

Table 4. Fatal occupational injuries by event or exposure and major private industry, 1996

Event or exposure ¹	Total fatalities (number)	Private industry ² (percent)								
		Agriculture, forestry and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Total	6,112	13.1	2.5	17.0	11.7	15.5	4.4	11.0	1.9	12.5
Transportation incidents	2,556	14.6	2.0	10.3	8.3	26.2	5.4	5.5	1.4	12.4
Highway	1,324	5.9	1.8	10.0	7.9	30.8	7.1	7.5	2.0	14.6
Collision between vehicles, mobile equipment	656	6.4	1.8	8.1	8.1	23.8	7.2	9.9	2.6	17.7
Re-entrant collision	19	—	—	—	15.8	—	—	—	—	21.1
Moving in same direction	95	10.5	—	7.4	7.4	44.2	—	8.4	—	10.5
Moving in opposite directions, oncoming	214	2.3	3.7	5.1	9.3	24.8	10.3	9.8	—	19.6
Moving in intersection	153	9.8	—	13.7	9.2	11.1	5.9	8.5	3.9	20.3
Moving and standing vehicle, mobile equipment-in roadway	35	—	—	—	—	22.9	11.4	—	—	22.9
Moving and standing vehicle, mobile equipment-side of road	17	—	—	—	—	29.4	—	—	—	—
Vehicle struck stationary object or equipment in roadway	29	—	—	—	13.8	27.6	10.3	—	—	13.8
Vehicle struck stationary object or equipment on side of road	211	2.4	2.4	8.1	7.6	43.6	5.2	4.7	1.9	13.7
Noncollision	348	8.0	2.0	15.2	8.0	34.8	7.8	5.2	—	8.9
Jack-knifed or overturned--no collision	264	8.0	2.3	13.3	6.4	35.6	8.3	6.4	—	9.1
Ran off highway--no collision	41	—	—	12.2	17.1	39.0	7.3	—	—	—
Struck by shifting load	3	—	—	—	—	—	—	—	—	—
Sudden start or stop, n.e.c.	12	—	—	41.7	—	—	—	—	—	—
Nonhighway (farm, industrial premises)	369	51.5	3.5	12.2	9.5	3.8	3.3	3.8	—	7.3
Collision between vehicles or mobile equipment	10	—	—	—	50.0	—	—	—	—	—
Vehicle, mobile equipment struck stationary object	36	19.4	—	—	—	11.1	—	13.9	—	36.1
Noncollision accident	313	57.2	3.2	13.4	8.6	3.2	3.2	2.2	—	3.8
Fall from moving vehicle, mobile equipment	20	40.0	—	—	25.0	—	—	—	—	15.0
Fell from and struck by vehicle, mobile equipment	59	61.0	—	16.9	8.5	—	—	—	—	—
Overturned	204	57.4	3.9	12.3	8.3	4.4	2.9	2.0	—	2.5
Loss of control	6	66.7	—	—	—	—	—	—	—	—
Aircraft	320	5.0	0.9	—	8.4	35.6	2.2	2.2	2.5	13.8
Worker struck by vehicle, mobile equipment	349	7.7	1.1	21.2	8.3	19.8	5.4	5.4	—	11.5
Worker struck by vehicle, mobile equipment in roadway	124	3.2	—	33.1	3.2	16.1	4.0	2.4	—	11.3
Worker struck by vehicle, mobile equipment on side of road	51	—	—	17.6	—	23.5	—	7.8	—	15.7
Worker struck by vehicle, mobile equipment in parking lot or non-road area	160	13.1	1.9	12.5	13.8	21.2	7.5	7.5	—	10.6
Water vehicle	107	51.4	—	2.8	3.7	30.8	—	—	—	5.6
Collision	4	—	—	—	—	75.0	—	—	—	—
Explosion, fire, n.e.c.	9	44.4	—	—	—	55.6	—	—	—	—
Fall from ship or boat, n.e.c.	33	48.5	—	9.1	—	33.3	—	—	—	—
Fall on ship, boat	7	—	—	—	—	71.4	—	—	—	—
Sinking, capsized water vehicle	40	67.5	—	—	7.5	7.5	—	—	—	15.0
Railway	75	8.0	5.3	4.0	16.0	36.0	5.3	—	—	6.7
Collision between railway vehicles	10	—	—	—	—	50.0	—	—	—	—
Collision between railway vehicle and other vehicle	52	11.5	—	5.8	17.3	26.9	7.7	—	—	9.6
Collision between railway vehicle and other object	4	—	—	—	—	—	—	—	—	—
Derailment	4	—	—	—	—	100.0	—	—	—	—
Assaults and violent acts	1,144	6.1	—	1.9	5.6	7.5	3.1	39.9	4.5	19.6
Homicides	912	2.0	—	1.3	4.3	8.2	2.6	47.0	4.4	18.2
Hitting, kicking, beating	47	—	—	—	12.8	6.4	6.4	40.4	—	25.5
Shooting	751	2.1	—	1.2	4.1	9.2	2.4	47.0	3.6	17.0
Stabbing	79	—	—	—	—	—	3.8	57.0	3.8	22.8
Assaults and violent acts by person(s), n.e.c.	28	—	—	—	—	—	—	39.3	28.6	10.7

See footnotes at end of table.

Table 4. Fatal occupational injuries by event or exposure and major private industry, 1996 — Continued

Event or exposure ¹	Total fatalities (number)	Private industry ² (percent)								
		Agriculture, forestry and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Self-inflicted injury	199	13.1	—	4.5	12.1	5.5	5.5	13.6	5.5	27.1
Assaults by animals	31	83.9	—	—	—	—	—	—	—	9.7
Contact with objects and equipment	1,005	18.9	6.2	21.5	27.7	7.4	4.3	2.9	0.4	6.2
Struck by object	579	17.6	4.7	19.0	32.1	8.3	4.0	2.9	0.7	5.4
Struck by falling object	402	17.9	3.2	19.4	35.8	6.7	4.0	2.5	0.7	5.0
Struck by flying object	58	13.8	8.6	13.8	31.0	5.2	—	8.6	—	6.9
Struck by discharged object or substance	24	16.7	—	—	16.7	—	—	12.5	—	12.5
Struck by swinging or slipping object	36	13.9	11.1	25.0	22.2	8.3	—	—	—	—
Struck by rolling, sliding objects on floor or ground level	54	25.9	5.6	14.8	14.8	18.5	7.4	—	—	9.3
Caught in or compressed by equipment or objects	283	25.1	6.7	13.1	27.9	7.4	4.9	2.8	—	8.1
Caught in running equipment or machinery	146	32.2	6.8	7.5	35.6	4.1	6.8	—	—	4.1
Compressed or pinched by rolling, sliding, or shifting objects	67	20.9	9.0	11.9	13.4	10.4	4.5	6.0	—	13.4
Caught in or crushed in collapsing materials	130	12.3	10.8	53.1	8.5	—	3.8	2.3	—	4.6
Excavation or trenching cave-in	55	—	—	81.8	—	—	—	—	—	—
Other cave-in	13	—	92.3	—	—	—	—	—	—	—
Landslide	3	—	—	—	—	—	—	—	—	100.0
Caught in or crushed in collapsing structure	34	—	—	64.7	11.8	—	—	—	—	—
Falls	684	10.8	1.3	49.3	7.7	5.3	3.9	2.8	1.9	11.3
Fall to lower level	607	10.9	1.2	54.4	7.7	4.8	4.0	1.6	1.6	9.6
Fall down stairs or steps	15	—	—	—	—	—	—	—	—	60.0
Fall from floor, dock, or ground level	27	—	—	48.1	—	—	—	—	—	11.1
Fall from ladder	95	10.5	—	50.5	6.3	5.3	—	5.3	3.2	12.6
Fall from piled or stacked material	4	—	—	—	—	—	—	—	—	—
Fall from roof	148	3.4	—	82.4	4.1	—	—	—	2.7	2.7
Fall from scaffold, staging	88	—	—	75.0	5.7	—	—	—	—	9.1
Fall from building girders or other structural steel	38	—	7.9	78.9	—	—	—	—	—	—
Fall from nonmoving vehicle	55	14.5	—	18.2	25.5	20.0	14.5	—	—	—
Jump to lower level	12	—	—	—	—	—	—	—	—	50.0
Fall on same level	49	6.1	—	12.2	10.2	6.1	—	14.3	—	20.4
Exposure to harmful substances or environments	523	14.9	2.1	32.3	10.7	13.0	2.7	3.1	1.5	12.0
Contact with electric current	279	12.5	1.4	45.2	9.0	14.0	1.1	2.5	—	7.9
Contact with electric current of machine, tool, appliance, light fixture	45	11.1	—	28.9	20.0	—	—	—	—	24.4
Contact with wiring, transformers, or other electrical component	69	—	—	53.6	14.5	18.8	—	—	—	4.3
Contact with overhead power lines	116	13.8	—	50.0	2.6	16.4	—	2.6	—	3.4
Contact with underground, buried power lines	5	—	—	—	—	—	—	—	—	—
Struck by lightning	18	33.3	—	27.8	—	—	—	—	—	—
Contact with temperature extremes	32	12.5	—	34.4	15.6	12.5	—	—	—	9.4
Exposure to environmental heat	18	16.7	—	44.4	—	—	—	—	—	—
Contact with hot objects or substances ..	12	—	—	25.0	33.3	—	—	—	—	—
Exposure to caustic, noxious, or allergenic substances	119	13.4	5.0	10.9	13.4	14.3	7.6	5.9	3.4	19.3
Inhalation of substance	75	16.0	8.0	14.7	13.3	13.3	10.7	—	4.0	14.7
Inhalation in open or nonconfined space	12	—	—	—	25.0	—	—	—	—	25.0
Contact with skin or other exposed tissue	5	—	—	—	60.0	—	—	—	—	—
Injections, stings, venomous bites	14	21.4	—	—	—	—	—	—	—	35.7
Needle sticks	3	—	—	—	—	—	—	—	—	100.0
Bee, wasp, hornet sting	5	60.0	—	—	—	—	—	—	—	—
Ingestion of substance	19	—	—	—	—	26.3	—	26.3	—	26.3
Oxygen deficiency	92	23.9	—	20.7	10.9	8.7	—	—	—	16.3
Drowning, submersion	67	26.9	—	25.4	4.5	10.4	—	—	—	16.4
Depletion of oxygen in other enclosed, restricted, or confined space	12	—	—	—	41.7	—	—	—	—	—

See footnotes at end of table.

Table 4. Fatal occupational injuries by event or exposure and major private industry, 1996 — Continued

Event or exposure ¹	Total fatalities (number)	Private industry ² (percent)								
		Agriculture, forestry and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Fires and explosions	184	7.6	9.2	15.8	26.1	7.1	4.9	6.0	—	12.5
Fires--unintended or uncontrolled	97	12.4	8.2	12.4	24.7	6.2	3.1	8.2	—	11.3
Fires, unspecified	5	—	—	—	—	—	—	—	—	—
Fire in residence, building, or other structure	64	4.7	7.8	10.9	28.1	—	—	9.4	—	14.1
Forest, brush, or other outdoor fire	9	66.7	—	—	—	—	—	—	—	—
Explosion	85	—	10.6	20.0	28.2	5.9	7.1	3.5	—	14.1
Explosion, unspecified	4	—	—	—	—	—	—	—	—	—
Explosion of pressure vessel or piping ...	45	—	13.3	15.6	33.3	6.7	6.7	—	—	13.3
Other events or exposures ³	16	—	—	18.8	31.2	—	—	—	—	—

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

² *Standard Industrial Classification Manual*, 1987 Edition.

³ Includes the category "Bodily reaction and exertion."

separately. Percentages may not add to totals because of rounding.

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

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1996.

NOTE: Totals for major categories may include subcategories not shown