

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, all United States, 2014

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Total	4,821	2,015	767	899	349	2,371	1,246	35	117	425	146	216	186
Violence and other injuries by persons or animals	765	132	45	46	41	521	241	3	44	71	32	79	51
Intentional injury by person	689	97	21	39	37	492	232	--	44	66	29	71	48
Homicides (Intentional injury by other person)	409	31	6	11	14	311	160	1	21	40	15	49	25
Shooting by other person--intentional	307	21	3	8	10	229	130	--	8	28	12	34	17
Stabbing, cutting, slashing, piercing	40	6	--	--	2	33	13	--	5	5	1	8	1
Hitting, kicking, beating, shoving	29	3	--	--	--	23	6	1	3	4	1	4	4
Strangulation by other person	7	--	--	--	--	6	4	--	1	--	--	1	--
Multiple violent acts by other person	12	--	--	--	--	11	4	--	--	2	--	1	--
Suicides (Self-inflicted injury--intentional)	280	66	15	28	23	181	72	--	23	26	14	22	23
Shooting--intentional self-harm	130	27	6	9	12	81	39	--	14	7	4	10	7
Hanging, strangulation, asphyxiation--intentional self-harm	98	29	8	12	9	60	21	--	6	8	4	8	12
Jumping from building or other structure--intentional self-harm	11	--	--	--	--	8	--	--	--	3	--	--	--
Cutting, stabbing--intentional self-harm	9	4	--	--	--	4	--	--	--	--	--	--	--
Drug overdose--intentional self-harm	8	--	--	--	--	8	--	--	--	3	3	--	--
Inhalation of substance--intentional self-harm	13	--	--	--	--	12	6	--	--	--	--	--	4
Injury by person--unintentional or intent unknown	35	4	1	--	--	19	9	1	--	--	--	4	--
Injury by other person--unintentional or intent unknown	29	2	1	--	1	15	7	1	--	1	--	4	--
Shooting by other person--unintentional	13	1	1	--	--	9	4	1	--	1	--	--	--
Injured by physical contact with other person in sporting event or physical training	3	--	--	--	--	--	--	--	--	--	--	--	--
Injured by physical contact during horseplay	1	1	--	--	1	--	--	--	--	--	--	--	--
Injured by physical contact with person while restraining, subduing--unintentional	7	--	--	--	--	3	3	--	--	--	--	--	--
Self-inflicted injury--unintentional or intent unknown	6	--	--	--	--	4	--	--	--	--	--	--	--
Drug overdose--intent unknown	3	--	--	--	--	3	--	--	--	--	--	--	--
Animal and insect related incidents	41	31	23	6	--	10	--	--	--	3	--	4	--
Bites and stings	16	9	--	6	--	7	--	--	--	3	--	--	--
Stings and venomous bites	14	9	--	6	--	5	--	--	--	--	--	--	--
Struck by animal	24	21	21	--	--	3	--	--	--	--	--	3	--
Trampled by or stepped on by animal	4	3	3	--	--	--	--	--	--	--	--	--	--
Kicked by animal	6	4	4	--	--	--	--	--	--	--	--	--	--
Gored or rammed by animal	5	5	5	--	--	--	--	--	--	--	--	--	--
Transportation incidents	1,984	685	354	244	87	1,089	698	18	42	145	73	68	45
Aircraft incidents	135	22	18	1	3	94	44	--	--	10	30	7	3
Pedestrian struck by aircraft or propeller	1	--	--	--	--	1	--	--	--	--	--	1	--
Aircraft crash during takeoff or landing	62	10	9	--	--	49	22	--	--	6	18	--	3
Aircraft crash during takeoff or landing--due to mechanical failure	9	--	--	--	--	9	--	--	--	1	5	--	--
Aircraft crash during takeoff or landing--with ground vehicle	3	--	--	--	--	3	2	--	--	--	1	--	--
Aircraft crash during takeoff or landing--into structure, object, or ground	48	10	9	--	--	35	15	--	--	5	12	--	3
Explosion or fire on aircraft	3	--	--	--	--	--	--	--	--	--	--	--	--
Aircraft crash due to low-altitude entanglement	7	4	4	--	--	--	--	--	--	--	--	--	--
Other in-flight crash	53	8	5	1	--	38	20	--	--	3	11	4	--
Other in-flight crash due to mechanical failure	15	1	--	1	--	13	7	--	--	--	--	2	--
Other in-flight crash into structure, object, or ground	34	6	5	--	--	22	11	--	--	3	7	--	--
Parachuting incident	7	--	--	--	--	3	--	--	--	--	1	2	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, all United States, 2014

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Rail vehicle incidents	57	25	13	6	6	27	21	1	--	--	--	--	--
Collision between rail vehicle and another vehicle	43	23	13	6	4	19	15	1	--	--	--	--	--
Collision between two rail vehicles	2	--	--	--	--	2	2	--	--	--	--	--	--
Collision between rail and roadway vehicles	38	21	12	5	4	16	13	--	--	--	--	--	--
Derailment	--	1	--	--	1	--	--	--	--	--	--	--	--
Pedestrian struck by rail vehicle--transportation incident	10	--	--	--	--	6	5	--	--	--	--	--	--
Animal and other non-motorized vehicle transportation incidents	14	7	7	--	--	6	1	--	--	--	--	5	--
Animal transportation incident	12	7	7	--	--	5	1	--	--	--	--	4	--
Thrown, fell, or jumped from animal being ridden	8	4	4	--	--	4	1	--	--	--	--	3	--
Thrown, tipped, or fell from animal-drawn vehicle	2	1	1	--	--	1	--	--	--	--	--	1	--
Pedestrian vehicular incident	318	111	25	64	22	158	97	--	--	30	9	11	9
Pedestrian struck by vehicle in work zone	53	40	--	40	--	9	--	--	--	8	--	--	--
Pedestrian struck by vehicle propelled by another vehicle in work zone	5	4	--	4	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in work zone	36	26	--	26	--	7	--	--	--	7	--	--	--
Pedestrian struck by vehicle backing up in work zone	10	8	--	8	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in roadway	75	9	--	--	5	47	33	--	--	9	3	2	--
Pedestrian struck by forward-moving vehicle in roadway	70	7	--	--	5	46	32	--	--	9	3	2	--
Pedestrian struck by vehicle backing up in roadway	4	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle on side of road	67	13	--	6	4	37	22	--	--	5	3	3	4
Pedestrian struck by vehicle propelled by another vehicle on side of road	14	--	--	--	--	6	4	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	51	11	--	5	4	30	17	--	--	5	--	3	3
Pedestrian struck by vehicle in nonroadway area	106	40	19	12	9	58	38	--	--	6	3	4	5
Pedestrian struck by forward-moving vehicle in nonroadway area	48	15	10	--	4	28	21	--	--	1	1	--	--
Pedestrian struck by vehicle backing up in nonroadway area	41	18	8	7	3	20	11	--	--	4	1	2	--
Water vehicle incidents	55	30	21	7	--	22	14	--	--	6	--	1	--
Water vehicle collisions	--	1	1	--	--	--	--	--	--	--	--	--	--
Collision between water vehicles	1	1	1	--	--	--	--	--	--	--	--	--	--
Capsized or sinking water vehicle	17	10	9	1	--	6	--	--	--	5	--	1	--
Fall or jump from water vehicle	21	11	8	3	--	10	8	--	--	--	--	--	--
Machinery or equipment incident on water vehicle	7	5	--	3	--	--	--	--	--	--	--	--	--
Fall on water vehicle	2	--	--	--	--	2	2	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	1,157	329	148	136	45	707	500	17	31	80	30	25	24
Roadway collision with other vehicle	611	167	69	78	20	377	248	10	19	43	26	17	14
Roadway collision--moving in same direction	146	33	16	13	4	107	81	--	9	3	4	6	3
Roadway collision--moving in opposite directions, oncoming	230	68	24	35	9	131	76	4	5	25	12	7	--
Roadway collision--moving perpendicularly	131	39	17	18	4	71	36	5	3	7	8	4	8
Roadway collision--moving and standing vehicle in roadway	67	12	--	9	--	51	47	--	--	3	--	--	--
Roadway collision--moving and standing vehicle on side of roadway	29	13	11	--	--	13	6	--	--	5	--	--	--
Roadway collision with object other than vehicle	317	67	26	29	12	217	163	6	10	23	4	5	6
Vehicle struck object or animal in roadway	16	--	--	--	--	14	10	--	--	3	--	--	--
Vehicle struck object or animal on side of roadway	292	64	24	28	12	199	152	6	8	19	3	5	6
Vehicle struck by falling or flying object--roadway	7	--	--	1	--	3	--	--	--	1	--	--	--
Roadway noncollision incident	228	94	52	29	13	113	89	1	--	14	--	3	4
Jack-knifed or overturned, roadway	193	79	44	24	11	99	80	1	--	9	--	3	4
Ran off roadway	13	6	4	--	--	5	4	--	--	1	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, all United States, 2014

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Struck by shifting load during transport, roadway	3	--	--	--	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, roadway	4	--	--	--	--	--	--	--	--	--	--	--	--
Fall or jump from vehicle in normal operation, roadway	7	4	--	--	--	--	--	--	--	--	--	--	--
Nonroadway incident involving motorized land vehicles	248	161	122	30	9	75	21	--	8	17	4	17	8
Nonroadway collision with other vehicle	9	--	--	--	--	7	--	--	--	1	--	4	--
Moving in same direction, nonroadway	4	--	--	--	--	4	--	--	--	--	--	4	--
Collision between a moving and standing vehicle, nonroadway	1	--	--	--	--	1	--	--	--	1	--	--	--
Nonroadway collision with object other than vehicle	48	31	21	7	3	14	5	--	--	3	--	3	--
Part of occupant's body caught between vehicle and other object in nonroadway transport incident	11	7	4	1	--	3	--	--	--	--	--	--	--
Nonroadway noncollision incident	191	129	101	23	5	54	16	--	7	13	--	10	6
Jack-knifed or overturned, nonroadway	127	90	70	18	--	31	9	--	4	7	1	8	--
Ran off driving surface, nonroadway	10	6	4	--	--	4	1	--	--	--	--	1	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	31	23	18	3	--	7	--	--	--	3	--	--	--
Fall or jump from vehicle in normal operation, nonroadway	13	3	3	--	--	9	4	--	1	--	--	--	--
Fires and explosions	137	66	29	14	23	53	29	--	1	--	--	8	12
Fires	53	20	10	5	5	21	9	--	1	--	--	5	5
Collapsing building, structure, or structural element during fire	3	--	--	--	--	--	--	--	--	--	--	--	--
Other structural fire without collapse	20	--	1	--	--	8	2	--	1	--	--	--	2
Vehicle or machinery fire	4	--	--	--	--	4	--	--	--	--	--	--	--
Ignition of clothing from controlled heat source	5	3	--	--	--	--	--	--	--	--	--	--	1
Forest or brush fire	3	3	3	--	--	--	--	--	--	--	--	--	--
Ignition of vapors, gases, or liquids	14	8	4	--	--	6	4	--	--	--	--	2	--
Explosions	84	46	19	9	18	32	20	--	--	1	--	3	7
Dust explosion	--	1	--	--	--	--	--	--	--	--	--	--	--
Explosion of nonpressurized vapors, gases, or liquids	29	17	8	--	7	11	5	--	--	1	--	--	3
Explosion of pressure vessel, piping, or tire	38	21	10	5	6	15	11	--	--	--	--	--	3
Falls, slips, trips	818	473	65	359	49	304	108	10	19	94	21	23	29
Slip or trip without fall	4	--	--	--	--	3	--	--	--	--	--	--	--
Trip without fall	3	--	--	--	--	--	--	--	--	--	--	--	--
Falls on same level	138	30	9	9	12	88	37	--	4	12	14	10	9
Fall on same level due to tripping	28	4	--	--	--	16	5	--	--	4	4	--	--
Fall on same level due to tripping over an object	19	4	--	--	--	13	4	--	--	3	4	--	--
Fall on same level due to slipping	27	4	1	--	3	19	8	--	--	--	3	3	--
Fall onto or against object on same level, n.e.c.	15	4	--	--	--	8	4	--	--	--	--	--	--
Falls to lower level	660	434	54	345	35	208	67	7	15	80	6	13	20
Fall from collapsing structure or equipment	44	32	--	29	--	12	3	--	--	5	--	1	--
Fall from collapsing structure or equipment 6 to 10 feet	5	3	--	--	--	--	--	--	--	--	--	1	--
Fall from collapsing structure or equipment 16 to 20 feet	4	--	--	--	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 21 to 25 feet	--	--	--	--	--	1	1	--	--	--	--	--	--
Fall from collapsing structure or equipment 26 to 30 feet	3	1	--	1	--	--	--	--	--	1	--	--	--
Fall from collapsing structure or equipment more than 30 feet	22	19	--	17	--	3	--	--	--	--	--	--	--
Fall through surface or existing opening	82	69	4	57	8	10	--	--	1	5	--	--	--
Fall through surface or existing opening 6 to 10 feet	12	10	--	9	--	--	--	--	--	--	--	--	--

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		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Fall through surface or existing opening 11 to 15 feet	16	15	--	12	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 16 to 20 feet	11	8	--	4	--	--	--	--	1	--	--	--	--
Fall through surface or existing opening 21 to 25 feet	9	7	1	6	--	1	--	--	--	--	--	--	1
Fall through surface or existing opening 26 to 30 feet	13	10	--	9	--	3	--	--	--	2	--	--	--
Fall through surface or existing opening more than 30 feet	18	16	--	15	1	--	--	--	--	1	--	--	--
Other fall to lower level	526	328	47	255	26	183	61	6	13	68	6	12	17
Other fall to lower level less than 6 feet	77	34	7	20	7	40	19	--	4	7	3	--	5
Other fall to lower level 6 to 10 feet	96	57	9	40	8	34	20	--	3	6	--	3	--
Other fall to lower level 11 to 15 feet	66	42	4	37	--	23	10	--	7	--	--	--	3
Other fall to lower level 16 to 20 feet	63	50	4	45	--	13	3	1	6	--	--	--	--
Other fall to lower level 21 to 25 feet	34	24	--	20	--	9	--	--	6	--	--	--	--
Other fall to lower level 26 to 30 feet	27	21	--	19	--	6	--	--	5	--	--	--	--
Other fall to lower level more than 30 feet	65	42	4	37	--	20	--	--	18	--	--	2	--
Jumps to lower level	3	--	--	--	--	--	--	--	--	--	--	--	--
Other jump to lower level	3	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments	390	199	31	122	46	164	63	3	6	41	17	20	14
Exposure to electricity	154	101	15	74	12	46	16	--	3	19	--	6	--
Direct exposure to electricity	87	60	10	42	8	21	11	--	3	4	--	3	--
Direct exposure to electricity, 220 volts or less	24	19	3	13	3	5	--	--	--	--	--	2	--
Direct exposure to electricity, greater than 220 volts	60	39	6	28	5	15	10	--	--	3	--	--	--
Indirect exposure to electricity	67	41	5	32	4	25	5	--	--	15	--	3	--
Indirect exposure to electricity, 220 volts or less	7	5	--	4	--	--	--	--	--	1	--	--	--
Indirect exposure to electricity, greater than 220 volts	60	36	5	28	3	23	5	--	--	14	--	--	--
Exposure to temperature extremes	26	19	4	9	6	6	3	--	--	--	--	--	--
Exposure to environmental heat	18	15	--	9	4	3	--	--	--	--	--	--	--
Contact with hot objects or substances	6	3	--	--	--	3	--	--	--	--	--	--	--
Exposure to other harmful substances	182	66	10	32	24	100	39	--	--	16	15	13	14
Nonmedical use of drugs or alcohol--unintentional overdose	114	33	6	18	9	73	27	--	--	9	14	10	10
Inhalation of harmful substance	59	30	4	13	13	24	11	--	--	7	--	--	4
Inhalation of harmful substance--single episode	59	30	4	13	13	24	11	--	--	7	--	--	4
Exposure to harmful substance through skin, eyes, or other exposed tissue	6	--	--	--	1	--	--	--	--	--	--	--	--
Exposure through scratch or other open wound	1	--	--	--	--	--	--	--	--	--	--	--	--
Exposure through intact skin, eyes, or other exposed tissue	3	--	--	--	1	--	--	--	--	--	--	--	--
Multiple types of exposures through skin, eyes, or other exposed tissue	1	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to other harmful substance--multiple routes of exposure	1	1	--	--	1	--	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	27	12	--	6	4	12	5	--	--	4	--	--	--
Drowning, submersion, n.e.c.	17	7	--	4	--	7	3	--	--	3	--	--	--
Choking on object or substance	5	--	--	--	--	4	--	--	--	--	--	--	--
Depletion of oxygen	5	4	--	--	--	1	1	--	--	--	--	--	--
Contact with objects and equipment	715	457	242	114	101	236	105	--	4	72	--	18	34
Struck by object or equipment	503	291	180	73	38	197	91	--	4	58	--	12	30
Struck by powered vehicle--nontransport	202	93	64	22	7	100	55	--	--	17	--	6	21
Caught between rolling powered vehicle and other object	32	13	11	1	--	18	15	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	70	34	24	8	2	32	18	--	--	6	--	3	4
Struck by swinging part of powered vehicle	21	14	7	7	--	5	3	--	--	--	--	--	--
Struck by falling part of powered vehicle still attached	35	22	17	3	--	12	4	--	--	5	--	1	--

See footnotes at end of table.

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Struck by powered vehicle tipping over--nontransport	4	--	--	--	--	3	--	--	--	--	--	--	--
Struck by other falling powered vehicle	37	7	4	--	--	29	13	--	--	4	--	1	11
Struck by rolling object or equipment--other than powered vehicle	8	8	4	3	--	--	--	--	--	--	--	--	--
Struck by object or equipment rolling freely	6	6	3	3	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	243	157	97	39	21	81	30	--	3	35	--	5	7
Struck by object falling from vehicle or machinery--other than vehicle part	69	44	18	16	10	24	16	--	--	4	--	--	--
Struck by discharged or flying object	21	14	--	5	7	7	1	--	1	3	--	--	--
Struck by dislodged flying object, particle	14	9	--	4	5	5	1	--	--	3	--	--	1
Struck by discharged object or substance	3	3	--	--	--	--	--	--	--	--	--	--	--
Injured by handheld object or equipment	5	5	--	3	--	--	--	--	--	--	--	--	--
Injured by slipping or swinging object held by injured worker	5	5	--	3	--	--	--	--	--	--	--	--	--
Struck by swinging or slipping object, other than handheld	16	9	8	--	1	6	3	--	--	3	--	--	--
Struck against object or equipment	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck against stationary object or equipment	3	--	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	132	104	37	12	55	24	8	--	--	11	--	3	--
Caught in running equipment or machinery	105	84	29	6	49	19	6	--	--	8	--	3	--
Caught in running equipment or machinery during maintenance, cleaning	48	40	10	--	28	7	3	--	--	--	--	1	--
Caught in running equipment or machinery during regular operation	45	34	14	4	16	10	3	--	--	5	--	1	--
Compressed or pinched by shifting objects or equipment	10	10	5	3	--	--	--	--	--	--	--	--	--
Entangled in other object or equipment	1	--	--	--	--	1	--	--	--	1	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	74	59	24	27	8	14	6	--	--	2	--	3	--
Excavation or trenching cave-in	13	11	--	10	--	2	--	--	--	2	--	--	--
Mine collapse or cave-in	2	2	2	--	--	--	--	--	--	--	--	--	--
Other cave-in	1	1	--	1	--	--	--	--	--	--	--	--	--
Landslide	11	7	3	--	--	3	--	--	--	--	--	3	--
Struck, caught, or crushed in other collapsing structure or equipment	24	18	--	11	5	6	3	--	--	--	--	--	--
Engulfment in other collapsing material	22	19	16	1	--	3	3	--	--	--	--	--	--
Overexertion and bodily reaction	10	--	--	--	--	4	--	--	--	--	--	--	--
Overexertion involving outside sources	5	--	--	--	--	--	--	--	--	--	--	--	--
Overexertion in lifting, lowering	3	--	--	--	--	--	--	--	--	--	--	--	--
Overexertion in lifting--single episode	3	--	--	--	--	--	--	--	--	--	--	--	--
Other exertions or bodily reactions	3	--	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, all United States, 2014

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <https://www.bls.gov/iif/oshcdef.htm>.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, April 21, 2016