

TABLE A-9. Fatal occupational injuries by event or exposure for all fatalities and major private industry¹ sector, All United States, 2009

Event or exposure ²	Total fatalities (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	Education and health services	Leisure and hospitality	Other services
Total.....	4,551	1,827	674	834	319	2,263	1,146	33	108	422	150	231	173
Contact with objects and equipment.....	741	450	204	151	95	263	121	--	8	74	3	23	32
Struck against object or equipment.....	8	--	--	--	--	5	--	--	--	--	--	3	--
Struck against stationary object or equipment.....	6	--	--	--	--	4	--	--	--	--	--	--	--
Struck by object or equipment.....	420	242	116	79	47	163	68	--	4	47	--	15	27
Struck by falling object or equipment.....	272	153	70	55	28	108	45	--	3	32	--	5	21
Struck by flying object.....	41	26	10	4	12	13	6	--	--	5	--	--	--
Struck by dislodged flying object, particle.....	27	19	7	3	9	7	3	--	--	4	--	--	--
Struck by discharged object or substance.....	13	6	3	--	--	6	3	--	--	--	--	--	--
Struck by swinging or slipping object.....	35	19	4	10	5	15	4	--	--	6	--	3	--
Struck by or slammed in swinging door or gate.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by slipping handheld object.....	9	4	--	--	--	4	--	--	--	--	--	--	--
Struck by swinging or slipping object, n.e.c.....	21	14	--	10	--	7	--	--	--	3	--	--	--
Struck by rolling, sliding objects or equipment on floor or ground level.....	60	39	30	8	--	20	13	--	--	--	--	--	3
Struck by object or equipment, n.e.c.....	10	4	--	--	--	6	--	--	--	--	--	4	--
Caught in or compressed by equipment or objects.....	233	143	67	34	42	79	43	--	4	23	--	3	5
Caught in running equipment or machinery.....	114	79	36	11	32	32	19	--	--	10	--	--	--
Compressed or pinched by rolling, sliding, or shifting objects.....	60	33	18	11	4	24	15	--	--	4	--	--	--
Caught in or compressed by equipment or objects, n.e.c.....	57	31	13	12	6	23	9	--	--	9	--	--	3
Caught in or crushed in collapsing materials.....	80	63	20	38	5	16	9	--	--	4	--	--	--
Excavation or trenching cave-in.....	22	20	--	19	--	--	--	--	--	--	--	--	--
Caught in or crushed in collapsing structure.....	22	21	3	16	--	--	--	--	--	--	--	--	--
Caught in or crushed in collapsing materials, n.e.c.....	32	21	15	3	3	10	7	--	--	3	--	--	--
Falls.....	645	361	41	283	37	244	87	8	12	82	17	25	13
Fall, unspecified.....	14	6	--	3	3	6	3	--	--	--	--	--	--
Fall to lower level.....	538	336	34	276	26	180	59	5	9	76	10	12	9
Fall to lower level, unspecified.....	9	5	--	4	--	4	--	--	--	--	--	--	--
Fall down stairs or steps.....	25	--	--	--	--	18	3	--	--	--	6	4	--
Fall from floor, dock, or ground level.....	31	20	--	16	3	10	5	--	--	--	--	--	--
Fall through existing floor opening.....	11	7	--	6	--	3	3	--	--	--	--	--	--
Fall through floor surface.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Fall from loading dock.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Fall from ground level to lower level.....	5	--	--	--	--	3	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatalities and major private industry¹ sector, All United States, 2009 - continued

Event or exposure ²	Total fatalities (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	Education and health services	Leisure and hospitality	Other services
Fall from floor, dock, or ground level, n.e.c.....	6	4	--	4	--	--	--	--	--	--	--	--	--
Fall from ladder.....	127	86	8	74	4	40	15	--	4	15	--	--	--
Fall from roof.....	109	91	--	86	4	18	--	--	--	10	--	--	--
Fall from roof, unspecified.....	14	11	--	11	--	3	--	--	--	3	--	--	--
Fall through existing roof opening.....	8	7	--	7	--	--	--	--	--	--	--	--	--
Fall through roof surface.....	7	7	--	7	--	--	--	--	--	--	--	--	--
Fall through skylight.....	19	16	--	15	--	3	--	--	--	--	--	--	--
Fall from roof edge.....	56	46	--	43	3	10	--	--	--	7	--	--	--
Fall from roof, n.e.c.....	5	4	--	3	--	--	--	--	--	--	--	--	--
Fall from scaffold, staging.....	54	47	--	41	5	7	--	--	--	5	--	--	--
Fall from building girders or other structural steel.....	19	16	--	15	--	--	--	--	--	--	--	--	--
Fall from nonmoving vehicle.....	77	31	6	21	4	39	24	--	--	14	--	--	--
Fall to lower level, n.e.c.....	86	38	15	18	5	41	5	--	--	28	--	3	--
Fall on same level.....	93	19	7	4	8	58	25	3	3	5	7	12	3
Fall to floor, walkway, or other surface.....	79	11	4	--	5	54	21	3	3	5	7	12	3
Fall onto or against objects.....	9	5	--	--	--	3	3	--	--	--	--	--	--
Fall on same level, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Bodily reaction and exertion.....	8	--	--	--	--	4	3	--	--	--	--	--	--
Bodily reaction.....	4	--	--	--	--	3	--	--	--	--	--	--	--
Overexertion.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments.....	404	206	37	132	37	165	51	3	4	58	19	14	16
Contact with electric current.....	170	113	9	89	15	50	18	--	--	24	--	--	5
Contact with electric current, unspecified.....	6	4	--	3	--	--	--	--	--	--	--	--	--
Contact with electric current of machine, tool, appliance, or light fixture.....	34	21	--	18	--	13	6	--	--	--	--	--	4
Contact with wiring, transformers, or other electrical components.....	60	44	--	32	10	14	7	--	--	5	--	--	--
Contact with overhead power lines.....	63	41	4	35	--	19	4	--	--	15	--	--	--
Struck by lightning.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Contact with temperature extremes.....	41	23	6	11	6	12	--	--	--	7	--	--	--
Exposure to environmental heat.....	35	19	5	11	3	10	--	--	--	7	--	--	--
Contact with hot objects or substances.....	5	3	--	--	3	--	--	--	--	--	--	--	--
Exposure to caustic, noxious, or allergenic substances.....	129	41	8	20	13	80	27	3	--	16	18	9	6
Exposure to caustic, noxious, or allergenic substances, unspecified.....	16	3	--	--	--	13	5	--	--	4	--	--	--
Inhalation of substance.....	45	19	--	11	6	23	10	--	--	5	--	--	5
Inhalation in enclosed, restricted, or confined space.....	14	9	--	6	3	5	4	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatalities and major private industry¹ sector, All United States, 2009 - continued

Event or exposure ²	Total fatalities (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	Education and health services	Leisure and hospitality	Other services
Inhalation in open or nonconfined space.....	30	10	--	5	3	17	6	--	--	4	--	--	4
Injections, stings, venomous bites.....	25	7	3	3	--	18	4	--	--	4	8	--	--
Bee, wasp, hornet sting.....	7	5	--	--	--	--	--	--	--	--	--	--	--
Other stings or venomous bites.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Injections, stings, venomous bites, n.e.c.....	14	--	--	--	--	13	3	--	--	--	7	--	--
Ingestion of substance.....	39	11	--	5	4	23	6	--	--	3	6	6	--
Exposure to caustic, noxious, or allergenic substances, n.e.c.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen deficiency, n.e.c.....	62	27	14	10	3	23	4	--	--	11	--	3	4
Drowning, submersion.....	51	25	14	9	--	17	--	--	--	10	--	--	3
Choking on object or substance.....	7	--	--	--	--	4	--	--	--	--	--	--	--
Transportation accidents.....	1,795	626	322	213	91	942	612	15	33	136	60	46	40
Highway accident.....	985	238	102	92	44	628	441	12	13	81	35	20	26
Collision between vehicles, mobile equipment.....	466	97	44	32	21	299	199	6	8	44	20	9	13
Collision between vehicles, mobile equipment, unspecified.....	5	--	--	--	--	3	--	--	--	--	--	--	--
Re-entrant collision.....	10	--	--	--	--	7	5	--	--	--	--	--	--
Moving in same direction.....	117	31	21	6	4	74	59	--	--	10	--	--	--
Moving in opposite directions, oncoming.....	184	35	11	16	8	122	73	3	4	21	8	3	10
Moving in intersection.....	82	19	9	6	4	41	20	3	--	6	7	3	--
Moving and standing vehicle, mobile equipment--in roadway.....	46	5	--	--	--	37	30	--	--	3	--	--	--
Moving and standing vehicle, mobile equipment--side of road.....	15	4	--	--	--	11	9	--	--	--	--	--	--
Collision between vehicles, mobile equipment, n.e.c.....	7	--	--	--	--	4	--	--	--	3	--	--	--
Vehicle struck object in roadway.....	16	--	--	--	--	12	10	--	--	--	--	--	--
Vehicle struck object on side of road.....	255	48	18	20	10	183	147	4	--	18	7	--	3
Noncollision accident.....	240	90	40	37	13	129	83	--	--	18	8	7	9
Jack-knifed or overturned--no collision.....	202	78	33	33	12	108	73	--	--	12	8	5	8
Ran off highway--no collision.....	17	5	4	--	--	9	4	--	--	3	--	--	--
Noncollision accident, n.e.c.....	20	6	3	3	--	12	6	--	--	3	--	--	--
Highway accident, n.e.c.....	7	--	--	--	--	4	--	--	--	--	--	--	--
Nonhighway accident, except rail, air, water.....	261	192	143	38	11	57	23	--	6	15	--	8	4
Collision between vehicles or mobile equipment.....	11	4	--	--	--	7	3	--	--	--	--	--	--
Vehicle, mobile equipment struck stationary object.....	28	16	12	--	3	10	6	--	--	--	--	--	--
Noncollision accident.....	214	166	125	34	7	38	13	--	5	11	--	5	4
Fall from moving vehicle, mobile equipment.....	16	9	4	4	--	7	--	--	--	--	--	--	--
Fell from and struck by vehicle, mobile equipment.....	44	37	26	10	--	5	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatalities and major private industry¹ sector, All United States, 2009 - continued

Event or exposure ²	Total fatalities (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	Education and health services	Leisure and hospitality	Other services
Overturned.....	133	102	84	15	3	24	7	--	4	8	--	3	--
Loss of control.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by shifting load.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Sudden start or stop, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Noncollision accident, n.e.c.....	11	10	5	5	--	--	--	--	--	--	--	--	--
Nonhighway accident, n.e.c.....	7	6	4	--	--	--	--	--	--	--	--	--	--
Pedestrian, nonpassenger struck by vehicle, mobile equipment.....	268	98	22	62	14	125	73	--	10	24	--	7	8
Pedestrian struck by vehicle, mobile equipment in roadway.....	92	37	5	28	4	29	10	--	--	16	--	--	--
Pedestrian struck by vehicle, mobile equipment on side of road.....	53	17	--	15	--	24	16	--	--	--	--	--	3
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area.....	121	44	15	19	10	70	46	--	9	5	--	4	3
Railway accident.....	34	12	3	8	--	17	14	--	--	--	--	--	--
Collision between railway vehicles.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Collision between railway vehicle and other vehicle.....	26	11	3	8	--	11	9	--	--	--	--	--	--
Fell from and struck by railway vehicle.....	3	--	--	--	--	3	3	--	--	--	--	--	--
Water vehicle accident.....	86	51	47	4	--	30	23	--	--	--	--	--	--
Collision.....	10	--	--	--	--	6	4	--	--	--	--	--	--
Fall from ship, boat, n.e.c.....	38	21	18	3	--	16	14	--	--	--	--	--	--
Fall on ship, boat.....	4	--	--	--	--	4	3	--	--	--	--	--	--
Sinking, capsized water vehicle.....	29	24	23	--	--	3	--	--	--	--	--	--	--
Aircraft accident.....	159	35	5	9	21	84	37	--	--	12	23	8	--
Aircraft accident, unspecified.....	11	--	--	--	--	4	--	--	--	--	--	--	--
During takeoff or landing.....	54	15	--	--	14	33	11	--	--	8	7	4	--
Aircraft accident, n.e.c.....	94	19	3	9	7	47	25	--	--	4	15	--	--
Fires and explosions.....	113	59	16	14	29	40	15	--	--	8	--	6	9
Fire--unintended or uncontrolled.....	53	24	10	3	11	16	4	--	--	4	--	--	4
Fire in residence, building, or other structure.....	30	10	--	3	5	10	--	--	--	--	--	--	3
Forest, brush, or other outdoor fire.....	5	3	3	--	--	--	--	--	--	--	--	--	--
Ignition of clothing from controlled heat source.....	5	--	--	--	--	3	--	--	--	--	--	--	--
Fire, n.e.c.....	13	9	4	--	5	--	--	--	--	--	--	--	--
Explosion.....	60	35	6	11	18	24	11	--	--	4	--	--	5
Explosion of pressure vessel or piping.....	29	15	3	5	7	14	10	--	--	--	--	--	--
Explosion, n.e.c.....	30	19	--	6	11	10	--	--	--	--	--	--	3
Assaults and violent acts.....	837	122	52	41	29	600	254	5	50	62	50	116	63
Assaults and violent acts by person(s).....	542	34	9	18	7	428	189	4	33	30	32	99	41
Assaults and violent acts by person(s), unspecified.....	3	--	--	--	--	3	--	--	--	--	--	--	--

See footnotes at end of table.

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Hitting, kicking, beating.....	26	--	--	--	--	22	6	--	5	--	3	4	--
Shooting.....	434	25	6	12	7	339	157	3	24	24	20	78	33
Stabbing.....	49	--	--	--	--	43	16	--	--	--	7	13	3
Assaults and violent acts by person(s), n.e.c.....	29	5	--	4	--	20	9	--	--	3	--	3	--
Self-inflicted injury.....	263	69	24	23	22	161	62	--	17	29	17	13	22
Suicide, attempted suicide.....	263	69	24	23	22	161	62	--	17	29	17	13	22
Assaults by animals.....	30	19	19	--	--	10	--	--	--	3	--	4	--
Assaults by animals, n.e.c.....	30	19	19	--	--	10	--	--	--	3	--	4	--
Other events or exposures.....	8	--	--	--	--	5	3	--	--	--	--	--	--
Nonclassifiable.....	8	--	--	--	--	5	3	--	--	--	--	--	--

¹ Industry data from 2003 to 2008 are classified using the 2002 North American Industry Classification System (NAICS). Industry data after 2008 are classified using the 2007 NAICS.

² Based on the BLS Occupational Injury and Illness Classification Manual.

³ Includes fatalities 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: 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