

**Table A-6. Fatal occupational injuries by worker activity at the time of the incident and event, 1993**

Worker activity	Fatalities		Event or exposure <sup>1</sup> (percent)						
	Number	Percent	Total	Transportation incidents	Assaults and violent acts	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
<b>Total</b> .....	6,271	100.0	100	39.6	20.9	16.6	9.7	9.4	3.2
<b>Vehicular and transportation operations</b> .....	2,352	37.5	100	87.8	6.0	3.0	1.3	1.5	.4
Driving, operating .....	1,583	25.2	100	89.2	7.3	1.6	.3	1.0	.4
Automobile .....	466	7.4	100	79.4	19.1	.9	—	—	—
Airplane .....	143	2.3	100	99.3	—	—	—	—	—
Truck .....	702	11.2	100	94.2	2.8	1.0	—	.7	.7
Industrial or construction vehicle .....	87	1.4	100	80.5	—	11.5	—	5.7	—
Boat .....	27	.4	100	85.2	—	—	—	—	—
Train .....	8	.1	100	100.0	—	—	—	—	—
Bus .....	8	.1	100	87.5	—	—	—	—	—
Bicycle, motorcycle .....	17	.3	100	100.0	—	—	—	—	—
Riding in, on .....	403	6.4	100	90.6	2.2	1.5	2.7	2.5	—
Automobile .....	48	.8	100	89.6	8.3	—	—	—	—
Airplane .....	108	1.7	100	100.0	—	—	—	—	—
Truck .....	92	1.5	100	97.8	—	—	—	—	—
Industrial/construction vehicle .....	11	.2	100	72.7	—	—	—	—	—
Boat .....	80	1.3	100	88.8	—	—	—	6.2	—
Train .....	9	.1	100	88.9	—	—	—	—	—
Bus .....	4	.1	100	100.0	—	—	—	—	—
Boarding, alighting .....	38	.6	100	26.3	21.1	18.4	26.3	—	—
Resurfacing, blacktopping, etc. ....	13	.2	100	53.8	—	—	—	—	—
Directing, flagging traffic .....	36	.6	100	94.4	—	—	—	—	—
Walking in or near roadway, etc., n.e.c. ....	75	1.2	100	88.0	—	10.7	—	—	—
Vehicular and transportation operations, n.e.c. ....	184	2.9	100	82.6	2.2	11.4	—	2.7	—
Driving, operating farm vehicle .....	144	2.3	100	88.9	—	8.3	—	—	—
Riding in, on farm vehicle .....	11	.2	100	90.9	—	—	—	—	—
<b>Using or operating tools, machinery</b> .....	698	11.1	100	22.6	1.1	48.7	7.4	10.9	8.7
Operating heavy equipment .....	307	4.9	100	45.3	—	42.3	3.9	6.5	1.3
Hydraulic equipment .....	7	.1	100	—	—	71.4	—	—	—
Crane .....	12	.2	100	—	—	41.7	33.3	—	—
Farm machinery .....	170	2.7	100	57.6	—	37.1	—	4.1	—
Mine machinery .....	26	.4	100	—	—	84.6	—	—	—
Earth moving machinery .....	24	.4	100	62.5	—	29.2	—	—	—
Materials handling machinery .....	24	.4	100	45.8	—	41.7	—	—	—
Operating machinery .....	81	1.3	100	—	4.9	61.7	—	8.6	21.0
Using power tools .....	35	.6	100	11.4	—	45.7	—	34.3	—
Using nonpowered hand tools .....	24	.4	100	—	—	45.8	16.7	33.3	—
Operating or reading gauges, valves, switches .....	21	.3	100	—	—	—	—	33.3	38.1
Welding .....	36	.6	100	—	—	16.7	—	—	63.9
Logging, trimming, pruning .....	166	2.6	100	6.6	—	66.9	16.9	9.6	—
Using or operating tools, machinery, gauges, n.e.c. ....	17	.3	100	—	—	35.3	—	—	29.4
<b>Constructing, repairing, cleaning</b> .....	1,066	17.0	100	7.3	3.0	31.0	29.0	24.1	5.5
Construction, assembling, dismantling .....	364	5.8	100	6.9	1.9	29.7	37.9	22.0	1.6
Constructing, assembling .....	94	1.5	100	5.3	—	26.6	41.5	23.4	—
Installing .....	108	1.7	100	4.6	—	29.6	28.7	33.3	3.7
Dismantling, removing .....	70	1.1	100	—	—	47.1	28.6	15.7	—
Repair, maintenance .....	418	6.7	100	6.9	2.9	39.5	17.2	25.1	8.4
Repairing .....	213	3.4	100	8.0	—	39.0	14.6	27.2	9.9
Maintenance .....	71	1.1	100	—	5.6	35.2	16.9	31.0	8.5
Adjusting .....	12	.2	100	—	—	66.7	—	—	—
Unjamming .....	16	.3	100	—	—	62.5	—	—	—
Inspecting or checking .....	67	1.1	100	10.4	—	11.9	34.3	34.3	7.5
Cleaning, washing .....	86	1.4	100	9.3	9.3	31.4	20.9	22.1	7.0
Clearing, spraying .....	20	.3	100	25.0	—	35.0	—	25.0	—
Painting, etc. ....	46	.7	100	—	—	—	58.7	23.9	13.0
Constructing, repairing, cleaning, n.e.c. ....	12	.2	100	—	—	—	41.7	—	—
<b>Protective service activities</b> .....	174	2.8	100	6.9	68.4	4.6	2.9	6.9	10.3
Fighting a fire .....	19	.3	100	—	—	—	—	—	89.5
Apprehending, breaking up fight, chasing .....	34	.5	100	—	97.1	—	—	—	—
Rescuing or evacuating .....	7	.1	100	—	—	—	—	71.4	—
<b>Materials handling operations</b> .....	252	4.0	100	10.3	4.8	42.9	11.9	20.2	6.7
Carrying materials .....	16	.3	100	—	—	—	—	31.2	—
Holding materials .....	8	.1	100	—	—	—	—	75.0	—
Loading, unloading (packing, unpacking) materials .....	105	1.7	100	10.5	4.8	60.0	11.4	8.6	4.8
Working with chemicals (except cleaning) .....	14	.2	100	—	—	—	—	50.0	42.9
Retrieving objects .....	17	.3	100	29.4	—	—	—	29.4	—
Materials handling, n.e.c. ....	62	1.0	100	11.3	—	45.2	11.3	22.6	—
<b>Physical activity<sup>2</sup>, n.e.c.</b> .....	362	5.8	100	20.4	21.3	19.3	26.2	10.8	—
<b>All other activities</b> .....	1,366	21.8	100	5.1	67.4	8.3	6.6	8.7	2.5
Tending a retail establishment .....	480	7.7	100	—	96.0	.8	.8	.8	—

See footnotes at end of table.

**Table A-6. Fatal occupational injuries by worker activity at the time of the incident and event, 1993 — Continued**

Worker activity	Fatalities		Event or exposure <sup>1</sup> (percent)						
	Number	Percent	Total	Transportation incidents	Assaults and violent acts	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Office work .....	50	.8	100	—	92.0	—	—	—	—
Health care and social services activities .....	24	.4	100	—	50.0	—	—	16.7	—
Animal care and tending .....	33	.5	100	—	60.6	15.2	—	12.1	—
Legal service activities .....	5	.1	100	—	100.0	—	—	—	—
Activity, n.e.c. ....	760	12.1	100	8.2	48.9	13.2	9.9	13.7	3.9

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

<sup>2</sup> Includes walking, sitting, running, and climbing ladders or stairs.

n.e.c. = not elsewhere classified.

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

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1993.