

TABLE S110. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by event or exposure leading to injury or illness and age of worker, State government 2009

Event or exposure	Event code ³	State government ⁴	Age						
			16 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and over
Total		180.0	103.2	133.7	166.8	205.9	201.7	159.5	123.2
Contact with objects and equipment	0	26.8	25.6	25.7	26.9	32.4	27.2	23.2	7.5
Contact with objects and equipment, unspecified	00	.9	—	—	1.8	.9	.8	.5	—
Struck against object or equipment	01	8.3	5.8	7.0	8.1	10.7	8.9	6.1	3.0
Struck against object or equipment, unspecified	010	.3	—	1.1	—	.2	.2	.4	—
Stepped on object	011	1.3	—	2.5	1.3	1.9	1.0	.5	—
Struck against stationary object or equipment	012	4.6	—	2.9	5.2	6.3	4.1	3.2	2.1
Struck against moving object or equipment	013	.3	—	—	—	—	.7	.3	—
Struck against object or equipment, n.e.c.	019	1.9	—	—	1.3	2.2	2.8	1.7	—
Struck by object or equipment	02	13.4	16.4	13.3	14.0	14.9	13.3	13.3	2.2
Struck by object or equipment, unspecified	020	.7	—	—	1.0	.8	.5	.7	—
Struck by falling object or equipment	021	3.9	—	6.8	4.2	3.0	3.6	5.0	—
Struck by flying object	022	1.7	—	—	2.3	2.3	1.4	1.5	—
Struck by flying object, unspecified	0220	.1	—	—	—	—	—	—	—
Struck by dislodged flying object, particle ...	0221	1.2	—	—	1.3	1.8	.8	1.3	—
Struck by discharged object or substance ...	0222	.1	—	—	—	.2	—	—	—
Struck by flying object, n.e.c.	0229	.4	—	—	.7	—	.5	—	—
Struck by swinging or slipping object	023	5.0	11.5	4.1	4.6	6.5	4.8	5.0	—
Struck by swinging or slipping object, unspecified	0230	.1	—	—	—	—	—	—	—
Struck by or slammed in swinging door or gate	0231	3.2	—	1.7	3.3	4.7	3.2	2.4	—
Struck by slipping handheld object	0232	1.5	—	2.5	1.0	1.3	1.2	2.0	—
Struck by swinging or slipping object, n.e.c.	0239	.3	—	—	.3	.3	.3	.5	—
Struck by rolling, sliding objects or equipment on floor or ground level	024	.3	—	1.8	.3	.4	.3	—	—
Struck by object or equipment, n.e.c.	029	1.7	—	—	1.5	1.9	2.6	1.0	—
Caught in or compressed by equipment or objects	03	2.7	—	1.6	2.4	3.2	3.2	2.1	1.4
Caught in or compressed by equipment or objects, unspecified	030	.7	—	.6	.4	.9	.6	1.4	—
Caught in running equipment or machinery	031	.3	—	—	—	.4	.3	—	—
Compressed or pinched by rolling, sliding, or shifting objects	032	.4	—	—	.5	.4	.4	—	—
Caught in or compressed by equipment or objects, n.e.c.	039	1.3	—	—	1.4	1.4	2.0	.5	1.3
Rubbed or abraded by friction or pressure	05	.9	—	3.3	.4	1.5	.5	.4	—
Rubbed or abraded by kneeling on surface	051	(⁵)	—	—	—	—	—	—	—
Rubbed or abraded by foreign matter in eye ...	053	.8	—	3.3	.4	1.5	.5	.4	—
Rubbed, abraded, or jarred by vibration	06	.4	—	—	.2	.8	.2	.5	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	061	.2	—	—	.2	.3	—	.5	—
Rubbed, abraded, or jarred by vibration, n.e.c.	069	.1	—	—	—	—	—	—	—
Contact with objects and equipment, n.e.c.	09	.2	—	—	—	.2	.2	—	—
Falls	1	38.8	18.6	17.6	29.5	33.3	46.1	50.2	53.8

See footnotes at end of table.

TABLE S110. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by event or exposure leading to injury or illness and age of worker, State government 2009 — Continued

Event or exposure	Event code ³	State government ⁴	Age						
			16 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and over
Fall, unspecified	10	0.3	—	—	0.3	0.2	0.3	0.3	2.3
Fall to lower level	11	7.9	10.7	3.0	5.8	7.9	10.2	8.9	7.9
Fall to lower level, unspecified	110	(⁵)	—	—	—	—	—	—	—
Fall down stairs or steps	111	4.3	—	1.4	3.3	4.3	5.6	4.6	4.2
Fall from floor, dock, or ground level	112	.7	—	—	.6	.5	.6	.8	1.8
Fall from floor, dock, or ground level, unspecified	1120	.1	—	—	—	—	.1	.4	—
Fall through existing floor opening	1121	.2	—	—	—	.2	.2	—	—
Fall through floor surface	1122	.1	—	—	—	—	—	.3	—
Fall from ground level to lower level	1124	.2	—	—	.5	.2	.2	—	—
Fall from ladder	113	.6	—	—	.4	—	1.1	1.1	—
Fall from scaffold, staging	116	.1	—	—	—	—	.2	—	—
Fall from nonmoving vehicle	118	.7	—	—	.2	1.0	.5	1.1	—
Fall to lower level, n.e.c.	119	1.5	—	1.1	1.2	2.0	2.0	1.1	—
Jump to lower level	12	.2	—	—	—	.5	.2	—	—
Jump from nonmoving vehicle	123	.1	—	—	—	—	.2	—	—
Jump to lower level, n.e.c.	129	.1	—	—	—	.5	—	—	—
Fall on same level	13	30.2	7.1	14.5	23.2	24.5	35.2	40.8	43.2
Fall on same level, unspecified	130	.2	—	—	—	—	.4	.2	—
Fall to floor, walkway, or other surface	131	27.8	7.1	14.2	21.7	22.8	31.6	37.5	40.2
Fall onto or against objects	132	2.1	—	—	1.4	1.4	3.0	2.7	2.7
Fall on same level, n.e.c.	139	.2	—	—	—	.3	.2	—	—
Fall, n.e.c.	19	.2	—	—	—	—	.3	—	—
Bodily reaction and exertion	2	65.8	31.5	39.6	57.8	73.8	84.1	53.6	36.7
Bodily reaction and exertion, unspecified	20	2.6	—	1.9	3.1	4.4	1.3	1.9	—
Bodily reaction	21	23.3	—	15.3	17.9	26.8	27.5	22.9	24.2
Bodily reaction, unspecified	210	.9	—	1.7	1.0	1.4	.6	.7	—
Bending, climbing, crawling, reaching, twisting	211	7.2	—	1.1	4.8	7.8	9.9	7.0	8.4
Sudden reaction when surprised, frightened, startled	212	.3	—	1.2	—	.3	.3	—	—
Running without other incident	213	1.3	—	—	.6	3.5	1.1	.6	—
Sitting	214	.1	—	—	—	—	.1	—	—
Slip, trip, loss of balance without fall	215	9.4	—	8.6	8.0	8.4	10.7	10.6	15.2
Standing	216	.3	—	—	—	.2	.7	—	—
Walking without other incident	217	1.1	—	.8	1.1	1.3	1.2	1.1	—
Bodily reaction, n.e.c.	219	2.7	—	1.4	2.1	3.8	2.9	2.8	—
Overexertion	22	34.6	27.5	22.2	34.5	36.8	47.6	22.7	11.0
Overexertion, unspecified	220	2.3	—	2.2	2.9	2.7	2.5	1.2	—
Overexertion in lifting	221	14.3	13.1	7.9	12.1	13.5	22.1	10.2	6.2
Overexertion in pulling or pushing objects	222	5.1	—	3.0	4.2	6.1	6.6	3.6	1.7
Overexertion in holding, carrying, turning, or welding objects	223	11.3	12.8	8.4	13.7	12.4	14.3	6.8	2.9
Overexertion in throwing objects	224	.1	—	—	—	—	—	—	—
Overexertion, n.e.c.	229	1.5	—	.8	1.6	2.0	2.0	.9	—
Repetitive motion	23	4.1	—	—	1.9	4.5	5.8	4.9	1.3

See footnotes at end of table.

TABLE S110. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by event or exposure leading to injury or illness and age of worker, State government 2009 — Continued

Event or exposure	Event code ³	State government ⁴	Age						
			16 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and over
Repetitive motion, unspecified	230	1.1	—	—	0.4	1.5	1.0	1.2	—
Typing or key entry	231	1.5	—	—	.4	1.7	2.4	2.0	—
Repetitive use of tools	232	.4	—	—	.3	.3	.5	1.0	—
Repetitive placing, grasping, or moving objects, except tools	233	.9	—	—	.8	.9	1.4	.5	—
Repetitive motion, n.e.c.	239	.2	—	—	—	—	.5	.2	—
Bodily conditions, n.e.c.	25	1.0	—	—	.4	1.2	1.4	1.2	—
Bodily reaction and exertion, n.e.c.	29	.1	—	—	—	—	.4	—	—
Exposure to harmful substances or environments	3	6.5	7.6	11.4	5.5	8.6	6.1	4.8	2.2
Exposure to harmful substances or environments, unspecified	30	.8	—	—	.8	1.1	.8	1.0	—
Contact with electric current	31	.2	—	—	.2	.3	.1	.3	—
Contact with electric current of machine, tool, appliance, or light fixture	311	.1	—	—	—	—	—	—	—
Contact with wiring, transformers, or other electrical components	312	.1	—	—	—	.2	—	.2	—
Contact with electric current, n.e.c.	319	.1	—	—	.2	—	—	—	—
Contact with temperature extremes	32	1.3	—	4.1	.8	1.7	1.3	.9	—
Exposure to environmental heat	321	.2	—	—	—	—	.5	—	—
Exposure to environmental cold	322	.1	—	—	—	—	—	—	—
Contact with hot objects or substances	323	1.0	—	4.1	.6	1.5	.8	.7	—
Exposure to caustic, noxious, or allergenic substances	34	3.6	5.6	7.1	2.9	4.9	3.4	2.3	1.5
Exposure to caustic, noxious, or allergenic substances, unspecified	340	.6	—	1.1	.4	.5	.6	.7	—
Inhalation of substance	341	.7	—	.7	.3	.6	1.0	1.0	—
Inhalation of substance, unspecified	3410	.1	—	—	—	.2	—	—	—
Inhalation in enclosed, restricted, or confined space	3411	.1	—	—	—	—	—	—	—
Inhalation in open or nonconfined space	3412	.5	—	—	—	.3	.8	.7	—
Contact with skin or other exposed tissue	342	1.2	—	3.7	1.1	1.6	1.2	.3	—
Injections, stings, venomous bites	343	.8	—	1.3	.9	1.6	.4	.3	—
Injections, stings, venomous bites, unspecified	3430	(⁵)	—	—	—	—	—	—	—
Needle sticks	3431	.1	—	—	.2	—	—	—	—
Bee, wasp, hornet sting	3432	.3	—	.7	.5	.4	.2	—	—
Other stings or venomous bites	3433	.2	—	—	—	.7	—	—	—
Injections, stings, venomous bites, n.e.c.	3439	.2	—	—	—	.5	—	—	—
Ingestion of substance	344	.1	—	—	—	—	—	—	—
Exposure to caustic, noxious, or allergenic substances, n.e.c.	349	.2	—	—	—	.5	—	—	—
Exposure to traumatic or stressful event, n.e.c.	37	.4	—	—	.6	.5	.5	.3	—
Exposure to harmful substances or environments, n.e.c.	39	.1	—	—	—	—	—	—	—
Transportation accidents	4	10.7	9.7	8.8	12.9	15.9	7.1	8.6	12.6

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Event or exposure	Event code ³	State government ⁴	Age						
			16 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and over
Transportation accident, unspecified	40	1.0	—	—	1.8	2.1	0.2	—	—
Highway accident	41	7.9	4.7	8.0	8.6	11.5	5.6	6.1	10.8
Highway incident,									
unspecified	410	.5	—	—	.6	1.0	.2	—	—
Collision between vehicles, mobile equipment	411	5.8	—	6.3	6.2	8.5	5.0	4.3	2.0
Collision between vehicles, mobile equipment, unspecified	4110	1.2	—	1.3	1.2	1.0	.7	2.1	—
Re-entrant collision	4111	.1	—	—	.2	—	—	—	—
Moving in same direction	4112	2.1	—	3.0	2.0	3.9	1.9	.7	—
Moving in opposite directions, oncoming	4113	.3	—	—	—	—	.3	.8	—
Moving in intersection	4114	.5	—	—	.5	.3	.7	.5	—
Moving and standing vehicle, mobile equipment in roadway	4115	.9	—	—	.4	2.4	.8	—	—
Moving and standing vehicle, mobile equipment side of road	4116	.3	—	—	1.0	—	.3	—	—
Collision between vehicles, mobile equipment, n.e.c.	4119	.4	—	—	.8	.6	.2	—	—
Vehicle struck object in roadway	412	.1	—	—	.3	.3	—	—	—
Vehicle struck object on side of road	413	.3	—	—	.4	.9	—	—	—
Noncollision accident	414	1.2	—	1.5	1.0	.9	.3	1.6	—
Noncollision accident, unspecified	4140	.3	—	—	—	—	—	—	—
Jack-knifed or overturned no collision	4141	.2	—	.9	.6	—	—	—	—
Ran off highway no collision	4142	.4	—	.7	.3	.2	—	—	—
Sudden start or stop, n.e.c.	4144	.1	—	—	.2	.2	—	—	—
Noncollision accident, n.e.c.	4149	.1	—	—	—	.3	—	—	—
Highway accident, n.e.c.	419	(⁵)	—	—	—	—	—	—	—
Nonhighway accident, except rail, air, water	42	1.3	—	—	1.7	1.8	.7	1.8	—
Collision between vehicles or mobile equipment	421	.1	—	—	—	—	—	—	—
Vehicle, mobile equipment struck stationary object	422	.3	—	—	.2	—	—	1.5	—
Noncollision accident	423	.8	—	—	1.3	1.6	.6	—	—
Noncollision accident, unspecified	4230	(⁵)	—	—	—	—	—	—	—
Fall from moving vehicle, mobile equipment	4231	.2	—	—	—	.4	—	—	—
Overturned	4233	.1	—	—	—	.2	—	—	—
Loss of control	4234	.1	—	—	.2	—	—	—	—
Sudden start or stop, n.e.c.	4236	.4	—	—	—	.9	.2	—	—
Noncollision accident, n.e.c.	4239	(⁵)	—	—	—	—	—	—	—
Nonhighway accident, n.e.c.	429	(⁵)	—	—	—	—	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment	43	.5	—	—	.6	.4	.5	.5	—
Pedestrian struck by vehicle, mobile equipment, unspecified	430	.3	—	—	.3	.4	—	.4	—
Pedestrian struck by vehicle, mobile equipment in roadway	431	.1	—	—	—	—	—	—	—
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	433	.2	—	—	—	—	.3	—	—

See footnotes at end of table.

TABLE S110. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by event or exposure leading to injury or illness and age of worker, State government 2009 — Continued

Event or exposure	Event code ³	State government ⁴	Age						
			16 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and over
Fires and explosions	5	0.3	—	—	0.6	0.4	—	0.3	—
Fire—unintended or uncontrolled	51	.2	—	—	.4	—	—	.3	—
Fire in residence, building, or other structure ..	511	.1	—	—	—	—	—	.3	—
Fire, n.e.c.	519	.1	—	—	.4	—	—	—	—
Explosion	52	.1	—	—	—	.2	—	—	—
Explosion of pressure vessel or piping	522	(⁵)	—	—	—	.2	—	—	—
Assaults and violent acts	6	29.0	8.9	30.3	30.6	38.9	29.3	17.1	8.6
Assaults and violent acts, unspecified	60	3.2	—	—	2.5	6.0	3.7	1.9	—
Assaults and violent acts by person(s)	61	25.3	—	29.2	27.6	32.6	25.1	15.0	8.3
Assaults and violent acts by person(s), unspecified	610	4.4	—	4.9	5.6	6.9	3.8	1.4	—
Biting	611	.5	—	—	—	.3	1.2	.2	—
Hitting, kicking, beating	612	9.9	—	13.8	11.1	9.9	8.9	8.1	6.8
Squeezing, pinching, scratching, twisting	614	1.7	—	3.2	1.5	1.2	2.3	1.0	—
Stabbing	615	.1	—	—	—	—	.4	—	—
Threats or verbal assaults	617	.2	—	—	—	—	.4	—	—
Assaults and violent acts by person(s), n.e.c.	619	8.4	—	7.3	9.1	14.1	8.0	4.1	1.4
Assaults by animals	63	.5	5.5	1.0	.5	.3	.5	.2	—
Nonvenomous bites	631	.3	—	—	.4	.3	.4	—	—
Assaults by animals, n.e.c.	639	.1	5.5	.9	—	—	—	—	—
Other events or exposures	9	.5	—	—	.2	1.1	.4	.2	—
Nonclassifiable	9999	1.7	—	—	2.9	1.4	1.3	1.3	1.2

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

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

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

² Days-away-from-work cases include those that resulted in days away

from work, some of which also included job transfer or restriction.

³ Based on the Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

⁴ Excludes farms with fewer than 11 employees.

⁵ Data too small to be displayed.

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

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