

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2009

Event or exposure ¹	Total fatalities (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.....	4,551	13	14	57	275	704	908	1,173	853	551
Contact with objects and equipment.....	741	6	--	8	38	116	144	199	132	97
Struck against object or equipment.....	8	--	--	--	--	--	3	--	--	--
Struck against stationary object or equipment.....	6	--	--	--	--	--	3	--	--	--
Struck by object or equipment.....	420	--	--	5	19	63	81	121	71	60
Struck by falling object or equipment.....	272	--	--	5	11	42	55	80	47	32
Struck by flying object.....	41	--	--	--	3	10	10	10	6	--
Struck by dislodged flying object, particle.....	27	--	--	--	3	6	5	7	6	--
Struck by discharged object or substance.....	13	--	--	--	--	4	4	3	--	--
Struck by swinging or slipping object.....	35	--	--	--	--	5	6	12	6	4
Struck by or slammed in swinging door or gate.....	3	--	--	--	--	--	--	--	--	--
Struck by slipping handheld object.....	9	--	--	--	--	--	--	--	3	--
Struck by swinging or slipping object, n.e.c.....	21	--	--	--	--	4	3	8	--	--
Struck by rolling, sliding objects or equipment on floor or ground level.....	60	--	--	--	--	4	9	17	7	22
Struck by object or equipment, n.e.c.....	10	--	--	--	--	--	--	--	3	--
Caught in or compressed by equipment or objects.....	233	--	--	3	13	32	46	57	54	26
Caught in running equipment or machinery.....	114	--	--	3	10	17	22	24	26	11
Compressed or pinched by rolling, sliding, or shifting objects.....	60	--	--	--	--	8	7	16	17	10
Caught in or compressed by equipment or objects, n.e.c.....	57	--	--	--	--	7	16	17	11	4
Caught in or crushed in collapsing materials.....	80	4	--	--	6	19	14	19	7	10
Excavation or trenching cave-in.....	22	--	--	--	--	7	5	4	--	3
Caught in or crushed in collapsing structure.....	22	--	--	--	--	7	4	6	--	--
Caught in or crushed in collapsing materials, n.e.c.....	32	3	--	--	--	5	4	7	4	6
Falls.....	645	--	--	4	35	72	101	166	154	111
Fall, unspecified.....	14	--	--	--	--	--	--	4	--	6
Fall to lower level.....	538	--	--	4	33	67	87	143	131	71
Fall to lower level, unspecified.....	9	--	--	--	--	--	--	--	--	--
Fall down stairs or steps.....	25	--	--	--	--	--	--	--	9	12
Fall from floor, dock, or ground level.....	31	--	--	--	3	--	5	8	9	4
Fall through existing floor opening.....	11	--	--	--	--	--	--	--	4	--
Fall through floor surface.....	4	--	--	--	--	--	--	--	--	--
Fall from loading dock.....	3	--	--	--	--	--	--	--	--	--
Fall from ground level to lower level.....	5	--	--	--	--	--	--	--	3	--
Fall from floor, dock, or ground level, n.e.c.....	6	--	--	--	--	--	--	3	--	--
Fall from ladder.....	127	--	--	--	--	14	20	43	30	19
Fall from roof.....	109	--	--	4	10	17	21	25	26	5

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2009 - continued

Event or exposure ¹	Total fatalities (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
Fall from roof, unspecified.....	14	--	--	--	--	3	4	4	--	--
Fall through existing roof opening.....	8	--	--	--	--	--	--	--	--	--
Fall through roof surface.....	7	--	--	--	--	--	--	--	--	--
Fall through skylight.....	19	--	--	--	3	--	3	5	4	--
Fall from roof edge.....	56	--	--	--	3	7	11	12	18	--
Fall from roof, n.e.c.....	5	--	--	--	--	--	--	--	--	--
Fall from scaffold, staging.....	54	--	--	--	5	11	11	18	8	--
Fall from building girders or other structural steel.....	19	--	--	--	--	5	5	--	4	--
Fall from nonmoving vehicle.....	77	--	--	--	4	4	5	26	19	19
Fall to lower level, n.e.c.....	86	--	--	--	7	13	16	18	23	8
Fall on same level.....	93	--	--	--	--	5	12	19	22	34
Fall to floor, walkway, or other surface.....	79	--	--	--	--	--	9	16	20	31
Fall onto or against objects.....	9	--	--	--	--	--	--	--	--	3
Fall on same level, n.e.c.....	3	--	--	--	--	--	--	--	--	--
Bodily reaction and exertion.....	8	--	--	--	--	--	3	--	--	--
Bodily reaction.....	4	--	--	--	--	--	--	--	--	--
Overexertion.....	4	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments.....	404	--	--	5	41	99	96	96	45	22
Contact with electric current.....	170	--	--	--	21	50	45	32	12	8
Contact with electric current, unspecified.....	6	--	--	--	--	--	--	--	--	--
Contact with electric current of machine, tool, appliance, or light fixture.....	34	--	--	--	--	8	9	8	5	--
Contact with wiring, transformers, or other electrical components.....	60	--	--	--	7	16	17	13	--	4
Contact with overhead power lines.....	63	--	--	--	11	23	15	9	4	--
Struck by lightning.....	4	--	--	--	--	--	3	--	--	--
Contact with temperature extremes.....	41	--	--	--	3	9	7	12	6	3
Exposure to environmental heat.....	35	--	--	--	3	9	6	9	4	3
Contact with hot objects or substances.....	5	--	--	--	--	--	--	--	--	--
Exposure to caustic, noxious, or allergenic substances.....	129	--	--	--	10	30	28	39	15	6
Exposure to caustic, noxious, or allergenic substances, unspecified.....	16	--	--	--	--	4	4	5	--	--
Inhalation of substance.....	45	--	--	--	5	8	7	14	6	5
Inhalation in enclosed, restricted, or confined space.....	14	--	--	--	3	3	--	4	--	--
Inhalation in open or nonconfined space.....	30	--	--	--	--	4	5	10	6	3
Injections, stings, venomous bites.....	25	--	--	--	--	6	10	6	--	--
Bee, wasp, hornet sting.....	7	--	--	--	--	--	--	4	--	--
Other stings or venomous bites.....	3	--	--	--	--	--	--	--	--	--
Injections, stings, venomous bites, n.e.c.....	14	--	--	--	--	6	6	--	--	--
Ingestion of substance.....	39	--	--	--	4	11	6	13	5	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2009 - continued

Event or exposure ¹	Total fatalities (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
Exposure to caustic, noxious, or allergenic substances, n.e.c.....	4	--	--	--	--	--	--	--	--	--
Oxygen deficiency, n.e.c.....	62	--	--	--	7	10	14	13	12	5
Drowning, submersion.....	51	--	--	--	7	8	12	9	10	4
Choking on object or substance.....	7	--	--	--	--	--	--	--	--	--
Transportation accidents.....	1,795	6	8	26	102	255	335	450	356	255
Highway accident.....	985	--	5	13	58	139	200	263	191	114
Collision between vehicles, mobile equipment.....	466	--	--	4	29	67	97	129	83	53
Collision between vehicles, mobile equipment, unspecified.....	5	--	--	--	--	--	--	--	--	--
Re-entrant collision.....	10	--	--	--	--	--	--	--	5	--
Moving in same direction.....	117	--	--	--	4	13	20	40	22	18
Moving in opposite directions, oncoming.....	184	--	--	--	15	34	43	47	30	10
Moving in intersection.....	82	--	--	--	6	12	17	22	12	13
Moving and standing vehicle, mobile equipment--in roadway.....	46	--	--	--	--	4	12	12	7	7
Moving and standing vehicle, mobile equipment--side of road.....	15	--	--	--	--	--	4	3	5	--
Collision between vehicles, mobile equipment, n.e.c.....	7	--	--	--	--	--	--	--	--	4
Vehicle struck object in roadway.....	16	--	--	--	--	3	4	5	3	--
Vehicle struck object on side of road.....	255	--	--	6	11	35	45	71	52	35
Noncollision accident.....	240	--	--	3	18	33	52	55	52	24
Jack-knifed or overturned--no collision.....	202	--	--	--	14	30	45	50	40	19
Ran off highway--no collision.....	17	--	--	--	--	--	4	--	8	3
Noncollision accident, n.e.c.....	20	--	--	--	3	3	3	3	4	--
Highway accident, n.e.c.....	7	--	--	--	--	--	--	3	--	--
Nonhighway accident, except rail, air, water.....	261	3	--	4	12	22	22	57	64	75
Collision between vehicles or mobile equipment.....	11	--	--	--	--	--	--	--	3	--
Vehicle, mobile equipment struck stationary object.....	28	--	--	--	--	3	3	8	7	6
Noncollision accident.....	214	--	--	3	10	16	16	46	54	66
Fall from moving vehicle, mobile equipment.....	16	--	--	--	--	--	--	4	5	3
Fell from and struck by vehicle, mobile equipment.....	44	--	--	--	--	3	--	11	14	11
Overturned.....	133	--	--	--	7	11	8	24	33	47
Loss of control.....	3	--	--	--	--	--	--	--	--	--
Struck by shifting load.....	3	--	--	--	--	--	--	--	--	--
Sudden start or stop, n.e.c.....	3	--	--	--	--	--	--	--	--	--
Noncollision accident, n.e.c.....	11	--	--	--	--	--	4	5	--	--
Nonhighway accident, n.e.c.....	7	--	--	--	--	--	--	--	--	3
Pedestrian, nonpassenger struck by vehicle, mobile equipment.....	268	--	--	5	12	33	50	69	57	40

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2009 - continued

Event or exposure ¹	Total fatalities (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, mobile equipment in roadway.....	92	--	--	--	4	16	17	22	18	14
Pedestrian struck by vehicle, mobile equipment on side of road.....	53	--	--	--	3	5	13	15	9	6
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area.....	121	--	--	--	5	12	19	31	30	20
Railway accident.....	34	--	--	--	--	5	8	7	8	3
Collision between railway vehicles.....	4	--	--	--	--	--	--	--	--	--
Collision between railway vehicle and other vehicle.....	26	--	--	--	--	--	7	7	6	3
Fell from and struck by railway vehicle.....	3	--	--	--	--	--	--	--	--	--
Water vehicle accident.....	86	--	--	3	6	20	18	20	11	6
Collision.....	10	--	--	--	--	--	--	--	--	--
Fall from ship, boat, n.e.c.....	38	--	--	--	4	11	11	7	--	--
Fall on ship, boat.....	4	--	--	--	--	--	--	--	--	--
Sinking, capsized water vehicle.....	29	--	--	--	--	6	6	5	6	--
Aircraft accident.....	159	--	--	--	12	36	37	34	24	16
Aircraft accident, unspecified.....	11	--	--	--	--	--	4	--	3	--
During takeoff or landing.....	54	--	--	--	--	8	8	19	10	7
Aircraft accident, n.e.c.....	94	--	--	--	9	26	25	14	11	9
Fires and explosions.....	113	--	--	--	5	20	24	30	20	12
Fire--unintended or uncontrolled.....	53	--	--	--	--	8	11	14	9	10
Fire in residence, building, or other structure.....	30	--	--	--	--	6	8	8	--	5
Forest, brush, or other outdoor fire.....	5	--	--	--	--	--	--	--	--	--
Ignition of clothing from controlled heat source.....	5	--	--	--	--	--	--	--	3	--
Fire, n.e.c.....	13	--	--	--	--	--	--	5	3	--
Explosion.....	60	--	--	--	4	12	13	16	11	--
Explosion of pressure vessel or piping.....	29	--	--	--	--	5	8	7	6	--
Explosion, n.e.c.....	30	--	--	--	--	7	5	9	4	--
Assaults and violent acts.....	837	--	4	12	54	141	202	227	143	53
Assaults and violent acts by person(s).....	542	--	--	9	36	107	142	127	89	30
Assaults and violent acts by person(s),										

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2009 - continued

Event or exposure ¹	Total fatalities (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
unspecified.....	3	--	--	--	--	--	--	--	--	--
Hitting, kicking, beating.....	26	--	--	--	--	3	5	8	5	4
Shooting.....	434	--	--	9	29	93	122	90	69	20
Stabbing.....	49	--	--	--	4	8	12	16	7	--
Assaults and violent acts by person(s), n.e.c.....	29	--	--	--	--	3	3	12	6	3
Self-inflicted injury.....	263	--	--	3	17	30	59	95	46	11
Suicide, attempted suicide.....	263	--	--	3	17	30	59	95	46	11
Assaults by animals.....	30	--	--	--	--	3	--	5	8	12
Assaults by animals, n.e.c.....	30	--	--	--	--	3	--	5	8	12
Other events or exposures.....	8	--	--	--	--	--	3	3	--	--
Nonclassifiable.....	8	--	--	--	--	--	3	3	--	--

¹ Based on the BLS Occupational Injury and Illness Classification Manual.

NOTE: 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 fatality counts exclude illness-related deaths unless precipitated by an injury event. Data for all years are revised and final.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries