

TABLE A-9. Fatal occupational injuries by detailed event or exposure, 1996-2004

Event or exposure ¹	1996 (number)	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002 (number)	2003 (number)	2004	
									Number	Percent
Total	6,202	6,238	6,055	6,054	5,920	5,915	5,534	5,575	5,764	100.0
Transportation incident	2,601	2,605	2,645	2,618	2,573	2,524	2,385	2,364	2,490	43.2
Highway	1,346	1,393	1,442	1,496	1,365	1,409	1,373	1,353	1,398	24.3
Collision between vehicles, mobile equipment	667	640	707	714	696	727	636	648	702	12.2
Re-entrant collision	19	8	14	29	16	14	9	6	14	.2
Moving in same direction	96	103	120	129	136	142	155	135	147	2.6
Moving in opposite directions, oncoming	220	230	272	270	243	257	202	269	276	4.8
Moving in intersection	153	142	143	161	154	138	146	124	145	2.5
Moving and standing vehicle, mobile equipment--in roadway	35	24	39	39	50	43	46	37	48	.8
Moving and standing vehicle, mobile equipment--side of road	16	21	14	19	21	29	19	26	26	.5
Vehicle struck stationary object or equipment in roadway	29	22	18	33	24	29	33	17	27	.5
Noncollision	352	387	375	390	356	339	373	321	323	5.6
Jack-knifed or overturned--no collision	266	298	302	322	304	273	312	252	262	4.5
Ran off highway--no collision	43	49	32	41	30	35	25	35	19	.3
Struck by shifting load	3	3	9	-	-	5	-	-	4	.1
Sudden start or stop, n.e.c.	12	4	4	8	5	5	9	3	6	.1
Nonhighway (farm, industrial premises)	374	377	388	352	399	326	323	347	338	5.9
Collision between vehicles or mobile equipment	11	15	9	13	15	10	12	11	14	.2
Vehicle, mobile equipment struck stationary object	37	24	30	29	50	35	32	39	40	.7
Noncollision accident	316	328	332	305	326	272	271	289	274	4.8
Fall from moving vehicle, mobile equipment	20	17	19	21	23	36	20	18	16	.3
Fell from and struck by vehicle, mobile equipment	59	71	70	58	72	57	58	54	59	1.0
Overtuned	206	216	217	206	213	158	164	186	184	3.2
Loss of control	6	4	4	-	-	8	6	-	-	-
Struck by shifting load	-	5	3	5	-	3	-	-	-	-
Sudden start or stop, n.e.c.	-	-	-	-	-	-	3	4	-	-
Aircraft	324	261	224	228	280	247	194	211	231	4.0
Worker struck by vehicle, mobile equipment	353	367	413	377	370	383	356	337	378	6.6
Worker struck by vehicle, mobile equipment in roadway	125	129	131	137	122	157	126	122	133	2.3
Worker struck by vehicle, mobile equipment on side of road	51	56	66	65	70	50	60	68	63	1.1
Worker struck by vehicle, mobile equipment in parking lot or non-road area	162	160	199	165	169	169	164	145	176	3.1
Water vehicle	119	109	112	102	84	90	71	69	91	1.6
Collision	4	8	9	5	-	12	8	-	8	.1
Explosion, fire, n.e.c.	9	4	-	-	-	4	-	9	21	.4
Fall from ship, boat, n.e.c.	43	37	49	32	38	25	27	25	32	.6
Fall on ship, boat	7	7	6	8	4	3	8	-	-	-
Sinking, capsized water vehicle	40	37	37	42	25	39	19	20	22	.4
Railway	74	93	60	56	71	62	64	43	50	.9
Collision between railway vehicles	10	7	-	8	6	6	3	-	6	.1
Collision between railway vehicle and other vehicle	52	72	48	42	54	52	47	35	35	.6
Fell from and struck by railway vehicle	-	6	5	-	3	-	5	3	3	.1
Assaults and violent acts	1,165	1,111	962	909	930	908	840	902	809	14.0
Homicides	927	860	714	651	677	643	609	632	559	9.7
Hitting, kicking, beating	50	48	48	48	37	36	34	50	32	.6
Shooting	761	708	574	509	533	509	469	487	421	7.3
Stabbing	80	73	61	62	66	58	58	58	68	1.2
Assaults and violent acts by person(s), n.e.c.	29	26	24	26	38	38	38	34	36	.6
Self-inflicted injury	204	216	221	218	221	230	199	218	206	3.6
Assaults by animals	32	33	24	39	31	35	32	48	40	.7
Contact with objects and equipment	1,010	1,035	944	1,030	1,006	962	872	913	1,009	17.5
Struck by object	582	579	520	585	571	553	505	531	602	10.4
Struck by falling object	403	384	319	358	357	343	302	324	373	6.5

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by detailed event or exposure, 1996-2004 — Continued

Event or exposure ¹	1996 (number)	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002 (number)	2003 (number)	2004	
									Number	Percent
Struck by flying object	58	54	59	55	61	60	38	57	42	0.7
Struck by discharged object or substance	24	22	19	19	13	24	12	22	8	.1
Struck by swinging or slipping object	36	43	30	39	31	39	42	43	44	.8
Struck by rolling, sliding objects on floor or ground level	55	68	75	97	92	72	93	76	110	1.9
Caught in or compressed by equipment or objects	285	320	266	302	294	266	231	238	269	4.7
Caught in running equipment or machinery	146	189	129	163	157	144	110	123	141	2.4
Compressed or pinched by rolling, sliding, or shifting objects	66	55	62	51	46	59	50	45	67	1.2
Caught in or crushed in collapsing materials ...	131	118	140	129	123	122	116	126	117	2.0
Excavation or trenching cave-in	55	35	46	44	40	36	34	48	41	.7
Other cave-in	13	9	15	18	6	10	7	-	-	-
Caught in or crushed in collapsing structure	35	38	42	28	45	44	52	44	39	.7
Falls	691	716	706	721	734	810	719	696	822	14.3
Fall to lower level	610	653	625	634	659	700	638	604	738	12.8
Fall down stairs or steps	15	13	12	23	22	24	11	18	27	.5
Fall from floor, dock, or ground level	27	40	32	43	46	43	38	41	41	.7
Fall from ladder	97	116	111	96	110	123	126	114	135	2.3
Fall from piled or stacked material	4	5	3	4	-	5	-	-	6	.1
Fall from roof	149	154	157	153	150	159	143	128	180	3.1
Fall from scaffold, staging	88	87	98	92	85	91	88	85	90	1.6
Fall from building girders or other structural steel	38	48	44	49	44	41	41	29	25	.4
Fall from nonmoving vehicle	55	53	48	47	61	58	60	69	84	1.5
Jump to lower level	13	4	-	3	3	5	-	5	-	-
Fall on same level	52	44	51	70	56	84	64	71	61	1.1
Exposure to harmful substances or environments	533	554	576	533	481	499	539	486	464	8.0
Contact with electric current	281	298	334	280	256	285	289	246	254	4.4
Contact with electric current of machine, tool, appliance, or light fixture	46	41	51	51	42	47	42	51	38	.7
Contact with wiring, transformers, or other electrical components	70	71	84	76	67	78	90	69	62	1.1
Contact with overhead power lines	116	138	153	125	128	124	122	107	124	2.2
Contact with underground, buried power lines	5	5	9	4	-	4	4	-	6	.1
Struck by lightning	18	22	21	13	7	15	16	8	11	.2
Contact with temperature extremes	33	40	48	51	29	35	60	42	27	.5
Exposure to environmental heat	18	22	34	35	21	24	40	29	18	.3
Exposure to environmental cold	-	-	-	-	-	-	5	3	-	-
Contact with hot objects or substances	13	17	11	15	7	9	14	10	8	.1
Exposure to caustic, noxious, or allergenic substances	123	123	105	108	100	96	99	122	116	2.0
Inhalation of substance	76	59	48	55	48	49	49	65	52	.9
Inhalation in enclosed, restricted, or confined space	56	25	27	23	22	25	20	27	13	.2
Inhalation in open or nonconfined space	12	19	14	23	20	18	23	32	32	.6
Contact with skin or other exposed tissue ...	5	3	4	-	5	7	-	3	-	-
Injections, stings, venomous bites	14	23	12	16	10	9	10	14	19	.3
Needle sticks	3	7	-	6	-	-	-	5	4	.1
Bee, wasp, hornet sting	5	10	6	5	6	3	6	4	7	.1
Ingestion of substance	20	26	20	21	24	16	23	33	31	.5
Oxygen deficiency	95	90	87	92	94	83	90	73	65	1.1
Drowning, submersion	70	72	75	75	75	59	60	52	51	.9
Depletion of oxygen in other enclosed, restricted, or confined space	12	5	7	-	5	13	10	7	9	.2
Fire or explosion	185	196	206	216	177	188	165	198	159	2.8
Fire—unintended or uncontrolled	98	87	117	115	100	89	88	123	84	1.5
Fire in residence, building, or other structure	64	39	69	74	56	52	48	79	44	.8
Forest, brush, or other outdoor fire	10	8	14	6	6	7	9	9	7	.1

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by detailed event or exposure, 1996-2004 — Continued

Event or exposure ¹	1996 (number)	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002 (number)	2003 (number)	2004	
									Number	Percent
Ignition of clothing from controlled heat source	—	7	3	6	—	6	—	—	—	—
Explosion	85	109	89	99	76	99	77	75	75	1.3
Explosion, unspecified	4	6	4	5	—	5	—	—	—	—
Explosion of pressure vessel or piping	45	37	39	38	30	47	33	37	49	.9
Other events or exposures	6	12	8	15	6	9	—	4	3	.1

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

NOTE: Totals for all years are revised and final. Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks. 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."

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and Federal agencies, Census of Fatal Occupational Injuries.