

**TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2013**

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Total	4,585	5	9	57	279	777	853	1,115	933	557
<b>Violence and other injuries by persons or animals</b>	773	--	--	10	61	147	154	211	138	52
Intentional injury by person	686	--	--	8	53	134	141	196	113	41
Homicides (Intentional injury by other person)	404	--	--	6	29	89	86	106	63	25
Shooting by other person--intentional	322	--	--	5	23	77	73	83	46	15
Stabbing, cutting, slashing, piercing	38	--	--	1	4	5	8	9	6	5
Hitting, kicking, beating, shoving	21	--	--	--	--	--	4	7	7	--
Bombing, arson	2	--	--	--	--	--	--	--	--	--
Multiple violent acts by other person	10	--	--	--	1	3	--	--	3	1
Suicides (Self-inflicted injury--intentional)	282	--	--	--	24	45	55	90	50	16
Shooting--intentional self-harm	134	--	--	--	13	16	26	42	24	11
Hanging, strangulation, asphyxiation--intentional self-harm	102	--	--	--	8	21	19	34	17	3
Jumping from building or other structure--intentional self-harm	13	--	--	--	--	3	4	5	1	--
Cutting, stabbing--intentional self-harm	6	--	--	--	--	--	3	--	--	--
Drug overdose--intentional self-harm	4	--	--	--	--	--	--	--	--	--
Inhalation of substance--intentional self-harm	10	--	--	--	--	--	--	3	5	--
Injury by person--unintentional or intent unknown	52	--	--	--	7	9	11	10	12	1
Injury by other person--unintentional or intent unknown	17	--	--	--	--	3	--	3	7	1
Shooting by other person--unintentional	7	--	--	--	--	1	1	--	3	1
Injured by physical contact with person while restraining, subduing--unintentional	3	--	--	--	--	--	--	--	--	--
Self-inflicted injury--unintentional or intent unknown	35	--	--	--	6	6	9	7	5	--
Self-inflicted shooting--unintentional	--	--	--	--	--	1	--	--	--	--
Drug overdose--intent unknown	27	--	--	--	4	4	9	7	3	--
Animal and insect related incidents	35	--	--	--	--	4	--	5	13	10
Bites and stings	10	--	--	--	--	--	--	--	5	--
Stings and venomous bites	8	--	--	--	--	--	--	--	4	--
Nonvenomous insect bites	1	--	--	--	--	--	--	--	1	--
Struck by animal	23	--	--	--	--	3	--	4	8	7
Trampled by or stepped on by animal	10	--	--	--	--	--	--	--	6	--
Kicked by animal	--	--	--	--	--	1	--	--	--	--
Gored or rammed by animal	3	--	--	--	--	--	--	--	1	1
Multiple types of animal and insect incidents	1	--	--	--	--	--	--	1	--	--
Bitten and struck by animal	1	--	--	--	--	--	1	--	--	--
<b>Transportation incidents</b>	1,865	3	5	31	100	299	337	431	386	273
Aircraft incidents	136	--	--	1	4	22	32	29	25	23
Pedestrian struck by aircraft or propeller	--	--	--	--	--	--	--	--	--	1

See footnotes at end of table.

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		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Aircraft crash during takeoff or landing	48	--	--	--	1	8	9	11	11	8
Aircraft crash during takeoff or landing--due to mechanical failure	13	--	--	--	1	--	4	1	4	--
Aircraft crash during takeoff or landing--into structure, object, or ground	33	--	--	--	--	5	5	10	6	7
Explosion or fire on aircraft	3	--	--	--	--	--	--	2	--	--
Aircraft crash due to low-altitude entanglement	7	--	--	--	--	4	--	--	--	--
Other in-flight crash	59	--	--	--	--	8	17	13	8	11
Other in-flight crash due to mechanical failure	11	--	--	--	--	1	3	2	--	5
Other in-flight crash into structure, object, or ground	44	--	--	--	--	6	12	11	7	6
Parachuting incident	12	--	--	1	--	--	3	--	3	--
Rail vehicle incidents	41	--	--	--	1	3	7	12	13	5
Collision between rail vehicle and another vehicle	28	--	--	--	--	3	--	9	10	4
Collision between rail and roadway vehicles	25	--	--	--	--	3	--	8	8	4
Fall or jump from and struck by rail vehicle--transportation incident	1	--	--	--	--	--	--	1	--	--
Pedestrian struck by rail vehicle--transportation incident	9	--	--	--	1	--	3	--	--	--
Animal and other non-motorized vehicle transportation incidents	8	--	--	2	1	1	--	1	--	2
Animal transportation incident	7	--	--	2	--	1	--	1	--	2
Animal transportation collision in roadway	2	--	--	1	--	--	--	1	--	--
Thrown, fell, or jumped from animal being ridden	3	--	--	1	--	1	--	--	--	1
Thrown, tipped, or fell from animal-drawn vehicle	1	--	--	--	--	--	--	--	--	1
Pedal cycle incident	1	--	--	--	1	--	--	--	--	--
Fall from pedal cycle	1	--	--	--	1	--	--	--	--	--
Pedestrian vehicular incident	294	--	--	6	18	55	55	62	68	30
Pedestrian struck by vehicle in work zone	48	--	--	--	--	14	10	13	6	3
Pedestrian struck by forward-moving vehicle in work zone	34	--	--	--	--	10	9	8	4	--
Pedestrian struck by vehicle backing up in work zone	13	--	--	--	--	4	1	5	1	--
Pedestrian struck by vehicle in roadway	83	--	--	4	5	11	18	18	19	8
Pedestrian struck by vehicle propelled by another vehicle in roadway	5	--	--	--	--	1	--	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	70	--	--	2	--	9	17	17	17	6
Pedestrian struck by vehicle backing up in roadway	6	--	--	--	--	--	--	--	--	1
Pedestrian struck by vehicle on side of road	49	--	--	1	4	10	13	9	5	7
Pedestrian struck by vehicle propelled by another vehicle on side of road	6	--	--	--	--	1	1	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	41	--	--	1	3	8	12	7	3	7
Pedestrian struck by vehicle in nonroadway area	106	--	--	--	8	18	12	21	35	12
Pedestrian struck by forward-moving vehicle in nonroadway area	48	--	--	--	1	8	6	9	17	7

See footnotes at end of table.

**TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2013**

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Pedestrian struck by vehicle backing up in nonroadway area	48	--	--	--	5	9	6	10	16	--
Water vehicle incidents	60	--	--	--	5	17	7	16	10	4
Water vehicle collisions	8	--	--	--	--	3	--	3	2	--
Collision between water vehicles	3	--	--	--	--	1	--	--	1	--
Collision between water vehicle and object	5	--	--	--	--	2	--	--	1	--
Explosion or fire on water vehicle	1	--	--	--	--	--	--	1	--	--
Capsized or sinking water vehicle	10	--	--	--	3	--	5	1	--	--
Fall or jump from water vehicle	24	--	--	--	1	7	--	8	4	--
Machinery or equipment incident on water vehicle	12	--	--	--	1	5	1	3	1	--
Fall on water vehicle	3	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	1,099	--	--	18	62	180	201	265	229	142
Roadway collision with other vehicle	564	--	--	5	38	90	104	136	124	66
Roadway collision--moving in same direction	144	--	--	--	5	29	31	31	33	13
Roadway collision--moving in opposite directions, oncoming	192	--	--	--	18	33	34	47	39	19
Roadway collision--moving perpendicularly	136	--	--	2	12	16	22	32	33	19
Roadway collision--moving and standing vehicle in roadway	66	--	--	--	1	7	13	18	16	11
Roadway collision--moving and standing vehicle on side of roadway	18	--	--	--	2	4	3	4	3	--
Roadway collision with object other than vehicle	332	--	--	5	14	53	72	84	64	40
Vehicle struck object or animal in roadway	14	--	--	--	1	3	--	4	3	--
Vehicle struck object or animal on side of roadway	311	--	--	4	12	49	70	80	60	36
Vehicle struck by falling or flying object--roadway	5	--	--	1	1	--	--	--	--	1
Roadway noncollision incident	201	--	--	8	10	37	24	45	40	36
Jack-knifed or overturned, roadway	171	--	--	5	9	33	23	35	37	29
Ran off roadway	11	--	--	--	--	--	--	6	--	--
Struck by shifting load during transport, roadway	--	--	--	--	--	--	--	--	1	1
Fall or jump from and struck by same vehicle in normal operation, roadway	6	--	--	1	--	--	--	--	--	1
Fall or jump from vehicle in normal operation, roadway	10	--	--	--	--	1	--	2	--	--
Nonroadway incident involving motorized land vehicles	227	2	4	3	9	21	34	46	41	67
Nonroadway collision with other vehicle	11	--	--	--	3	--	--	--	--	--
Moving in same direction, nonroadway	5	--	--	--	--	--	--	1	1	--
Collision between a moving and standing vehicle, nonroadway	4	--	--	--	--	--	--	--	--	--
Nonroadway collision with object other than vehicle	34	--	--	1	--	4	7	10	6	6
Part of occupant's body caught between vehicle and other object in nonroadway transport incident	5	--	--	--	--	--	1	--	4	--
Nonroadway noncollision incident	181	2	4	--	6	17	25	34	33	58
Jack-knifed or overturned, nonroadway	118	1	1	--	4	12	17	27	18	36

See footnotes at end of table.

**TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2013**

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Ran off driving surface, nonroadway	6	--	--	--	--	--	--	--	--	3
Struck by shifting load during transport, nonroadway	--	--	--	--	--	--	--	--	1	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	37	1	3	--	--	--	5	3	10	11
Fall or jump from vehicle in normal operation, nonroadway	15	--	--	--	--	--	--	4	--	6
<b>Fires and explosions</b>	149	--	--	2	20	38	28	32	15	14
Fires	82	--	--	--	13	20	20	15	7	7
Collapsing building, structure, or structural element during fire	11	--	--	--	1	--	4	3	1	--
Other structural fire without collapse	16	--	--	--	--	3	5	3	--	--
Vehicle or machinery fire	4	--	--	--	--	1	--	--	--	--
Forest or brush fire	22	--	--	--	7	10	--	--	3	--
Ignition of vapors, gases, or liquids	13	--	--	--	--	--	6	--	1	--
Explosions	67	--	--	2	7	18	8	17	8	7
Dust explosion	--	--	--	--	--	--	--	1	--	1
Explosion of nonpressurized vapors, gases, or liquids	24	--	--	1	2	6	2	11	--	1
Explosion of pressure vessel, piping, or tire	24	--	--	--	--	7	5	5	3	4
Demolition or blasting explosion	3	--	--	--	--	--	--	--	3	--
<b>Falls, slips, trips</b>	724	1	1	--	28	84	124	180	175	129
Slip or trip without fall	6	--	--	--	--	--	--	5	--	--
Trip without fall	3	--	--	--	--	--	--	--	--	--
Falls on same level	110	--	--	--	--	8	11	22	32	36
Fall on same level due to tripping	22	--	--	--	--	--	--	3	7	10
Fall on same level due to tripping while climbing stairs, steps, or curbs	1	--	--	--	--	--	--	--	--	1
Fall on same level due to tripping over an object	12	--	--	--	--	--	--	--	5	4
Fall on same level due to tripping over self	3	--	--	--	--	--	--	--	--	--
Fall on same level due to slipping	30	--	--	--	--	--	3	7	12	8
Fall onto or against object on same level, n.e.c.	7	--	--	--	--	--	3	--	--	--
Falls to lower level	595	1	1	--	27	75	110	152	140	87
Fall from collapsing structure or equipment	45	--	--	--	--	9	9	16	7	--
Fall from collapsing structure or equipment 11 to 15 feet	4	--	--	--	--	1	1	--	--	--
Fall from collapsing structure or equipment 16 to 20 feet	4	--	--	--	--	--	2	--	--	--
Fall from collapsing structure or equipment 21 to 25 feet	4	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 26 to 30 feet	4	--	--	--	--	1	--	--	--	--
Fall from collapsing structure or equipment more than 30 feet	20	--	--	--	--	3	5	8	--	--
Fall through surface or existing opening	68	--	1	--	4	10	20	16	6	11

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Fall through surface or existing opening less than 6 feet	1	--	--	--	--	--	--	--	1	--
Fall through surface or existing opening 6 to 10 feet	7	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 11 to 15 feet	13	--	--	--	--	--	3	4	--	4
Fall through surface or existing opening 16 to 20 feet	8	--	--	--	--	--	3	3	--	--
Fall through surface or existing opening 21 to 25 feet	12	--	--	--	--	--	4	3	--	--
Fall through surface or existing opening 26 to 30 feet	10	--	--	--	1	--	4	3	--	--
Fall through surface or existing opening more than 30 feet	7	--	--	--	--	5	--	--	--	--
Other fall to lower level	474	1	--	--	22	56	80	117	124	73
Other fall to lower level less than 6 feet	66	--	--	--	--	3	8	13	20	20
Other fall to lower level 6 to 10 feet	52	--	--	--	--	4	4	9	20	13
Other fall to lower level 11 to 15 feet	74	--	--	--	4	6	11	22	24	7
Other fall to lower level 16 to 20 feet	59	--	--	--	1	9	13	15	14	6
Other fall to lower level 21 to 25 feet	44	--	--	--	3	8	5	14	11	3
Other fall to lower level 26 to 30 feet	22	--	--	--	1	7	6	4	3	--
Other fall to lower level more than 30 feet	67	1	--	--	5	14	18	17	11	1
Jumps to lower level	3	--	--	--	--	--	--	--	--	--
Other jump to lower level	3	--	--	--	--	--	--	--	--	--
<b>Exposure to harmful substances or environments</b>	335	--	--	5	22	85	77	78	55	13
Exposure to electricity	141	--	--	--	11	42	35	31	16	6
Direct exposure to electricity	85	--	--	--	7	22	23	19	11	3
Direct exposure to electricity, 220 volts or less	26	--	--	--	--	4	8	5	6	3
Direct exposure to electricity, greater than 220 volts	50	--	--	--	7	14	12	12	5	--
Indirect exposure to electricity	52	--	--	--	4	19	11	10	5	3
Indirect exposure to electricity, 220 volts or less	5	--	--	--	--	3	--	--	--	--
Indirect exposure to electricity, greater than 220 volts	44	--	--	--	4	15	10	8	4	3
Exposure to temperature extremes	38	--	--	--	--	7	8	8	13	--
Exposure to environmental heat	34	--	--	--	--	7	8	6	11	--
Contact with hot objects or substances	4	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	124	--	--	3	8	29	28	32	22	--
Nonmedical use of drugs or alcohol--unintentional overdose	82	--	--	3	5	19	21	21	13	--
Inhalation of harmful substance	39	--	--	--	1	10	6	11	9	--
Inhalation of harmful substance--single episode	39	--	--	--	1	10	6	11	9	--
Exposure to oxygen deficiency, n.e.c.	30	--	--	--	3	7	5	6	4	3
Drowning, submersion, n.e.c.	16	--	--	1	2	4	3	1	--	3
Choking on object or substance	8	--	--	--	--	--	--	4	--	--
Depletion of oxygen	5	--	--	--	--	--	--	1	--	--
<b>Contact with objects and equipment</b>	721	--	3	7	47	123	127	180	157	76
Struck by object or equipment	509	--	--	6	36	76	87	134	109	58

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		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Struck by powered vehicle--nontransport	197	--	--	--	8	26	26	60	44	30
Caught between rolling powered vehicle and other object	40	--	--	--	3	6	4	12	10	3
Struck or run over by rolling powered vehicle	63	--	--	--	--	7	7	18	11	18
Struck by swinging part of powered vehicle	16	--	--	--	--	5	--	5	--	--
Struck by falling part of powered vehicle still attached	31	--	--	--	--	4	5	11	5	5
Struck by powered vehicle tipping over--nontransport	6	--	--	--	--	--	--	2	--	--
Struck by other falling powered vehicle	39	--	--	--	3	--	8	12	13	--
Struck by rolling object or equipment--other than powered vehicle	10	--	--	--	--	3	--	--	--	--
Struck by rolling object or equipment being pushed by injured worker	2	--	--	--	--	--	--	--	--	1
Struck by object or equipment rolling freely	6	--	--	--	--	2	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	245	--	--	5	24	38	44	60	49	24
Struck by object or equipment dropped by injured worker	3	--	--	--	--	--	--	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	78	--	--	--	10	10	14	18	17	8
Struck by discharged or flying object	29	--	--	--	--	4	7	8	7	--
Struck by dislodged flying object, particle	21	--	--	--	--	--	5	6	5	--
Struck by discharged object or substance	4	--	--	--	--	--	--	--	--	--
Injured by handheld object or equipment	4	--	--	--	--	--	3	--	--	--
Struck by swinging or slipping object, other than handheld	17	--	--	--	--	4	4	--	5	--
Struck by or caught in swinging door or gate	3	--	--	--	--	--	--	--	--	--
Struck against object or equipment	3	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	131	--	1	--	8	28	24	28	32	9
Caught in running equipment or machinery	105	--	1	--	7	23	17	23	25	8
Caught in running equipment or machinery during maintenance, cleaning	57	--	--	--	4	14	11	13	13	--
Caught in running equipment or machinery during regular operation	42	--	1	--	3	7	6	8	11	6
Compressed or pinched by shifting objects or equipment	5	--	--	--	--	1	--	--	3	--
Entangled in other object or equipment	--	--	--	--	--	--	--	1	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	78	--	--	--	3	18	16	18	15	8
Excavation or trenching cave-in	22	--	--	--	1	5	4	7	5	--
Landslide	5	--	--	--	--	3	--	--	--	--
Struck, caught, or crushed in other collapsing structure or equipment	28	--	--	--	2	6	9	4	3	4
Engulfment in other collapsing material	17	--	--	--	--	3	--	4	4	4
<b>Overexertion and bodily reaction</b>	15	--	--	--	--	--	6	--	5	--
Overexertion involving outside sources	7	--	--	--	--	--	--	--	3	--
Overexertion in lifting, lowering	4	--	--	--	--	--	1	--	--	--

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Overexertion in lifting--single episode	3	--	--	--	--	--	1	--	--	--
Overexertion in pushing, pulling, or turning	3	--	--	--	--	--	--	--	--	--
Overexertion in pushing, pulling, or turning--single episode	3	--	--	--	--	--	--	--	--	--
Other exertions or bodily reactions	7	--	--	--	--	--	4	--	--	--
Walking, without other incident	3	--	--	--	--	--	--	--	--	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

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. N.e.c. means "not elsewhere classified." 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 22, 2015