

TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2012

Event or exposure ¹	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	4,628	19	10	59	287	736	829	1,161	936	588
Violence and other injuries by persons or animals	803	2	--	8	58	148	155	211	152	68
Intentional injury by person	725	--	--	8	50	131	142	197	141	55
Intentional injury by other person	475	--	--	7	30	99	101	114	85	38
Shooting by other person--intentional	381	--	--	5	25	84	85	94	59	28
Stabbing, cutting, slashing, piercing	35	--	--	--	4	7	8	4	8	3
Hitting, kicking, beating, shoving	34	--	--	--	--	1	4	12	12	4
Strangulation by other person	3	--	--	--	--	--	--	--	--	--
Bombing, arson	--	--	--	--	--	--	--	--	--	1
Multiple violent acts by other person	8	--	--	--	--	--	--	--	--	--
Self-inflicted injury--intentional	249	--	--	--	20	32	41	82	56	17
Shooting--intentional self-harm	117	--	--	--	10	13	15	37	29	13
Hanging, strangulation, asphyxiation--intentional self-harm	89	--	--	--	6	15	18	30	17	--
Jumping from building or other structure--intentional self-harm	16	--	--	--	--	--	4	4	3	--
Cutting, stabbing--intentional self-harm	5	--	--	--	--	--	1	--	--	--
Drug overdose--intentional self-harm	6	--	--	--	1	--	--	--	3	--
Inhalation of substance--intentional self-harm	9	--	--	--	--	--	--	7	--	--
Injury by person--unintentional or intent unknown	40	1	--	--	5	13	9	6	--	4
Injury by other person--unintentional or intent unknown	23	1	--	--	3	6	6	3	--	3
Shooting by other person--unintentional	12	1	--	--	3	3	--	--	--	--
Injured by physical contact with other person in sporting event or physical training	5	--	--	--	--	2	--	--	--	--
Injured by physical contact during horseplay	--	--	--	--	--	1	--	--	--	--
Injured by physical contact with person while restraining, subduing--unintentional	3	--	--	--	--	--	--	--	--	--
Self-inflicted injury--unintentional or intent unknown	17	--	--	--	--	7	3	3	1	1
Self-inflicted shooting--unintentional	5	--	--	--	--	1	1	1	1	1
Drug overdose--intent unknown	7	--	--	--	--	3	--	--	--	--
Animal and insect related incidents	38	1	--	--	3	4	4	8	9	9
Bites and stings	10	--	--	--	--	1	--	--	3	--
Stings and venomous bites	8	--	--	--	--	1	--	--	--	--
Struck by animal	26	1	--	--	3	3	1	6	6	6
Trampled by or stepped on by animal	13	1	--	--	1	--	--	--	3	5
Kicked by animal	4	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2012

Event or exposure ¹	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
Mauled, clawed, or scratched by animal	--	--	--	--	1	--	--	--	--	--
Gored or rammed by animal	4	--	--	--	--	--	1	1	--	1
Multiple types of animal and insect incidents	1	--	--	--	--	--	--	--	--	1
Transportation incidents	1,923	9	7	24	123	296	336	467	397	261
Aircraft incidents	127	--	--	--	9	23	19	27	26	22
Aircraft crash during takeoff or landing	38	--	--	--	4	4	--	10	8	11
Aircraft crash during takeoff or landing--due to mechanical failure	8	--	--	--	1	--	--	3	--	--
Aircraft crash during takeoff or landing--into structure, object, or ground	24	--	--	--	3	4	--	5	5	6
Aircraft crash due to low-altitude entanglement	10	--	--	--	--	--	5	--	1	--
Other in-flight crash	74	--	--	--	4	15	12	15	17	10
Other in-flight crash due to mechanical failure	6	--	--	--	1	2	--	--	--	2
Other in-flight crash between air vehicles	10	--	--	--	--	6	--	1	1	--
Other in-flight crash into structure, object, or ground	58	--	--	--	--	7	11	13	16	8
Parachuting incident	3	--	--	--	--	3	--	--	--	--
Rail vehicle incidents	38	--	--	--	2	4	8	11	8	5
Collision between rail vehicle and another vehicle	34	--	--	--	2	4	8	9	6	5
Collision between two rail vehicles	5	--	--	--	--	--	--	--	--	--
Collision between rail and roadway vehicles	28	--	--	--	2	3	6	7	5	5
Pedestrian struck by rail vehicle--transportation incident	2	--	--	--	--	--	--	1	1	--
Animal and other non-motorized vehicle transportation incidents	15	1	--	1	--	4	1	--	--	3
Animal transportation incident	12	1	--	1	--	3	1	--	1	3
Thrown, fell, or jumped from animal being ridden	8	--	--	1	--	--	--	--	1	--
Thrown, tipped, or fell from animal-drawn vehicle	3	1	--	--	--	--	1	--	--	--
Pedal cycle incident	3	--	--	--	--	--	--	1	--	--
Pedal cycle collision in roadway	--	--	--	--	--	--	--	1	--	--
Fall from pedal cycle	1	--	--	--	--	--	--	--	--	--
Pedestrian vehicular incident	293	--	--	4	15	53	43	70	73	33
Pedestrian struck by vehicle in work zone	65	--	--	--	8	10	8	17	16	6
Pedestrian struck by vehicle propelled by another vehicle in work zone	10	--	--	--	--	5	1	--	--	1
Pedestrian struck by forward-moving vehicle in work zone	42	--	--	--	7	3	6	11	12	3
Pedestrian struck by vehicle backing up in work zone	11	--	--	--	--	--	--	5	2	--
Pedestrian struck by vehicle in roadway	73	--	--	--	3	15	9	12	22	9
Pedestrian struck by vehicle propelled by another vehicle in roadway	6	--	--	--	1	1	--	--	3	--
Pedestrian struck by forward-moving vehicle in roadway	63	--	--	--	--	13	7	11	19	8

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2012

Event or exposure ¹	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 roadway	3	--	--	--	--	--	--	--	--	1
Pedestrian struck by vehicle on side of road	54	--	--	--	3	8	12	16	11	4
Pedestrian struck by vehicle propelled by another vehicle on side of road	12	--	--	--	--	3	--	3	4	--
Pedestrian struck by forward-moving vehicle on side of road	37	--	--	--	--	5	9	10	7	4
Pedestrian struck by vehicle backing up on side of road	1	--	--	--	--	--	--	1	--	--
Pedestrian struck by vehicle in nonroadway area	96	--	1	--	--	17	14	24	23	14
Pedestrian struck by vehicle propelled by another vehicle in nonroadway area	2	--	--	--	--	--	1	--	1	--
Pedestrian struck by forward-moving vehicle in nonroadway area	42	--	--	--	--	3	4	15	12	6
Pedestrian struck by vehicle backing up in nonroadway area	42	--	1	--	--	11	8	9	6	6
Water vehicle incidents	63	--	--	--	6	14	15	10	8	4
Water vehicle collisions	4	--	--	--	--	--	2	--	--	--
Collision between water vehicles	4	--	--	--	--	--	2	--	--	--
Capsized or sinking water vehicle	18	--	--	--	--	4	7	3	1	1
Fall or jump and struck by water vehicle	--	--	--	--	--	1	--	--	--	1
Fall or jump from water vehicle	21	--	--	--	--	3	6	5	3	1
Machinery or equipment incident on water vehicle	5	--	--	--	1	--	--	--	--	--
Fall on water vehicle	5	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	1,153	1	4	14	76	176	220	298	231	133
Roadway collision with other vehicle	565	--	1	4	41	84	99	147	121	68
Roadway collision--moving in same direction	124	--	1	--	8	16	20	29	34	16
Roadway collision--moving in opposite directions, oncoming	204	--	--	4	15	33	39	57	38	18
Roadway collision--moving perpendicularly	134	--	--	--	12	20	23	34	29	16
Roadway collision--moving and standing vehicle in roadway	71	--	--	--	5	10	12	20	15	9
Roadway collision--moving and standing vehicle on side of roadway	22	--	--	--	1	4	5	5	3	4
Roadway collision with object other than vehicle	338	--	1	7	16	45	75	92	69	33
Vehicle struck object or animal in roadway	11	--	--	--	--	1	--	--	6	--
Vehicle struck object or animal on side of roadway	318	--	1	7	16	43	72	87	62	30
Vehicle struck by falling or flying object--roadway	5	--	--	--	--	1	--	--	--	1
Roadway noncollision incident	247	1	--	3	19	47	46	58	40	31
Jack-knifed or overturned, roadway	202	--	--	--	15	38	39	47	33	27
Ran off roadway	23	1	--	--	2	3	4	6	4	3
Fall or jump from and struck by same vehicle in normal operation, roadway	6	--	1	--	--	--	1	--	1	--
Fall or jump from vehicle in normal operation, roadway	15	--	--	--	2	3	--	5	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2012

Event or exposure ¹	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
Nonroadway incident involving motorized land vehicles	233	6	--	2	14	22	30	49	49	60
Nonroadway collision with other vehicle	9	--	--	--	--	--	--	3	--	--
Collision between a moving and standing vehicle, nonroadway	6	--	--	--	--	--	--	3	--	--
Nonroadway collision with object other than vehicle	44	--	--	--	6	--	6	12	6	12
Part of occupant's body caught between vehicle and other object in nonroadway transport incident	8	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	175	5	--	2	7	19	22	32	39	48
Jack-knifed or overturned, nonroadway	115	3	--	1	6	15	15	17	24	33
Ran off driving surface, nonroadway	3	--	--	--	--	--	--	--	--	--
Struck by shifting load during transport, nonroadway	--	--	--	--	--	--	--	--	1	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	27	2	--	--	--	1	3	7	5	8
Fall or jump from vehicle in normal operation, nonroadway	22	--	--	1	--	--	--	4	7	6
Fires and explosions	122	--	--	--	10	27	24	28	26	6
Fires	34	--	--	--	3	9	3	7	8	4
Collapsing building, structure, or structural element during fire	--	--	--	--	--	--	--	--	1	--
Other structural fire without collapse	6	--	--	--	--	--	1	--	--	--
Vehicle or machinery fire	5	--	--	--	--	--	--	1	2	--
Ignition of vapors, gases, or liquids	16	--	--	--	3	5	--	4	--	--
Explosions	88	--	--	--	7	18	21	21	18	2
Dust explosion	--	--	--	--	--	1	--	--	--	--
Explosion of nonpressurized vapors, gases, or liquids	28	--	--	--	--	5	7	5	8	--
Explosion of pressure vessel, piping, or tire	45	--	--	--	3	11	10	12	6	2
Falls, slips, trips	704	--	1	7	20	77	107	197	159	136
Slip or trip without fall	6	--	--	--	--	--	--	3	--	--
Trip without fall	4	--	--	--	--	--	--	--	--	--
Trip from stepping into a hole without fall	3	--	--	--	--	--	--	--	--	--
Falls on same level	120	--	--	--	--	6	14	23	26	50
Fall on same level due to tripping	24	--	--	--	--	--	3	5	3	13
Fall on same level due to tripping while climbing stairs, steps, or curbs	--	--	--	--	--	--	--	--	--	1
Fall on same level due to tripping on uneven surface	3	--	--	--	--	--	--	--	--	--
Fall on same level due to tripping over an object	11	--	--	--	--	--	--	--	--	7
Fall on same level due to tripping over self	3	--	--	--	--	--	--	--	--	--
Fall on same level due to slipping	19	--	--	--	--	--	4	5	--	7
Fall while sitting	6	--	--	--	--	--	--	--	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
Falls to lower level	570	--	1	7	19	70	91	167	130	85
Fall from collapsing structure or equipment	35	--	--	--	--	5	5	10	10	4
Fall from collapsing structure or equipment 6 to 10 feet	4	--	--	--	--	1	--	--	--	--
Fall from collapsing structure or equipment 11 to 15 feet	7	--	--	--	--	--	--	--	--	1
Fall from collapsing structure or equipment 16 to 20 feet	3	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 21 to 25 feet	6	--	--	--	--	--	1	3	--	--
Fall from collapsing structure or equipment 26 to 30 feet	3	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment more than 30 feet	10	--	--	--	--	--	1	3	--	--
Fall through surface or existing opening	72	--	1	3	3	14	14	21	9	7
Fall through surface or existing opening less than 6 feet	3	--	1	--	--	--	--	--	--	--
Fall through surface or existing opening 11 to 15 feet	8	--	--	--	--	--	--	3	--	--
Fall through surface or existing opening 16 to 20 feet	10	--	--	--	--	5	--	--	--	--
Fall through surface or existing opening 21 to 25 feet	10	--	--	--	--	5	--	2	--	--
Fall through surface or existing opening 26 to 30 feet	11	--	--	--	--	--	4	4	--	--
Fall through surface or existing opening more than 30 feet	22	--	--	--	--	--	5	7	4	--
Other fall to lower level	453	--	--	4	14	49	71	134	108	73
Other fall to lower level less than 6 feet	53	--	--	--	--	--	8	8	18	16
Other fall to lower level 6 to 10 feet	56	--	--	--	1	1	6	16	18	14
Other fall to lower level 11 to 15 feet	65	--	--	--	--	10	9	20	17	7
Other fall to lower level 16 to 20 feet	47	--	--	--	3	7	10	15	11	--
Other fall to lower level 21 to 25 feet	33	--	--	--	--	6	6	14	5	--
Other fall to lower level 26 to 30 feet	25	--	--	--	--	3	7	11	--	--
Other fall to lower level more than 30 feet	81	--	--	--	6	16	17	26	11	4
Jumps to lower level	4	--	--	--	--	--	--	3	--	--
Other jump to lower level	4	--	--	--	--	--	--	3	--	--
Other jump to lower level more than 30 feet	1	--	--	--	--	--	--	1	--	--
Exposure to harmful substances or environments	340	--	--	9	28	77	84	90	40	10
Exposure to electricity	156	--	--	3	17	44	41	35	10	4
Direct exposure to electricity	76	--	--	--	10	16	19	17	7	4
Direct exposure to electricity, 220 volts or less	18	--	--	--	2	3	8	--	--	--
Direct exposure to electricity, greater than 220 volts	53	--	--	--	8	12	9	13	5	3
Indirect exposure to electricity	74	--	--	--	6	27	20	16	3	--
Indirect exposure to electricity, 220 volts or less	5	--	--	--	--	3	--	--	--	--
Indirect exposure to electricity, greater than 220 volts	67	--	--	--	6	23	18	16	3	--
Exposure to temperature extremes	41	--	--	--	--	10	7	11	11	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
Exposure to environmental heat	31	--	--	--	--	8	5	9	8	--
Exposure to environmental cold	4	--	--	--	--	--	--	--	--	--
Contact with hot objects or substances	6	--	--	--	--	2	--	--	--	1
Exposure to other harmful substances	110	--	--	--	7	19	31	32	16	--
Nonmedical use of drugs or alcohol--unintentional overdose	65	--	--	--	4	11	23	19	7	--
Inhalation of harmful substance	40	--	--	--	3	8	7	10	8	--
Inhalation of harmful substance--single episode	39	--	--	--	3	7	7	10	8	--
Ingestion of harmful substance	3	--	--	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	33	--	--	2	4	4	5	12	3	3
Drowning, submersion, n.e.c.	24	--	--	1	3	3	4	10	--	--
Choking on object or substance	7	--	--	--	--	--	--	--	--	--
Depletion of oxygen	--	--	--	1	--	--	--	--	--	--
Contact with objects and equipment	723	7	--	10	47	110	122	164	158	105
Struck by object or equipment	519	3	--	7	31	66	90	115	113	94
Struck by powered vehicle--nontransport	201	1	--	--	8	15	30	47	45	53
Caught between rolling powered vehicle and other object	25	--	--	--	--	1	5	8	4	6
Struck or run over by rolling powered vehicle	70	--	--	--	--	3	4	18	16	28
Struck by swinging part of powered vehicle	20	--	--	--	--	--	6	5	--	4
Struck by falling part of powered vehicle still attached	42	1	--	--	3	6	6	7	11	8
Struck by powered vehicle tipping over--nontransport	9	--	--	1	--	--	1	1	4	2
Struck by other falling powered vehicle	32	--	--	--	--	4	7	7	8	4
Struck by rolling object or equipment--other than powered vehicle	21	--	--	--	--	--	4	--	8	5
Struck by rolling object or equipment being pushed by injured worker	3	--	--	--	--	--	--	--	--	1
Struck by object or equipment rolling freely	10	--	--	--	--	--	--	--	3	2
Struck by falling object or equipment--other than powered vehicle	241	--	--	4	18	42	47	54	47	28
Struck by object falling from vehicle or machinery--other than vehicle part	80	--	--	--	8	13	19	21	14	5
Struck by discharged or flying object	27	--	--	--	--	5	4	5	7	3
Struck by dislodged flying object, particle	20	--	--	--	--	3	--	3	6	3
Struck by discharged object or substance	4	--	--	--	--	--	1	--	1	--
Injured by handheld object or equipment	4	--	--	--	--	--	--	--	--	1
Injured by slipping or swinging object held by injured worker	3	--	--	--	--	--	--	--	--	1
Struck by swinging or slipping object, other than handheld	16	--	--	--	2	--	3	4	--	3
Struck by or caught in swinging door or gate	3	--	--	--	--	--	--	--	--	1
Struck against object or equipment	4	--	--	--	--	--	--	3	--	--

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Event or exposure ¹	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
Struck against stationary object or equipment	3	--	--	--	--	--	--	--	--	--
Struck against stationary object or equipment while rising	1	--	--	--	--	--	--	1	--	--
Caught in or compressed by equipment or objects	124	4	--	--	10	28	20	27	28	6
Caught in running equipment or machinery	93	2	--	--	6	22	17	20	20	5
Caught in running equipment or machinery during maintenance, cleaning	41	--	--	--	2	9	7	12	9	--
Caught in running equipment or machinery during regular operation	40	1	--	--	2	11	10	6	7	3
Compressed or pinched by shifting objects or equipment	15	1	--	--	--	4	--	3	5	--
Struck, caught, or crushed in collapsing structure, equipment, or material	73	--	--	--	6	15	12	19	16	3
Excavation or trenching cave-in	15	--	--	1	--	4	4	3	--	--
Mine collapse or cave-in	3	--	--	--	--	--	--	--	1	--
Landslide	3	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in other collapsing structure or equipment	39	--	--	--	4	6	5	11	10	3
Engulfment in other collapsing material	9	--	--	--	--	3	--	1	4	--
Overexertion and bodily reaction	6	--	--	--	1	--	--	--	3	--
Overexertion involving outside sources	4	--	--	--	1	--	--	--	1	--
Overexertion in pushing, pulling, or turning	3	--	--	--	--	--	--	--	1	--
Overexertion in pushing, pulling, or turning--single episode	3	--	--	--	--	--	--	--	1	--
Overexertion in holding, carrying, or wielding	1	--	--	--	1	--	--	--	--	--
Overexertion in holding, carrying, or wielding--single episode	1	--	--	--	1	--	--	--	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, all United States, 2012

Event or exposure ¹	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

¹ 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 24, 2014