

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2002

Event or exposure <sup>1</sup>	Total fatalities (number)	Age (percent)								
		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	5,534	0.3	0.5	1.7	7.9	18.5	25.4	22.6	14.2	8.9
<b>Transportation incidents</b>	2,385	0.4	0.6	1.6	7.5	17.3	24.4	21.8	15.7	10.4
Highway incident	1,373	--	0.4	1.8	7.7	17.9	26.3	22.1	15.2	8.2
Highway incident, unspecified	22	--	--	--	--	13.6	50.0	--	--	--
Collision between vehicles, mobile equipment	636	--	--	1.4	7.1	14.2	27.0	22.8	15.6	11.3
Collision between vehicles, mobile equipment, unspecified	46	--	--	6.5	--	21.7	10.9	30.4	17.4	10.9
Re-entrant collision	9	--	--	--	--	--	--	33.3	33.3	--
Moving in same direction	155	--	--	--	5.8	10.3	32.3	25.2	14.8	11.0
Moving in opposite directions, oncoming	202	--	--	1.5	9.4	14.9	33.7	16.3	14.9	9.4
Moving in intersection	146	--	--	2.1	5.5	14.4	22.6	21.9	18.5	14.4
Moving and standing vehicle, mobile equipment--in roadway	46	--	--	--	15.2	19.6	13.0	30.4	10.9	10.9
Moving and standing vehicle, mobile equipment--side of road	19	--	--	--	--	--	31.6	36.8	--	--
Collision between vehicles, mobile equipment, n.e.c.	13	--	--	--	--	--	30.8	23.1	--	--
Vehicle struck stationary object or equipment in roadway	33	--	--	--	--	21.2	12.1	36.4	21.2	--
Vehicle struck stationary object, equipment on side of road	293	--	--	2.4	7.2	21.8	26.3	21.2	16.0	4.8
Noncollision incident	373	--	--	2.1	9.4	21.4	24.9	20.9	14.2	5.9
Noncollision incident, unspecified	5	--	--	--	--	60.0	--	--	--	--
Jack-knifed or overturned--no collision	312	--	--	2.6	10.6	21.2	24.7	21.5	14.1	4.5
Ran off highway--no collision	25	--	--	--	--	20.0	28.0	24.0	--	12.0
Sudden start or stop, n.e.c.	9	--	--	--	--	--	--	--	--	--
Noncollision incident, n.e.c.	21	--	--	--	--	19.0	33.3	14.3	14.3	14.3
Highway incident, n.e.c.	16	--	--	--	18.8	--	25.0	25.0	--	--
Nonhighway incident, except rail, air, water	323	1.9	--	--	7.1	12.7	16.7	20.7	15.8	24.1
Collision between vehicles or mobile equipment	12	--	--	--	--	25.0	--	25.0	--	--
Vehicle, mobile equipment struck stationary object	32	--	--	--	--	15.6	9.4	28.1	9.4	25.0
Noncollision incident	271	1.5	--	--	7.0	12.2	17.7	19.6	17.0	24.0
Noncollision incident, unspecified	4	--	--	--	--	--	--	--	--	--
Fall from moving vehicle, mobile equipment	20	--	--	--	--	20.0	20.0	--	15.0	30.0
Fell from and struck by vehicle, mobile equipment	58	--	--	--	12.1	10.3	22.4	8.6	17.2	25.9
Overturned	164	--	--	--	5.5	11.6	14.0	25.0	18.3	22.6
Loss of control	6	--	--	--	--	--	66.7	--	--	--
Sudden start or stop, n.e.c.	3	--	--	--	--	--	--	--	--	--
Noncollision incident, n.e.c.	16	--	--	--	--	18.8	--	31.3	--	25.0
Nonhighway incident, n.e.c.	7	--	--	--	--	--	--	--	--	42.9
Pedestrian, nonpassenger struck by vehicle, mobile equipment	356	--	1.1	2.5	7.3	17.4	21.3	21.3	17.1	11.0
Pedestrian struck by vehicle, mobile equipment, unspecified	6	--	--	--	--	--	--	50.0	--	--
Pedestrian struck by vehicle, mobile equipment in roadway	126	--	--	--	6.3	12.7	18.3	25.4	18.3	15.1
Pedestrian struck by vehicle, mobile equipment on side of road	60	--	--	--	11.7	23.3	20.0	25.0	11.7	5.0
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	164	--	--	3.0	6.7	19.5	23.8	15.9	18.3	10.4
Railway incident	64	--	--	--	10.9	14.1	23.4	23.4	18.8	7.8
Collision between railway vehicles	3	--	--	--	--	--	--	--	--	--
Collision between railway vehicle and other vehicle	47	--	--	--	10.6	12.8	27.7	19.1	17.0	10.6
Fell from and struck by railway vehicle	5	--	--	--	--	--	--	--	--	--
Railway incident, n.e.c.	5	--	--	--	--	--	--	80.0	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2002 - continued

Event or exposure <sup>1</sup>	Total fatalities (number)	Age (percent)								
		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
Water vehicle incident	71	--	--	--	5.6	18.3	33.8	21.1	8.5	4.2
Collision	8	--	--	--	--	--	--	--	37.5	--
Fall from ship, boat, n.e.c.	27	--	--	--	11.1	14.8	40.7	18.5	--	--
Fall on ship, boat	8	--	--	--	--	--	--	37.5	--	--
Sinking, capsized water vehicle	19	--	--	--	--	26.3	31.6	15.8	--	--
Water vehicle incident, n.e.c.	5	--	--	--	--	--	--	--	--	--
Aircraft incident	194	--	--	--	6.2	21.1	26.3	22.2	18.6	4.6
Aircraft incident, unspecified	24	--	--	--	16.7	25.0	25.0	12.5	12.5	--
During takeoff or landing	51	--	--	--	--	19.6	25.5	21.6	23.5	--
Aircraft incident, n.e.c.	119	--	--	--	5.0	21.0	26.9	24.4	17.6	4.2
<b>Assaults and violent acts</b>	840	0.4	0.4	1.5	6.0	21.8	27.7	24.5	12.7	5.0
Homicides	609	--	0.5	1.6	5.6	24.1	27.4	24.1	12.5	3.9
Homicides, unspecified	9	--	--	--	--	--	33.3	--	--	33.3
Hitting, kicking, beating	34	--	--	--	--	17.6	14.7	23.5	29.4	--
Shooting	469	--	--	1.3	5.3	25.8	29.2	23.7	11.3	2.8
Stabbing	58	--	--	--	8.6	19.0	17.2	29.3	17.2	5.2
Homicides, n.e.c.	38	--	--	--	--	23.7	31.6	23.7	--	--
Self-inflicted injury	199	--	--	1.5	7.5	16.6	30.2	26.1	13.6	4.5
Suicide, attempted suicide	193	--	--	1.6	6.7	17.1	30.1	26.4	13.5	4.7
Self-inflicted injury or fatality--intent unknown	5	--	--	--	--	--	--	--	--	--
Assaults by animals	32	--	--	--	--	9.4	18.8	21.9	12.5	28.1
Assaults by animals, n.e.c.	31	--	--	--	--	9.7	19.4	22.6	12.9	25.8
<b>Contact with objects and equipment</b>	872	--	0.3	1.9	7.8	17.3	22.8	24.0	15.7	9.9
Struck against object	18	--	--	--	22.2	--	--	44.4	--	--
Struck against stationary object	11	--	--	--	--	--	--	54.5	--	--
Struck against object, n.e.c.	3	--	--	--	--	--	--	--	--	--
Struck by object	505	--	--	1.2	6.1	16.4	21.0	25.0	18.0	12.3
Struck by object, unspecified	11	--	--	--	--	36.4	--	--	--	--
Struck by falling object	302	--	--	1.3	6.3	15.6	22.8	26.2	17.5	10.3
Struck by flying object	38	--	--	--	7.9	18.4	26.3	26.3	13.2	--
Struck by dislodged flying object, particle	21	--	--	--	--	23.8	28.6	28.6	14.3	--
Struck by discharged object or substance	12	--	--	--	--	--	--	33.3	--	--
Struck by flying object, n.e.c.	4	--	--	--	--	--	--	--	--	--
Struck by swinging or slipping object	42	--	--	--	9.5	19.0	28.6	26.2	9.5	7.1
Struck by swinging or slipping object, unspecified	4	--	--	--	--	--	--	--	--	--
Struck by or slammed in swinging door or gate	3	--	--	--	--	--	--	--	--	--
Struck by slipping handheld object	8	--	--	--	--	--	--	37.5	--	--
Struck by swinging or slipping object, n.e.c.	27	--	--	--	11.1	14.8	29.6	25.9	11.1	--
Struck by rolling, sliding objects on floor or ground level	93	--	--	--	3.2	12.9	11.8	20.4	25.8	25.8
Struck by object, n.e.c.	19	--	--	--	--	26.3	15.8	26.3	15.8	--
Caught in or compressed by equipment or objects	231	--	--	2.2	8.2	19.0	25.5	21.2	14.3	8.2
Caught in or compressed by equipment or objects, unspecified	4	--	--	--	--	--	--	--	--	--
Caught in running equipment or machinery	110	--	--	--	8.2	20.9	22.7	20.9	11.8	10.9
Compressed or pinched by rolling, sliding, or shifting objects	50	--	--	--	8.0	16.0	32.0	16.0	18.0	6.0
Caught in or compressed by equipment or objects, n.e.c.	67	--	--	--	7.5	19.4	26.9	23.9	14.9	6.0
Caught in or crushed in collapsing materials	116	--	--	2.6	12.1	19.8	27.6	22.4	9.5	4.3
Excavation or trenching cave-in	34	--	--	--	17.6	20.6	29.4	20.6	--	--
Other cave-in	7	--	--	--	--	--	--	42.9	--	--
Caught in or crushed in collapsing structure	52	--	--	--	13.5	19.2	26.9	21.2	9.6	5.8

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2002 - continued

Event or exposure <sup>1</sup>	Total fatalities (number)	Age (percent)								
		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
Caught in or crushed in collapsing materials, n.e.c.	22	--	--	--	--	18.2	31.8	22.7	--	--
<b>Falls</b>	719	--	--	1.0	7.1	16.4	22.9	23.2	16.6	12.5
Fall, unspecified	11	--	--	--	--	--	--	27.3	--	45.5
Fall to lower level	638	--	--	1.1	8.0	17.6	24.1	22.9	16.5	9.6
Fall to lower level, unspecified	10	--	--	--	--	--	--	40.0	--	30.0
Fall down stairs or steps	11	--	--	--	--	--	--	27.3	--	45.5
Fall from floor, dock, or ground level	38	--	--	--	18.4	21.1	23.7	18.4	10.5	--
Fall through existing floor opening	24	--	--	--	20.8	20.8	29.2	--	12.5	--
Fall from loading dock	3	--	--	--	--	--	--	100.0	--	--
Fall from ground level to lower level	4	--	--	--	--	--	--	--	--	--
Fall from floor, dock, or ground level, n.e.c.	6	--	--	--	--	--	--	--	--	--
Fall from ladder	126	--	--	--	2.4	15.9	23.8	21.4	18.3	17.5
Fall from roof	143	--	--	--	10.5	25.9	25.9	19.6	9.8	7.0
Fall from roof, unspecified	29	--	--	--	10.3	17.2	20.7	24.1	10.3	13.8
Fall through existing roof opening	11	--	--	--	--	--	54.5	27.3	--	--
Fall through roof surface	11	--	--	--	--	27.3	--	--	--	--
Fall through skylight	20	--	--	--	20.0	20.0	30.0	15.0	--	--
Fall from roof edge	62	--	--	--	6.5	30.6	25.8	21.0	9.7	6.5
Fall from roof, n.e.c.	10	--	--	--	30.0	40.0	--	--	--	--
Fall from scaffold, staging	88	--	--	--	8.0	18.2	23.9	29.5	15.9	3.4
Fall from building girders or other structural steel	41	--	--	--	14.6	26.8	29.3	22.0	--	--
Fall from nonmoving vehicle	60	--	--	--	8.3	8.3	13.3	26.7	28.3	15.0
Fall to lower level, n.e.c.	119	--	--	2.5	6.7	11.8	27.7	21.8	24.4	5.0
Fall on same level	64	--	--	--	--	6.3	12.5	26.6	20.3	34.4
Fall to floor, walkway, or other surface	53	--	--	--	--	7.5	9.4	24.5	20.8	37.7
Fall onto or against objects	9	--	--	--	--	--	33.3	44.4	--	--
Fall, n.e.c.	4	--	--	--	--	--	--	--	--	--
<b>Exposure to harmful substances or environments</b>	539	--	0.6	2.8	13.0	23.2	31.7	20.0	5.6	3.2
Contact with electric current	289	--	1.0	3.8	13.1	25.3	32.5	17.6	5.2	1.4
Contact with electric current, unspecified	7	--	--	--	--	--	57.1	--	--	--
Contact with electric current of machine, tool, appliance, or light fixture	42	--	--	--	--	23.8	38.1	21.4	9.5	--
Contact with wiring, transformers, or other electrical components	90	--	--	--	14.4	24.4	31.1	20.0	4.4	--
Contact with overhead power lines	122	--	--	6.6	17.2	27.9	33.6	12.3	--	--
Contact with underground, buried power lines	4	--	--	--	--	--	--	--	--	--
Struck by lightning	16	--	--	--	--	25.0	18.8	25.0	--	--
Contact with electric current, n.e.c.	8	--	--	--	--	--	--	--	37.5	--
Contact with temperature extremes	60	--	--	--	5.0	21.7	30.0	23.3	11.7	6.7
Exposure to environmental heat	40	--	--	--	7.5	22.5	30.0	27.5	10.0	--
Exposure to environmental cold	5	--	--	--	--	--	--	--	--	--
Contact with hot objects or substances	14	--	--	--	--	28.6	35.7	--	--	--
Exposure to caustic, noxious, or allergenic substances	99	--	--	--	13.1	21.2	32.3	26.3	4.0	3.0
Exposure to caustic, noxious, or allergenic substances, unspecified	9	--	--	--	--	33.3	--	33.3	--	--
Inhalation of substance	49	--	--	--	18.4	24.5	26.5	24.5	--	--
Inhalation of substance, unspecified	6	--	--	--	50.0	--	--	--	--	--
Inhalation in enclosed, restricted, or confined space	20	--	--	--	--	35.0	25.0	20.0	--	--
Inhalation in open or nonconfined space	23	--	--	--	17.4	17.4	34.8	26.1	--	--
Injections, stings, venomous bites	10	--	--	--	--	--	40.0	30.0	--	--
Bee, wasp, hornet sting	6	--	--	--	--	--	50.0	--	--	--

See footnotes at end of table.

TABLE A-8. Fatal occupational injuries by event or exposure and age, All United States, 2002 - continued

Event or exposure <sup>1</sup>	Total fatalities (number)	Age (percent)								
		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
Ingestion of substance	23	--	--	--	--	17.4	47.8	26.1	--	--
Exposure to caustic, noxious, or allergenic substances, n.e.c.	7	--	--	--	--	--	57.1	--	--	--
Oxygen deficiency, n.e.c.	90	--	--	3.3	16.7	20.0	30.0	18.9	4.4	6.7
Drowning, submersion	60	--	--	--	20.0	21.7	26.7	20.0	5.0	--
Choking on object or substance	15	--	--	--	--	--	33.3	26.7	--	20.0
Depletion of oxygen in other enclosed, restricted, or confined space	10	--	--	--	--	30.0	30.0	--	--	--
Other oxygen deficiency, n.e.c.	5	--	--	--	--	--	60.0	--	--	--
<b>Fires and explosions</b>	165	--	--	--	11.5	17.6	31.5	22.4	9.7	5.5
Fire--unintended or uncontrolled	88	--	--	--	10.2	18.2	29.5	22.7	9.1	8.0
Fire in residence, building, or other structure	48	--	--	--	14.6	14.6	33.3	25.0	8.3	--
Forest, brush, or other outdoor fire	9	--	--	--	--	--	--	--	--	44.4
Fire, n.e.c.	28	--	--	--	--	25.0	28.6	17.9	14.3	--
Explosion	77	--	--	--	13.0	16.9	33.8	22.1	10.4	--
Explosion of pressure vessel or piping	33	--	--	--	9.1	15.2	24.2	36.4	12.1	--
Explosion, n.e.c.	42	--	--	--	16.7	19.0	38.1	11.9	9.5	--

<sup>1</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication

criteria.

n.e.c. means "not elsewhere classified."

All Data 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