

TABLE A-7. Fatal occupational injuries by event or exposure and age, 1998

Event or exposure ¹	Total fatalities (number)	Age (percent)					
		Under 15 years	15-24 years	25-44 years	45-64 years	65-74 years	75 years and over
Total	6,026	0.4	9.9	45.7	34.9	6.1	2.8
Transportation incidents	2,630	.7	10.0	42.5	36.5	6.9	3.2
Highway	1,431	.2	10.7	44.2	36.3	6.1	2.4
Collision between vehicles, mobile equipment	701	—	11.0	43.5	35.5	6.4	3.3
Re-entrant collision	14	—	—	57.1	28.6	—	—
Moving in same direction	118	—	8.5	44.1	39.8	5.1	2.5
Moving in opposite directions, oncoming	271	—	12.5	43.2	35.4	5.5	3.3
Moving in intersection	142	—	14.1	38.7	32.4	7.7	5.6
Moving and standing vehicle, mobile equipment-in roadway	39	—	—	56.4	35.9	—	—
Moving and standing vehicle, mobile equipment-side of road	14	—	—	35.7	50.0	—	—
Vehicle struck stationary object or equipment in roadway	18	—	—	33.3	55.6	—	—
Vehicle struck stationary object or equipment on side of road	288	—	6.9	42.7	41.7	7.3	1.4
Noncollision	373	.8	13.9	45.8	33.0	4.8	1.6
Jack-knifed or overturned--no collision	300	1.0	13.3	46.7	32.3	5.0	1.7
Ran off highway--no collision	32	—	9.4	43.8	37.5	—	—
Struck by shifting load	9	—	33.3	66.7	—	—	—
Sudden start or stop, n.e.c.	4	—	—	—	75.0	—	—
Nonhighway (farm, industrial premises)	384	2.6	10.9	27.9	32.8	16.7	9.1
Collision between vehicles or mobile equipment	9	—	—	66.7	—	—	—
Vehicle, mobile equipment struck stationary object	29	—	—	44.8	37.9	10.3	—
Noncollision accident	329	2.7	12.5	25.2	31.9	18.2	9.4
Fall from moving vehicle, mobile equipment	18	—	—	50.0	33.3	—	—
Fell from and struck by vehicle, mobile equipment	70	10.0	10.0	28.6	25.7	18.6	7.1
Overturned	216	—	13.4	22.7	31.9	19.9	11.6
Aircraft	223	—	8.5	48.9	39.9	—	1.3
Worker struck by vehicle, mobile equipment	413	1.0	8.2	41.6	40.2	6.3	2.4
Worker struck by vehicle, mobile equipment in roadway	131	—	9.2	38.9	45.0	5.3	—
Worker struck by vehicle, mobile equipment on side of road	66	—	7.6	56.1	34.8	—	—
Worker struck by vehicle, mobile equipment in parking lot or non-road area	199	1.5	7.5	40.2	38.7	7.5	4.5
Water vehicle	112	—	12.5	54.5	29.5	—	—
Collision	9	—	—	55.6	33.3	—	—
Fall from ship or boat, n.e.c.	49	—	14.3	59.2	22.4	—	—
Fall on ship, boat	6	—	—	—	50.0	—	—
Sinking, capsized water vehicle	37	—	13.5	56.8	27.0	—	—
Railway	60	—	—	56.7	35.0	5.0	—
Collision between railway vehicle and other vehicle	48	—	—	60.4	33.3	—	—
Fell from and struck by railway vehicle ...	5	—	—	60.0	—	—	—
Assaults and violent acts	960	.4	8.2	50.7	32.9	5.5	2.1
Homicides	709	.4	8.2	53.2	30.7	5.5	1.8
Hitting, kicking, beating	48	—	—	27.1	39.6	22.9	—
Shooting	569	—	8.8	55.7	29.7	4.0	1.2
Stabbing	61	—	8.2	55.7	27.9	4.9	—
Assaults and violent acts by person(s), n.e.c.	24	—	—	41.7	41.7	—	—
Self-inflicted injury	223	—	8.1	44.4	41.3	5.8	—
Assaults by animals	24	—	—	37.5	20.8	—	25.0
Contact with objects and equipment	941	—	9.8	43.4	36.6	6.7	3.4
Struck by object	517	—	9.7	39.8	39.3	7.4	3.7

See footnotes at end of table.

TABLE A-7. **Fatal occupational injuries by event or exposure and age, 1998** — Continued

Event or exposure ¹	Total fatalities (number)	Age (percent)					
		Under 15 years	15-24 years	25-44 years	45-64 years	65-74 years	75 years and over
Struck by falling object	317	—	10.4	37.9	41.3	6.9	3.2
Struck by flying object	58	—	13.8	43.1	39.7	—	—
Struck by discharged object or substance	19	—	21.1	47.4	31.6	—	—
Struck by swinging or slipping object	30	—	13.3	46.7	36.7	—	—
Struck by rolling, sliding objects on floor or ground level	75	—	—	37.3	37.3	12.0	10.7
Caught in or compressed by equipment or objects	266	—	8.3	44.7	36.8	6.8	3.0
Caught in running equipment or machinery	129	—	10.1	51.2	28.7	6.2	3.9
Compressed or pinched by rolling, sliding, or shifting objects	62	—	8.1	37.1	41.9	9.7	—
Caught in or crushed in collapsing materials	140	—	13.6	53.6	25.7	4.3	2.9
Excavation or trenching cave-in	46	—	13.0	67.4	19.6	—	—
Other cave-in	15	—	—	66.7	33.3	—	—
Caught in or crushed in collapsing structure	42	—	19.0	50.0	19.0	9.5	—
Falls	702	—	9.1	41.2	38.7	7.0	3.7
Fall to lower level	623	—	9.8	43.7	38.4	5.9	2.1
Fall down stairs or steps	12	—	—	25.0	33.3	25.0	—
Fall from floor, dock, or ground level	33	—	9.1	39.4	51.5	—	—
Fall through existing floor opening	21	—	—	47.6	42.9	—	—
Fall from ladder	111	—	4.5	30.6	53.2	9.0	2.7
Fall from roof	156	—	11.5	52.6	33.3	2.6	—
Fall through existing roof opening	12	—	—	50.0	33.3	—	—
Fall through roof surface	20	—	—	50.0	45.0	—	—
Fall through skylight	22	—	18.2	50.0	31.8	—	—
Fall from roof edge	47	—	12.8	46.8	38.3	—	—
Fall from scaffold, staging	97	—	10.3	45.4	39.2	5.2	—
Fall from building girders or other structural steel	45	—	15.6	60.0	17.8	6.7	—
Fall from nonmoving vehicle	48	—	8.3	29.2	41.7	12.5	8.3
Fall to lower level, n.e.c.	105	—	13.3	45.7	33.3	4.8	—
Fall on same level	51	—	—	19.6	41.2	11.8	23.5
Fall to floor, walkway, or other surface ..	34	—	—	17.6	44.1	8.8	26.5
Fall onto or against objects	8	—	—	37.5	—	—	—
Exposure to harmful substances or environments	572	—	12.2	57.3	27.1	2.1	.7
Contact with electric current	334	—	15.3	59.0	23.4	1.8	—
Contact with electric current of machine, tool, appliance, light fixture	51	—	21.6	51.0	25.5	—	—
Contact with wiring, transformers, or other electrical component	84	—	11.9	56.0	31.0	—	—
Contact with overhead power lines	153	—	15.0	64.1	18.3	2.0	—
Contact with underground, buried power lines	9	—	—	77.8	—	—	—
Struck by lightning	21	—	33.3	42.9	19.0	—	—
Contact with temperature extremes	46	—	—	50.0	37.0	6.5	—
Exposure to environmental heat	34	—	—	55.9	29.4	—	—
Contact with hot objects or substances ..	10	—	—	30.0	70.0	—	—
Exposure to caustic, noxious, or allergenic substances	104	—	5.8	61.5	30.8	—	—
Inhalation of substance	48	—	8.3	62.5	29.2	—	—
Inhalation in enclosed, restricted, or confined space ²	27	—	14.8	51.9	33.3	—	—
Inhalation in open or nonconfined space	14	—	—	78.6	21.4	—	—
Contact with skin or other exposed tissue	4	—	—	—	75.0	—	—
Injections, stings, venomous bites	11	—	—	45.5	36.4	—	—
Bee, wasp, hornet sting	6	—	—	50.0	50.0	—	—
Ingestion of substance	20	—	—	55.0	35.0	—	—
Oxygen deficiency	87	—	13.8	49.4	32.2	—	—
Drowning, submersion	75	—	13.3	52.0	29.3	—	—

See footnotes at end of table.

TABLE A-7. **Fatal occupational injuries by event or exposure and age, 1998** — Continued

Event or exposure ¹	Total fatalities (number)	Age (percent)					
		Under 15 years	15-24 years	25-44 years	45-64 years	65-74 years	75 years and over
Depletion of oxygen in other enclosed, restricted, or confined space ²	7	—	—	—	71.4	—	—
Fires and explosions	205	—	12.2	57.1	25.4	3.4	1.5
Fires--unintended or uncontrolled	116	—	15.5	54.3	24.1	3.4	—
Fire in residence, building, or other structure	69	—	18.8	55.1	17.4	5.8	—
Forest, brush, or other outdoor fire	14	—	21.4	57.1	—	—	—
Explosion	89	—	7.9	60.7	27.0	3.4	—
Explosion, unspecified	4	—	—	75.0	—	—	—
Explosion of pressure vessel or piping ...	39	—	—	69.2	20.5	—	—
Other events or exposures ³	16	—	—	50.0	50.0	—	—

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

² Includes fatalities that are not considered to be permit required confined spaces as defined by the Occupational Safety and Health Administration in its regulation of these structures.

³ Includes the category "Bodily reaction and exertion."

NOTE: Totals for major categories may include subcat-

egories 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."

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