

TABLE L81. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and hours on the job before event occurred, local government, 2010

Event or exposure	Event code ²	Local government ³	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
Total		188,420	2,510	20,300	18,680	39,020	27,430	27,680	10,690	3,520	2,970	740	34,860
Contact with objects and equipment	0	32,610	170	3,210	3,240	8,610	4,830	5,050	1,880	480	510	70	4,540
Contact with objects and equipment, unspecified	00	830	-	110	150	290	40	40	-	-	-	-	180
Struck against object or equipment	01	12,710	80	1,800	970	3,810	1,560	1,380	800	210	370	60	1,660
Struck against object or equipment, unspecified	010	470	-	-	20	110	50	130	30	-	-	-	80
Stepped on object	011	2,620	20	210	140	700	130	370	210	60	290	-	500
Struck against stationary object or equipment	012	6,600	20	1,180	540	2,360	950	480	280	120	-	60	620
Struck against moving object or equipment	013	450	-	80	20	170	50	80	-	20	-	-	-
Struck against object or equipment, n.e.c.	019	2,570	-	330	250	480	390	320	270	-	40	-	460
Struck by object or equipment	02	14,750	70	1,080	1,670	3,410	2,510	2,950	880	190	80	-	1,910
Struck by object or equipment, unspecified	020	560	-	60	90	150	40	140	20	-	-	-	50
Struck by falling object or equipment ...	021	5,050	-	380	670	1,090	1,250	790	200	50	20	-	590
Struck by flying object	022	1,590	-	40	80	510	200	130	140	30	30	-	400
Struck by flying object, unspecified ..	0220	300	-	-	-	170	30	20	-	-	-	-	70
Struck by dislodged flying object, particle	0221	620	-	30	-	270	110	60	60	-	-	-	80
Struck by discharged object or substance	0222	260	-	-	40	40	-	20	70	-	-	-	50
Struck by flying object, n.e.c.	0229	410	-	-	20	30	50	30	-	20	30	-	210
Struck by swinging or slipping object ...	023	5,290	-	380	590	1,100	730	1,570	240	80	20	-	560
Struck by swinging or slipping object, unspecified	0230	260	-	-	210	-	40	-	-	-	-	-	-
Struck by or slammed in swinging door or gate	0231	1,160	-	130	130	180	240	120	100	20	-	-	230
Struck by slipping handheld object ..	0232	2,640	-	250	240	880	420	350	130	60	-	-	300
Struck by swinging or slipping object, n.e.c.	0239	1,230	-	-	20	40	30	1,090	-	-	-	-	40
Struck by rolling, sliding objects or equipment on floor or ground level ...	024	320	-	-	100	30	40	-	-	-	-	-	120
Struck by object or equipment, n.e.c. ...	029	1,940	-	210	140	540	250	310	270	20	-	-	180
Caught in or compressed by equipment or objects	03	2,850	20	180	320	850	510	370	140	70	-	-	390
Caught in or compressed by equipment or objects, unspecified	030	670	-	40	90	140	70	60	-	-	-	-	140
Caught in running equipment or machinery	031	290	-	30	-	100	20	50	-	-	-	-	70
Compressed or pinched by rolling, sliding, or shifting objects	032	690	-	60	80	250	40	140	40	-	-	-	80
Caught in or compressed by equipment or objects, n.e.c.	039	1,190	20	50	140	350	390	110	30	-	-	-	100

See footnotes at end of table.

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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		
Caught in or crushed in collapsing materials	04	130	—	—	—	70	20	40	—	—	—	—	—	
Caught in or crushed in collapsing materials, unspecified	040	20	—	—	—	—	20	—	—	—	—	—	—	
Excavation or trenching cave-in	041	70	—	—	—	70	—	—	—	—	—	—	—	
Caught in or crushed in collapsing structure	044	40	—	—	—	—	—	40	—	—	—	—	—	
Rubbed or abraded by friction or pressure	05	570	—	30	80	100	80	100	20	—	20	—	140	
Rubbed or abraded by kneeling on surface	051	80	—	—	—	20	20	—	—	—	—	—	20	
Rubbed or abraded by objects being handled	052	20	—	—	—	—	—	—	—	—	—	—	—	
Rubbed or abraded by foreign matter in eye	053	380	—	20	70	70	50	80	20	—	—	—	50	
Rubbed or abraded by friction or pressure, n.e.c.	059	100	—	—	—	—	—	—	—	—	—	—	70	
Rubbed, abraded, or jarred by vibration ..	06	440	—	—	40	50	30	90	—	—	—	—	190	
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	061	380	—	—	40	30	30	90	—	—	—	—	170	
Rubbed, abraded, or jarred by other machine or equipment vibration	062	40	—	—	—	20	—	—	—	—	—	—	—	
Rubbed, abraded, or jarred by vibration, n.e.c.	069	20	—	—	—	—	—	—	—	—	—	—	—	
Contact with objects and equipment, n.e.c.	09	330	—	—	20	30	80	90	20	—	30	—	60	
Falls	1	46,490	1,300	7,150	4,730	9,600	6,890	6,610	2,750	730	530	150	6,060	
Fall, unspecified	10	3,180	160	590	120	780	250	410	230	—	—	—	610	
Fall to lower level	11	10,420	100	1,350	1,240	2,640	1,430	1,150	420	210	60	—	1,800	
Fall to lower level, unspecified	110	190	—	20	20	30	20	20	20	—	—	—	40	
Fall down stairs or steps	111	4,300	60	730	550	1,050	570	390	170	50	20	—	700	
Fall from floor, dock, or ground level	112	1,070	—	210	140	150	150	100	90	30	—	—	200	
Fall from floor, dock, or ground level, unspecified	1120	70	—	—	—	—	20	—	—	—	—	—	20	
Fall through existing floor opening ...	1121	680	—	180	80	80	80	60	30	—	—	—	150	
Fall through floor surface	1122	100	—	20	—	—	—	—	40	—	—	—	—	
Fall from ground level to lower level	1124	200	—	—	50	40	40	—	—	—	—	—	30	
Fall from floor, dock, or ground level, n.e.c.	1129	20	—	—	—	—	—	—	—	—	—	—	—	
Fall from ladder	113	1,370	—	90	80	430	120	160	30	—	20	—	420	
Fall from roof	115	30	—	—	—	—	—	—	—	—	—	—	—	
Fall from roof, unspecified	1150	30	—	—	—	—	—	—	—	—	—	—	—	
Fall from scaffold, staging	116	50	—	—	—	—	—	20	—	—	—	—	—	
Fall from building girders or other structural steel	117	70	—	—	—	—	—	—	—	—	—	—	—	
Fall from nonmoving vehicle	118	1,620	30	150	280	360	200	220	60	—	—	—	220	
Fall to lower level, n.e.c.	119	1,710	—	150	160	530	360	240	40	—	—	—	210	

See footnotes at end of table.

TABLE L81. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and hours on the job before event occurred, local government, 2010 — Continued

Event or exposure	Event code ²	Local government ³	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	
Jump to lower level	12	850	—	40	160	280	90	130	40	40	—	—	60
Jump to lower level, unspecified	120	110	—	—	—	—	40	60	—	—	—	—	—
Jump from structure, structural element, n.e.c.	122	260	—	—	100	50	—	30	—	—	—	—	20
Jump from nonmoving vehicle	123	350	—	30	50	190	—	20	—	—	—	—	30
Jump to lower level, n.e.c.	129	120	—	—	—	30	30	20	—	—	—	—	—
Fall on same level	13	31,710	1,040	5,160	3,030	5,820	5,090	4,870	2,060	470	450	130	3,580
Fall on same level, unspecified	130	250	—	—	—	—	—	—	30	—	—	—	170
Fall to floor, walkway, or other surface	131	28,100	1,000	4,550	2,800	5,090	4,490	4,520	1,890	420	430	130	2,780
Fall onto or against objects	132	3,270	40	600	220	690	570	300	140	60	20	—	620
Fall on same level, n.e.c.	139	90	—	—	—	30	—	40	—	—	—	—	—
Fall, n.e.c.	19	330	—	—	170	70	20	50	—	—	—	—	—
Bodily reaction and exertion	2	70,600	920	5,920	7,760	14,840	8,690	10,630	3,840	1,020	1,280	430	15,250
Bodily reaction and exertion, unspecified	20	1,490	—	100	90	130	140	190	200	—	—	—	600
Bodily reaction	21	27,060	500	2,930	2,800	5,880	3,380	5,000	1,410	350	550	190	4,070
Bodily reaction, unspecified	210	2,470	30	560	150	320	260	330	180	—	30	—	600
Bending, climbing, crawling, reaching, twisting	211	9,100	30	800	900	1,870	1,070	2,310	460	200	90	60	1,290
Sudden reaction when surprised, frightened, startled	212	200	—	—	20	—	—	40	—	—	—	20	70
Running without other incident	213	1,370	—	90	140	250	130	500	80	—	—	—	160
Sitting	214	140	—	—	—	—	20	70	—	—	—	—	—
Slip, trip, loss of balance without fall	215	7,470	200	890	850	1,630	1,020	1,140	350	60	310	20	990
Standing	216	170	—	—	20	30	—	20	—	—	—	—	60
Walking without other incident	217	1,150	90	140	110	250	130	160	70	40	—	—	170
Bodily reaction, n.e.c.	219	5,000	140	430	600	1,510	740	420	270	30	80	80	700
Overexertion	22	37,090	310	2,650	4,570	8,150	4,760	4,880	1,830	630	690	230	8,400
Overexertion, unspecified	220	2,520	—	240	420	450	340	320	150	40	—	—	550
Overexertion in lifting	221	17,090	80	1,200	2,040	4,290	1,910	2,350	520	300	500	50	3,830
Overexertion in pulling or pushing objects	222	5,520	—	530	700	1,300	720	580	290	70	70	40	1,210
Overexertion in holding, carrying, turning, or wielding objects	223	9,460	210	540	1,160	1,640	1,560	1,260	740	170	80	100	2,010
Overexertion in throwing objects	224	440	—	—	40	170	20	70	20	—	—	—	90
Overexertion, n.e.c.	229	2,070	—	130	210	300	200	290	120	40	30	20	700
Repetitive motion	23	3,070	110	180	260	200	160	150	80	—	40	—	1,880
Repetitive motion, unspecified	230	780	—	50	30	20	—	—	—	—	—	—	650
Typing or key entry	231	380	—	—	20	—	—	—	—	—	—	—	310
Repetitive use of tools	232	240	—	—	—	30	30	20	—	—	—	—	130
Repetitive placing, grasping, or moving objects, except tools	233	660	—	50	40	80	60	60	20	—	—	—	340
Repetitive motion, n.e.c.	239	1,010	100	70	150	50	50	60	50	—	—	—	450
Bodily conditions, n.e.c.	25	1,650	—	60	—	450	180	400	310	20	—	—	220
Bodily reaction and exertion, n.e.c.	29	250	—	—	30	40	70	20	—	—	—	—	90
Exposure to harmful substances or environments	3	7,000	20	1,170	470	1,280	870	1,080	380	180	180	—	1,370

See footnotes at end of table.

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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		
Exposure to harmful substances or environments, unspecified	30	170	—	—	—	20	30	—	—	—	—	—	—	100
Contact with electric current	31	270	—	—	20	140	20	—	—	—	—	—	—	50
Contact with electric current, unspecified	310	20	—	—	—	—	—	—	—	—	—	—	—	—
Contact with electric current of machine, tool, appliance, or light fixture	311	150	—	—	—	110	—	—	—	—	—	—	—	—
Contact with wiring, transformers, or other electrical components	312	70	—	—	—	—	—	—	—	—	—	—	—	20
Contact with temperature extremes	32	1,780	—	170	120	430	320	210	210	40	40	—	—	240
Exposure to environmental heat	321	650	—	30	—	110	130	140	100	20	20	—	—	100
Exposure to environmental cold	322	20	—	—	—	—	—	—	—	—	—	—	—	—
Contact with hot objects or substances	323	1,110	—	140	110	300	190	70	100	30	—	—	—	140
Exposure to caustic, noxious, or allergenic substances	34	4,310	—	920	320	630	460	800	90	130	140	—	—	800
Exposure to caustic, noxious, or allergenic substances, unspecified	340	540	—	40	40	40	40	190	20	—	—	—	—	160
Inhalation of substance	341	910	—	140	80	150	170	80	30	20	130	—	—	110
Inhalation of substance, unspecified	3410	180	—	20	40	—	—	20	—	—	—	—	—	40
Inhalation in enclosed, restricted, or confined space	3411	80	—	—	—	20	—	20	—	—	—	—	—	20
Inhalation in open or nonconfined space	3412	650	—	120	30	120	160	40	30	—	90	—	—	50
Contact with skin or other exposed tissue	342	1,390	—	630	70	180	140	170	30	—	—	—	—	150
Injections, stings, venomous bites	343	940	—	110	50	210	110	140	—	—	—	—	—	280
Injections, stings, venomous bites, unspecified	3430	60	—	—	—	30	—	—	—	—	—	—	—	—
Bee, wasp, hornet sting	3432	440	—	20	30	150	70	20	—	—	—	—	—	120
Other stings or venomous bites	3433	300	—	80	—	20	30	30	—	—	—	—	—	130
Injections, stings, venomous bites, n.e.c.	3439	130	—	—	—	—	—	90	—	—	—	—	—	30
Exposure to caustic, noxious, or allergenic substances, n.e.c.	349	520	—	—	70	50	—	230	—	80	—	—	—	90
Exposure to radiation	36	40	—	—	—	—	—	—	—	—	—	—	—	—
Exposure to welding light	362	20	—	—	—	—	—	—	—	—	—	—	—	—
Exposure to traumatic or stressful event, n.e.c.	37	360	—	60	—	60	30	—	50	—	—	—	—	130
Exposure to harmful substances or environments, n.e.c.	39	50	—	—	—	—	—	—	—	—	—	—	—	—
Transportation accidents	4	13,110	80	1,970	1,060	1,790	2,380	2,150	620	550	420	60	—	2,020
Transportation accident, unspecified	40	650	—	30	20	140	110	150	20	—	—	—	—	130
Highway accident	41	9,180	70	750	870	1,310	1,730	1,670	510	390	370	50	—	1,450
Highway accident, unspecified	410	1,040	—	40	170	50	260	140	40	110	—	—	—	230
Collision between vehicles, mobile equipment	411	6,820	30	630	610	980	1,280	1,350	380	240	320	—	—	930

See footnotes at end of table.

TABLE L81. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and hours on the job before event occurred, local government, 2010 — 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	
Collision between vehicles, mobile equipment, unspecified	4110	2,320	—	110	70	210	660	530	100	100	300	—	200
Re-entrant collision	4111	60	—	—	—	—	30	—	—	—	—	—	—
Moving in same direction	4112	1,730	20	170	160	330	140	250	90	30	—	—	540
Moving in opposite directions, oncoming	4113	450	—	220	50	30	40	60	30	—	—	—	20
Moving in intersection	4114	1,110	—	50	270	170	190	300	20	60	—	—	20
Moving and standing vehicle, mobile equipment in roadway	4115	750	—	50	40	180	70	160	110	20	—	—	130
Moving and standing vehicle, mobile equipment side of road	4116	130	—	20	—	20	—	—	—	—	—	—	—
Collision between vehicles, mobile equipment, n.e.c.	4119	270	—	—	20	20	130	30	40	—	—	—	—
Vehicle struck object in roadway	412	120	—	—	—	—	30	50	—	—	—	—	—
Vehicle struck object on side of road ...	413	440	—	20	—	80	30	20	40	—	20	—	200
Noncollision accident	414	700	—	40	60	200	130	100	50	20	—	—	70
Noncollision accident, unspecified ...	4140	20	—	—	—	—	—	—	—	—	—	—	—
Jack-knifed or overturned no collision	4141	180	—	20	—	110	20	20	—	—	—	—	—
Ran off highway no collision	4142	80	—	—	—	—	50	—	—	—	—	—	20
Sudden start or stop, n.e.c.	4144	170	—	—	—	40	—	70	30	—	—	—	—
Noncollision accident, n.e.c.	4149	240	—	—	50	50	50	—	20	—	—	—	40
Highway accident, n.e.c.	419	60	—	—	—	—	—	—	—	—	—	—	—
Nonhighway accident, except rail, air, water	42	2,270	—	1,050	110	260	370	90	50	—	—	—	310
Nonhighway accident, unspecified	420	60	—	—	—	—	—	—	—	—	—	—	—
Collision between vehicles or mobile equipment	421	80	—	—	—	—	60	—	—	—	—	—	—
Vehicle, mobile equipment struck stationary object	422	1,150	—	—	—	70	40	—	—	—	—	—	—
Noncollision accident	423	960	—	30	100	170	230	90	30	—	—	—	290
Noncollision accident, unspecified ...	4230	110	—	—	—	—	—	—	—	—	—	—	100
Fall from moving vehicle, mobile equipment	4231	450	—	—	30	110	140	40	—	—	—	—	120
Fell from and struck by vehicle, mobile equipment	4232	20	—	—	—	—	—	—	—	—	—	—	—
Overtaken	4233	130	—	—	—	30	40	—	—	—	—	—	20
Loss of control	4234	100	—	—	—	—	—	—	—	—	—	—	—
Sudden start or stop, n.e.c.	4236	80	—	—	—	20	—	—	—	—	—	—	20
Noncollision accident, n.e.c.	4239	90	—	—	—	—	20	20	—	—	—	—	30
Nonhighway accident, n.e.c.	429	20	—	—	—	—	—	—	—	—	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment	43	950	—	140	40	70	160	230	30	130	20	—	120
Pedestrian struck by vehicle, mobile equipment, unspecified	430	330	—	40	—	—	50	200	—	—	—	—	—
Pedestrian struck by vehicle, mobile equipment in roadway	431	220	—	50	30	30	60	—	—	—	—	—	40

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Pedestrian struck by vehicle, mobile equipment on side of road	432	240	-	-	-	20	20	-	-	-	-	-	50
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	433	160	-	50	-	-	40	-	20	-	-	-	20
Railway accident	44	30	-	-	-	-	-	-	-	-	-	-	-
Collision between railway vehicle and other vehicle	442	20	-	-	-	-	-	-	-	-	-	-	-
Water vehicle accident	45	20	-	-	-	-	-	-	-	-	-	-	-
Fires and explosions	5	1,410	-	70	30	30	50	50	20	120	-	-	1,030
Fire unintended or uncontrolled	51	1,040	-	60	30	20	50	20	20	120	-	-	710
Fire, unspecified	510	70	-	-	-	-	-	-	-	-	-	-	30
Fire in residence, building, or other structure	511	940	-	60	-	20	40	-	-	120	-	-	670
Forest, brush, or other outdoor fire	512	20	-	-	-	-	-	-	-	-	-	-	-
Explosion	52	380	-	-	-	-	-	30	-	-	-	-	320
Explosion of pressure vessel or piping	522	340	-	-	-	-	-	-	-	-	-	-	-
Explosion, n.e.c.	529	30	-	-	-	-	-	30	-	-	-	-	-
Assaults and violent acts	6	13,680	20	750	1,310	2,710	3,660	1,920	1,120	410	30	-	1,740
Assaults and violent acts, unspecified	60	760	-	80	-	170	20	160	-	-	-	-	270
Assaults and violent acts by person(s)	61	12,140	20	620	1,270	2,400	3,490	1,660	1,060	360	30	-	1,220
Assaults and violent acts by person(s), unspecified	610	3,450	-	170	360	440	810	330	550	270	20	-	490
Biting	611	330	-	-	20	80	170	20	-	-	-	-	20
Hitting, kicking, beating	612	3,320	-	210	570	880	760	350	250	50	-	-	230
Shooting	613	40	-	-	-	-	-	-	-	-	-	-	-
Squeezing, pinching, scratching, twisting	614	1,080	-	40	50	320	550	60	20	-	-	-	20
Threats or verbal assaults	617	40	-	-	-	-	-	-	-	-	-	-	-
Assaults and violent acts by person(s), n.e.c.	619	3,860	-	200	240	670	1,170	890	220	40	-	-	430
Self-inflicted injury	62	20	-	-	-	-	-	-	-	-	-	-	-
Self-inflicted injury, unspecified	620	20	-	-	-	-	-	-	-	-	-	-	-
Assaults by animals	63	760	-	50	40	140	140	110	40	-	-	-	250
Assaults by animals, unspecified	630	40	-	-	-	-	-	-	-	-	-	-	-
Nonvenomous bites	631	610	-	40	30	100	90	80	30	-	-	-	240
Assaults by animals, n.e.c.	639	120	-	-	-	40	40	-	-	-	-	-	-
Other events or exposures	9	80	-	-	-	-	-	-	-	-	-	-	60
Nonclassifiable	9999	3,420	-	60	70	150	40	180	80	30	-	-	2,800

¹ Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction.

² Based on the Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

³ 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