

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
Fatality rate <sup>2</sup> .....	92.4	92.4	90.9	47.0	43.2	37.8	35.3	30.0	28.0	24.5
Total count .....	85	109	40	31	35	310	95	36	918	68
<b>State of incident</b>										
Alabama .....	4	-	-	-	-	-	3	-	26	-
Alaska .....	-	3	9	-	-	-	-	-	5	-
Arizona .....	-	8	-	-	-	-	-	-	13	3
Arkansas .....	5	-	-	-	-	-	-	4	16	-
California .....	6	6	-	-	-	6	11	-	68	4
Colorado .....	-	7	-	-	-	3	-	-	16	-
Connecticut .....	-	-	-	-	-	-	5	-	5	-
Florida .....	-	10	-	5	6	-	11	-	57	11
Georgia .....	-	-	-	-	-	-	7	-	40	3
Hawaii .....	-	3	-	-	-	-	-	-	-	-
Idaho .....	-	4	-	-	-	4	-	-	6	-
Illinois .....	-	-	-	-	-	21	-	-	31	3
Indiana .....	-	-	-	-	-	23	-	-	35	-
Iowa .....	-	-	-	-	-	22	-	-	12	-
Kansas .....	-	-	-	-	-	14	-	-	14	-
Kentucky .....	3	-	-	-	-	19	-	-	35	-
Louisiana .....	-	-	-	-	-	-	-	-	20	-
Maine .....	-	-	-	-	-	-	-	-	3	-
Maryland .....	-	-	-	-	-	-	-	-	15	4
Massachusetts .....	-	-	7	-	-	-	3	-	12	-
Michigan .....	-	-	-	-	-	8	4	-	13	-
Minnesota .....	-	-	-	-	-	13	-	-	14	-
Mississippi .....	-	-	-	-	-	-	-	-	17	-
Missouri .....	4	6	-	-	-	39	-	-	25	-
Montana .....	-	-	-	-	-	9	-	-	5	-
Nebraska .....	-	-	-	-	-	11	-	-	4	-
Nevada .....	-	-	-	-	-	-	-	-	5	-
New Jersey .....	-	-	-	-	-	-	7	-	22	6
New Mexico .....	-	-	-	-	-	-	-	-	12	-
New York (including N.Y.C.) .....	-	3	-	-	5	8	-	-	29	3
New York City .....	-	-	-	-	-	-	-	-	8	-
North Carolina .....	7	-	-	-	-	6	-	-	35	-
North Dakota .....	-	-	-	-	-	9	-	-	-	-
Ohio .....	-	-	-	-	-	22	3	-	26	-
Oklahoma .....	-	-	-	-	-	3	-	-	20	-
Oregon .....	10	-	-	-	-	-	-	-	7	-
Pennsylvania .....	5	-	-	-	-	13	-	-	49	4
South Carolina .....	3	-	-	-	-	-	-	-	18	-
South Dakota .....	-	-	-	-	-	5	-	-	4	-
Tennessee .....	3	-	-	-	-	11	-	3	18	-
Texas .....	-	9	-	3	-	5	11	-	66	4
Utah .....	-	-	-	-	-	-	-	-	13	-
Virginia .....	-	-	-	-	-	5	5	-	21	-
Washington .....	6	-	-	-	-	3	-	-	14	-
West Virginia .....	6	4	-	-	-	-	-	-	16	-
Wisconsin .....	-	-	-	-	-	17	-	-	16	-
Wyoming .....	-	-	-	-	-	-	-	-	13	-
<b>Employee status</b>										
Wage and salary workers <sup>3</sup> .....	60	81	24	30	29	-	81	36	832	52
Self-employed <sup>4</sup> .....	25	28	16	-	6	310	14	-	86	16
<b>Sex</b>										
Men .....	84	107	40	31	34	301	94	36	885	65

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Sex</b>										
<b>- continued</b>										
Women .....	-	-	-	-	-	9	-	-	33	3
<b>Age</b>										
16 to 17 years .....	-	-	-	-	-	3	-	-	-	-
18 to 19 years .....	-	-	-	-	-	-	5	-	6	-
20 to 24 years .....	5	3	5	4	6	4	11	4	34	3
25 to 34 years .....	13	29	6	6	8	8	19	9	138	13
35 to 44 years .....	17	19	14	14	6	28	31	9	244	10
45 to 54 years .....	24	24	10	3	8	51	18	12	252	19
55 to 64 years .....	16	25	-	-	-	64	8	-	166	19
65 and over .....	10	8	3	-	3	151	-	-	76	4
<b>Race or ethnic origin<sup>5</sup></b>										
White .....	70	97	29	21	17	304	40	31	686	30
Black or African American .....	8	-	-	-	11	-	7	3	116	22
Hispanic or Latino .....	6	7	-	6	5	4	46	-	97	11
American Indian or Alaskan Native .....	-	-	3	-	-	-	-	-	-	-
Asian, Native Hawaiian or Pacific Islander .....	-	3	4	-	-	-	-	-	11	3
Other races or not reported .....	-	-	-	-	-	-	-	-	5	-
<b>Event or exposure<sup>6</sup></b>										
<b>Transportation incidents</b> .....	13	109	33	-	23	154	10	8	727	27
Highway .....	8	-	-	-	10	25	7	7	618	24
Collision between vehicles, mobile equipment .....	-	-	-	-	-	11	7	6	265	16
Re-entrant collision .....	-	-	-	-	-	-	-	-	9	-
Moving in same direction .....	-	-	-	-	-	6	-	-	74	4
Moving in opposite directions, oncoming .....	-	-	-	-	-	-	6	-	99	5
Moving in intersection .....	-	-	-	-	-	3	-	-	32	4
Moving and standing vehicle, mobile equipment-in roadway .....	-	-	-	-	-	-	-	-	24	-
Moving and standing vehicle, mobile equipment-side of road .....	-	-	-	-	-	-	-	-	11	-
Vehicle struck stationary object or equipment in roadway .....	-	-	-	-	-	-	-	-	12	-
Vehicle struck stationary object or equipment on side of road .....	3	-	-	-	-	3	-	-	185	6
Noncollision .....	3	-	-	-	7	9	-	-	147	-
Jack-knifed or overturned--no collision .....	-	-	-	-	-	9	-	-	125	-
Ran off highway--no collision .....	-	-	-	-	-	-	-	-	12	-
Struck by shifting load .....	-	-	-	-	-	-	-	-	3	-
Nonhighway (farm, industrial premises) .....	-	-	-	-	-	123	-	-	16	-
Vehicle, mobile equipment struck stationary object ..	-	-	-	-	-	7	-	-	4	-
Noncollision accident .....	-	-	-	-	-	112	-	-	11	-
Fall from moving vehicle, mobile equipment .....	-	-	-	-	-	5	-	-	-	-
Fell from and struck by vehicle, mobile equipment .....	-	-	-	-	-	22	-	-	-	-
Overtaken .....	-	-	-	-	-	82	-	-	9	-
Worker struck by vehicle, mobile equipment .....	3	-	-	-	11	6	-	-	74	3
Worker struck by vehicle, mobile equipment in roadway .....	-	-	-	-	7	-	-	-	21	-
Worker struck by vehicle, mobile equipment on side of road .....	-	-	-	-	-	-	-	-	29	-
Worker struck by vehicle, mobile equipment in parking lot or non-road area .....	-	-	-	-	3	5	-	-	22	-
Water vehicle .....	-	-	32	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Event or exposure<sup>6</sup> - continued</b>										
Fall from ship or boat, n.e.c. ....	—	—	12	—	—	—	—	—	—	—
Sinking, capsized water vehicle .....	—	—	15	—	—	—	—	—	—	—
Railway .....	—	—	—	—	—	—	—	—	16	—
Collision between railway vehicle and other vehicle .....	—	—	—	—	—	—	—	—	16	—
Aircraft .....	—	109	—	—	—	—	—	—	—	—
<b>Assaults and violent acts</b> .....	—	—	—	—	—	28	—	—	26	39
Homicides .....	—	—	—	—	—	3	—	—	20	38
Shooting .....	—	—	—	—	—	—	—	—	18	32
Assaults and violent acts by person(s), n.e.c. ....	—	—	—	—	—	—	—	—	—	3
Suicide, self-inflicted injury .....	—	—	—	—	—	5	—	—	6	—
Assaults by animals .....	—	—	—	—	—	20	—	—	—	—
<b>Contact with objects and equipment</b> .....	67	—	—	12	7	94	—	—	97	—
Struck by object .....	59	—	—	9	5	57	—	—	80	—
Struck by falling object .....	50	—	—	8	—	26	—	—	42	—
Struck by flying object .....	3	—	—	—	—	—	—	—	3	—
Struck by flying object, n.e.c. ....	3	—	—	—	—	—	—	—	—	—
Struck by swinging or slipping object .....	—	—	—	—	—	—	—	—	6	—
Struck by rolling, sliding objects on floor or ground level .....	3	—	—	—	—	29	—	—	27	—
Caught in or compressed by equipment or objects .....	8	—	—	—	—	28	—	—	14	—
Caught in running equipment or machinery .....	3	—	—	—	—	17	—	—	4	—
Compressed or pinched by rolling, sliding, or shifting objects .....	4	—	—	—	—	6	—	—	8	—
Caught in or crushed in collapsing materials .....	—	—	—	—	—	8	—	—	—	—
<b>Falls</b> .....	—	—	—	15	—	16	75	7	38	—
Fall to lower level .....	—	—	—	15	—	10	75	7	32	—
Fall from floor, dock, or ground level .....	—	—	—	3	—	—	—	—	4	—
Fall from loading dock .....	—	—	—	—	—	—	—	—	3	—
Fall from ladder .....	—	—	—	—	—	—	8	—	—	—
Fall from roof .....	—	—	—	4	—	—	61	—	—	—
Fall through existing roof opening .....	—	—	—	—	—	—	6	—	—	—
Fall through roof surface .....	—	—	—	—	—	—	3	—	—	—
Fall through skylight .....	—	—	—	—	—	—	9	—	—	—
Fall from roof edge .....	—	—	—	—	—	—	26	—	—	—
Fall from scaffold, staging .....	—	—	—	—	—	—	4	—	—	—
Fall from building girders or other structural steel .....	—	—	—	4	—	—	—	—	—	—
Fall from nonmoving vehicle .....	—	—	—	—	—	—	—	4	24	—
Fall to lower level, n.e.c. ....	—	—	—	—	—	—	—	3	—	—
Fall on same level .....	—	—	—	—	—	4	—	—	6	—
Fall to floor, walkway, or other surface .....	—	—	—	—	—	4	—	—	6	—
<b>Exposure to harmful substances or environments</b> .....	—	—	3	3	3	11	6	15	28	—
Contact with electric current .....	—	—	—	3	—	4	4	15	14	—
Contact with overhead power lines .....	—	—	—	3	—	—	—	14	11	—
Exposure to caustic, noxious, or allergenic substances .....	—	—	—	—	—	6	—	—	10	—
Inhalation of substance .....	—	—	—	—	—	5	—	—	3	—
Inhalation in open or nonconfined space .....	—	—	—	—	—	3	—	—	—	—
Injections, stings, venomous bites .....	—	—	—	—	—	—	—	—	3	—
<b>Fires and explosions</b> .....	—	—	—	—	—	7	—	—	—	—
Fires--unintended or uncontrolled .....	—	—	—	—	—	3	—	—	—	—
Explosion .....	—	—	—	—	—	4	—	—	—	—
<b>Primary source<sup>7</sup></b>										
<b>Vehicles</b> .....	11	109	33	—	26	178	12	8	776	28

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Primary source<sup>7</sup> - continued</b>										
Air vehicle .....	—	109	—	—	—	—	—	—	—	—
Aircraft-powered fixed wing .....	—	86	—	—	—	—	—	—	—	—
Jet .....	—	16	—	—	—	—	—	—	—	—
Propeller-driven aircraft .....	—	60	—	—	—	—	—	—	—	—
Aircraft-powered rotary wing .....	—	19	—	—	—	—	—	—	—	—
Helicopter .....	—	19	—	—	—	—	—	—	—	—
Highway vehicle, motorized .....	10	—	—	—	26	13	11	8	764	27
Automobile .....	—	—	—	—	4	—	—	—	42	16
Truck .....	10	—	—	—	22	12	8	7	693	—
Delivery truck .....	—	—	—	—	—	—	—	—	36	—
Dump truck .....	—	—	—	—	8	—	—	—	60	—
Pickup truck .....	4	—	—	—	—	6	8	—	33	—
Semitrailer, tractor trailer, trailer truck .....	6	—	—	—	—	3	—	—	489	—
Van--passenger or light delivery .....	—	—	—	—	—	—	—	—	18	10
Offroad vehicle, nonindustrial .....	—	—	—	—	—	14	—	—	—	—
All terrain vehicle (ATV) .....	—	—	—	—	—	14	—	—	—	—
Plant and industrial powered vehicles, tractors .....	—	—	—	—	—	149	—	—	7	—
Forklift .....	—	—	—	—	—	—	—	—	6	—
Tractor .....	—	—	—	—	—	147	—	—	—	—
Water vehicle .....	—	—	32	—	—	—	—	—	—	—
Tugboat, commercial fishing boat .....	—	—	27	—	—	—	—	—	—	—
<b>Structures and surfaces</b> .....	—	—	—	17	—	16	72	8	40	—
Floors, walkways, ground surfaces .....	—	—	—	15	—	14	72	7	38	—
Floors .....	—	—	—	7	—	4	21	—	4	—
Ground .....	—	—	—	6	—	7	34	5	13	—
Sidewalks, paths, outdoor walkways .....	—	—	—	—	—	—	3	—	—	—
Parking lots .....	—	—	—	—	—	—	6	—	9	—
Other floors, walkways, ground surfaces .....	—	—	—	—	—	—	—	—	4	—
<b>Machinery</b> .....	12	—	—	6	3	42	—	—	17	—
Agricultural and garden machinery .....	—	—	—	—	—	22	—	—	—	—
Harvesting and threshing machinery .....	—	—	—	—	—	6	—	—	—	—
Mowing machinery .....	—	—	—	—	—	10	—	—	—	—
Lawn mowers--riding .....	—	—	—	—	—	4	—	—	—	—
Mowers, tractor .....	—	—	—	—	—	3	—	—	—	—
Other agricultural and garden machinery .....	—	—	—	—	—	4	—	—	—	—
Construction, logging, and mining machinery .....	12	—	—	—	—	11	—	—	9	—
Loaders .....	—	—	—	—	—	10	—	—	4	—
Logging and wood processing machinery--specialized .....	10	—	—	—	—	—	—	—	—	—
Log loaders, including heel boom .....	3	—	—	—	—	—	—	—	—	—
Skidder--cable and grapple .....	4	—	—	—	—	—	—	—	—	—
Road grading and surfacing machinery .....	—	—	—	—	—	—	—	—	3	—
Material handling (cranes, conveyers, jacks) .....	—	—	—	6	—	6	—	—	5	—
Conveyers--powered .....	—	—	—	—	—	5	—	—	3	—
<b>Parts and materials</b> .....	—	—	—	6	—	13	4	17	21	—
Building materials--solid elements .....	—	—	—	4	—	—	3	—	12	—
Pipes, ducts, tubing .....	—	—	—	—	—	—	—	—	7	—
Structural metal materials .....	—	—	—	3	—	—	—	—	3	—
Fasteners, connectors, ropes, ties .....	—	—	—	—	—	3	—	—	—	—
Ropes, ties .....	—	—	—	—	—	3	—	—	—	—
Machine, tool, and electrical parts .....	—	—	—	—	—	—	—	16	3	—
Electric parts .....	—	—	—	—	—	—	—	16	3	—
Electrical wiring .....	—	—	—	—	—	—	—	5	—	—
Power lines, transformers, convertors .....	—	—	—	—	—	—	—	10	3	—
Vehicle and mobile equipment parts .....	—	—	—	—	—	8	—	—	3	—
Trailers .....	—	—	—	—	—	5	—	—	—	—
<b>Persons, plants, animals, and minerals</b> .....	57	—	—	—	—	40	—	—	8	—
Animals and animal products .....	—	—	—	—	—	20	—	—	—	—

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Primary source<sup>7</sup> - continued</b>										
Mammals, except humans .....	-	-	-	-	-	18	-	-	-	-
Cattle .....	-	-	-	-	-	12	-	-	-	-
Horses .....	-	-	-	-	-	5	-	-	-	-
Food products--fresh or processed .....	-	-	-	-	-	4	-	-	-	-
Plants, trees, vegetation--not processed .....	55	-	-	-	-	14	-	-	4	-
Trees, logs .....	55	-	-	-	-	12	-	-	4	-
<b>Chemicals and chemical products</b> .....	-	-	-	-	-	5	-	-	11	-
Chemical products--general .....	-	-	-	-	-	-	-	-	5	-
Drugs, alcohol, medicines .....	-	-	-	-	-	-	-	-	5	-
Other chemicals .....	-	-	-	-	-	4	-	-	-	-
<b>Containers</b> .....	-	-	-	-	-	7	-	-	16	-
Containers-nonpressurized .....	-	-	-	-	-	3	-	-	7	-
Tanks, bins, vats .....	-	-	-	-	-	-	-	-	3	-
Containers-pressurized .....	-	-	-	-	-	-	-	-	3	-
Containers-variable restraint .....	-	-	-	-	-	4	-	-	6	-
Bundles, bales .....	-	-	-	-	-	4	-	-	3	-
Reels, rolls .....	-	-	-	-	-	-	-	-	3	-
<b>Other</b> .....	-	-	3	-	4	7	4	-	27	36
Ammunition .....	-	-	-	-	-	3	-	-	23	33
Bullets .....	-	-	-	-	-	-	-	-	22	33
Atmospheric and environmental conditions .....	-	-	-	-	-	4	4	-	-	-
Fire, flame, smoke .....	-	-	-	-	-	4	-	-	-	-
Steam, vapors, liquids .....	-	-	3	-	-	-	-	-	-	-
Liquids .....	-	-	3	-	-	-	-	-	-	-
Water .....	-	-	3	-	-	-	-	-	-	-
<b>Secondary source<sup>8</sup></b>										
<b>Vehicles</b> .....	8	-	-	-	6	23	11	7	352	18
Highway vehicle, motorized .....	6	-	-	-	6	16	8	7	325	18
Automobile .....	-	-	-	-	-	4	-	-	48	6
Bus .....	-	-	-	-	-	-	-	-	3	-
Truck .....	5	-	-	-	6	12	8	6	256	9
Dump truck .....	-	-	-	-	-	-	-	-	21	-
Pickup truck .....	-	-	-	-	-	5	-	-	36	-
Semitrailer, tractor trailer, trailer truck .....	3	-	-	-	-	5	6	-	152	6
Van--passenger or light delivery .....	-	-	-	-	-	-	-	-	5	-
Plant and industrial powered vehicles, tractors .....	-	-	-	-	-	7	-	-	10	-
Forklift .....	-	-	-	-	-	-	-	-	9	-
Tractor .....	-	-	-	-	-	7	-	-	-	-
Rail vehicle .....	-	-	-	-	-	-	-	-	16	-
Train .....	-	-	-	-	-	-	-	-	16	-
<b>Structures and surfaces</b> .....	4	53	-	15	4	29	59	4	165	5
Floors, walkways, ground surfaces .....	3	47	-	-	3	14	-	-	25	-
Ground .....	-	42	-	-	-	5	-	-	5	-
Surfaces below ground level, n.e.c. ....	-	-	-	-	-	8	-	-	8	-
Ditches, channels, trenches, excavations .....	-	-	-	-	-	8	-	-	8	-
Other floors, walkways, ground surfaces .....	-	-	-	-	-	-	-	-	9	-
Ramps, runways, loading docks .....	-	-	-	-	-	-	-	-	8	-
Other structural elements .....	-	-	-	6	-	8	55	-	9	-
Fences, fence panels .....	-	-	-	-	-	-	-	-	3	-
Roof .....	-	-	-	4	-	3	47	-	-	-
Walls .....	-	-	-	-	-	-	-	-	4	-
Structures .....	-	6	-	7	-	7	4	4	129	-
Bridges, dams, locks .....	-	-	-	-	-	-	-	-	19	-
Scaffolds, staging .....	-	-	-	-	-	-	4	-	-	-
Towers, poles .....	-	-	-	-	-	-	-	-	21	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Secondary source<sup>8</sup> - continued</b>										
Other structures .....	-	-	-	-	-	4	-	-	86	-
Guardrails, road dividers .....	-	-	-	-	-	-	-	-	71	-
<b>Machinery</b> .....	-	-	-	-	-	23	-	7	9	-
Agricultural and garden machinery .....	-	-	-	-	-	14	-	-	-	-
Plowing, planting, and fertilizing machinery .....	-	-	-	-	-	10	-	-	-	-
Plowing and cultivating machinery .....	-	-	-	-	-	3	-	-	-	-
Seed planting machinery .....	-	-	-	-	-	4	-	-	-	-
Spreading machinery--agricultural .....	-	-	-	-	-	3	-	-	-	-
Construction, logging, and mining machinery .....	-	-	-	-	-	3	-	-	3	-
Loaders .....	-	-	-	-	-	3	-	-	3	-
Material handling (cranes, conveyers, jacks) .....	-	-	-	-	-	4	-	6	4	-
Elevators .....	-	-	-	-	-	-	-	6	-	-
Bucket or basket hoist--truck mounted .....	-	-	-	-	-	-	-	6	-	-
Jacks .....	-	-	-	-	-	3	-	-	3	-
<b>Parts and materials</b> .....	-	5	-	5	-	11	4	6	24	-
Building materials--solid elements .....	-	-	-	3	-	3	-	-	6	-
Fasteners, connectors, ropes, ties .....	-	-	-	-	-	3	-	-	-	-
Ropes, ties .....	-	-	-	-	-	3	-	-	-	-
Machine, tool, and electrical parts .....	-	5	-	-	-	-	3	6	9	-
Electric parts .....	-	5	-	-	-	-	3	6	9	-
Power lines, transformers, convertors .....	-	5	-	-	-	-	-	5	9	-
Vehicle and mobile equipment parts .....	-	-	-	-	-	3	-	-	6	-
Trailers .....	-	-	-	-	-	3	-	-	3	-
<b>Persons, plants, animals, and minerals</b> .....	20	8	-	-	-	27	-	-	79	38
Animals and animal products .....	-	-	-	-	-	8	-	-	6	-
Mammals, except humans .....	-	-	-	-	-	7	-	-	6	-
Cattle .....	-	-	-	-	-	6	-	-	3	-
Nonmetallic minerals, except fuel .....	-	-	-	-	-	-	-	-	4	-
Dirt, earth .....	-	-	-	-	-	-	-	-	4	-
Person--other than injured or ill worker .....	-	-	-	-	-	-	-	-	20	36
Robber <sup>9</sup> .....	-	-	-	-	-	-	-	-	11	21
Plants, trees, vegetation--not processed .....	20	8	-	-	-	15	-	-	49	-
Trees, logs .....	20	8	-	-	-	13	-	-	49	-
<b>Tools, instruments, and equipment</b> .....	7	-	-	-	-	6	10	-	4	-
Handtools--powered .....	5	-	-	-	-	-	-	-	-	-
Cutting handtools .....	4	-	-	-	-	-	-	-	-	-
Chainsaws .....	4	-	-	-	-	-	-	-	-	-
Ladders .....	-	-	-	-	-	-	10	-	-	-
Ladders--movable .....	-	-	-	-	-	-	8	-	-	-
Extension ladders .....	-	-	-	-	-	-	3	-	-	-
<b>Containers</b> .....	-	-	-	-	-	13	-	-	9	-
Containers-nonpressurized .....	-	-	-	-	-	7	-	-	4	-
Tanks, bins, vats .....	-	-	-	-	-	7	-	-	-	-
Containers-pressurized .....	-	-	-	-	-	-	-	-	4	-
Hoses .....	-	-	-	-	-	-	-	-	3	-
Containers-variable restraint .....	-	-	-	-	-	5	-	-	-	-
Bundles, bales .....	-	-	-	-	-	5	-	-	-	-
<b>Other</b> .....	-	7	14	-	-	16	4	-	23	-
Atmospheric and environmental conditions .....	-	-	-	-	-	6	3	-	17	-
Fire, flame, smoke .....	-	-	-	-	-	-	-	-	4	-
Fire, flame .....	-	-	-	-	-	-	-	-	4	-
Weather and atmospheric conditions .....	-	-	-	-	-	5	3	-	12	-
Ice, sleet, snow .....	-	-	-	-	-	5	-	-	6	-
Steam, vapors, liquids .....	-	6	11	-	-	4	-	-	4	-
Liquids .....	-	6	11	-	-	4	-	-	4	-
Water .....	-	6	11	-	-	4	-	-	3	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Secondary source<sup>8</sup> - continued</b>										
<b>Not reported</b> .....	40	32	16	7	18	161	5	9	251	6
<b>Nature<sup>6</sup></b>										
<b>Traumatic injuries to bones, nerves, spinal cord</b> .....	—	—	—	—	—	13	5	—	23	—
Traumatic injuries to spinal cord .....	—	—	—	—	—	—	—	—	3	—
Multiple traumatic injuries to bones, nerves, spinal cord .....	—	—	—	—	—	11	3	—	14	—
Traumatic injuries to bones, nerves, spinal cord, n.e.c. ....	—	—	—	—	—	—	—	—	3	—
<b>Open wounds</b> .....	—	—	—	—	—	10	—	—	31	35
Amputations .....	—	—	—	—	—	5	—	—	—	—
Cuts, lacerations .....	—	—	—	—	—	—	—	—	5	—
Gunshot wounds .....	—	—	—	—	—	3	—	—	23	33
<b>Burns</b> .....	—	—	—	—	—	4	—	—	43	—
Heat burns, scalds .....	—	—	—	—	—	4	—	—	42	—
<b>Intracranial injuries</b> .....	27	8	—	8	8	51	39	5	155	4
Cerebral hemorrhages .....	—	—	—	—	—	—	—	—	6	—
Multiple intracranial injuries .....	16	6	—	7	6	36	23	—	99	3
<b>Multiple traumatic injuries and disorders</b> .....	36	92	4	13	16	82	37	12	449	20
Burns and other injuries .....	—	6	—	—	—	—	—	—	33	—
Intracranial injuries and injuries to internal organs .....	10	26	—	—	7	36	10	—	133	5
Other combinations of traumatic injuries .....	9	11	—	—	3	10	4	4	49	—
<b>Other traumatic injuries and disorders</b> .....	19	6	34	9	6	149	10	16	212	6
Asphyxiations/strangulations, suffocations <sup>10</sup> .....	3	—	—	—	—	48	—	—	50	—
Drownings .....	—	—	33	—	—	6	—	—	12	—
Electrocutions, electric shocks .....	—	—	—	3	—	4	4	14	15	—
Internal injuries to organs and blood vessels of the trunk .....	15	3	—	4	5	84	6	—	111	5
Other poisonings and toxic effects .....	—	—	—	—	—	7	—	—	24	—
Other poisonings and toxic effects, n.e.c. ....	—	—	—	—	—	7	—	—	23	—
<b>Part of body<sup>6</sup></b>										
<b>Head</b> .....	27	8	—	8	9	54	39	5	163	19
Cranial region, including skull .....	27	8	—	8	8	51	38	5	157	7
Brain .....	27	8	—	8	8	51	38	5	155	4
Face .....	—	—	—	—	—	—	—	—	—	3
<b>Neck, including throat</b> .....	—	—	—	—	—	11	5	—	22	4
Neck, except internal location of diseases or disorders .....	—	—	—	—	—	11	5	—	22	4
<b>Trunk</b> .....	18	3	—	4	6	90	8	—	134	16
Chest, including ribs, internal organs .....	5	—	—	—	—	52	3	—	64	9
Back, including spine, spinal cord .....	—	—	—	—	—	3	—	—	7	—
Abdomen .....	—	—	—	—	—	5	—	—	6	—
Pelvic region .....	—	—	—	—	—	4	—	—	—	—
Multiple trunk locations .....	8	3	—	—	5	24	—	—	43	3
<b>Lower extremities</b> .....	—	—	—	—	—	3	—	—	9	—
<b>Body systems</b> .....	—	3	34	5	3	61	6	14	96	—

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Part of body<sup>6</sup> - continued</b>										
<b>Multiple body parts</b> .....	36	94	4	13	16	89	37	15	494	26
<b>Worker activity</b>										
<b>Vehicular and transportation operations</b> .....	10	109	30	—	21	167	9	8	763	64
Driving, operating .....	8	98	8	—	—	32	4	7	634	37
Automobile .....	—	—	—	—	—	—	—	—	21	27
Airplane .....	—	98	—	—	—	—	—	—	—	—
Truck .....	7	—	—	—	—	7	—	6	580	—
Industrial or construction vehicle .....	—	—	—	—	—	8	—	—	7	—
Boat .....	—	—	7	—	—	—	—	—	—	—
Bicycle, motorcycle .....	—	—	—	—	—	—	—	—	—	3
Riding in, on .....	—	11	22	—	10	—	—	—	31	—
Airplane .....	—	11	—	—	—	—	—	—	—	—
Truck .....	—	—	—	—	10	—	—	—	30	—
Boat .....	—	—	22	—	—	—	—	—	—	—
Boarding, alighting .....	—	—	—	—	—	4	—	—	20	—
Directing, flagging traffic .....	—	—	—	—	—	—	—	—	7	—
Walking in or near roadway, etc., n.e.c. ....	—	—	—	—	8	—	—	—	52	—
Vehicular and transportation operations, n.e.c. ....	—	—	—	—	—	128	—	—	9	—
Driving, operating farm vehicle .....	—	—	—	—	—	116	—	—	—	—
Riding in, on farm vehicle .....	—	—	—	—	—	6	—	—	—	—
Boarding, alighting farm vehicle .....	—	—	—	—	—	4	—	—	—	—
<b>Using or operating tools, machinery</b> .....	60	—	—	—	—	37	—	—	13	—
Operating heavy equipment .....	5	—	—	—	—	22	—	—	7	—
Farm machinery .....	—	—	—	—	—	20	—	—	—	—
Materials handling machinery .....	—	—	—	—	—	—	—	—	3	—
Using power tools .....	8	—	—	—	—	—	—	—	—	—
Using nonpowered hand tools .....	—	—	—	—	—	3	—	—	—	—
Operating or reading gauges, valves, switches .....	—	—	—	—	—	—	—	—	3	—
Logging, trimming, pruning .....	47	—	—	—	—	7	—	—	—	—
<b>Constructing, repairing, cleaning</b> .....	9	—	4	23	3	46	66	25	42	—
Construction, assembling, dismantling .....	—	—	—	19	—	3	51	9	7	—
Constructing, assembling .....	—	—	—	12	—	—	14	—	—	—
Installing .....	—	—	—	7	—	—	17	6	3	—
Dismantling, removing .....	—	—	—	—	—	3	6	—	4	—
Repair, maintenance .....	5	—	4	3	—	36	6	15	26	—
Repairing .....	3	—	—	—	—	21	5	13	12	—
Maintenance .....	—	—	—	—	—	—	—	—	3	—
Adjusting .....	—	—	—	—	—	—	—	—	6	—
Unjamming .....	—	—	—	—	—	5	—	—	—	—
Inspecting or checking .....	—	—	—	—	—	—	—	—	7	—
Clearing, spraying .....	—	—	—	—	—	3	—	—	—	—
<b>Materials handling operations</b> .....	3	—	—	4	6	9	10	—	52	—
Loading, unloading (packing, unpacking) materials .....	3	—	—	—	—	3	4	—	42	—
Materials handling, n.e.c. ....	—	—	—	—	4	3	—	—	6	—
<b>Physical activity<sup>11</sup>, n.e.c.</b> .....	—	—	4	—	—	11	7	—	30	—
<b>All other activities</b> .....	—	—	—	—	—	39	—	—	18	—
Tending a retail establishment .....	—	—	—	—	—	—	—	—	3	—
Animal care and tending .....	—	—	—	—	—	25	—	—	—	—
Activity, n.e.c. ....	—	—	—	—	—	14	—	—	13	—

See footnotes at end of table.



TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Location</b>										
<b>Street or highway</b> .....	11	6	—	—	26	26	10	18	728	59
Street and highway, unspecified .....	—	—	—	—	—	—	—	—	27	—
Interstate, freeway, or expressway .....	—	—	—	—	—	—	—	—	275	13
Other highway (State or U.S.) .....	5	—	—	—	—	3	6	4	243	5
Local road or street .....	5	4	—	—	22	21	3	8	153	41
Road construction <sup>12</sup> .....	—	—	—	—	—	—	—	4	15	—
<b>Industrial place or premise</b> .....	5	—	5	25	5	—	44	7	97	—
Industrial place and premises, unspecified .....	—	—	—	—	—	—	—	—	7	—
Dockyard .....	—	—	5	—	—	—	—	—	4	—
Loading platform, factory or store .....	—	—	—	—	—	—	—	—	22	—
Warehouse .....	—	—	—	—	—	—	—	—	6	—
Construction site .....	—	—	—	22	—	—	38	—	12	—
Factory, plant .....	—	—	—	—	—	—	3	—	8	—
Industrial place or premises, nec .....	—	—	—	—	—	—	—	4	23	—
<b>Other specified place<sup>13</sup></b> .....	64	69	34	3	—	3	—	6	49	6
Parking lot, garage (employer's premises) .....	—	—	—	—	—	—	—	—	16	—
Parking lot, garage (except employer's premises) .....	—	—	—	3	—	—	—	—	20	5
River .....	—	3	5	—	—	—	—	—	—	—
Sea .....	—	6	29	—	—	—	—	—	—	—
Woods .....	62	20	—	—	—	—	—	—	8	—
<b>Public building<sup>14</sup></b> .....	—	—	—	—	—	—	7	—	11	—
Shop, commercial store (except grocery) .....	—	—	—	—	—	—	4	—	3	—
<b>Farm</b> .....	—	25	—	—	—	272	—	3	6	—
Farm buildings .....	—	—	—	—	—	18	—	—	—	—
Farm land under cultivation, fields, meadows .....	—	24	—	—	—	125	—	3	—	—
Farm pond, creek, canal, irrigation ditch .....	—	—	—	—	—	8	—	—	—	—
Silos, grain bin .....	—	—	—	—	—	10	—	—	—	—
<b>Private residence<sup>15</sup></b> .....	—	—	—	—	—	6	33	—	16	—
Farm house .....	—	—	—	—	—	4	—	—	—	—
Residential construction <sup>16</sup> .....	—	—	—	—	—	—	28	—	7	—
<b>Mine, quarry</b> .....	—	—	—	—	—	—	—	—	8	—
Gravel, sand pit .....	—	—	—	—	—	—	—	—	4	—
<b>Unspecified place</b> .....	—	—	—	—	—	—	—	—	3	—
<b>Industry<sup>17</sup> (NAICS)</b>										
<b>Private industry</b> .....	84	105	40	31	26	310	95	31	904	67
<b>Goods-producing</b> .....	83	12	39	31	—	310	94	13	159	—
<b>Natural resources and mining</b> .....	78	11	39	—	—	310	—	—	40	—
<b>Agriculture, forestry, fishing and hunting</b> .....	78	11	39	—	—	310	—	—	30	—
Crop production .....	—	—	—	—	—	214	—	—	8	—
Oilseed and grain farming .....	—	—	—	—	—	33	—	—	3	—
Wheat farming .....	—	—	—	—	—	4	—	—	—	—
Corn farming .....	—	—	—	—	—	6	—	—	—	—
Other grain farming .....	—	—	—	—	—	17	—	—	—	—
Oilseed and grain combination farming .....	—	—	—	—	—	13	—	—	—	—
All other grain farming .....	—	—	—	—	—	4	—	—	—	—
Fruit and tree nut farming .....	—	—	—	—	—	3	—	—	—	—
Noncitrus fruit and tree nut farming .....	—	—	—	—	—	3	—	—	—	—

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup></b>										
<b>(NAICS) - continued</b>										
Other crop farming .....	-	-	-	-	-	67	-	-	-	-
Tobacco farming .....	-	-	-	-	-	4	-	-	-	-
Hay farming .....	-	-	-	-	-	11	-	-	-	-
All other crop farming .....	-	-	-	-	-	47	-	-	-	-
All other miscellaneous crop farming .....	-	-	-	-	-	44	-	-	-	-
Animal production .....	-	-	-	-	-	84	-	-	5	-
Cattle ranching and farming .....	-	-	-	-	-	62	-	-	-	-
Beef cattle ranching and farming, including feedlots .....	-	-	-	-	-	23	-	-	-	-
Beef cattle ranching and farming .....	-	-	-	-	-	23	-	-	-	-
Dairy cattle and milk production .....	-	-	-	-	-	23	-	-	-	-
Hog and pig farming .....	-	-	-	-	-	3	-	-	3	-
Hog and pig farming .....	-	-	-	-	-	3	-	-	3	-
Other animal production .....	-	-	-	-	-	3	-	-	-	-
Forestry and logging .....	78	-	-	-	-	-	-	-	13	-
Timber tract operations .....	3	-	-	-	-	-	-	-	-	-
Timber tract operations .....	3	-	-	-	-	-	-	-	-	-
Logging .....	74	-	-	-	-	-	-	-	13	-
Logging .....	74	-	-	-	-	-	-	-	13	-
Fishing, hunting and trapping .....	-	-	39	-	-	-	-	-	-	-
Fishing .....	-	-	39	-	-	-	-	-	-	-
Fishing .....	-	-	39	-	-	-	-	-	-	-
Finfish fishing .....	-	-	10	-	-	-	-	-	-	-
Shellfish fishing .....	-	-	18	-	-	-	-	-	-	-
Support activities for agriculture and forestry .....	-	10	-	-	-	4	-	-	-	-
Support activities for crop production .....	-	7	-	-	-	3	-	-	-	-
Support activities for crop production .....	-	7	-	-	-	3	-	-	-	-
Soil preparation, planting, and cultivating .....	-	7	-	-	-	-	-	-	-	-
Support activities for forestry .....	-	3	-	-	-	-	-	-	-	-
Support activities for forestry .....	-	3	-	-	-	-	-	-	-	-
<b>Mining<sup>18</sup></b> .....	-	-	-	-	-	-	-	-	10	-
Mining (except oil and gas) .....	-	-	-	-	-	-	-	-	5	-
Nonmetallic mineral mining and quarrying .....	-	-	-	-	-	-	-	-	4	-
Support activities for mining .....	-	-	-	-	-	-	-	-	5	-
Support activities for mining .....	-	-	-	-	-	-	-	-	5	-
Support activities for oil and gas operations .....	-	-	-	-	-	-	-	-	4	-
<b>Construction</b> .....	-	-	-	29	-	-	94	13	56	-
<b>Construction</b> .....	-	-	-	29	-	-	94	13	56	-
Construction of buildings .....	-	-	-	6	-	-	5	-	4	-
Residential building construction .....	-	-	-	-	-	-	3	-	-	-
Residential building construction .....	-	-	-	-	-	-	3	-	-	-
Nonresidential building construction .....	-	-	-	6	-	-	-	-	-	-
Industrial building construction .....	-	-	-	5	-	-	-	-	-	-
Heavy and civil engineering construction .....	-	-	-	-	-	-	-	4	20	-
Utility system construction .....	-	-	-	-	-	-	-	4	-	-
Power and communication line and related structures construction .....	-	-	-	-	-	-	-	4	-	-
Highway, street, and bridge construction .....	-	-	-	-	-	-	-	-	16	-
Highway, street, and bridge construction .....	-	-	-	-	-	-	-	-	16	-
Specialty trade contractors .....	-	-	-	22	-	-	88	9	27	-
Foundation, structure, and building exterior contractors .....	-	-	-	19	-	-	87	-	8	-
Poured concrete foundation and structure contractors .....	-	-	-	-	-	-	-	-	5	-
Structural steel and precast concrete contractors .....	-	-	-	16	-	-	-	-	-	-
Nonresidential structural steel and precast concrete contractors .....	-	-	-	9	-	-	-	-	-	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup></b>										
<b>(NAICS) - continued</b>										
Masonry contractors .....	-	-	-	-	-	-	-	-	3	-
Roofing contractors .....	-	-	-	-	-	-	86	-	-	-
Residential roofing contractors .....	-	-	-	-	-	-	17	-	-	-
Nonresidential roofing contractors .....	-	-	-	-	-	-	26	-	-	-
Building equipment contractors .....	-	-	-	-	-	-	-	9	-	-
Electrical contractors .....	-	-	-	-	-	-	-	9	-	-
Other specialty trade contractors .....	-	-	-	3	-	-	-	-	17	-
Site preparation contractors .....	-	-	-	-	-	-	-	-	13	-
Nonresidential site preparation contractors .....	-	-	-	-	-	-	-	-	7	-
All other specialty trade contractors .....	-	-	-	3	-	-	-	-	4	-
<b>Manufacturing</b> .....	4	-	-	-	-	-	-	-	63	-
<b>Manufacturing</b> .....	4	-	-	-	-	-	-	-	63	-
Food manufacturing .....	-	-	-	-	-	-	-	-	14	-
Animal slaughtering and processing .....	-	-	-	-	-	-	-	-	3	-
Animal slaughtering and processing .....	-	-	-	-	-	-	-	-	3	-
Bakeries and tortilla manufacturing .....	-	-	-	-	-	-	-	-	6	-
Bread and bakery product manufacturing .....	-	-	-	-	-	-	-	-	6	-
Commercial bakeries .....	-	-	-	-	-	-	-	-	3	-
Wood product manufacturing .....	4	-	-	-	-	-	-	-	4	-
Sawmills and wood preservation .....	4	-	-	-	-	-	-	-	-	-
Sawmills and wood preservation .....	4	-	-	-	-	-	-	-	-	-
Sawmills .....	3	-	-	-	-	-	-	-	-	-
Nonmetallic mineral product manufacturing .....	-	-	-	-	-	-	-	-	25	-
Cement and concrete product manufacturing .....	-	-	-	-	-	-	-	-	24	-
Ready-mix concrete manufacturing .....	-	-	-	-	-	-	-	-	18	-
Concrete pipe, brick, and block manufacturing .....	-	-	-	-	-	-	-	-	3	-
Concrete block and brick manufacturing .....	-	-	-	-	-	-	-	-	3	-
Fabricated metal product manufacturing .....	-	-	-	-	-	-	-	-	5	-
<b>Service-providing</b> .....	-	93	-	-	25	-	-	18	745	67
<b>Trade, transportation, and utilities</b> .....	-	51	-	-	5	-	-	18	655	61
<b>Wholesale trade</b> .....	-	-	-	-	5	-	-	-	64	-
Merchant wholesalers, durable goods .....	-	-	-	-	5	-	-	-	19	-
Lumber and other construction materials merchant wholesalers .....	-	-	-	-	-	-	-	-	5	-
Brick, stone, and related construction material merchant wholesalers .....	-	-	-	-	-	-	-	-	4	-
Machinery, equipment, and supplies merchant wholesalers .....	-	-	-	-	-	-	-	-	3	-
Miscellaneous durable goods merchant wholesalers .....	-	-	-	-	5	-	-	-	3	-
Recyclable material merchant wholesalers .....	-	-	-	-	5	-	-	-	-	-
Merchant wholesalers, nondurable goods .....	-	-	-	-	-	-	-	-	42	-
Grocery and related product wholesalers .....	-	-	-	-	-	-	-	-	13	-
General line grocery merchant wholesalers .....	-	-	-	-	-	-	-	-	5	-
Farm product raw material merchant wholesalers .....	-	-	-	-	-	-	-	-	3	-
Grain and field bean merchant wholesalers .....	-	-	-	-	-	-	-	-	3	-
Petroleum and petroleum products merchant wholesalers .....	-	-	-	-	-	-	-	-	15	-
Petroleum bulk stations and terminals .....	-	-	-	-	-	-	-	-	3	-
Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals) .....	-	-	-	-	-	-	-	-	11	-
Miscellaneous nondurable goods merchant wholesalers .....	-	-	-	-	-	-	-	-	8	-
Farm supplies merchant wholesalers .....	-	-	-	-	-	-	-	-	3	-
Flower, nursery stock, and florists' supplies merchant wholesalers .....	-	-	-	-	-	-	-	-	3	-
Wholesale electronic markets and agents and brokers .....	-	-	-	-	-	-	-	-	3	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup></b>										
<b>(NAICS) - continued</b>										
Wholesale electronic markets and agents and brokers .....	-	-	-	-	-	-	-	-	3	-
Wholesale trade agents and brokers .....	-	-	-	-	-	-	-	-	3	-
<b>Retail trade</b> .....	-	-	-	-	-	-	-	-	45	-
Motor vehicle and parts dealers .....	-	-	-	-	-	-	-	-	13	-
Automobile dealers .....	-	-	-	-	-	-	-	-	3	-
Automotive parts, accessories, and tire stores .....	-	-	-	-	-	-	-	-	10	-
Automotive parts and accessories stores .....	-	-	-	-	-	-	-	-	10	-
Building material and garden equipment and supplies dealers .....	-	-	-	-	-	-	-	-	13	-
Building material and supplies dealers .....	-	-	-	-	-	-	-	-	10	-
Home centers .....	-	-	-	-	-	-	-	-	3	-
Other building material dealers .....	-	-	-	-	-	-	-	-	5	-
Lawn and garden equipment and supplies stores .....	-	-	-	-	-	-	-	-	3	-
Nursery, garden center, and farm supply stores .....	-	-	-	-	-	-	-	-	3	-
Food and beverage stores .....	-	-	-	-	-	-	-	-	4	-
Miscellaneous store retailers .....	-	-	-	-	-	-	-	-	4	-
Nonstore retailers .....	-	-	-	-	-	-	-	-	4	-
Direct selling establishments .....	-	-	-	-	-	-	-	-	3	-
<b>Transportation and warehousing</b> .....	-	51	-	-	-	-	-	-	544	60
Air transportation .....	-	41	-	-	-	-	-	-	-	-
Scheduled air transportation .....	-	10	-	-	-	-	-	-	-	-
Scheduled air transportation .....	-	10	-	-	-	-	-	-	-	-
Scheduled passenger air transportation .....	-	5	-	-	-	-	-	-	-	-
Scheduled freight air transportation .....	-	5	-	-	-	-	-	-	-	-
Nonscheduled air transportation .....	-	31	-	-	-	-	-	-	-	-
Nonscheduled air transportation .....	-	31	-	-	-	-	-	-	-	-
Nonscheduled chartered passenger air transportation .....	-	21	-	-	-	-	-	-	-	-
Other nonscheduled air transportation .....	-	4	-	-	-	-	-	-	-	-
Truck transportation .....	-	-	-	-	-	-	-	-	493	-
General freight trucking .....	-	-	-	-	-	-	-	-	376	-
General freight trucking, local .....	-	-	-	-	-	-	-	-	53	-
General freight trucking, long-distance .....	-	-	-	-	-	-	-	-	292	-
General freight trucking, long-distance, truckload .....	-	-	-	-	-	-	-	-	167	-
General freight trucking, long-distance, less than truckload .....	-	-	-	-	-	-	-	-	35	-
Specialized freight trucking .....	-	-	-	-	-	-	-	-	100	-
Used household and office goods moving .....	-	-	-	-	-	-	-	-	5	-
Specialized freight (except used goods) trucking, local .....	-	-	-	-	-	-	-	-	47	-
Specialized freight (except used goods) trucking, long-distance .....	-	-	-	-	-	-	-	-	44	-
Transit and ground passenger transportation .....	-	-	-	-	-	-	-	-	-	60
Taxi and limousine service .....	-	-	-	-	-	-	-	-	-	58
Taxi service .....	-	-	-	-	-	-	-	-	-	53
Limousine service .....	-	-	-	-	-	-	-	-	-	5
Scenic and sightseeing transportation .....	-	4	-	-	-	-	-	-	-	-
Scenic and sightseeing transportation, other .....	-	4	-	-	-	-	-	-	-	-
Scenic and sightseeing transportation, other .....	-	4	-	-	-	-	-	-	-	-
Support activities for transportation .....	-	5	-	-	-	-	-	-	34	-
Support activities for air transportation .....	-	5	-	-	-	-	-	-	-	-
Other support activities for air transportation .....	-	3	-	-	-	-	-	-	-	-
Support activities for road transportation .....	-	-	-	-	-	-	-	-	30	-
Motor vehicle towing .....	-	-	-	-	-	-	-	-	27	-
Other support activities for road transportation .....	-	-	-	-	-	-	-	-	3	-
Couriers and messengers .....	-	-	-	-	-	-	-	-	13	-
Couriers .....	-	-	-	-	-	-	-	-	10	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup> (NAICS) - continued</b>										
Couriers .....	-	-	-	-	-	-	-	-	10	-
Local messengers and local delivery .....	-	-	-	-	-	-	-	-	3	-
Local messengers and local delivery .....	-	-	-	-	-	-	-	-	3	-
<b>Utilities</b> .....	-	-	-	-	-	-	-	18	-	-
Utilities .....	-	-	-	-	-	-	-	18	-	-
Electric power generation, transmission and distribution .....	-	-	-	-	-	-	-	18	-	-
Electric power generation .....	-	-	-	-	-	-	-	5	-	-
Electric power transmission, control, and distribution .....	-	-	-	-	-	-	-	12	-	-
Electric bulk power transmission and control .....	-	-	-	-	-	-	-	5	-	-
Electric power distribution .....	-	-	-	-	-	-	-	6	-	-
<b>Information</b> .....	-	-	-	-	-	-	-	-	9	-
Information .....	-	-	-	-	-	-	-	-	9	-
Publishing industries (except internet) .....	-	-	-	-	-	-	-	-	9	-
Newspaper, periodical, book, and directory publishers .....	-	-	-	-	-	-	-	-	9	-
Newspaper publishers .....	-	-	-	-	-	-	-	-	9	-
<b>Financial activities</b> .....	-	-	-	-	-	-	-	-	6	-
Financial activities .....	-	-	-	-	-	-	-	-	6	-
<b>Real estate and rental and leasing</b> .....	-	-	-	-	-	-	-	-	6	-
Real estate and rental and leasing .....	-	-	-	-	-	-	-	-	6	-
Rental and leasing services .....	-	-	-	-	-	-	-	-	6	-
Commercial and industrial machinery and equipment rental and leasing .....	-	-	-	-	-	-	-	-	3	-
Construction, transportation, mining, and forestry machinery and equipment rental and leasing .....	-	-	-	-	-	-	-	-	3	-
<b>Professional and business services</b> .....	-	4	-	-	20	-	-	-	40	-
Professional and business services .....	-	4	-	-	20	-	-	-	40	-
<b>Administrative and waste services</b> .....	-	-	-	-	20	-	-	-	38	-
Administrative and waste services .....	-	-	-	-	20	-	-	-	38	-
Administrative and support services .....	-	-	-	-	-	-	-	-	5	-
Services to buildings and dwellings .....	-	-	-	-	-	-	-	-	3	-
Waste management and remediation services .....	-	-	-	-	20	-	-	-	33	-
Waste management and remediation services .....	-	-	-	-	20	-	-	-	33	-
Waste collection .....	-	-	-	-	15	-	-	-	19	-
Waste collection .....	-	-	-	-	15	-	-	-	19	-
Waste collection .....	-	-	-	-	14	-	-	-	16	-
Solid waste collection .....	-	-	-	-	14	-	-	-	16	-
Waste treatment and disposal .....	-	-	-	-	5	-	-	-	7	-
Waste treatment and disposal .....	-	-	-	-	5	-	-	-	7	-
Solid waste landfill .....	-	-	-	-	3	-	-	-	5	-
Remediation and other waste management services .....	-	-	-	-	-	-	-	-	7	-
Remediation and other waste management services .....	-	-	-	-	-	-	-	-	7	-
All other waste management services .....	-	-	-	-	-	-	-	-	5	-
All other waste management services .....	-	-	-	-	-	-	-	-	5	-
Septic tank and related services .....	-	-	-	-	-	-	-	-	4	-
Septic tank and related services .....	-	-	-	-	-	-	-	-	4	-
<b>Educational and health services</b> .....	-	30	-	-	-	-	-	-	-	-
Educational and health services .....	-	30	-	-	-	-	-	-	-	-
<b>Educational services</b> .....	-	22	-	-	-	-	-	-	-	-
Educational services .....	-	22	-	-	-	-	-	-	-	-
Educational services .....	-	22	-	-	-	-	-	-	-	-
Technical and trade schools .....	-	20	-	-	-	-	-	-	-	-
Technical and trade schools .....	-	20	-	-	-	-	-	-	-	-
Technical and trade schools .....	-	20	-	-	-	-	-	-	-	-
Flight training .....	-	20	-	-	-	-	-	-	-	-
Flight training .....	-	20	-	-	-	-	-	-	-	-
<b>Health care and social assistance</b> .....	-	8	-	-	-	-	-	-	-	-
Health care and social assistance .....	-	8	-	-	-	-	-	-	-	-
Health care and social assistance .....	-	8	-	-	-	-	-	-	-	-
Ambulatory health care services .....	-	8	-	-	-	-	-	-	-	-
Ambulatory health care services .....	-	8	-	-	-	-	-	-	-	-
Other ambulatory health care services .....	-	8	-	-	-	-	-	-	-	-
Other ambulatory health care services .....	-	8	-	-	-	-	-	-	-	-
Ambulance services .....	-	8	-	-	-	-	-	-	-	-
Ambulance services .....	-	8	-	-	-	-	-	-	-	-
<b>Leisure and hospitality</b> .....	-	7	-	-	-	-	-	-	23	-
Leisure and hospitality .....	-	7	-	-	-	-	-	-	23	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup> (NAICS) - continued</b>										
<b>Arts, entertainment, and recreation</b> .....	-	7	-	-	-	-	-	-	-	-
Performing arts, spectator sports, and related industries .....	-	7	-	-	-	-	-	-	-	-
<b>Accommodation and food services</b> .....	-	-	-	-	-	-	-	-	23	-
Food services and drinking places .....	-	-	-	-	-	-	-	-	23	-
Limited-service eating places .....	-	-	-	-	-	-	-	-	19	-
Limited-service eating places .....	-	-	-	-	-	-	-	-	19	-
Limited-service restaurants .....	-	-	-	-	-	-	-	-	17	-
<b>Other services, except public administration</b> .....	-	-	-	-	-	-	-	-	11	-
<b>Other services, except public administration</b> .....	-	-	-	-	-	-	-	-	11	-
Repair and maintenance .....	-	-	-	-	-	-	-	-	5	-
Automotive repair and maintenance .....	-	-	-	-	-	-	-	-	5	-
Automotive mechanical and electrical repair and maintenance .....	-	-	-	-	-	-	-	-	5	-
General automotive repair .....	-	-	-	-	-	-	-	-	5	-
Personal and laundry services .....	-	-	-	-	-	-	-	-	5	-
Drycleaning and laundry services .....	-	-	-	-	-	-	-	-	5	-
Linen and uniform supply .....	-	-	-	-	-	-	-	-	3	-

See footnotes at end of table.

TABLE D-1. Fatal occupational injuries by occupations with the highest fatality rates by selected characteristics, 2004 — Continued

Characteristics	Occupation <sup>1</sup>									
	Logging workers	Aircraft pilots and flight engineers	Fishers and related fishing workers	Structural iron and steel workers	Refuse and recyclable material collectors	Farmers and ranchers	Roofers	Electrical powerline installers and repairers	Driver/sales workers and truck drivers	Taxi drivers and chauffeurs
<b>Industry<sup>17</sup> (NAICS) - continued</b>										
<b>Government<sup>19</sup></b> .....	-	4	-	-	9	-	-	5	14	-
<b>Local government</b> .....	-	-	-	-	9	-	-	4	11	-
<b>Goods-producing</b> .....	-	-	-	-	-	-	-	-	5	-
<b>Construction</b> .....	-	-	-	-	-	-	-	-	5	-
<b>Construction</b> .....	-	-	-	-	-	-	-	-	5	-
Heavy and civil engineering construction .....	-	-	-	-	-	-	-	-	5	-
Highway, street, and bridge construction .....	-	-	-	-	-	-	-	-	5	-
Highway, street, and bridge construction .....	-	-	-	-	-	-	-	-	5	-
<b>Service-providing</b> .....	-	-	-	-	9	-	-	4	6	-
<b>Trade, transportation, and utilities</b> .....	-	-	-	-	-	-	-	4	-	-
<b>Utilities</b> .....	-	-	-	-	-	-	-	4	-	-
Utilities .....	-	-	-	-	-	-	-	4	-	-
Electric power generation, transmission and distribution .....	-	-	-	-	-	-	-	4	-	-
<b>Professional and business services</b> .....	-	-	-	-	7	-	-	-	-	-
<b>Administrative and waste services</b> .....	-	-	-	-	7	-	-	-	-	-
Waste management and remediation services .....	-	-	-	-	6	-	-	-	-	-
Waste collection .....	-	-	-	-	5	-	-	-	-	-
Waste collection .....	-	-	-	-	5	-	-	-	-	-
Solid waste collection .....	-	-	-	-	5	-	-	-	-	-

<sup>1</sup> Based on the 2000 Standard Occupational Classification system.  
<sup>2</sup> The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers based on Current Population Survey and Department of Defense figures. Fatalities to workers under the age of 16 years were not included in the rate calculations to maintain consistency with CPS employment figures.  
<sup>3</sup> May include volunteers and workers receiving other types of compensation.  
<sup>4</sup> Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.  
<sup>5</sup> Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.  
<sup>6</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.  
<sup>7</sup> The primary source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury. For most transportation incidents, the primary source identifies the vehicle in which the deceased was an occupant. For most falls, the primary source identifies the surface or object contacted.  
<sup>8</sup> The secondary source of injury, if any, identifies the object, substance, or person that generated the source of injury or that contributed to the event or exposure. For vehicle collisions, the deceased's vehicle is the primary source and the other object (truck, road divider, etc.) is the secondary source. For most homicides, the "bullet" is the primary source and the "perpetrator" is the secondary source. For most falls, the secondary source identifies the equipment or surface from which the worker fell.  
<sup>9</sup> The category "Robber" was instituted beginning with 1997 data, which was partial year reporting.  
<sup>10</sup> May include some asphyxiations due to chest compressions.  
<sup>11</sup> Includes, but is not limited to, walking, sitting, running, and climbing ladders or stairs.  
<sup>12</sup> The road construction location category was implemented in 1995. Includes road construction workers and vehicle occupants fatally injured in work zones. Work zones include construction, maintenance, and utility work on a road, street, or highway.  
<sup>13</sup> Primarily includes outdoor areas such as bodies of water, woods, noncultivated fields, and parking lots.  
<sup>14</sup> Includes buildings and adjacent grounds used by the general public or a particular group, such as hotels, restaurants, stores, office buildings, courthouses, and schools.  
<sup>15</sup> Private residence fatalities primarily occurred to repair or maintenance workers, police while on duty, firefighters, or residential construction workers.  
<sup>16</sup> The residential construction location category was implemented in 1998.  
<sup>17</sup> Based on the North American Industry Classification System, 2002.  
<sup>18</sup> Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.  
<sup>19</sup> Includes fatalities to workers employed by governmental organizations regardless of industry.  
NOTE: Totals for 2004 are revised and final. Totals for major categories may include subcategories not shown separately. 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