

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Total .....		1,078,140	7,910	84,480	103,190	218,650	171,750	150,910	74,560	19,210	6,360	920	240,200
Management occupations .....	11-0000	19,650	490	1,760	1,750	3,970	2,510	2,600	1,250	770	100	40	4,390
Top executives .....	11-1000	3,300	40	160	560	410	580	280	250	440	-	-	550
Chief executives .....	11-1010	1,510	-	20	350	220	70	50	60	420	-	-	320
Chief executives .....	11-1011	1,510	-	20	350	220	70	50	60	420	-	-	320
General and operations managers .....	11-1020	1,780	40	140	210	200	510	230	190	30	-	-	230
General and operations managers ..	11-1021	1,780	40	140	210	200	510	230	190	30	-	-	230
Advertising, marketing, promotions, public relations, and sales managers .....	11-2000	1,170	30	110	120	170	150	210	50	20	-	-	300
Advertising and promotions managers	11-2010	30	-	-	-	-	-	-	-	-	-	-	-
Advertising and promotions managers .....	11-2011	30	-	-	-	-	-	-	-	-	-	-	-
Marketing and sales managers .....	11-2020	1,060	-	100	120	150	140	200	50	20	-	-	270
Marketing managers .....	11-2021	260	-	40	20	40	30	70	-	-	-	-	50
Sales managers .....	11-2022	790	-	60	100	110	110	130	40	20	-	-	220
Public relations managers .....	11-2030	90	30	-	-	20	-	-	-	-	-	-	-
Public relations managers .....	11-2031	90	30	-	-	20	-	-	-	-	-	-	-
Operations specialties managers .....	11-3000	3,120	240	180	200	640	320	280	250	50	20	-	940
Administrative services managers .....	11-3010	320	-	-	-	50	30	20	20	-	-	-	160
Administrative services managers ...	11-3011	320	-	-	-	50	30	20	20	-	-	-	160
Computer and information systems managers .....	11-3020	180	-	-	40	20	-	40	20	-	-	-	40
Computer and information systems managers .....	11-3021	180	-	-	40	20	-	40	20	-	-	-	40
Financial managers .....	11-3030	1,260	230	30	30	220	100	60	90	-	-	-	470
Financial managers .....	11-3031	1,260	230	30	30	220	100	60	90	-	-	-	470
Human resources managers .....	11-3040	270	-	-	40	-	100	40	-	-	-	-	50
Training and development managers .....	11-3042	100	-	-	20	-	40	-	-	-	-	-	30
Human resources managers, all other .....	11-3049	160	-	-	20	-	50	30	-	-	-	-	20
Industrial production managers .....	11-3050	530	-	100	20	170	40	30	80	-	-	-	60
Industrial production managers .....	11-3051	530	-	100	20	170	40	30	80	-	-	-	60
Purchasing managers .....	11-3060	200	-	-	40	60	20	30	-	-	-	-	30
Purchasing managers .....	11-3061	200	-	-	40	60	20	30	-	-	-	-	30
Transportation, storage, and distribution managers .....	11-3070	370	-	20	30	100	30	50	-	-	-	-	120
Transportation, storage, and distribution managers .....	11-3071	370	-	20	30	100	30	50	-	-	-	-	120
Other management occupations .....	11-9000	12,050	160	1,310	870	2,740	1,460	1,830	710	260	70	40	2,600
Agricultural managers .....	11-9010	240	-	20	-	60	50	20	-	20	-	-	50
Farm, ranch, and other agricultural managers .....	11-9011	130	-	-	-	40	50	-	-	-	-	-	-
Farmers and ranchers .....	11-9012	110	-	20	-	30	-	-	-	-	-	-	40
Construction managers .....	11-9020	1,200	-	90	110	220	180	140	110	20	-	-	320
Construction managers .....	11-9021	1,200	-	90	110	220	180	140	110	20	-	-	320
Education administrators .....	11-9030	810	-	130	20	50	50	90	40	-	-	-	420

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Education administrators, preschool and child care center/program .....	11-9031	360	—	—	—	20	—	30	—	—	—	—	290
Education administrators, elementary and secondary school	11-9032	90	—	—	—	—	—	—	—	—	—	—	50
Education administrators, postsecondary .....	11-9033	260	—	50	—	20	40	40	20	—	—	—	80
Education administrators, all other ...	11-9039	100	—	80	—	—	—	20	—	—	—	—	—
Engineering managers .....	11-9040	90	—	—	—	—	—	50	—	—	—	—	20
Engineering managers .....	11-9041	90	—	—	—	—	—	50	—	—	—	—	20
Food service managers .....	11-9050	1,170	—	50	130	340	200	160	80	110	—	—	100
Food service managers .....	11-9051	1,170	—	50	130	340	200	160	80	110	—	—	100
Funeral directors .....	11-9060	60	—	—	—	—	—	40	—	—	—	—	—
Funeral directors .....	11-9061	60	—	—	—	—	—	40	—	—	—	—	—
Lodging managers .....	11-9080	90	—	—	—	—	—	30	—	—	—	—	20
Lodging managers .....	11-9081	90	—	—	—	—	—	30	—	—	—	—	20
Medical and health services managers	11-9110	2,470	40	480	140	360	260	690	120	30	20	30	300
Medical and health services managers .....	11-9111	2,470	40	480	140	360	260	690	120	30	20	30	300
Property, real estate, and community association managers .....	11-9140	850	—	200	70	150	30	40	30	—	—	—	300
Property, real estate, and community association managers ..	11-9141	850	—	200	70	150	30	40	30	—	—	—	300
Social and community service managers .....	11-9150	850	70	60	70	300	170	100	40	—	—	—	40
Social and community service managers .....	11-9151	850	70	60	70	300	170	100	40	—	—	—	40
Miscellaneous managers .....	11-9190	4,200	40	270	310	1,230	520	480	260	50	30	—	1,020
Managers, all other .....	11-9199	4,200	40	270	310	1,230	520	480	260	50	30	—	1,020
Business and financial operations occupations .....	13-0000	6,660	120	660	460	860	1,340	1,030	340	60	70	—	1,720
Business operations specialists .....	13-1000	4,600	50	500	330	680	900	870	150	40	20	—	1,060
Buyers and purchasing agents .....	13-1020	1,150	—	50	60	170	330	220	50	—	—	—	250
Purchasing agents and buyers, farm products .....	13-1021	260	—	—	—	—	—	—	—	—	—	—	—
Wholesale and retail buyers, except farm products .....	13-1022	470	—	20	30	90	40	60	20	—	—	—	200
Purchasing agents, except wholesale, retail, and farm products .....	13-1023	420	—	30	30	80	30	160	30	—	—	—	40
Claims adjusters, appraisers, examiners, and investigators .....	13-1030	820	20	80	60	120	180	70	20	—	—	—	270
Claims adjusters, examiners, and investigators .....	13-1031	780	20	80	60	120	180	70	—	—	—	—	230
Insurance appraisers, auto damage	13-1032	50	—	—	—	—	—	—	—	—	—	—	40
Compliance officers, except agriculture, construction, health and safety, and transportation .....	13-1040	40	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Compliance officers, except agriculture, construction, health and safety, and transportation .....	13-1041	40	—	—	—	—	—	—	—	—	—	—	—	—
Cost estimators .....	13-1050	350	—	—	30	110	80	—	—	—	—	—	—	120
Cost estimators .....	13-1051	350	—	—	30	110	80	—	—	—	—	—	—	120
Human resources, training, and labor relations specialists .....	13-1070	1,220	—	240	70	180	200	200	40	30	—	—	—	260
Employment, recruitment, and placement specialists .....	13-1071	200	—	40	30	—	20	30	—	—	—	—	—	60
Compensation, benefits, and job analysis specialists .....	13-1072	120	—	—	—	—	—	—	—	—	—	—	—	90
Training and development specialists .....	13-1073	560	—	150	20	130	110	50	30	—	—	—	—	70
Human resources, training, and labor relations specialists, all other .....	13-1079	340	—	30	20	40	60	110	—	—	—	—	—	50
Logisticians .....	13-1080	290	—	60	70	40	50	30	—	—	—	—	—	—
Logisticians .....	13-1081	290	—	60	70	40	50	30	—	—	—	—	—	—
Management analysts .....	13-1110	240	—	50	—	—	—	80	—	—	—	—	—	50
Management analysts .....	13-1111	240	—	50	—	—	20	80	—	—	—	—	—	50
Meeting and convention planners .....	13-1120	20	—	—	—	—	—	—	—	—	—	—	—	—
Meeting and convention planners .....	13-1121	20	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous business operations specialists .....	13-1190	460	—	—	20	30	30	270	—	—	—	—	—	80
Business operations specialists, all other .....	13-1199	460	—	—	20	30	30	270	—	—	—	—	—	80
Financial specialists .....	13-2000	2,060	70	160	130	180	440	160	190	—	50	—	—	660
Accountants and auditors .....	13-2010	980	20	100	60	100	330	120	70	—	40	—	—	130
Accountants and auditors .....	13-2011	980	20	100	60	100	330	120	70	—	40	—	—	130
Credit analysts .....	13-2040	30	—	—	—	—	—	—	—	—	—	—	—	—
Credit analysts .....	13-2041	30	—	—	—	—	—	—	—	—	—	—	—	—
Financial analysts and advisors .....	13-2050	170	—	20	—	—	30	—	—	—	—	—	—	70
Financial analysts .....	13-2051	70	—	—	—	—	—	—	—	—	—	—	—	30
Personal financial advisors .....	13-2052	40	—	—	—	—	20	—	—	—	—	—	—	—
Insurance underwriters .....	13-2053	60	—	—	—	—	—	—	—	—	—	—	—	30
Loan counselors and officers .....	13-2070	260	40	20	—	50	—	20	90	—	—	—	—	30
Loan counselors .....	13-2071	120	—	—	—	—	—	—	80	—	—	—	—	—
Loan officers .....	13-2072	140	30	20	—	40	—	—	—	—	—	—	—	30
Tax examiners, collectors, preparers, and revenue agents .....	13-2080	50	—	—	40	—	—	—	—	—	—	—	—	—
Tax preparers .....	13-2082	50	—	—	40	—	—	—	—	—	—	—	—	—
Miscellaneous financial specialists .....	13-2090	550	—	—	—	—	60	—	20	—	—	—	—	400
Financial specialists, all other .....	13-2099	550	—	—	—	—	60	—	20	—	—	—	—	400
Computer and mathematical occupations .....	15-0000	3,280	190	310	130	430	280	370	180	60	20	—	—	1,280
Computer specialists .....	15-1000	3,210	190	310	130	430	280	370	170	60	—	—	—	1,250
Computer programmers .....	15-1020	120	50	—	—	20	20	20	—	—	—	—	—	—
Computer programmers .....	15-1021	120	50	—	—	20	20	20	—	—	—	—	—	—
Computer software engineers .....	15-1030	180	—	—	—	—	—	20	20	—	—	—	—	80

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
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Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Computer software engineers, applications .....	15-1031	100	-	-	-	-	-	-	-	-	-	-	-	40
Computer software engineers, systems software .....	15-1032	90	-	-	-	-	-	-	-	-	-	-	-	40
Computer support specialists .....	15-1040	850	80	40	40	70	140	120	-	-	-	-	-	340
Computer support specialists .....	15-1041	850	80	40	40	70	140	120	-	-	-	-	-	340
Computer systems analysts .....	15-1050	860	30	150	40	90	40	70	20	-	-	-	-	420
Computer systems analysts .....	15-1051	860	30	150	40	90	40	70	20	-	-	-	-	420
Database administrators .....	15-1060	40	-	-	-	-	-	-	-	-	-	-	-	-
Database administrators .....	15-1061	40	-	-	-	-	-	-	-	-	-	-	-	-
Network and computer systems administrators .....	15-1070	170	-	-	-	30	-	-	40	40	-	-	-	40
Network and computer systems administrators .....	15-1071	170	-	-	-	30	-	-	40	40	-	-	-	40
Network systems and data communications analysts .....	15-1080	560	20	30	-	190	30	20	60	-	-	-	-	190
Network systems and data communications analysts .....	15-1081	560	20	30	-	190	30	20	60	-	-	-	-	190
Miscellaneous computer specialists .....	15-1090	420	-	70	-	20	30	100	-	-	-	-	-	170
Computer specialists, all other .....	15-1099	420	-	70	-	20	30	100	-	-	-	-	-	170
Mathematical science occupations .....	15-2000	70	-	-	-	-	-	-	-	-	-	-	-	40
Operations research analysts .....	15-2030	70	-	-	-	-	-	-	-	-	-	-	-	40
Operations research analysts .....	15-2031	70	-	-	-	-	-	-	-	-	-	-	-	40
Architecture and engineering occupations .....	17-0000	5,000	30	260	350	820	860	870	660	130	30	-	-	990
Architects, surveyors, and cartographers .....	17-1000	730	-	-	-	100	350	20	160	-	-	-	-	60
Architects, except naval .....	17-1010	120	-	-	-	-	30	-	-	-	-	-	-	-
Architects, except landscape and naval .....	17-1011	110	-	-	-	-	-	-	-	-	-	-	-	-
Surveyors, cartographers, and photogrammetrists .....	17-1020	610	-	-	-	40	320	20	160	-	-	-	-	60
Surveyors .....	17-1022	610	-	-	-	40	320	20	160	-	-	-	-	60
Engineers .....	17-2000	1,260	-	80	90	160	160	170	120	30	20	-	-	420
Aerospace engineers .....	17-2010	20	-	-	-	-	-	-	-	-	-	-	-	-
Aerospace engineers .....	17-2011	20	-	-	-	-	-	-	-	-	-	-	-	-
Biomedical engineers .....	17-2030	20	-	-	-	-	-	-	-	-	-	-	-	-
Biomedical engineers .....	17-2031	20	-	-	-	-	-	-	-	-	-	-	-	-
Civil engineers .....	17-2050	200	-	-	20	20	-	40	20	-	-	-	-	100
Civil engineers .....	17-2051	200	-	-	20	20	-	40	20	-	-	-	-	100
Computer hardware engineers .....	17-2060	90	-	-	-	30	-	20	-	-	-	-	-	-
Computer hardware engineers .....	17-2061	90	-	-	-	30	-	20	-	-	-	-	-	-
Electrical and electronics engineers .....	17-2070	200	-	-	-	20	20	-	20	-	-	-	-	110
Electrical engineers .....	17-2071	70	-	-	-	20	-	-	-	-	-	-	-	20
Electronics engineers, except computer .....	17-2072	130	-	-	-	-	-	-	-	-	-	-	-	90
Industrial engineers, including health and safety .....	17-2110	190	-	20	20	40	50	20	-	-	-	-	-	30

See footnotes at end of table.

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Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Health and safety engineers, except mining safety engineers and inspectors .....	17-2111	50	—	—	—	20	—	—	—	—	—	—	—	—
Industrial engineers .....	17-2112	140	—	20	—	20	40	20	—	—	—	—	—	20
Materials engineers .....	17-2130	50	—	—	20	—	—	—	—	—	—	—	—	—
Materials engineers .....	17-2131	50	—	—	20	—	—	—	—	—	—	—	—	—
Mechanical engineers .....	17-2140	190	—	—	20	20	20	20	30	—	—	—	—	70
Mechanical engineers .....	17-2141	190	—	—	20	20	20	20	30	—	—	—	—	70
Mining and geological engineers, including mining safety engineers .....	17-2150	50	—	—	—	—	—	—	—	—	—	—	—	50
Mining and geological engineers, including mining safety engineers ..	17-2151	50	—	—	—	—	—	—	—	—	—	—	—	50
Miscellaneous engineers .....	17-2190	220	—	30	—	30	30	60	20	—	—	—	—	40
Engineers, all other .....	17-2199	220	—	30	—	30	30	60	20	—	—	—	—	40
Drafters, engineering, and mapping technicians .....	17-3000	3,010	—	170	260	560	350	680	380	80	—	—	—	510
Drafters .....	17-3010	130	—	—	—	60	20	—	—	—	—	—	—	20
Architectural and civil drafters .....	17-3011	20	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical drafters .....	17-3013	50	—	—	—	40	—	—	—	—	—	—	—	—
Drafters, all other .....	17-3019	60	—	—	—	20	—	—	—	—	—	—	—	—
Engineering technicians, except drafters .....	17-3020	2,400	—	170	250	440	320	460	340	30	—	—	—	370
Electrical and electronic engineering technicians .....	17-3023	1,340	—	90	180	220	180	310	160	20	—	—	—	150
Electro-mechanical technicians .....	17-3024	20	—	—	—	—	—	—	—	—	—	—	—	—
Environmental engineering technicians .....	17-3025	30	—	—	—	—	—	—	—	—	—	—	—	—
Industrial engineering technicians .....	17-3026	210	—	20	20	30	20	30	50	—	—	—	—	30
Mechanical engineering technicians .....	17-3027	280	—	20	—	60	60	50	80	—	—	—	—	—
Engineering technicians, except drafters, all other .....	17-3029	520	—	20	30	110	60	70	50	—	—	—	—	180
Surveying and mapping technicians .....	17-3030	480	—	—	—	60	20	210	40	—	—	—	—	110
Surveying and mapping technicians .....	17-3031	480	—	—	—	60	20	210	40	—	—	—	—	110
Life, physical, and social science occupations .....	19-0000	2,260	20	180	190	410	250	360	120	40	—	—	—	650
Life scientists .....	19-1000	320	—	20	40	60	—	70	20	—	—	—	—	40
Agricultural and food scientists .....	19-1010	110	—	—	—	—	—	50	—	—	—	—	—	—
Food scientists and technologists .....	19-1012	90	—	—	—	—	—	40	—	—	—	—	—	—
Soil and plant scientists .....	19-1013	20	—	—	—	—	—	—	—	—	—	—	—	—
Biological scientists .....	19-1020	50	—	—	—	—	—	—	—	—	—	—	—	—
Zoologists and wildlife biologists .....	19-1023	20	—	—	—	—	—	—	—	—	—	—	—	—
Biological scientists, all other .....	19-1029	30	—	—	—	—	—	—	—	—	—	—	—	—
Conservation scientists and foresters ..	19-1030	40	—	—	30	—	—	—	—	—	—	—	—	—
Foresters .....	19-1032	40	—	—	30	—	—	—	—	—	—	—	—	—
Medical scientists .....	19-1040	60	—	20	—	—	—	—	—	—	—	—	—	—
Medical scientists, except epidemiologists .....	19-1042	60	—	20	—	—	—	—	—	—	—	—	—	—
Miscellaneous life scientists .....	19-1090	50	—	—	—	30	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
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Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Life scientists, all other .....	19-1099	50	—	—	—	30	—	—	—	—	—	—	—	—
Physical scientists .....	19-2000	210	—	—	20	30	20	50	30	—	—	—	—	40
Chemists and materials scientists .....	19-2030	70	—	—	—	—	—	—	—	—	—	—	—	20
Chemists .....	19-2031	70	—	—	—	—	—	—	—	—	—	—	—	20
Environmental scientists and geoscientists .....	19-2040	60	—	—	—	—	—	20	—	—	—	—	—	—
Environmental scientists and specialists, including health .....	19-2041	60	—	—	—	—	—	20	—	—	—	—	—	—
Miscellaneous physical scientists .....	19-2090	60	—	—	—	—	—	20	—	—	—	—	—	—
Physical scientists, all other .....	19-2099	60	—	—	—	—	—	20	—	—	—	—	—	—
Social scientists and related workers .....	19-3000	410	—	30	70	90	90	20	—	—	—	—	—	100
Market and survey researchers .....	19-3020	150	—	30	30	—	30	—	—	—	—	—	—	50
Market research analysts .....	19-3021	150	—	20	30	—	30	—	—	—	—	—	—	50
Psychologists .....	19-3030	120	—	—	—	20	60	—	—	—	—	—	—	20
Clinical, counseling, and school psychologists .....	19-3031	80	—	—	—	—	60	—	—	—	—	—	—	—
Psychologists, all other .....	19-3039	30	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous social scientists and related workers .....	19-3090	140	—	—	—	70	—	—	—	—	—	—	—	30
Anthropologists and archeologists .....	19-3091	90	—	—	—	60	—	—	—	—	—	—	—	—
Social scientists and related workers, all other .....	19-3099	60	—	—	—	—	—	—	—	—	—	—	—	—
Life, physical, and social science technicians .....	19-4000	1,320	—	120	60	220	120	220	60	30	—	—	—	470
Agricultural and food science technicians .....	19-4010	170	—	—	20	40	20	30	—	—	—	—	—	20
Agricultural and food science technicians .....	19-4011	170	—	—	20	40	20	30	—	—	—	—	—	20
Biological technicians .....	19-4020	40	—	—	—	—	—	—	—	—	—	—	—	—
Biological technicians .....	19-4021	40	—	—	—	—	—	—	—	—	—	—	—	—
Chemical technicians .....	19-4030	340	—	70	20	110	60	30	—	—	—	—	—	40
Chemical technicians .....	19-4031	340	—	70	20	110	60	30	—	—	—	—	—	40
Geological and petroleum technicians .....	19-4040	40	—	—	—	—	—	—	—	20	—	—	—	—
Geological and petroleum technicians .....	19-4041	40	—	—	—	—	—	—	—	20	—	—	—	—
Miscellaneous life, physical, and social science technicians .....	19-4090	720	—	40	—	60	30	160	40	—	—	—	—	390
Environmental science and protection technicians, including health .....	19-4091	30	—	—	—	—	—	—	—	—	—	—	—	—
Life, physical, and social science technicians, all other .....	19-4099	690	—	30	—	40	20	150	40	—	—	—	—	390
Community and social services occupations	21-0000	8,960	50	790	830	1,620	1,570	1,810	490	260	50	—	—	1,480
Counselors, social workers, and other community and social service specialists .....	21-1000	8,740	50	790	800	1,620	1,520	1,800	490	200	50	—	—	1,420
Counselors .....	21-1010	3,220	20	290	310	710	590	530	180	80	—	—	—	510

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Substance abuse and behavioral disorder counselors .....	21-1011	250	—	20	20	80	30	30	40	20	—	—	—
Educational, vocational, and school counselors .....	21-1012	430	—	40	30	60	150	70	20	—	—	—	60
Marriage and family therapists .....	21-1013	60	—	—	—	—	—	—	—	—	—	—	40
Mental health counselors .....	21-1014	710	—	50	30	160	150	50	20	—	—	—	230
Rehabilitation counselors .....	21-1015	560	—	20	70	150	90	150	—	20	—	—	50
Counselors, all other .....	21-1019	1,220	—	140	170	260	160	220	90	30	—	—	130
Social workers .....	21-1020	3,160	20	350	190	640	600	420	250	90	20	—	570
Child, family, and school social workers .....	21-1021	830	—	150	60	260	170	30	50	20	—	—	80
Medical and public health social workers .....	21-1022	620	—	40	40	110	120	120	40	—	—	—	140
Mental health and substance abuse social workers .....	21-1023	340	—	50	30	40	70	60	40	—	—	—	40
Social workers, all other .....	21-1029	1,370	—	110	60	230	250	210	130	—	—	—	310
Miscellaneous community and social service specialists .....	21-1090	2,350	—	140	300	270	330	850	60	20	20	—	350
Social and human service assistants	21-1093	1,840	—	110	40	200	260	790	60	20	20	—	320
Community and social service specialists, all other .....	21-1099	500	—	30	260	60	70	50	—	—	—	—	20
Religious workers .....	21-2000	230	—	—	30	—	50	20	—	70	—	—	60
Clergy .....	21-2010	40	—	—	—	—	—	—	—	—	—	—	—
Clergy .....	21-2011	40	—	—	—	—	—	—	—	—	—	—	—
Directors, religious activities and education .....	21-2020	100	—	—	30	—	—	—	—	—	—	—	—
Directors, religious activities and education .....	21-2021	100	—	—	30	—	—	—	—	—	—	—	—
Miscellaneous religious workers .....	21-2090	100	—	—	—	—	40	—	—	—	—	—	50
Religious workers, all other .....	21-2099	100	—	—	—	—	40	—	—	—	—	—	50
Legal occupations .....	23-0000	1,460	—	80	—	210	330	—	40	—	—	—	700
Lawyers, judges, and related workers .....	23-1000	330	—	—	—	—	—	—	—	—	—	—	310
Lawyers .....	23-1010	330	—	—	—	—	—	—	—	—	—	—	310
Lawyers .....	23-1011	330	—	—	—	—	—	—	—	—	—	—	310
Legal support workers .....	23-2000	1,130	—	80	—	200	330	—	40	—	—	—	390
Paralegals and legal assistants .....	23-2010	850	—	60	—	20	270	—	30	—	—	—	380
Paralegals and legal assistants .....	23-2011	850	—	60	—	20	270	—	30	—	—	—	380
Miscellaneous legal support workers ...	23-2090	280	—	—	—	180	60	—	—	—	—	—	—
Title examiners, abstractors, and searchers .....	23-2093	200	—	—	—	—	20	—	—	—	—	—	—
Legal support workers, all other .....	23-2099	80	—	—	—	—	40	—	—	—	—	—	—
Education, training, and library occupations	25-0000	8,650	120	630	670	1,920	1,810	1,200	350	120	—	—	1,830
Postsecondary teachers .....	25-1000	790	—	30	30	120	40	180	70	50	—	—	280
Health teachers, postsecondary .....	25-1070	70	—	—	—	—	—	—	—	—	—	—	50
Health specialties teachers, postsecondary .....	25-1071	60	—	—	—	—	—	—	—	—	—	—	50
Arts, communications, and humanities teachers, postsecondary .....	25-1120	20	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Miscellaneous postsecondary teachers	25-1190	690	—	20	20	110	40	170	60	40	—	—	220
Graduate teaching assistants .....	25-1191	20	—	—	—	—	—	—	—	—	—	—	—
Vocational education teachers, postsecondary .....	25-1194	520	—	—	—	90	20	150	20	—	—	—	200
Postsecondary teachers, all other ....	25-1199	140	—	20	—	—	—	20	30	20	—	—	—
Primary, secondary, and special education school teachers .....	25-2000	2,770	90	230	160	750	680	400	130	—	—	—	320
Preschool and kindergarten teachers ..	25-2010	1,490	—	120	70	410	200	310	120	—	—	—	200
Preschool teachers, except special education .....	25-2011	1,480	—	110	70	410	200	310	120	—	—	—	200
Elementary and middle school teachers .....	25-2020	930	—	50	70	240	430	60	—	—	—	—	60
Elementary school teachers, except special education .....	25-2021	550	—	50	70	200	100	60	—	—	—	—	60
Middle school teachers, except special and vocational education ...	25-2022	370	—	—	—	40	330	—	—	—	—	—	—
Secondary school teachers .....	25-2030	160	—	—	—	40	20	20	—	—	—	—	40
Secondary school teachers, except special and vocational education ...	25-2031	150	—	—	—	40	20	20	—	—	—	—	30
Vocational education teachers, secondary school .....	25-2032	20	—	—	—	—	—	—	—	—	—	—	—
Special education teachers .....	25-2040	190	20	60	—	60	30	—	—	—	—	—	20
Special education teachers, preschool, kindergarten, and elementary school .....	25-2041	140	—	60	—	30	—	—	—	—	—	—	20
Special education teachers, secondary school .....	25-2043	40	—	—	—	20	20	—	—	—	—	—	—
Other teachers and instructors .....	25-3000	1,890	—	210	250	480	420	190	50	60	—	—	210
Self-enrichment education teachers ....	25-3020	90	—	—	—	20	40	—	—	—	—	—	—
Self-enrichment education teachers .....	25-3021	90	—	—	—	20	40	—	—	—	—	—	—
Miscellaneous teachers and instructors	25-3090	1,800	—	210	240	460	370	190	50	60	—	—	200
Teachers and instructors, all other ...	25-3099	1,800	—	210	240	460	370	190	50	60	—	—	200
Librarians, curators, and archivists .....	25-4000	150	—	20	—	—	30	40	—	—	—	—	40
Archivists, curators, and museum technicians .....	25-4010	40	—	—	—	—	20	—	—	—	—	—	—
Curators .....	25-4012	20	—	—	—	—	—	—	—	—	—	—	—
Museum technicians and conservators .....	25-4013	20	—	—	—	—	—	—	—	—	—	—	—
Librarians .....	25-4020	110	—	—	—	—	—	30	—	—	—	—	40
Librarians .....	25-4021	110	—	—	—	—	—	30	—	—	—	—	40
Other education, training, and library occupations .....	25-9000	3,060	—	140	230	550	650	400	90	—	—	—	980
Instructional coordinators .....	25-9030	90	—	—	—	20	40	—	—	—	—	—	20
Instructional coordinators .....	25-9031	90	—	—	—	20	40	—	—	—	—	—	20
Teacher assistants .....	25-9040	2,900	—	120	220	530	590	380	90	—	—	—	960
Teacher assistants .....	25-9041	2,900	—	120	220	530	590	380	90	—	—	—	960
Miscellaneous education, training, and library workers .....	25-9090	60	—	20	—	—	20	—	—	—	—	—	—

See footnotes at end of table.



TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Education, training, and library workers, all other .....	25-9099	60	—	20	—	—	20	—	—	—	—	—	—
Arts, design, entertainment, sports, and media occupations .....	27-0000	6,230	30	450	790	1,630	690	480	500	110	60	—	1,480
Art and design workers .....	27-1000	1,150	—	120	150	390	160	140	50	—	—	—	120
Artists and related workers .....	27-1010	130	—	—	30	20	—	20	—	—	—	—	40
Art directors .....	27-1011	20	—	—	—	—	—	—	—	—	—	—	—
Fine artists, including painters, sculptors, and illustrators .....	27-1013	30	—	—	—	—	—	—	—	—	—	—	20
Artists and related workers, all other .....	27-1019	60	—	—	20	20	—	—	—	—	—	—	—
Designers .....	27-1020	1,020	—	120	120	370	150	120	50	—	—	—	80
Commercial and industrial designers .....	27-1021	20	—	—	—	—	20	—	—	—	—	—	—
Fashion designers .....	27-1022	30	—	—	—	—	—	—	—	—	—	—	—
Floral designers .....	27-1023	300	—	—	20	160	50	20	30	—	—	—	—
Graphic designers .....	27-1024	140	—	—	—	90	—	—	—	—	—	—	—
Interior designers .....	27-1025	60	—	—	—	—	20	—	—	—	—	—	—
Merchandise displayers and window trimmers .....	27-1026	280	—	60	40	50	30	40	—	—	—	—	40
Set and exhibit designers .....	27-1027	40	—	20	—	—	—	—	—	—	—	—	—
Designers, all other .....	27-1029	150	—	—	—	40	—	40	—	—	—	—	—
Entertainers and performers, sports and related workers .....	27-2000	3,740	—	230	570	1,070	370	210	110	70	20	—	1,070
Actors, producers, and directors .....	27-2010	430	—	20	120	130	30	20	—	—	—	—	80
Actors .....	27-2011	290	—	20	90	70	30	—	—	—	—	—	50
Producers and directors .....	27-2012	140	—	—	40	60	—	—	—	—	—	—	30
Athletes, coaches, umpires, and related workers .....	27-2020	2,120	—	70	180	650	200	110	50	—	—	—	840
Athletes and sports competitors .....	27-2021	840	—	—	30	40	100	20	—	—	—	—	610
Coaches and scouts .....	27-2022	1,100	—	50	130	610	90	80	40	—	—	—	80
Umpires, referees, and other sports officials .....	27-2023	180	—	—	—	—	—	—	—	—	—	—	150
Dancers and choreographers .....	27-2030	320	—	40	40	80	40	—	—	20	—	—	70
Dancers .....	27-2031	320	—	40	40	80	40	—	—	20	—	—	70
Musicians, singers, and related workers .....	27-2040	50	—	—	—	—	—	—	—	—	—	—	30
Musicians and singers .....	27-2042	40	—	—	—	—	—	—	—	—	—	—	20
Miscellaneous entertainers and performers, sports and related workers .....	27-2090	820	—	90	220	200	100	60	40	40	—	—	50
Entertainers and performers, sports and related workers, all other .....	27-2099	820	—	90	220	200	100	60	40	40	—	—	50
Media and communication workers .....	27-3000	470	—	20	20	80	50	60	80	20	40	—	100
Announcers .....	27-3010	20	—	—	—	—	—	—	—	—	—	—	—
Radio and television announcers .....	27-3011	20	—	—	—	—	—	—	—	—	—	—	—
News analysts, reporters and correspondents .....	27-3020	200	—	—	—	50	20	40	—	—	—	—	50
Reporters and correspondents .....	27-3022	190	—	—	—	50	20	40	—	—	—	—	40
Public relations specialists .....	27-3030	50	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Public relations specialists .....	27-3031	50	—	—	—	—	—	—	—	—	—	—	—	—
Writers and editors .....	27-3040	110	—	—	—	—	—	—	—	—	—	40	—	20
Editors .....	27-3041	80	—	—	—	—	—	—	—	—	—	40	—	20
Writers and authors .....	27-3043	20	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous media and communication workers .....	27-3090	100	—	—	—	—	—	—	—	50	—	—	—	—
Interpreters and translators .....	27-3091	70	—	—	—	—	—	—	—	50	—	—	—	—
Media and communication workers, all other .....	27-3099	20	—	—	—	—	—	—	—	—	—	—	—	—
Media and communication equipment workers .....	27-4000	870	—	80	40	90	110	80	260	—	—	—	—	200
Broadcast and sound engineering technicians and radio operators .....	27-4010	270	—	30	20	40	60	40	20	—	—	—	—	60
Audio and video equipment technicians .....	27-4011	200	—	—	20	20	60	30	20	—	—	—	—	50
Broadcast technicians .....	27-4012	60	—	—	—	20	—	—	—	—	—	—	—	—
Photographers .....	27-4020	250	—	20	—	40	40	40	—	—	—	—	—	90
Photographers .....	27-4021	250	—	20	—	40	40	40	—	—	—	—	—	90
Television, video, and motion picture camera operators and editors .....	27-4030	90	—	20	—	—	—	—	—	—	—	—	—	40
Camera operators, television, video, and motion picture .....	27-4031	70	—	20	—	—	—	—	—	—	—	—	—	20
Film and video editors .....	27-4032	20	—	—	—	—	—	—	—	—	—	—	—	20
Miscellaneous media and communication equipment workers ...	27-4090	260	—	—	—	—	—	—	230	—	—	—	—	—
Media and communication equipment workers, all other .....	27-4099	260	—	—	—	—	—	—	230	—	—	—	—	—
Healthcare practitioners and technical occupations .....	29-0000	44,950	890	4,090	3,640	8,580	6,720	6,380	3,550	1,780	620	140	—	8,540
Health diagnosing and treating practitioners .....	29-1000	23,010	510	1,920	1,890	4,770	2,970	3,330	2,100	1,070	310	40	—	4,120
Dentists .....	29-1020	20	—	—	—	—	—	—	—	—	—	—	—	—
Dentists, general .....	29-1021	20	—	—	—	—	—	—	—	—	—	—	—	—
Dietitians and nutritionists .....	29-1030	140	—	20	—	30	—	30	—	—	—	—	—	—
Dietitians and nutritionists .....	29-1031	140	—	20	—	30	—	30	—	—	—	—	—	—
Pharmacists .....	29-1050	290	—	—	40	70	—	130	—	—	—	—	—	—
Pharmacists .....	29-1051	290	—	—	40	70	—	130	—	—	—	—	—	—
Physicians and surgeons .....	29-1060	280	—	30	—	40	40	50	30	—	—	—	—	60
Anesthesiologists .....	29-1061	70	—	—	—	—	—	20	—	—	—	—	—	20
Surgeons .....	29-1067	20	—	—	—	20	—	—	—	—	—	—	—	—
Physicians and surgeons, all other ..	29-1069	170	—	30	—	20	30	20	—	—	—	—	—	30
Physician assistants .....	29-1070	60	—	—	—	—	—	—	20	—	—	—	—	—
Physician assistants .....	29-1071	60	—	—	—	—	—	—	20	—	—	—	—	—
Registered nurses .....	29-1110	19,070	380	1,330	1,600	3,990	2,690	2,540	1,910	1,010	280	30	—	3,300
Registered nurses .....	29-1111	19,070	380	1,330	1,600	3,990	2,690	2,540	1,910	1,010	280	30	—	3,300
Therapists .....	29-1120	2,780	120	210	220	590	210	540	110	50	20	—	—	710
Occupational therapists .....	29-1122	370	—	20	30	180	20	50	40	—	—	—	—	30
Physical therapists .....	29-1123	1,100	—	40	40	130	50	380	—	—	—	—	—	450

See footnotes at end of table.

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 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Radiation therapists .....	29-1124	60	—	—	—	20	—	—	—	—	—	—	—	20
Recreational therapists .....	29-1125	140	—	—	20	20	50	20	—	—	—	—	—	20
Respiratory therapists .....	29-1126	650	110	80	60	110	50	50	60	30	20	—	—	80
Speech-language pathologists .....	29-1127	100	—	—	30	40	—	—	—	—	—	—	—	—
Therapists, all other .....	29-1129	350	—	40	50	80	30	30	—	—	—	—	—	100
Veterinarians .....	29-1130	40	—	—	—	—	—	—	—	—	—	—	—	—
Veterinarians .....	29-1131	40	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians .....	29-2000	21,790	380	2,150	1,740	3,800	3,740	3,030	1,450	710	320	100	—	4,370
Clinical laboratory technologists and technicians .....	29-2010	1,440	80	210	120	250	210	180	80	20	20	—	—	280
Medical and clinical laboratory technologists .....	29-2011	370	20	50	30	70	30	50	30	—	—	—	—	80
Medical and clinical laboratory technicians .....	29-2012	1,070	50	160	90	190	180	120	50	—	—	—	—	210
Dental hygienists .....	29-2020	70	—	—	—	—	—	—	—	—	—	—	—	60
Dental hygienists .....	29-2021	70	—	—	—	—	—	—	—	—	—	—	—	60
Diagnostic related technologists and technicians .....	29-2030	1,900	40	130	110	350	300	280	190	40	30	—	—	450
Cardiovascular technologists and technicians .....	29-2031	200	—	—	—	50	30	20	20	—	—	—	—	60
Diagnostic medical sonographers .....	29-2032	210	—	—	—	30	—	70	30	—	—	—	—	40
Nuclear medicine technologists .....	29-2033	60	—	—	—	—	—	—	—	—	—	—	—	—
Radiologic technologists and technicians .....	29-2034	1,430	20	90	90	260	250	180	140	20	20	—	—	350
Emergency medical technicians and paramedics .....	29-2040	4,560	20	130	230	870	890	460	410	260	160	40	—	1,100
Emergency medical technicians and paramedics .....	29-2041	4,560	20	130	230	870	890	460	410	260	160	40	—	1,100
Health diagnosing and treating practitioner support technicians .....	29-2050	4,770	30	860	360	690	660	1,040	260	90	20	—	—	740
Dietetic technicians .....	29-2051	190	—	20	20	—	30	50	—	—	—	—	—	70
Pharmacy technicians .....	29-2052	1,150	20	30	150	170	140	400	100	20	—	—	—	130
Psychiatric technicians .....	29-2053	900	—	300	70	110	120	120	50	—	—	—	—	120
Respiratory therapy technicians .....	29-2054	40	—	—	—	—	—	—	—	—	—	—	—	—
Surgical technologists .....	29-2055	1,250	—	120	110	210	240	170	100	40	—	—	—	230
Veterinary technologists and technicians .....	29-2056	1,240	—	390	20	200	120	310	—	—	—	—	—	190
Licensed practical and licensed vocational nurses .....	29-2060	7,020	140	700	750	1,390	1,210	870	390	230	70	20	—	1,250
Licensed practical and licensed vocational nurses .....	29-2061	7,020	140	700	750	1,390	1,210	870	390	230	70	20	—	1,250
Medical records and health information technicians .....	29-2070	700	30	50	50	50	280	40	20	—	—	—	—	190
Medical records and health information technicians .....	29-2071	700	30	50	50	50	280	40	20	—	—	—	—	190
Opticians, dispensing .....	29-2080	50	—	—	—	—	—	—	—	—	—	—	—	30
Opticians, dispensing .....	29-2081	50	—	—	—	—	—	—	—	—	—	—	—	30

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Miscellaneous health technologists and technicians .....	29-2090	1,290	50	60	120	200	200	170	100	80	20	—	270
Health technologists and technicians, all other .....	29-2099	1,280	50	60	120	200	200	170	100	70	20	—	270
Other healthcare practitioners and technical occupations .....	29-9000	150	—	30	—	20	—	20	—	—	—	—	50
Occupational health and safety specialists and technicians .....	29-9010	50	—	—	—	—	—	—	—	—	—	—	—
Occupational health and safety specialists .....	29-9011	30	—	—	—	—	—	—	—	—	—	—	—
Occupational health and safety technicians .....	29-9012	20	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous health practitioners and technical workers .....	29-9090	100	—	20	—	—	—	20	—	—	—	—	40
Healthcare practitioners and technical workers, all other .....	29-9099	100	—	20	—	—	—	20	—	—	—	—	40
Healthcare support occupations .....	31-0000	65,720	600	6,570	7,030	14,090	10,760	10,060	3,350	1,290	630	90	11,270
Nursing, psychiatric, and home health aides .....	31-1000	54,050	460	4,980	5,940	11,920	9,140	8,290	2,540	1,080	510	70	9,130
Nursing, psychiatric, and home health aides .....	31-1010	54,050	460	4,980	5,940	11,920	9,140	8,290	2,540	1,080	510	70	9,130
Home health aides .....	31-1011	8,120	120	810	1,040	1,790	890	940	400	120	90	30	1,890
Nursing aides, orderlies, and attendants .....	31-1012	44,610	330	4,040	4,740	9,840	7,980	7,190	2,070	920	400	30	7,060
Psychiatric aides .....	31-1013	1,330	—	130	170	290	260	170	70	30	20	—	180
Occupational and physical therapist assistants and aides .....	31-2000	550	—	40	40	110	70	120	20	—	—	—	170
Occupational therapist assistants and aides .....	31-2010	160	—	—	—	30	20	60	—	—	—	—	20
Occupational therapist assistants .....	31-2011	50	—	—	—	—	—	—	—	—	—	—	—
Occupational therapist aides .....	31-2012	110	—	—	—	20	—	50	—	—	—	—	—
Physical therapist assistants and aides .....	31-2020	390	—	30	30	80	50	50	—	—	—	—	150
Physical therapist assistants .....	31-2021	240	—	—	—	50	—	—	—	—	—	—	140
Physical therapist aides .....	31-2022	160	—	20	20	30	40	40	—	—	—	—	—
Other healthcare support occupations .....	31-9000	11,120	140	1,550	1,050	2,060	1,550	1,650	790	210	120	20	1,970
Massage therapists .....	31-9010	240	—	—	20	40	20	—	—	—	—	—	140
Massage therapists .....	31-9011	240	—	—	20	40	20	—	—	—	—	—	140
Miscellaneous healthcare support occupations .....	31-9090	10,880	140	1,540	1,040	2,020	1,540	1,640	790	210	120	20	1,830
Dental assistants .....	31-9091	1,000	—	310	20	180	90	100	—	—	—	—	290
Medical assistants .....	31-9092	920	30	90	90	170	170	110	60	30	—	—	170
Medical equipment preparers .....	31-9093	450	—	20	30	80	60	160	30	—	—	—	60
Medical transcriptionists .....	31-9094	90	—	20	—	—	—	—	—	—	—	—	40
Pharmacy aides .....	31-9095	260	—	110	20	30	—	30	—	—	—	—	30
Veterinary assistants and laboratory animal caretakers .....	31-9096	1,070	—	20	70	200	150	90	170	—	—	—	240
Healthcare support workers, all other .....	31-9099	7,090	90	960	810	1,360	1,050	1,140	510	50	110	20	990

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Protective service occupations .....	33-0000	10,860	140	980	860	2,340	2,270	1,450	530	200	130	—	1,940
First-line supervisors/managers, protective service workers .....	33-1000	470	—	90	30	80	50	40	—	—	40	—	130
First-line supervisors/managers, law enforcement workers .....	33-1010	30	—	—	—	—	—	—	—	—	—	—	—
First-line supervisors/managers of correctional officers .....	33-1011	30	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous first-line supervisors/managers, protective service workers .....	33-1090	440	—	90	20	70	30	40	—	—	40	—	120
First-line supervisors/managers, protective service workers, all other .....	33-1099	440	—	90	20	70	30	40	—	—	40	—	120
Fire fighting and prevention workers .....	33-2000	150	—	30	—	—	—	—	—	—	—	—	70
Fire fighters .....	33-2010	150	—	30	—	—	—	—	—	—	—	—	70
Fire fighters .....	33-2011	150	—	30	—	—	—	—	—	—	—	—	70
Law enforcement workers .....	33-3000	480	—	20	40	100	60	60	20	40	—	—	130
Bailiffs, correctional officers, and jailers .....	33-3010	360	—	—	40	90	50	50	20	40	—	—	60
Correctional officers and jailers .....	33-3012	360	—	—	40	90	50	50	20	40	—	—	60
Police officers .....	33-3050	120	—	—	—	20	—	—	—	—	—	—	70
Police and sheriff's patrol officers .....	33-3051	80	—	—	—	20	—	—	—	—	—	—	30
Transit and railroad police .....	33-3052	40	—	—	—	—	—	—	—	—	—	—	40
Other protective service workers .....	33-9000	9,760	130	840	800	2,160	2,130	1,350	500	150	90	—	1,610
Animal control workers .....	33-9010	70	—	—	—	20	—	—	—	—	—	—	—
Animal control workers .....	33-9011	70	—	—	—	20	—	—	—	—	—	—	—
Private detectives and investigators .....	33-9020	60	—	30	—	—	20	—	—	—	—	—	—
Private detectives and investigators .....	33-9021	60	—	30	—	—	20	—	—	—	—	—	—
Security guards and gaming surveillance officers .....	33-9030	8,430	130	650	720	1,640	1,950	1,240	440	130	90	—	1,440
Gaming surveillance officers and gaming investigators .....	33-9031	160	—	—	20	30	30	20	30	—	—	—	—
Security guards .....	33-9032	8,270	120	640	700	1,600	1,920	1,220	410	130	90	—	1,430
Miscellaneous protective service workers .....	33-9090	1,210	—	150	70	500	150	80	60	20	—	—	170
Crossing guards .....	33-9091	140	—	30	20	40	—	—	—	—	—	—	30
Lifeguards, ski patrol, and other recreational protective service workers .....	33-9092	760	—	40	50	380	70	50	40	—	—	—	100
Protective service workers, all other .....	33-9099	300	—	80	—	80	70	—	—	—	—	—	30
Food preparation and serving related occupations .....	35-0000	67,160	270	5,950	6,460	15,550	12,680	7,950	3,300	300	410	—	14,300
Supervisors, food preparation and serving workers .....	35-1000	7,160	—	770	510	1,730	800	1,180	370	80	260	—	1,450
First-line supervisors/managers, food preparation and serving workers .....	35-1010	7,160	—	770	510	1,730	800	1,180	370	80	260	—	1,450
Chefs and head cooks .....	35-1011	1,140	—	120	140	170	90	200	50	—	—	—	360
First-line supervisors/managers of food preparation and serving workers .....	35-1012	6,010	—	650	370	1,560	710	980	320	70	260	—	1,090

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Cooks and food preparation workers .....	35-2000	24,910	110	2,210	2,360	5,380	4,380	3,010	1,870	90	90	—	5,420
Cooks .....	35-2010	16,910	70	1,460	1,460	3,260	3,190	1,930	1,410	60	30	—	4,020
Cooks, fast food .....	35-2011	870	—	30	30	80	210	220	—	—	—	—	310
Cooks, institution and cafeteria .....	35-2012	5,510	30	660	440	890	930	720	530	—	20	—	1,280
Cooks, restaurant .....	35-2014	9,160	30	670	920	2,050	1,840	940	820	30	—	—	1,860
Cooks, short order .....	35-2015	400	—	40	—	100	60	—	—	—	—	—	160
Cooks, all other .....	35-2019	970	20	60	70	140	150	40	50	20	—	—	410
Food preparation workers .....	35-2020	8,000	30	750	900	2,120	1,180	1,080	460	30	50	—	1,400
Food preparation workers .....	35-2021	8,000	30	750	900	2,120	1,180	1,080	460	30	50	—	1,400
Food and beverage serving workers .....	35-3000	26,870	140	2,170	2,780	6,250	5,790	2,700	870	100	60	—	6,000
Bartenders .....	35-3010	1,470	—	130	260	260	210	120	40	—	—	—	440
Bartenders .....	35-3011	1,470	—	130	260	260	210	120	40	—	—	—	440
Fast food and counter workers .....	35-3020	13,970	70	1,250	1,290	3,180	3,130	1,300	500	20	30	—	3,200
Combined food preparation and serving workers, including fast food counter attendants, cafeteria, food concession, and coffee shop .....	35-3021	12,280	60	1,100	1,160	2,870	2,940	1,180	430	—	—	—	2,510
Waiters and waitresses .....	35-3030	1,690	—	140	130	320	180	130	70	—	—	—	690
Waiters and waitresses .....	35-3031	7,970	30	470	710	2,080	1,870	820	150	50	—	—	1,780
Food servers, nonrestaurant .....	35-3040	7,970	30	470	710	2,080	1,870	820	150	50	—	—	1,780
Food servers, nonrestaurant .....	35-3041	3,470	40	320	520	730	590	460	190	30	—	—	590
Food servers, nonrestaurant .....	35-3041	3,470	40	320	520	730	590	460	190	30	—	—	590
Other food preparation and serving related workers .....	35-9000	8,230	—	800	800	2,190	1,720	1,060	190	20	—	—	1,430
Dining room and cafeteria attendants and bartender helpers .....	35-9010	1,750	—	120	180	420	350	280	60	—	—	—	330
Dining room and cafeteria attendants and bartender helpers ..	35-9011	1,750	—	120	180	420	350	280	60	—	—	—	330
Dishwashers .....	35-9020	3,510	—	510	390	590	700	570	50	—	—	—	680
Dishwashers .....	35-9021	3,510	—	510	390	590	700	570	50	—	—	—	680
Hosts and hostesses, restaurant, lounge, and coffee shop .....	35-9030	1,420	—	50	40	790	380	40	—	—	—	—	120
Hosts and hostesses, restaurant, lounge, and coffee shop .....	35-9031	1,420	—	50	40	790	380	40	—	—	—	—	120
Miscellaneous food preparation and serving related workers .....	35-9090	1,540	—	120	200	390	280	160	70	—	—	—	300
Food preparation and serving related workers, all other .....	35-9099	1,540	—	120	200	390	280	160	70	—	—	—	300
Building and grounds cleaning and maintenance occupations .....	37-0000	68,670	310	5,390	6,310	15,760	11,730	9,560	3,740	320	230	—	15,320
Supervisors, building and grounds cleaning and maintenance workers .....	37-1000	4,500	20	410	400	1,030	480	390	210	40	—	—	1,510
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	37-1010	4,500	20	410	400	1,030	480	390	210	40	—	—	1,510
First-line supervisors/managers of housekeeping and janitorial workers .....	37-1011	2,150	—	360	140	440	290	230	80	20	—	—	570

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	37-1012	2,350	—	50	260	590	190	160	130	20	—	—	940
Building cleaning and pest control workers .....	37-2000	48,830	280	4,570	4,450	11,430	8,570	6,610	2,880	170	200	—	9,660
Building cleaning workers .....	37-2010	47,730	280	4,440	4,420	11,120	8,350	6,450	2,830	160	200	—	9,460
Janitors and cleaners, except maids and housekeeping cleaners .....	37-2011	28,110	120	2,290	2,600	6,680	4,720	4,190	1,690	120	170	—	5,520
Maids and housekeeping cleaners ..	37-2012	18,650	160	2,070	1,700	4,140	3,520	2,210	1,100	40	30	—	3,680
Building cleaning workers, all other .....	37-2019	970	—	80	120	310	110	60	40	—	—	—	260
Pest control workers .....	37-2020	1,100	—	130	30	310	220	160	50	—	—	—	200
Pest control workers .....	37-2021	1,100	—	130	30	310	220	160	50	—	—	—	200
Grounds maintenance workers .....	37-3000	15,350	—	410	1,460	3,300	2,680	2,560	650	110	30	—	4,140
Grounds maintenance workers .....	37-3010	15,350	—	410	1,460	3,300	2,680	2,560	650	110	30	—	4,140
Landscaping and groundskeeping workers .....	37-3011	13,500	—	350	1,360	2,720	2,290	2,180	590	100	—	—	3,900
Pesticide handlers, sprayers, and applicators, vegetation .....	37-3012	80	—	—	—	—	—	—	—	—	—	—	—
Tree trimmers and pruners .....	37-3013	810	—	—	30	220	200	190	50	—	—	—	100
Grounds maintenance workers, all other .....	37-3019	960	—	50	70	310	180	200	20	—	—	—	130
Personal care and service occupations .....	39-0000	22,920	180	2,100	2,860	4,360	3,880	2,770	1,610	370	210	—	4,570
Supervisors, personal care and service workers .....	39-1000	980	—	60	50	140	170	380	40	—	—	—	120
First-line supervisors/managers of gaming workers .....	39-1010	130	—	20	—	20	20	20	—	—	—	—	30
Gaming supervisors .....	39-1011	70	—	—	—	—	—	—	—	—	—	—	20
Slot key persons .....	39-1012	60	—	—	—	20	—	—	—	—	—	—	20
First-line supervisors/managers of personal service workers .....	39-1020	850	—	40	40	120	150	360	40	—	—	—	80
First-line supervisors/managers of personal service workers .....	39-1021	850	—	40	40	120	150	360	40	—	—	—	80
Animal care and service workers .....	39-2000	2,400	—	240	730	250	300	160	400	40	—	—	270
Animal trainers .....	39-2010	120	—	—	—	30	—	—	30	—	—	—	30
Animal trainers .....	39-2011	120	—	—	—	30	—	—	30	—	—	—	30
Nonfarm animal caretakers .....	39-2020	2,280	—	220	720	220	280	160	370	30	—	—	250
Nonfarm animal caretakers .....	39-2021	2,280	—	220	720	220	280	160	370	30	—	—	250
Entertainment attendants and related workers .....	39-3000	2,110	50	220	160	430	290	240	80	20	20	—	610
Gaming services workers .....	39-3010	460	30	50	20	60	100	60	20	—	—	—	110
Gaming dealers .....	39-3011	370	20	40	—	40	90	40	20	—	—	—	90
Gaming and sports book writers and runners .....	39-3012	20	—	—	—	—	—	—	—	—	—	—	—
Gaming service workers, all other ....	39-3019	70	—	—	—	—	—	20	—	—	—	—	20
Ushers, lobby attendants, and ticket takers .....	39-3030	200	—	20	—	60	40	20	—	—	—	—	40
Ushers, lobby attendants, and ticket takers .....	39-3031	200	—	20	—	60	40	20	—	—	—	—	40

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Miscellaneous entertainment attendants and related workers .....	39-3090	1,440	20	150	130	300	150	160	50	—	—	—	460
Amusement and recreation attendants .....	39-3091	1,230	—	90	110	260	130	140	50	—	—	—	410
Costume attendants .....	39-3092	20	—	—	—	—	—	—	—	—	—	—	—
Locker room, coatroom, and dressing room attendants .....	39-3093	190	—	60	—	40	—	—	—	—	—	—	40
Funeral service workers .....	39-4000	30	—	—	—	—	—	—	—	—	—	—	—
Funeral attendants .....	39-4020	30	—	—	—	—	—	—	—	—	—	—	—
Funeral attendants .....	39-4021	30	—	—	—	—	—	—	—	—	—	—	—
Personal appearance workers .....	39-5000	1,190	—	80	110	70	200	100	—	—	—	—	610
Barbers and cosmetologists .....	39-5010	1,100	—	80	110	60	200	40	—	—	—	—	600
Barbers .....	39-5011	120	—	—	—	—	—	—	—	—	—	—	—
Hairdressers, hairstylists, and cosmetologists .....	39-5012	980	—	80	110	60	180	40	—	—	—	—	500
Miscellaneous personal appearance workers .....	39-5090	90	—	—	—	—	—	70	—	—	—	—	—
Skin care specialists .....	39-5094	80	—	—	—	—	—	70	—	—	—	—	—
Transportation, tourism, and lodging attendants .....	39-6000	5,660	20	390	490	1,290	1,310	740	460	110	30	—	810
Baggage porters, bellhops, and concierges .....	39-6010	790	—	70	70	160	170	100	30	—	—	—	170
Baggage porters and bellhops .....	39-6011	730	—	60	70	160	160	90	30	—	—	—	150
Concierges .....	39-6012	60	—	—	—	—	20	20	—	—	—	—	20
Tour and travel guides .....	39-6020	160	—	—	20	40	50	20	—	—	—	—	—
Tour guides and escorts .....	39-6021	160	—	—	20	30	50	20	—	—	—	—	—
Transportation attendants .....	39-6030	4,700	20	310	390	1,100	1,080	620	420	100	30	—	630
Flight attendants .....	39-6031	4,400	20	280	380	1,030	1,060	580	390	100	20	—	540
Transportation attendants, except flight attendants and baggage porters .....	39-6032	300	—	30	—	70	20	30	30	—	—	—	90
Other personal care and service workers .....	39-9000	10,550	100	1,110	1,330	2,170	1,620	1,140	620	190	120	—	2,150
Child care workers .....	39-9010	2,380	20	210	430	510	300	250	210	30	20	—	410
Child care workers .....	39-9011	2,380	20	210	430	510	300	250	210	30	20	—	410
Personal and home care aides .....	39-9020	5,180	60	650	640	1,070	720	590	310	140	80	—	900
Personal and home care aides .....	39-9021	5,180	60	650	640	1,070	720	590	310	140	80	—	900
Recreation and fitness workers .....	39-9030	1,700	—	150	130	480	230	190	70	—	—	—	420
Fitness trainers and aerobics instructors .....	39-9031	390	—	70	40	170	50	—	—	—	—	—	50
Recreation workers .....	39-9032	1,310	—	80	90	310	180	190	60	—	—	—	370
Residential advisors .....	39-9040	190	—	—	—	—	—	20	—	—	—	—	140
Residential advisors .....	39-9041	190	—	—	—	—	—	20	—	—	—	—	140
Miscellaneous personal care and service workers .....	39-9090	1,100	—	90	120	120	360	100	20	—	—	—	270
Personal care and service workers, all other .....	39-9099	1,100	—	90	120	120	360	100	20	—	—	—	270
Sales and related occupations .....	41-0000	69,410	590	5,770	7,270	13,490	11,530	9,830	4,670	720	230	20	15,290
Supervisors, sales workers .....	41-1000	17,240	70	1,530	1,600	2,380	2,350	3,350	1,520	300	50	—	4,100

See footnotes at end of table.



TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
First-line supervisors/managers, sales workers .....	41-1010	17,240	70	1,530	1,600	2,380	2,350	3,350	1,520	300	50	—	4,100
First-line supervisors/managers of retail sales workers .....	41-1011	15,310	30	1,410	1,480	2,150	2,130	2,780	1,220	280	50	—	3,770
First-line supervisors/managers of non-retail sales workers .....	41-1012	1,930	30	120	120	230	210	570	290	20	—	—	330
Retail sales workers .....	41-2000	42,900	430	3,430	4,970	9,550	7,660	4,850	2,430	290	140	—	9,150
Cashiers .....	41-2010	12,640	170	990	1,560	2,730	2,540	1,430	900	70	60	—	2,200
Cashiers .....	41-2011	12,360	170	970	1,530	2,710	2,530	1,270	890	70	60	—	2,160
Gaming change persons and booth cashiers .....	41-2012	290	—	20	30	—	—	160	—	—	—	—	50
Counter and rental clerks and parts salespersons .....	41-2020	1,360	90	70	80	130	460	100	70	—	—	—	340
Counter and rental clerks .....	41-2021	520	—	40	30	50	60	50	40	—	—	—	160
Parts salespersons .....	41-2022	830	—	30	50	90	400	50	30	—	—	—	170
Retail salespersons .....	41-2030	28,900	160	2,370	3,340	6,690	4,660	3,320	1,460	210	80	—	6,610
Retail salespersons .....	41-2031	28,900	160	2,370	3,340	6,690	4,660	3,320	1,460	210	80	—	6,610
Sales representatives, services .....	41-3000	3,580	40	170	240	410	660	750	310	30	—	—	940
Advertising sales agents .....	41-3010	410	—	—	20	70	40	50	100	—	—	—	100
Advertising sales agents .....	41-3011	410	—	—	20	70	40	50	100	—	—	—	100
Insurance sales agents .....	41-3020	320	—	—	30	20	80	100	—	—	—	—	60
Insurance sales agents .....	41-3021	320	—	—	30	20	80	100	—	—	—	—	60
Securities, commodities, and financial services sales agents .....	41-3030	630	—	40	—	60	—	190	—	—	—	—	320
Securities, commodities, and financial services sales agents .....	41-3031	630	—	40	—	60	—	190	—	—	—	—	320
Travel agents .....	41-3040	90	—	—	—	—	70	—	—	—	—	—	—
Travel agents .....	41-3041	90	—	—	—	—	70	—	—	—	—	—	—
Miscellaneous sales representatives, services .....	41-3090	2,140	30	120	190	270	450	410	190	30	—	—	450
Sales representatives, services, all other .....	41-3099	2,140	30	120	190	270	450	410	190	30	—	—	450
Sales representatives, wholesale and manufacturing .....	41-4000	2,980	—	310	180	670	390	590	210	80	30	—	490
Sales representatives, wholesale and manufacturing .....	41-4010	2,980	—	310	180	670	390	590	210	80	30	—	490
Sales representatives, wholesale and manufacturing, technical and scientific products .....	41-4011	810	—	40	60	120	90	310	40	30	—	—	90
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	41-4012	2,160	—	270	120	550	300	270	170	60	—	—	410
Other sales and related workers .....	41-9000	2,710	40	310	270	480	480	290	200	20	—	—	610
Models, demonstrators, and product promoters .....	41-9010	330	—	20	—	—	20	20	—	—	—	—	240
Demonstrators and product promoters .....	41-9011	330	—	20	—	—	20	20	—	—	—	—	240
Real estate brokers and sales agents ..	41-9020	130	—	—	20	40	—	50	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Real estate sales agents .....	41-9022	130	—	—	20	40	—	50	—	—	—	—	—
Sales engineers .....	41-9030	30	—	—	—	—	—	—	—	—	—	—	—
Sales engineers .....	41-9031	30	—	—	—	—	—	—	—	—	—	—	—
Telemarketers .....	41-9040	270	20	40	20	50	50	40	—	—	—	—	30
Telemarketers .....	41-9041	270	20	40	20	50	50	40	—	—	—	—	30
Miscellaneous sales and related workers .....	41-9090	1,950	20	240	220	350	410	190	180	20	—	—	320
Door-to-door sales workers, news and street vendors, and related workers .....	41-9091	80	—	20	—	20	20	—	—	—	—	—	—
Sales and related workers, all other	41-9099	1,870	20	230	220	330	390	170	180	20	—	—	320
Office and administrative support occupations .....	43-0000	80,410	1,490	6,950	8,680	16,630	13,280	9,750	4,580	980	180	20	17,870
Supervisors, office and administrative support workers .....	43-1000	4,940	30	620	190	880	890	350	420	150	—	—	1,400
First-line supervisors/managers of office and administrative support workers .....	43-1010	4,940	30	620	190	880	890	350	420	150	—	—	1,400
First-line supervisors/managers of office and administrative support workers .....	43-1011	4,940	30	620	190	880	890	350	420	150	—	—	1,400
Communications equipment operators .....	43-2000	360	30	40	20	50	30	—	40	—	—	—	130
Switchboard operators, including answering service .....	43-2010	120	—	—	—	30	—	—	20	—	—	—	30
Switchboard operators, including answering service .....	43-2011	120	—	—	—	30	—	—	20	—	—	—	30
Telephone operators .....	43-2020	190	20	20	—	20	20	—	—	—	—	—	80
Telephone operators .....	43-2021	190	20	20	—	20	20	—	—	—	—	—	80
Miscellaneous communications equipment operators .....	43-2090	50	—	—	—	—	—	—	—	—	—	—	20
Communications equipment operators, all other .....	43-2099	50	—	—	—	—	—	—	—	—	—	—	20
Financial clerks .....	43-3000	5,830	180	520	580	1,340	760	600	420	20	—	—	1,400
Bill and account collectors .....	43-3010	720	40	70	40	130	190	40	20	—	—	—	190
Bill and account collectors .....	43-3011	720	40	70	40	130	190	40	20	—	—	—	190
Billing and posting clerks and machine operators .....	43-3020	850	20	50	60	120	140	30	20	—	—	—	400
Billing and posting clerks and machine operators .....	43-3021	850	20	50	60	120	140	30	20	—	—	—	400
Bookkeeping, accounting, and auditing clerks .....	43-3030	1,920	60	300	80	560	180	180	190	—	—	—	350
Bookkeeping, accounting, and auditing clerks .....	43-3031	1,920	60	300	80	560	180	180	190	—	—	—	350
Gaming cage workers .....	43-3040	60	—	—	—	—	—	—	—	—	—	—	20
Gaming cage workers .....	43-3041	60	—	—	—	—	—	—	—	—	—	—	20
Payroll and timekeeping clerks .....	43-3050	200	—	—	—	20	20	40	—	—	—	—	60
Payroll and timekeeping clerks .....	43-3051	200	—	—	—	20	20	40	—	—	—	—	60
Procurement clerks .....	43-3060	110	—	—	—	—	—	20	20	—	—	—	50

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported	
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours		
Procurement clerks .....	43-3061	110	—	—	—	—	—	—	20	20	—	—	—	50
Tellers .....	43-3070	1,970	40	80	370	490	220	280	160	—	—	—	—	330
Tellers .....	43-3071	1,970	40	80	370	490	220	280	160	—	—	—	—	330
Information and record clerks .....	43-4000	20,280	660	1,840	2,360	3,930	3,170	2,730	1,000	360	40	—	—	4,170
Correspondence clerks .....	43-4020	20	—	—	—	—	—	—	—	—	—	—	—	20
Correspondence clerks .....	43-4021	20	—	—	—	—	—	—	—	—	—	—	—	20
Credit authorizers, checkers, and clerks .....	43-4040	160	—	—	—	20	20	30	—	—	—	—	—	60
Credit authorizers, checkers, and clerks .....	43-4041	160	—	—	—	20	20	30	—	—	—	—	—	60
Customer service representatives .....	43-4050	10,120	400	830	1,270	1,950	1,180	780	620	150	20	—	—	2,920
Customer service representatives ...	43-4051	10,120	400	830	1,270	1,950	1,180	780	620	150	20	—	—	2,920
Eligibility interviewers, government programs .....	43-4060	60	—	—	—	—	—	—	—	—	—	—	—	—
Eligibility interviewers, government programs .....	43-4061	60	—	—	—	—	—	—	—	—	—	—	—	—
File clerks .....	43-4070	510	20	160	50	90	50	20	—	—	—	—	—	100
File clerks .....	43-4071	510	20	160	50	90	50	20	—	—	—	—	—	100
Hotel, motel, and resort desk clerks .....	43-4080	440	—	70	—	60	40	160	50	—	—	—	—	30
Hotel, motel, and resort desk clerks .....	43-4081	440	—	70	—	60	40	160	50	—	—	—	—	30
Interviewers, except eligibility and loan .....	43-4110	410	20	40	20	70	40	30	—	110	—	—	—	80
Interviewers, except eligibility and loan .....	43-4111	410	20	40	20	70	40	30	—	110	—	—	—	80
Library assistants, clerical .....	43-4120	50	—	—	—	—	—	—	—	—	—	—	—	40
Library assistants, clerical .....	43-4121	50	—	—	—	—	—	—	—	—	—	—	—	40
Loan interviewers and clerks .....	43-4130	210	—	30	—	—	20	110	—	—	—	—	—	40
Loan interviewers and clerks .....	43-4131	210	—	30	—	—	20	110	—	—	—	—	—	40
New accounts clerks .....	43-4140	30	—	—	—	—	—	—	—	—	—	—	—	20
New accounts clerks .....	43-4141	30	—	—	—	—	—	—	—	—	—	—	—	20
Order clerks .....	43-4150	250	—	70	20	30	30	—	—	—	—	—	—	70
Order clerks .....	43-4151	250	—	70	20	30	30	—	—	—	—	—	—	70
Human resources assistants, except payroll and timekeeping .....	43-4160	90	—	30	—	20	—	—	—	—	—	—	—	20
Human resources assistants, except payroll and timekeeping .....	43-4161	90	—	30	—	20	—	—	—	—	—	—	—	20
Receptionists and information clerks ...	43-4170	2,260	130	170	80	650	500	310	100	20	—	—	—	310
Receptionists and information clerks ...	43-4171	2,260	130	170	80	650	500	310	100	20	—	—	—	310
Reservation and transportation ticket agents and travel clerks .....	43-4180	4,920	40	420	800	950	1,000	1,190	150	80	—	—	—	280
Reservation and transportation ticket agents and travel clerks .....	43-4181	4,920	40	420	800	950	1,000	1,190	150	80	—	—	—	280
Miscellaneous information and record clerks .....	43-4190	740	30	20	60	80	280	40	50	—	—	—	—	190
Information and record clerks, all other .....	43-4199	740	30	20	60	80	280	40	50	—	—	—	—	190
Material recording, scheduling, dispatching, and distributing workers .....	43-5000	30,780	170	2,360	3,740	7,030	5,260	4,090	1,660	310	70	—	—	6,070
Cargo and freight agents .....	43-5010	1,580	—	110	160	470	400	260	60	40	—	—	—	60

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Cargo and freight agents .....	43-5011	1,580	—	110	160	470	400	260	60	40	—	—	60
Couriers and messengers .....	43-5020	1,660	—	110	160	320	190	220	60	—	—	—	590
Couriers and messengers .....	43-5021	1,660	—	110	160	320	190	220	60	—	—	—	590
Dispatchers .....	43-5030	530	—	80	60	90	90	60	70	30	—	—	40
Dispatchers, except police, fire, and ambulance .....	43-5032	520	—	80	60	90	90	60	70	30	—	—	40
Meter readers, utilities .....	43-5040	590	—	30	90	160	100	110	20	—	—	—	60
Meter readers, utilities .....	43-5041	590	—	30	90	160	100	110	20	—	—	—	60
Production, planning, and expediting clerks .....	43-5060	1,420	20	50	90	290	520	140	50	—	—	—	260
Production, planning, and expediting clerks .....	43-5061	1,420	20	50	90	290	520	140	50	—	—	—	260
Shipping, receiving, and traffic clerks ..	43-5070	6,240	20	480	770	1,370	920	860	340	70	30	—	1,360
Shipping, receiving, and traffic clerks .....	43-5071	6,240	20	480	770	1,370	920	860	340	70	30	—	1,360
Stock clerks and order fillers .....	43-5080	18,020	90	1,470	2,310	4,100	2,930	2,370	1,030	140	30	—	3,550
Stock clerks and order fillers .....	43-5081	18,020	90	1,470	2,310	4,100	2,930	2,370	1,030	140	30	—	3,550
Weighers, measurers, checkers, and samplers, recordkeeping .....	43-5110	740	20	30	100	230	100	70	40	—	—	—	150
Weighers, measurers, checkers, and samplers, recordkeeping .....	43-5111	740	20	30	100	230	100	70	40	—	—	—	150
Secretaries and administrative assistants	43-6000	6,520	120	420	530	1,170	1,550	500	460	40	—	—	1,720
Secretaries and administrative assistants .....	43-6010	6,520	120	420	530	1,170	1,550	500	460	40	—	—	1,720
Executive secretaries and administrative assistants .....	43-6011	3,960	70	220	320	850	910	260	270	20	—	—	1,040
Legal secretaries .....	43-6012	490	—	—	30	70	80	40	20	—	—	—	230
Medical secretaries .....	43-6013	710	30	80	80	80	130	90	50	—	—	—	140
Secretaries, except legal, medical, and executive .....	43-6014	1,360	30	110	100	170	440	110	110	—	—	—	300
Other office and administrative support workers .....	43-9000	11,710	290	1,140	1,270	2,210	1,620	1,470	580	90	50	—	2,980
Computer operators .....	43-9010	190	—	—	—	30	—	70	—	—	—	—	40
Computer operators .....	43-9011	190	—	—	—	30	—	70	—	—	—	—	40
Data entry and information processing workers .....	43-9020	710	50	230	50	50	60	40	40	—	—	—	200
Data entry keyers .....	43-9021	490	50	80	30	50	50	40	20	—	—	—	180
Word processors and typists .....	43-9022	220	—	150	—	—	20	—	—	—	—	—	20
Insurance claims and policy processing clerks .....	43-9040	520	40	50	30	120	70	50	30	—	—	—	140
Insurance claims and policy processing clerks .....	43-9041	520	40	50	30	120	70	50	30	—	—	—	140
Mail clerks and mail machine operators, except postal service .....	43-9050	1,470	—	130	110	290	210	210	40	—	—	—	460
Mail clerks and mail machine operators, except postal service .....	43-9051	1,470	—	130	110	290	210	210	40	—	—	—	460
Office clerks, general .....	43-9060	5,140	170	350	620	1,060	800	600	300	40	20	—	1,170
Office clerks, general .....	43-9061	5,140	170	350	620	1,060	800	600	300	40	20	—	1,170

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Office machine operators, except computer .....	43-9070	270	—	20	—	60	20	80	—	—	—	—	60
Office machine operators, except computer .....	43-9071	270	—	20	—	60	20	80	—	—	—	—	60
Proofreaders and copy markers .....	43-9080	50	—	—	—	—	—	30	—	—	—	—	—
Proofreaders and copy markers .....	43-9081	50	—	—	—	—	—	30	—	—	—	—	—
Miscellaneous office and administrative support workers .....	43-9190	3,340	30	350	440	600	430	390	150	—	30	—	900
Office and administrative support workers, all other .....	43-9199	3,340	30	350	440	600	430	390	150	—	30	—	900
Farming, fishing, and forestry occupations ..	45-0000	13,510	30	800	1,110	2,560	2,150	1,860	1,080	330	110	—	3,470
Supervisors, farming, fishing, and forestry workers .....	45-1000	340	—	—	20	90	80	50	30	—	—	—	60
First-line supervisors/managers of farming, fishing, and forestry workers .....	45-1010	340	—	—	20	90	80	50	30	—	—	—	60
First-line supervisors/managers of farming, fishing, and forestry workers .....	45-1011	330	—	—	20	90	80	50	30	—	—	—	50
Agricultural workers .....	45-2000	12,150	30	720	1,040	2,230	1,940	1,690	960	280	80	—	3,170
Graders and sorters, agricultural products .....	45-2040	410	—	—	200	40	30	20	30	—	—	—	70
Graders and sorters, agricultural products .....	45-2041	410	—	—	200	40	30	20	30	—	—	—	70
Miscellaneous agricultural workers .....	45-2090	11,720	30	710	840	2,180	1,900	1,670	930	280	80	—	3,100
Agricultural equipment operators .....	45-2091	530	—	20	40	150	80	130	40	—	—	—	60
Farmworkers and laborers, crop, nursery, and greenhouse .....	45-2092	7,520	20	400	490	1,190	1,460	1,140	630	210	60	—	1,920
Farmworkers, farm and ranch animals .....	45-2093	3,460	—	290	290	840	340	370	250	60	20	—	1,000
Agricultural workers, all other .....	45-2099	220	—	—	—	—	20	20	20	—	—	—	120
Fishing and hunting workers .....	45-3000	110	—	20	—	20	—	—	—	—	—	—	60
Fishers and related fishing workers .....	45-3010	110	—	20	—	20	—	—	—	—	—	—	60
Fishers and related fishing workers .....	45-3011	110	—	20	—	20	—	—	—	—	—	—	60
Forest, conservation, and logging workers .....	45-4000	900	—	50	40	220	130	120	80	50	30	—	190
Forest and conservation workers .....	45-4010	80	—	—	20	20	—	—	—	—	—	—	—
Forest and conservation workers .....	45-4011	80	—	—	20	20	—	—	—	—	—	—	—
Logging workers .....	45-4020	820	—	50	20	190	120	110	80	40	30	—	170
Fallers .....	45-4021	90	—	—	—	40	20	—	—	—	—	—	—
Logging equipment operators .....	45-4022	80	—	—	—	—	20	—	—	20	—	—	30
Log graders and scalers .....	45-4023	30	—	—	—	—	—	—	—	—	—	—	20
Logging workers, all other .....	45-4029	620	—	30	—	150	80	100	80	30	—	—	120
Construction and extraction occupations .....	47-0000	120,890	340	6,790	10,780	24,390	18,200	17,890	9,060	1,340	240	20	31,830
Supervisors, construction and extraction workers .....	47-1000	7,230	50	430	650	1,690	1,030	830	500	130	—	—	1,910
First-line supervisors/managers of construction trades and extraction workers .....	47-1010	7,230	50	430	650	1,690	1,030	830	500	130	—	—	1,910

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
First-line supervisors/managers of construction trades and extraction workers .....	47-1011	7,230	50	430	650	1,690	1,030	830	500	130	—	—	1,910
Construction trades workers .....	47-2000	99,010	280	5,950	9,180	20,470	15,260	15,270	7,550	1,050	190	20	23,800
Boilermakers .....	47-2010	870	—	—	390	60	20	20	—	—	—	—	360
Boilermakers .....	47-2011	870	—	—	390	60	20	20	—	—	—	—	360
Brickmasons, blockmasons, and stonemasons .....	47-2020	2,790	—	90	850	600	190	330	300	—	—	—	410
Brickmasons and blockmasons .....	47-2021	1,690	—	70	190	230	180	300	300	—	—	—	400
Stonemasons .....	47-2022	1,100	—	20	660	380	—	30	—	—	—	—	—
Carpenters .....	47-2030	18,160	20	1,010	1,840	3,670	2,550	2,890	960	120	20	—	5,090
Carpenters .....	47-2031	18,160	20	1,010	1,840	3,670	2,550	2,890	960	120	20	—	5,090
Carpet, floor, and tile installers and finishers .....	47-2040	1,470	100	20	310	410	110	120	—	—	—	—	390
Carpet installers .....	47-2041	310	—	—	20	40	—	20	—	—	—	—	220
Floor layers, except carpet, wood, and hard tiles .....	47-2042	190	—	—	—	40	30	20	—	—	—	—	80
Floor sanders and finishers .....	47-2043	620	100	—	—	250	—	—	—	—	—	—	—
Tile and marble setters .....	47-2044	350	—	—	30	80	50	90	—	—	—	—	80
Cement masons, concrete finishers, and terrazzo workers .....	47-2050	1,620	—	140	120	740	180	170	80	—	—	—	190
Cement masons and concrete finishers .....	47-2051	1,590	—	140	120	720	180	160	80	—	—	—	190
Terrazzo workers and finishers .....	47-2053	30	—	—	—	20	—	—	—	—	—	—	—
Construction laborers .....	47-2060	31,310	60	1,700	1,920	6,110	6,080	5,020	2,830	410	90	—	7,080
Construction laborers .....	47-2061	31,310	60	1,700	1,920	6,110	6,080	5,020	2,830	410	90	—	7,080
Construction equipment operators .....	47-2070	3,610	20	230	230	930	480	400	280	140	—	—	890
Paving, surfacing, and tamping equipment operators .....	47-2071	230	—	—	—	50	80	40	20	—	—	—	20
Pile-driver operators .....	47-2072	110	—	60	—	—	—	—	—	—	—	—	—
Operating engineers and other construction equipment operators ..	47-2073	3,260	20	160	220	860	390	350	260	140	—	—	850
Drywall installers, ceiling tile installers, and tapers .....	47-2080	2,620	—	210	180	500	320	370	110	20	—	—	910
Drywall and ceiling tile installers .....	47-2081	2,140	—	190	140	390	200	290	100	20	—	—	810
Tapers .....	47-2082	470	—	20	40	110	120	70	—	—	—	—	100
Electricians .....	47-2110	10,320	20	680	950	2,150	1,500	1,900	700	140	20	—	2,260
Electricians .....	47-2111	10,320	20	680	950	2,150	1,500	1,900	700	140	20	—	2,260
Glaziers .....	47-2120	1,520	—	150	110	280	440	150	90	—	—	—	300
Glaziers .....	47-2121	1,520	—	150	110	280	440	150	90	—	—	—	300
Insulation workers .....	47-2130	1,000	—	60	90	140	170	200	40	—	—	—	260
Insulation workers, floor, ceiling, and wall .....	47-2131	780	—	60	60	130	140	110	40	—	—	—	220
Insulation workers, mechanical .....	47-2132	220	—	—	30	—	40	90	—	—	—	—	40
Painters and paperhangers .....	47-2140	4,150	—	190	660	1,000	450	600	340	20	—	—	880
Painters, construction and maintenance .....	47-2141	4,110	—	190	660	1,000	450	600	340	20	—	—	850
Paperhangers .....	47-2142	40	—	—	—	—	—	—	—	—	—	—	40

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Pipelayers, plumbers, pipefitters, and steamfitters .....	47-2150	9,720	20	710	760	2,050	1,420	1,410	940	60	—	—	2,340
Pipelayers .....	47-2151	490	—	70	70	140	40	80	30	—	—	—	60
Plumbers, pipefitters, and steamfitters .....	47-2152	9,230	20	640	690	1,910	1,370	1,330	910	60	—	—	2,280
Plasterers and stucco masons .....	47-2160	380	—	—	20	90	70	80	40	—	—	—	70
Plasterers and stucco masons .....	47-2161	380	—	—	20	90	70	80	40	—	—	—	70
Reinforcing iron and rebar workers .....	47-2170	960	—	110	30	160	110	120	90	—	—	—	320
Reinforcing iron and rebar workers ..	47-2171	960	—	110	30	160	110	120	90	—	—	—	320
Roofers .....	47-2180	3,400	—	250	220	660	550	600	160	80	—	—	890
Roofers .....	47-2181	3,400	—	250	220	660	550	600	160	80	—	—	890
Sheet metal workers .....	47-2210	3,050	—	210	260	500	420	490	380	—	—	—	780
Sheet metal workers .....	47-2211	3,050	—	210	260	500	420	490	380	—	—	—	780
Structural iron and steel workers .....	47-2220	2,040	—	160	260	430	220	410	170	—	—	—	380
Structural iron and steel workers .....	47-2221	2,040	—	160	260	430	220	410	170	—	—	—	380
Helpers, construction trades .....	47-3000	4,480	—	160	610	970	940	710	160	30	—	—	900
Helpers, construction trades .....	47-3010	4,480	—	160	610	970	940	710	160	30	—	—	900
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	47-3011	240	—	—	20	50	50	40	—	—	—	—	70
Helpers--carpenters .....	47-3012	930	—	—	400	200	60	120	—	—	—	—	130
Helpers--electricians .....	47-3013	810	—	30	50	240	150	140	40	—	—	—	150
Helpers--painters, paperhangers, plasterers, and stucco masons .....	47-3014	80	—	—	—	30	—	20	—	—	—	—	—
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	47-3015	870	—	60	50	130	200	180	40	—	—	—	220
Helpers--roofers .....	47-3016	230	—	—	—	—	110	30	20	—	—	—	50
Helpers, construction trades, all other .....	47-3019	1,320	—	50	90	300	360	190	40	20	—	—	280
Other construction and related workers ...	47-4000	3,830	—	140	180	800	440	700	520	40	20	—	980
Construction and building inspectors ...	47-4010	430	—	—	—	20	—	—	70	—	—	—	—
Construction and building inspectors .....	47-4011	430	—	—	—	20	—	—	70	—	—	—	—
Elevator installers and repairers .....	47-4020	360	—	—	30	120	40	20	20	—	—	—	120
Elevator installers and repairers .....	47-4021	360	—	—	30	120	40	20	20	—	—	—	120
Fence erectors .....	47-4030	410	—	—	40	50	90	130	—	—	—	—	90
Fence erectors .....	47-4031	410	—	—	40	50	90	130	—	—	—	—	90
Hazardous materials removal workers .....	47-4040	150	—	20	20	30	20	20	—	—	—	—	20
Hazardous materials removal workers .....	47-4041	150	—	20	20	30	20	20	—	—	—	—	20
Highway maintenance workers .....	47-4050	190	—	—	—	30	40	90	—	—	—	—	—
Highway maintenance workers .....	47-4051	190	—	—	—	30	40	90	—	—	—	—	—
Rail-track laying and maintenance equipment operators .....	47-4060	150	—	—	—	—	—	—	—	—	—	—	150
Rail-track laying and maintenance equipment operators .....	47-4061	150	—	—	—	—	—	—	—	—	—	—	150
Septic tank servicers and sewer pipe cleaners .....	47-4070	70	—	—	—	—	—	30	—	—	—	—	40

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported	
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours		
Septic tank servicers and sewer pipe cleaners .....	47-4071	70	—	—	—	—	—	—	30	—	—	—	—	40
Miscellaneous construction and related workers .....	47-4090	2,060	—	110	90	530	250	90	400	30	—	—	—	550
Construction and related workers, all other .....	47-4099	2,060	—	110	90	530	250	90	400	30	—	—	—	550
Extraction workers .....	47-5000	6,350	—	120	160	470	520	370	330	100	30	—	—	4,250
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	47-5010	2,600	—	20	40	90	130	60	20	20	—	—	—	2,200
Derrick operators, oil and gas .....	47-5011	210	—	—	20	40	30	20	—	—	—	—	—	60
Rotary drill operators, oil and gas .....	47-5012	2,320	—	—	20	40	60	40	—	—	—	—	—	2,130
Service unit operators, oil, gas, and mining .....	47-5013	70	—	—	—	—	40	—	—	—	—	—	—	—
Earth drillers, except oil and gas .....	47-5020	420	—	20	30	50	140	60	—	—	—	—	—	110
Earth drillers, except oil and gas .....	47-5021	420	—	20	30	50	140	60	—	—	—	—	—	110
Explosives workers, ordnance handling experts, and blasters .....	47-5030	20	—	—	—	—	—	—	—	—	—	—	—	20
Explosives workers, ordnance handling experts, and blasters .....	47-5031	20	—	—	—	—	—	—	—	—	—	—	—	20
Mining machine operators .....	47-5040	650	—	—	—	60	—	30	—	—	—	—	—	500
Continuous mining machine operators .....	47-5041	120	—	—	—	—	—	—	—	—	—	—	—	120
Mine cutting and channeling machine operators .....	47-5042	30	—	—	—	—	—	—	—	—	—	—	—	30
Mining machine operators, all other .....	47-5049	510	—	—	—	60	—	30	—	—	—	—	—	360
Roof bolters, mining .....	47-5060	440	—	—	—	—	—	—	—	—	—	—	—	440
Roof bolters, mining .....	47-5061	440	—	—	—	—	—	—	—	—	—	—	—	440
Roustabouts, oil and gas .....	47-5070	220	—	—	—	60	20	20	70	—	—	—	—	20
Roustabouts, oil and gas .....	47-5071	220	—	—	—	60	20	20	70	—	—	—	—	20
Helpers--extraction workers .....	47-5080	450	—	—	20	70	70	20	170	—	—	—	—	80
Helpers--extraction workers .....	47-5081	450	—	—	20	70	70	20	170	—	—	—	—	80
Miscellaneous extraction workers .....	47-5090	1,500	—	40	50	140	140	150	60	40	—	—	—	880
Extraction workers, all other .....	47-5099	1,500	—	40	50	140	140	150	60	40	—	—	—	880
Installation, maintenance, and repair occupations .....	49-0000	93,880	470	5,260	8,730	18,890	14,050	15,650	7,420	1,690	440	—	—	21,290
Supervisors of installation, maintenance, and repair workers .....	49-1000	2,990	—	180	250	320	470	460	540	20	—	—	—	740
First-line supervisors/managers of mechanics, installers, and repairers ..	49-1010	2,990	—	180	250	320	470	460	540	20	—	—	—	740
First-line supervisors/managers of mechanics, installers, and repairers .....	49-1011	2,990	—	180	250	320	470	460	540	20	—	—	—	740
Electrical and electronic equipment mechanics, installers, and repairers .....	49-2000	7,720	20	550	590	1,170	1,400	1,470	680	100	—	—	—	1,730
Computer, automated teller, and office machine repairers .....	49-2010	1,390	—	110	60	120	170	490	50	—	—	—	—	400
Computer, automated teller, and office machine repairers .....	49-2011	1,390	—	110	60	120	170	490	50	—	—	—	—	400

See footnotes at end of table.



TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Radio and telecommunications equipment installers and repairers .....	49-2020	3,670	20	300	330	710	690	580	480	70	—	—	500
Radio mechanics .....	49-2021	40	—	—	—	—	—	—	20	—	—	—	—
Telecommunications equipment installers and repairers, except line installers .....	49-2022	3,630	20	300	330	690	690	580	460	70	—	—	490
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	49-2090	2,660	—	150	200	340	550	410	150	30	—	—	830
Avionics technicians .....	49-2091	130	—	—	—	20	—	60	—	—	—	—	—
Electric motor, power tool, and related repairers .....	49-2092	260	—	80	20	50	20	20	—	—	—	—	70
Electrical and electronics installers and repairers, transportation equipment .....	49-2093	230	—	—	—	30	70	—	40	—	—	—	80
Electrical and electronics repairers, commercial and industrial equipment .....	49-2094	260	—	20	—	40	100	80	—	—	—	—	—
Electrical and electronics repairers, powerhouse, substation, and relay	49-2095	40	—	—	—	—	—	—	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles .....	49-2096	290	—	—	20	—	200	—	—	—	—	—	40
Electronic home entertainment equipment installers and repairers	49-2097	610	—	—	130	90	80	90	40	—	—	—	150
Security and fire alarm systems installers .....	49-2098	850	—	20	30	90	70	130	50	—	—	—	460
Vehicle and mobile equipment mechanics, installers, and repairers .....	49-3000	29,780	300	1,390	3,170	6,530	4,330	5,340	2,180	420	130	—	5,970
Aircraft mechanics and service technicians .....	49-3010	2,170	—	170	220	320	630	480	120	40	20	—	160
Aircraft mechanics and service technicians .....	49-3011	2,170	—	170	220	320	630	480	120	40	20	—	160
Automotive technicians and repairers ..	49-3020	17,340	290	820	2,130	4,070	2,220	3,240	1,090	190	100	—	3,190
Automotive body and related repairers .....	49-3021	2,410	—	340	210	690	80	490	120	—	—	—	460
Automotive glass installers and repairers .....	49-3022	480	—	—	—	—	40	340	—	—	—	—	40
Automotive service technicians and mechanics .....	49-3023	14,440	290	480	1,890	3,370	2,100	2,400	940	180	100	—	2,680
Bus and truck mechanics and diesel engine specialists .....	49-3030	4,550	—	210	240	1,240	640	720	490	40	—	—	970
Bus and truck mechanics and diesel engine specialists .....	49-3031	4,550	—	210	240	1,240	640	720	490	40	—	—	970
Heavy vehicle and mobile equipment service technicians and mechanics ...	49-3040	3,050	—	90	230	510	460	540	330	90	—	—	780
Farm equipment mechanics .....	49-3041	670	—	20	30	90	100	150	60	40	—	—	180
Mobile heavy equipment mechanics, except engines .....	49-3042	1,910	—	60	180	350	320	360	240	50	—	—	350

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TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

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			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Rail car repairers .....	49-3043	460	—	20	20	70	40	30	30	—	—	—	250
Small engine mechanics .....	49-3050	370	—	—	20	30	—	40	—	—	—	—	260
Motorboat mechanics .....	49-3051	30	—	—	—	—	—	—	—	—	—	—	—
Motorcycle mechanics .....	49-3052	180	—	—	—	—	—	30	—	—	—	—	100
Outdoor power equipment and other small engine mechanics .....	49-3053	170	—	—	—	—	—	—	—	—	—	—	140
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers .....	49-3090	2,290	—	90	330	370	370	320	150	60	—	—	600
Bicycle repairers .....	49-3091	60	—	—	—	—	—	—	—	—	—	—	—
Recreational vehicle service technicians .....	49-3092	60	—	20	—	—	—	—	—	—	—	—	—
Tire repairers and changers .....	49-3093	2,170	—	70	330	360	350	310	150	60	—	—	540
Other installation, maintenance, and repair occupations .....	49-9000	53,380	140	3,140	4,720	10,870	7,840	8,380	4,010	1,140	290	—	12,850
Control and valve installers and repairers .....	49-9010	340	—	—	30	50	30	90	20	—	40	—	70
Mechanical door repairers .....	49-9011	110	—	—	—	—	—	40	—	—	—	—	—
Control and valve installers and repairers, except mechanical door .....	49-9012	220	—	—	30	50	20	50	20	—	20	—	40
Heating, air conditioning, and refrigeration mechanics and installers .....	49-9020	5,400	—	250	420	900	1,080	890	470	70	—	—	1,300
Heating, air conditioning, and refrigeration mechanics and installers .....	49-9021	5,400	—	250	420	900	1,080	890	470	70	—	—	1,300
Home appliance repairers .....	49-9030	400	—	—	—	70	30	20	20	—	—	—	250
Home appliance repairers .....	49-9031	400	—	—	—	70	30	20	20	—	—	—	250
Industrial machinery installation, repair, and maintenance workers .....	49-9040	30,760	100	2,020	3,170	6,440	4,410	4,930	2,200	770	190	—	6,530
Industrial machinery mechanics .....	49-9041	7,820	—	520	780	1,580	1,150	1,140	510	380	40	—	1,710
Maintenance and repair workers, general .....	49-9042	20,800	90	1,350	2,220	4,350	2,910	3,350	1,570	350	130	—	4,480
Maintenance workers, machinery .....	49-9043	1,360	—	110	90	300	180	360	50	30	20	—	230
Millwrights .....	49-9044	770	—	40	80	200	170	90	60	—	—	—	110
Line installers and repairers .....	49-9050	5,590	20	320	400	1,210	890	930	500	180	40	—	1,100
Electrical power-line installers and repairers .....	49-9051	1,890	—	110	110	410	350	340	160	80	—	—	300
Telecommunications line installers and repairers .....	49-9052	3,710	—	210	290	800	540	590	330	100	30	—	800
Precision instrument and equipment repairers .....	49-9060	550	—	40	20	190	50	70	110	—	—	—	60
Medical equipment repairers .....	49-9062	70	—	—	—	20	—	20	—	—	—	—	—
Musical instrument repairers and tuners .....	49-9063	180	—	—	—	—	—	—	—	—	—	—	—
Precision instrument and equipment repairers, all other .....	49-9069	280	—	30	—	30	30	40	90	—	—	—	50
Miscellaneous installation, maintenance, and repair workers .....	49-9090	10,340	—	500	660	2,010	1,360	1,440	700	110	20	—	3,530

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred											
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported	
Coin, vending, and amusement machine servicers and repairers .....	49-9091	1,670	—	—	60	340	70	40	—	—	—	—	—	1,140
Locksmiths and safe repairers .....	49-9094	50	—	—	—	—	—	—	—	—	—	—	—	—
Manufactured building and mobile home installers .....	49-9095	80	—	—	20	30	—	—	—	—	—	—	—	—
Riggers .....	49-9096	330	—	—	—	100	40	30	40	—	—	—	—	80
Signal and track switch repairers .....	49-9097	110	—	—	—	—	—	—	—	—	—	—	—	110
Helpers--installation, maintenance, and repair workers .....	49-9098	1,420	—	40	120	260	260	90	100	—	—	—	—	530
Installation, maintenance, and repair workers, all other .....	49-9099	6,680	—	420	440	1,270	960	1,270	540	100	—	—	—	1,670
Production occupations .....	51-0000	138,890	890	10,050	13,060	28,120	22,580	19,870	10,880	2,750	640	40	—	30,010
Supervisors, production workers .....	51-1000	4,830	30	310	470	1,070	760	630	650	130	—	—	—	780
First-line supervisors/managers of production and operating workers .....	51-1010	4,830	30	310	470	1,070	760	630	650	130	—	—	—	780
First-line supervisors/managers of production and operating workers ..	51-1011	4,830	30	310	470	1,070	760	630	650	130	—	—	—	780
Assemblers and fabricators .....	51-2000	21,450	180	1,540	1,700	4,400	3,260	2,820	1,710	280	60	—	—	5,490
Aircraft structure, surfaces, rigging, and systems assemblers .....	51-2010	790	—	130	60	130	40	100	20	—	—	—	—	320
Aircraft structure, surfaces, rigging, and systems assemblers .....	51-2011	790	—	130	60	130	40	100	20	—	—	—	—	320
Electrical, electronics, and electromechanical assemblers .....	51-2020	1,350	40	60	120	200	150	210	160	20	—	—	—	400
Coil winders, tapers, and finishers ...	51-2021	110	—	—	—	20	—	30	—	—	—	—	—	20
Electrical and electronic equipment assemblers .....	51-2022	1,180	40	50	110	170	130	170	150	20	—	—	—	350
Electromechanical equipment assemblers .....	51-2023	60	—	—	—	—	—	—	—	—	—	—	—	30
Engine and other machine assemblers .....	51-2030	560	—	60	60	120	70	50	40	—	—	—	—	150
Engine and other machine assemblers .....	51-2031	560	—	60	60	120	70	50	40	—	—	—	—	150
Structural metal fabricators and fitters .....	51-2040	80	—	—	—	20	—	—	—	—	—	—	—	20
Structural metal fabricators and fitters .....	51-2041	80	—	—	—	20	—	—	—	—	—	—	—	20
Miscellaneous assemblers and fabricators .....	51-2090	18,660	150	1,280	1,450	3,940	2,990	2,460	1,480	260	60	—	—	4,590
Fiberglass laminators and fabricators .....	51-2091	450	—	40	—	40	60	40	—	—	—	—	—	230
Team assemblers .....	51-2092	360	—	20	20	90	50	40	20	—	—	—	—	120
Timing device assemblers, adjusters, and calibrators .....	51-2093	60	—	—	—	—	—	—	—	—	—	—	—	—
Assemblers and fabricators, all other .....	51-2099	17,800	140	1,180	1,410	3,810	2,880	2,370	1,450	250	60	—	—	4,240
Food processing workers .....	51-3000	7,240	20	460	600	1,760	990	1,130	410	120	20	—	—	1,730
Bakers .....	51-3010	1,430	—	140	100	390	150	200	40	50	—	—	—	350
Bakers .....	51-3011	1,430	—	140	100	390	150	200	40	50	—	—	—	350
Butchers and other meat, poultry, and fish processing workers .....	51-3020	4,170	—	200	370	990	570	620	270	40	—	—	—	1,090

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Butchers and meat cutters .....	51-3021	2,650	—	120	290	740	380	400	120	—	—	—	590
Meat, poultry, and fish cutters and trimmers .....	51-3022	1,190	—	60	50	180	140	160	100	20	—	—	450
Slaughterers and meat packers .....	51-3023	320	—	—	30	70	50	50	50	—	—	—	50
Miscellaneous food processing workers .....	51-3090	1,640	—	120	120	380	270	320	100	40	—	—	290
Food and tobacco roasting, baking, and drying machine operators and tenders .....	51-3091	230	—	—	—	60	60	40	—	—	—	—	20
Food batchmakers .....	51-3092	1,160	—	80	40	280	180	240	70	30	—	—	240
Food cooking machine operators and tenders .....	51-3093	260	—	30	70	40	40	30	—	—	—	—	40
Metal workers and plastic workers .....	51-4000	33,580	120	2,010	2,960	6,570	5,840	5,040	2,740	680	130	—	7,490
Computer control programmers and operators .....	51-4010	440	—	20	30	50	110	110	20	—	—	—	80
Computer-controlled machine tool operators, metal and plastic .....	51-4011	420	—	20	30	50	100	110	20	—	—	—	80
Forming machine setters, operators, and tenders, metal and plastic .....	51-4020	1,110	—	60	110	220	190	250	90	40	—	—	150
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	51-4021	340	—	20	50	60	60	60	—	30	—	—	40
Forging machine setters, operators, and tenders, metal and plastic .....	51-4022	320	—	20	30	50	50	80	50	—	—	—	30
Rolling machine setters, operators, and tenders, metal and plastic .....	51-4023	450	—	20	30	100	80	110	30	—	—	—	80
Machine tool cutting setters, operators, and tenders, metal and plastic .....	51-4030	4,710	20	280	480	970	740	800	400	70	—	—	940
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	51-4031	2,350	—	120	270	460	360	450	230	50	—	—	400
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	51-4032	230	—	50	20	60	60	30	—	—	—	—	20
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	51-4033	1,690	—	50	140	370	250	270	150	20	—	—	430
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	51-4034	270	—	60	20	60	30	40	—	—	—	—	40
Milling and planing machine setters, operators, and tenders, metal and plastic .....	51-4035	160	—	—	30	20	40	—	—	—	—	—	50
Machinists .....	51-4040	4,370	—	220	350	940	700	620	330	110	30	—	1,060
Machinists .....	51-4041	4,370	—	220	350	940	700	620	330	110	30	—	1,060
Metal furnace and kiln operators and tenders .....	51-4050	720	—	60	50	170	170	110	30	30	—	—	100

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Metal-refining furnace operators and tenders .....	51-4051	580	—	50	40	140	140	90	30	30	—	—	70
Pourers and casters, metal .....	51-4052	140	—	—	—	30	30	—	—	—	—	—	30
Model makers and patternmakers, metal and plastic .....	51-4060	50	—	—	—	20	—	—	—	—	—	—	—
Model makers, metal and plastic .....	51-4061	40	—	—	—	20	—	—	—	—	—	—	—
Patternmakers, metal and plastic .....	51-4062	20	—	—	—	—	—	—	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic .....	51-4070	1,660	—	130	160	410	190	250	120	90	—	—	310
Foundry mold and coremakers .....	51-4071	330	—	40	30	30	50	30	20	70	—	—	60
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	51-4072	1,330	—	90	140	380	140	210	90	20	—	—	250
Multiple machine tool setters, operators, and tenders, metal and plastic .....	51-4080	200	—	—	20	40	20	50	—	—	—	—	50
Multiple machine tool setters, operators, and tenders, metal and plastic .....	51-4081	200	—	—	20	40	20	50	—	—	—	—	50
Tool and die makers .....	51-4110	600	—	20	50	140	120	90	50	—	—	—	100
Tool and die makers .....	51-4111	600	—	20	50	140	120	90	50	—	—	—	100
Welding, soldering, and brazing workers .....	51-4120	11,410	20	680	890	1,870	2,280	1,540	1,110	180	20	—	2,800
Welders, cutters, solderers, and brazers .....	51-4121	10,870	20	660	840	1,800	2,170	1,470	1,070	160	20	—	2,660
Welding, soldering, and brazing machine setters, operators, and tenders .....	51-4122	530	—	20	50	70	110	70	30	30	—	—	140
Miscellaneous metalworkers and plastic workers .....	51-4190	8,320	50	530	800	1,730	1,330	1,220	570	150	50	—	1,890
Heat treating equipment setters, operators, and tenders, metal and plastic .....	51-4191	250	—	30	30	20	50	40	20	—	—	—	60
Lay-out workers, metal and plastic ..	51-4192	550	—	—	60	170	130	80	50	—	—	—	50
Plating and coating machine setters, operators, and tenders, metal and plastic .....	51-4193	470	—	20	60	50	60	50	60	—	—	—	150
Tool grinders, filers, and sharpeners .....	51-4194	120	—	—	—	30	50	—	—	—	—	—	30
Metal workers and plastic workers, all other .....	51-4199	6,930	50	470	660	1,460	1,040	1,030	440	130	50	—	1,600
Printing workers .....	51-5000	3,330	—	340	340	820	480	420	160	90	20	—	640
Bookbinders and bindery workers .....	51-5010	640	—	20	70	130	70	120	20	20	—	—	190
Bindery workers .....	51-5011	590	—	—	60	120	50	110	20	20	—	—	180
Bookbinders .....	51-5012	60	—	—	—	—	20	—	—	—	—	—	—
Printers .....	51-5020	2,690	—	320	270	700	410	300	130	70	20	—	450
Job printers .....	51-5021	140	—	—	—	60	—	—	—	—	—	—	60
Prepress technicians and workers ...	51-5022	360	—	20	50	170	30	20	—	—	—	—	50

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Printing machine operators .....	51-5023	2,190	—	310	220	460	370	280	120	60	—	—	340
Textile, apparel, and furnishings workers	51-6000	6,200	150	590	500	1,340	730	900	410	60	90	—	1,430
Laundry and dry-cleaning workers .....	51-6010	3,040	20	370	310	800	360	470	170	—	—	—	540
Laundry and dry-cleaning workers ...	51-6011	3,040	20	370	310	800	360	470	170	—	—	—	540
Pressers, textile, garment, and related materials .....	51-6020	170	—	20	—	30	—	50	—	—	—	—	50
Pressers, textile, garment, and related materials .....	51-6021	170	—	20	—	30	—	50	—	—	—	—	50
Sewing machine operators .....	51-6030	1,160	30	120	60	220	110	180	100	—	—	—	330
Sewing machine operators .....	51-6031	1,160	30	120	60	220	110	180	100	—	—	—	330
Shoe and leather workers .....	51-6040	120	—	—	—	20	30	—	20	—	—	—	40
Shoe and leather workers and repairers .....	51-6041	40	—	—	—	—	—	—	—	—	—	—	—
Shoe machine operators and tenders .....	51-6042	80	—	—	—	—	20	—	—	—	—	—	30
Tailors, dressmakers, and sewers .....	51-6050	450	—	20	20	20	50	30	30	—	—	—	270
Tailors, dressmakers, and custom sewers .....	51-6052	440	—	20	20	20	50	30	30	—	—	—	260
Textile machine setters, operators, and tenders .....	51-6060	440	—	30	30	70	50	50	40	—	—	—	80
Textile bleaching and dyeing machine operators and tenders .....	51-6061	50	—	—	—	—	—	—	—	—	—	—	—
Textile cutting machine setters, operators, and tenders .....	51-6062	70	—	—	—	20	—	—	—	—	—	—	20
Textile knitting and weaving machine setters, operators, and tenders .....	51-6063	200	—	—	—	20	20	30	20	—	—	—	30
Textile winding, twisting, and drawing out machine setters, operators, and tenders .....	51-6064	120	—	20	—	20	—	20	—	—	—	—	30
Miscellaneous textile, apparel, and furnishings workers .....	51-6090	810	90	40	60	180	130	100	40	30	—	—	120
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers .....	51-6091	60	—	—	—	20	—	—	—	—	—	—	—
Upholsterers .....	51-6093	310	90	—	20	40	40	20	—	—	—	—	70
Textile, apparel, and furnishings workers, all other .....	51-6099	420	—	30	30	120	70	80	30	20	—	—	40
Woodworkers .....	51-7000	3,580	—	160	400	800	670	670	270	120	—	—	490
Cabinetmakers and bench carpenters	51-7010	830	—	—	210	160	130	70	80	—	—	—	100
Cabinetmakers and bench carpenters .....	51-7011	830	—	—	210	160	130	70	80	—	—	—	100
Furniture finishers .....	51-7020	120	—	—	—	—	30	—	—	—	—	—	30
Furniture finishers .....	51-7021	120	—	—	—	—	30	—	—	—	—	—	30
Model makers and patternmakers, wood .....	51-7030	240	—	—	—	—	—	—	—	—	—	—	—
Patternmakers, wood .....	51-7032	220	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Woodworking machine setters, operators, and tenders .....	51-7040	1,870	—	100	160	470	400	270	130	40	—	—	300
Sawing machine setters, operators, and tenders, wood .....	51-7041	1,050	—	40	70	270	270	160	50	30	—	—	150
Woodworking machine setters, operators, and tenders, except sawing .....	51-7042	820	—	60	90	200	130	100	70	—	—	—	150
Miscellaneous woodworkers .....	51-7090	530	—	20	20	150	110	120	60	—	—	—	50
Woodworkers, all other .....	51-7099	530	—	20	20	150	110	120	60	—	—	—	50
Plant and system operators .....	51-8000	1,480	—	140	130	340	230	230	140	80	—	—	160
Power plant operators, distributors, and dispatchers .....	51-8010	150	—	—	—	40	30	30	—	—	—	—	—
Power plant operators .....	51-8013	130	—	—	—	40	30	30	—	—	—	—	—
Stationary engineers and boiler operators .....	51-8020	540	—	—	50	110	80	90	70	—	—	—	100
Stationary engineers and boiler operators .....	51-8021	540	—	—	50	110	80	90	70	—	—	—	100
Water and liquid waste treatment plant and system operators .....	51-8030	270	—	40	20	50	60	60	20	—	—	—	20
Water and liquid waste treatment plant and system operators .....	51-8031	270	—	40	20	50	60	60	20	—	—	—	20
Miscellaneous plant and system operators .....	51-8090	530	—	80	60	140	70	50	30	70	—	—	30
Chemical plant and system operators .....	51-8091	60	—	—	—	—	—	—	—	—	—	—	—
Petroleum pump system operators, refinery operators, and gaugers .....	51-8093	30	—	—	—	—	—	—	—	—	—	—	—
Plant and system operators, all other .....	51-8099	430	—	70	40	120	50	40	20	60	—	—	20
Other production occupations .....	51-9000	57,200	360	4,510	5,970	11,030	9,610	8,010	4,400	1,180	300	30	11,810
Chemical processing machine setters, operators, and tenders .....	51-9010	420	—	40	40	90	90	40	40	—	—	—	60
Chemical equipment operators and tenders .....	51-9011	190	—	20	20	40	40	20	30	—	—	—	—
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	51-9012	230	—	20	20	50	50	20	—	—	—	—	50
Crushing, grinding, polishing, mixing, and blending workers .....	51-9020	2,020	—	100	140	300	300	320	110	20	—	—	720
Crushing, grinding, and polishing machine setters, operators, and tenders .....	51-9021	1,000	—	40	50	130	130	80	60	—	—	—	490
Grinding and polishing workers, hand .....	51-9022	180	—	—	—	40	30	30	—	—	—	—	70
Mixing and blending machine setters, operators, and tenders .....	51-9023	830	—	50	80	130	140	210	50	20	—	—	150
Cutting workers .....	51-9030	1,600	—	120	250	220	300	240	130	40	—	—	290
Cutters and trimmers, hand .....	51-9031	380	—	30	140	40	90	—	30	—	—	—	30

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Cutting and slicing machine setters, operators, and tenders .....	51-9032	1,230	—	90	110	190	210	230	100	40	—	—	260
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	51-9040	1,000	—	70	90	220	270	120	90	—	—	—	110
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	51-9041	1,000	—	70	90	220	270	120	90	—	—	—	110
Furnace, kiln, oven, drier, and kettle operators and tenders .....	51-9050	240	—	—	20	60	20	40	20	—	20	—	50
Furnace, kiln, oven, drier, and kettle operators and tenders .....	51-9051	240	—	—	20	60	20	40	20	—	20	—	50
Inspectors, testers, sorters, samplers, and weighers .....	51-9060	5,630	50	490	740	980	910	770	430	100	30	—	1,130
Inspectors, testers, sorters, samplers, and weighers .....	51-9061	5,630	50	490	740	980	910	770	430	100	30	—	1,130
Jewelers and precious stone and metal workers .....	51-9070	20	—	—	—	—	—	—	—	—	—	—	20
Jewelers and precious stone and metal workers .....	51-9071	20	—	—	—	—	—	—	—	—	—	—	20
Medical, dental, and ophthalmic laboratory technicians .....	51-9080	280	—	30	70	80	20	20	20	—	—	—	20
Dental laboratory technicians .....	51-9081	110	—	—	20	50	—	—	—	—	—	—	—
Medical appliance technicians .....	51-9082	40	—	—	—	—	—	—	—	—	—	—	—
Ophthalmic laboratory technicians .....	51-9083	130	—	20	40	20	—	20	—	—	—	—	—
Packaging and filling machine operators and tenders .....	51-9110	3,680	20	220	360	790	770	480	240	80	—	—	710
Packaging and filling machine operators and tenders .....	51-9111	3,680	20	220	360	790	770	480	240	80	—	—	710
Painting workers .....	51-9120	2,140	20	160	290	350	340	190	170	20	—	—	600
Coating, painting, and spraying machine setters, operators, and tenders .....	51-9121	690	—	100	70	120	110	110	60	—	—	—	80
Painters, transportation equipment ..	51-9122	230	—	20	20	40	40	—	30	—	—	—	60
Painting, coating, and decorating workers .....	51-9123	1,230	—	40	200	190	180	70	70	—	—	—	470
Photographic process workers and processing machine operators .....	51-9130	370	—	20	60	40	100	40	80	—	—	—	30
Photographic process workers .....	51-9131	330	—	20	60	40	100	40	50	—	—	—	20
Photographic processing machine operators .....	51-9132	40	—	—	—	—	—	—	30	—	—	—	—
Semiconductor processors .....	51-9140	40	—	—	—	—	—	—	—	—	—	—	—
Semiconductor processors .....	51-9141	40	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous production workers .....	51-9190	39,740	250	3,240	3,900	7,890	6,490	5,750	3,060	880	210	—	8,070
Cementing and gluing machine operators and tenders .....	51-9191	200	—	30	40	30	20	—	20	—	—	—	30

See footnotes at end of table.



TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Cleaning, washing, and metal pickling equipment operators and tenders .....	51-9192	200	—	—	20	80	40	—	20	—	—	—	20
Cooling and freezing equipment operators and tenders .....	51-9193	60	—	—	—	20	—	—	—	—	—	—	20
Etchers and engravers .....	51-9194	100	—	—	—	40	20	—	—	—	—	—	—
Molders, shapers, and casters, except metal and plastic .....	51-9195	470	—	40	20	90	130	110	—	—	—	—	60
Paper goods machine setters, operators, and tenders .....	51-9196	360	—	20	60	50	50	60	30	—	—	—	70
Tire builders .....	51-9197	240	—	20	—	50	50	30	—	20	—	—	50
Helpers—production workers .....	51-9198	2,960	—	150	340	480	440	530	270	40	—	—	700
Production workers, all other .....	51-9199	35,150	230	2,960	3,400	7,050	5,710	4,990	2,690	800	200	—	7,110
Transportation and material moving occupations .....	53-0000	217,070	580	18,510	21,140	41,890	31,990	29,100	16,810	5,570	1,870	500	49,100
Supervisors, transportation and material moving workers .....	53-1000	4,040	20	410	310	780	470	720	360	40	20	—	920
Aircraft cargo handling supervisors .....	53-1010	60	—	—	—	—	20	—	—	—	—	—	—
Aircraft cargo handling supervisors ..	53-1011	60	—	—	—	—	20	—	—	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	53-1020	2,900	—	260	210	540	320	520	300	20	—	—	710
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	53-1021	2,900	—	260	210	540	320	520	300	20	—	—	710
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	53-1030	1,080	—	130	100	230	130	190	50	20	—	—	210
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	53-1031	1,080	—	130	100	230	130	190	50	20	—	—	210
Air transportation workers .....	53-2000	790	20	150	20	130	110	40	90	20	—	—	180
Aircraft pilots and flight engineers .....	53-2010	740	20	150	20	100	110	40	90	—	—	—	180
Airline pilots, copilots, and flight engineers .....	53-2011	630	20	110	20	100	90	30	80	—	—	—	170
Commercial pilots .....	53-2012	110	—	40	—	—	20	—	—	—	—	—	—
Air traffic controllers and airfield operations specialists .....	53-2020	50	—	—	—	30	—	—	—	—	—	—	—
Airfield operations specialists .....	53-2022	50	—	—	—	30	—	—	—	—	—	—	—
Motor vehicle operators .....	53-3000	102,860	260	9,200	8,790	17,780	15,010	13,260	9,210	3,850	1,320	480	23,690
Ambulance drivers and attendants, except emergency medical technicians .....	53-3010	180	—	—	—	30	30	50	—	—	—	—	40
Ambulance drivers and attendants, except emergency medical technicians .....	53-3011	180	—	—	—	30	30	50	—	—	—	—	40
Bus drivers .....	53-3020	4,890	40	600	580	950	410	440	520	200	60	—	1,080
Bus drivers, transit and intercity .....	53-3021	2,800	20	350	210	440	330	260	230	60	30	—	870

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										Not reported
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	
Bus drivers, school .....	53-3022	2,090	20	250	370	510	80	180	290	150	30	—	210
Driver/sales workers and truck drivers	53-3030	92,920	190	8,110	7,790	15,770	14,120	12,180	8,360	3,560	1,230	450	21,170
Driver/sales workers .....	53-3031	7,180	—	550	930	1,310	1,100	950	520	150	30	—	1,620
Truck drivers, heavy and tractor-trailer .....	53-3032	57,700	130	5,060	4,350	9,390	8,400	7,490	5,680	2,460	930	410	13,390
Truck drivers, light or delivery services .....	53-3033	28,040	50	2,490	2,500	5,060	4,630	3,730	2,150	950	260	40	6,160
Taxi drivers and chauffeurs .....	53-3040	3,560	—	380	300	720	360	420	240	70	20	30	1,010
Taxi drivers and chauffeurs .....	53-3041	3,560	—	380	300	720	360	420	240	70	20	30	1,010
Miscellaneous motor vehicle operators	53-3090	1,300	30	100	120	300	90	170	90	20	—	—	390
Motor vehicle operators, all other .....	53-3099	1,300	30	100	120	300	90	170	90	20	—	—	390
Rail transportation workers .....	53-4000	1,780	—	20	—	30	20	—	—	—	—	—	1,680
Locomotive engineers and operators ...	53-4010	450	—	—	—	—	—	—	—	—	—	—	430
Locomotive engineers .....	53-4011	350	—	—	—	—	—	—	—	—	—	—	340
Rail yard engineers, dinkey operators, and hostlers .....	53-4013	100	—	—	—	—	—	—	—	—	—	—	80
Railroad brake, signal, and switch operators .....	53-4020	340	—	—	—	—	—	—	—	—	—	—	320
Railroad brake, signal, and switch operators .....	53-4021	340	—	—	—	—	—	—	—	—	—	—	320
Railroad conductors and yardmasters	53-4030	900	—	—	—	—	—	—	—	—	—	—	880
Railroad conductors and yardmasters .....	53-4031	900	—	—	—	—	—	—	—	—	—	—	880
Subway and streetcar operators .....	53-4040	30	—	—	—	20	—	—	—	—	—	—	—
Subway and streetcar operators .....	53-4041	30	—	—	—	20	—	—	—	—	—	—	—
Miscellaneous rail transportation workers .....	53-4090	60	—	—	—	—	—	—	—	—	—	—	50
Rail transportation workers, all other	53-4099	60	—	—	—	—	—	—	—	—	—	—	50
Water transportation workers .....	53-5000	1,020	—	50	60	150	140	70	60	20	20	—	460
Sailors and marine oilers .....	53-5010	700	—	30	40	110	100	40	40	—	—	—	310
Sailors and marine oilers .....	53-5011	700	—	30	40	110	100	40	40	—	—	—	310
Ship and boat captains and operators	53-5020	250	—	—	—	20	30	20	20	—	—	—	140
Captains, mates, and pilots of water vessels .....	53-5021	250	—	—	—	20	30	20	20	—	—	—	140
Ship engineers .....	53-5030	70	—	—	—	20	—	—	—	—	—	—	—
Ship engineers .....	53-5031	70	—	—	—	20	—	—	—	—	—	—	—
Other transportation workers .....	53-6000	4,780	—	710	870	930	840	550	330	50	—	—	480
Parking lot attendants .....	53-6020	910	—	50	120	220	110	90	40	—	—	—	270
Parking lot attendants .....	53-6021	910	—	50	120	220	110	90	40	—	—	—	270
Service station attendants .....	53-6030	480	—	30	30	110	150	50	30	—	—	—	60
Service station attendants .....	53-6031	480	—	30	30	110	150	50	30	—	—	—	60
Transportation inspectors .....	53-6050	130	—	—	—	20	—	30	—	—	—	—	60
Transportation inspectors .....	53-6051	130	—	—	—	20	—	30	—	—	—	—	60
Miscellaneous transportation workers ..	53-6090	3,260	—	620	720	580	570	370	250	50	—	—	90
Transportation workers, all other .....	53-6099	3,260	—	620	720	580	570	370	250	50	—	—	90
Material moving workers .....	53-7000	101,800	260	7,970	11,080	22,090	15,400	14,450	6,760	1,600	500	20	21,690
Conveyor operators and tenders .....	53-7010	240	—	—	30	30	30	—	—	—	—	—	120
Conveyor operators and tenders .....	53-7011	240	—	—	30	30	30	—	—	—	—	—	120

See footnotes at end of table.

TABLE R77. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by occupation and hours on the job before event occurred, 2008  
 — Continued

Occupation	Occupation code <sup>2</sup>	Private industry <sup>3</sup>	Hours on the job before event occurred										
			Before shift began	Less than 1 hour	1 hour to less than 2 hours	2 hours to less than 4 hours	4 hours to less than 6 hours	6 hours to less than 8 hours	8 hours to less than 10 hours	10 hours to less than 12 hours	12 hours to less than 16 hours	More than 16 hours	Not reported
Crane and tower operators .....	53-7020	530	—	40	20	160	80	140	40	—	—	—	40
Crane and tower operators .....	53-7021	530	—	40	20	160	80	140	40	—	—	—	40
Dredge, excavating, and loading machine operators .....	53-7030	960	—	40	—	190	30	130	360	—	—	—	200
Excavating and loading machine and dragline operators .....	53-7032	950	—	40	—	190	30	130	360	—	—	—	190
Hoist and winch operators .....	53-7040	360	—	70	20	50	20	100	20	—	—	—	60
Hoist and winch operators .....	53-7041	360	—	70	20	50	20	100	20	—	—	—	60
Industrial truck and tractor operators ...	53-7050	6,080	—	600	720	1,380	1,070	820	450	130	50	—	870
Industrial truck and tractor operators ...	53-7051	6,080	—	600	720	1,380	1,070	820	450	130	50	—	870
Laborers and material movers, hand ...	53-7060	89,290	240	7,000	9,980	19,330	13,370	12,840	5,620	1,370	390	20	19,140
Cleaners of vehicles and equipment	53-7061	4,010	—	300	630	950	660	380	150	40	—	—	890
Laborers and freight, stock, and material movers, hand .....	53-7062	79,590	180	6,230	8,810	17,400	11,780	11,630	4,990	1,240	360	20	16,950
Machine feeders and offbearers .....	53-7063	1,660	—	240	170	210	290	290	220	20	—	—	210
Packers and packagers, hand .....	53-7064	4,040	40	230	370	770	640	540	260	60	20	—	1,100
Pumping station operators .....	53-7070	180	—	—	20	50	—	—	—	—	30	—	50
Pump operators, except wellhead pumpers .....	53-7072	140	—	—	20	20	—	—	—	—	30	—	40
Wellhead pumpers .....	53-7073	40	—	—	—	30	—	—	—	—	—	—	—
Refuse and recyclable material collectors .....	53-7080	1,020	—	80	90	280	200	100	80	40	—	—	150
Refuse and recyclable material collectors .....	53-7081	1,020	—	80	90	280	200	100	80	40	—	—	150
Shuttle car operators .....	53-7110	390	—	—	20	—	—	—	—	—	—	—	320
Shuttle car operators .....	53-7111	390	—	—	20	—	—	—	—	—	—	—	320
Tank car, truck, and ship loaders .....	53-7120	20	—	—	—	—	—	—	—	—	—	—	—
Tank car, truck, and ship loaders .....	53-7121	20	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous material moving workers .....	53-7190	2,730	—	110	180	610	570	300	170	30	30	—	730
Material moving workers, all other ...	53-7199	2,730	—	110	180	610	570	300	170	30	30	—	730
Nonclassifiable .....	99-9999	1,660	—	140	80	130	290	60	40	20	—	—	880

<sup>1</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>2</sup> Standard Occupational Classification Manual, 2000, Office of Management and Budget

<sup>3</sup> Excludes farms with fewer than 11 employees.

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