

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

Event or exposure <sup>1</sup>	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
<b>Transportation incident</b> .....	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
<b>Assaults and violent acts</b> .....	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
<b>Contact with objects and equipment</b> .....	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 <sup>1</sup>	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
<b>Falls</b> .....	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
<b>Exposure to harmful substances or environments</b> .....	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
<b>Fire or explosion</b> .....	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 <sup>1</sup>	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
<b>Other events or exposures .....</b>	6	12	8	15	6	9	—	4	3	.1

<sup>1</sup> 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.