

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
Total .....	219	277	728
<b>State of incident</b>			
Alabama .....	6	9	14
Arizona .....	—	6	10
Arkansas .....	—	5	9
California .....	17	16	67
Colorado .....	8	6	14
Connecticut .....	—	—	3
Florida .....	25	11	56
Georgia .....	7	11	17
Hawaii .....	3	—	—
Illinois .....	6	7	22
Indiana .....	—	8	13
Iowa .....	—	7	10
Kansas .....	—	8	4
Kentucky .....	3	7	17
Louisiana .....	5	10	14
Maryland .....	3	5	26
Massachusetts .....	—	—	17
Michigan .....	14	4	15
Minnesota .....	3	3	9
Mississippi .....	—	8	17
Missouri .....	5	12	25
Montana .....	—	—	4
Nebraska .....	—	4	4
Nevada .....	3	3	12
New Hampshire .....	—	—	3
New Jersey .....	6	—	9
New Mexico .....	—	5	7
New York (including N.Y.C.) .....	11	5	48
New York City .....	9	—	33
North Carolina .....	11	4	17
Ohio .....	6	8	22
Oklahoma .....	5	6	6
Oregon .....	—	3	6
Pennsylvania .....	14	6	30
South Carolina .....	5	6	11
South Dakota .....	—	—	3
Tennessee .....	4	—	15
Texas .....	13	40	81
Utah .....	—	—	10
Vermont .....	—	—	3
Virginia .....	—	7	20
Washington .....	5	9	10
West Virginia .....	6	4	4
Wisconsin .....	3	6	8
<b>Employee status</b>			
Wage and salary workers <sup>1</sup> .....	189	260	590
Self-employed <sup>2</sup> .....	30	17	138
<b>Sex</b>			
Men .....	218	269	722
Women .....	—	8	6
<b>Age</b>			
18 to 19 years .....	8	9	14

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Age - continued</b>			
20 to 24 years .....	22	20	70
25 to 34 years .....	51	61	164
35 to 44 years .....	46	58	177
45 to 54 years .....	49	58	170
55 to 64 years .....	29	49	100
65 and over .....	11	20	30
<b>Race or ethnic origin<sup>3</sup></b>			
White .....	135	195	451
Black or African American .....	17	22	46
Hispanic or Latino .....	62	50	222
American Indian or Alaskan Native .....	—	6	—
Asian, Native Hawaiian or Pacific Islander .....	—	—	5
Other races or not reported .....	—	—	3
<b>Event or exposure<sup>4</sup></b>			
<b>Transportation incidents</b> .....	<b>44</b>	<b>165</b>	<b>135</b>
Highway .....	22	48	80
Collision between vehicles, mobile equipment .....	10	25	32
Moving in same direction .....	—	5	7
Moving in opposite directions, oncoming .....	3	8	14
Moving in intersection .....	5	7	7
Vehicle struck stationary object or equipment on side of road ....	4	4	16
Noncollision .....	7	15	30
Jack-knifed or overturned--no collision .....	6	12	25
Nonhighway (farm, industrial premises) .....	9	24	25
Vehicle, mobile equipment struck stationary object .....	—	4	—
Noncollision accident .....	7	20	23
Fall from moving vehicle, mobile equipment .....	—	3	5
Fell from and struck by vehicle, mobile equipment .....	4	6	3
Overturned .....	3	7	15
Pedestrian struck by vehicle, mobile equipment .....	8	76	25
Pedestrian struck by vehicle, mobile equipment in roadway .....	—	42	5
Pedestrian struck by vehicle, mobile equipment on side of road .....	—	22	—
Pedestrian struck by vehicle, mobile equipment in parking lot or non-road area .....	6	12	18
Water vehicle .....	—	8	—
Explosion, fire, n.e.c. ....	—	5	—
Railway .....	—	8	3
Collision between railway vehicle and other vehicle .....	—	8	3
<b>Assaults and violent acts</b> .....	<b>14</b>	<b>3</b>	<b>22</b>
Homicides .....	7	—	10
Shooting .....	3	—	8
Suicide, self-inflicted injury .....	7	—	12
<b>Contact with objects and equipment</b> .....	<b>36</b>	<b>53</b>	<b>124</b>
Struck by object or equipment .....	19	31	66
Struck by falling object or equipment .....	13	21	48
Struck by flying object .....	4	—	9
Struck by dislodged flying object .....	—	—	6
Struck by swinging or slipping object .....	—	—	4
Struck by rolling, sliding objects or equipment on floor or ground level .....	—	4	3
Caught in or compressed by equipment or objects .....	3	13	30
Caught in running equipment or machinery .....	—	3	10
Compressed or pinched by rolling, sliding, or shifting objects ....	—	4	—
Caught in or crushed in collapsing materials .....	14	9	27
Excavation or trenching cave-in .....	—	8	11
Caught in or crushed in collapsing structure .....	11	—	15
<b>Falls</b> .....	<b>99</b>	<b>24</b>	<b>290</b>

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Event or exposure<sup>4</sup> - continued</b>			
Fall to lower level .....	97	21	286
Fall from floor, dock, or ground level .....	12	3	18
Fall through existing floor opening .....	9	—	9
Fall through floor surface .....	—	—	3
Fall from ladder .....	14	3	44
Fall from roof .....	38	—	107
Fall through existing roof opening .....	4	—	5
Fall through roof surface .....	—	—	9
Fall through skylight .....	5	—	17
Fall from roof edge .....	14	—	57
Fall from scaffold, staging .....	10	—	55
Fall from building girders or other structural steel .....	4	3	17
Fall from nonmoving vehicle .....	4	—	16
Fall to lower level, n.e.c. ....	11	9	27
<b>Exposure to harmful substances or environments</b> .....	21	25	136
Contact with electric current .....	12	15	95
Contact with electric current of machine, tool, appliance, light fixture .....	—	—	14
Contact with wiring, transformers, or other electrical component .....	3	3	42
Contact with overhead power lines .....	7	12	35
Struck by lightning .....	—	—	3
Contact with temperature extremes .....	3	—	12
Exposure to environmental heat .....	3	—	10
Exposure to caustic, noxious, or allergenic substances .....	5	7	20
Inhalation of substance .....	3	6	9
Inhalation in enclosed, restricted, or confined space <sup>5</sup> .....	—	4	—
Inhalation in open or nonconfined space .....	3	—	8
Injections, stings, venomous bites .....	—	—	3
Ingestion of substance .....	—	—	7
Oxygen deficiency .....	—	—	8
Drowning, submersion .....	—	—	6
<b>Fires and explosions</b> .....	5	7	19
Fires--unintended or uncontrolled .....	—	3	13
Fire in residence, building, or other structure .....	—	—	9
Explosion .....	—	4	6
Explosion of pressure vessel or piping .....	—	4	4
<b>Primary source<sup>6</sup></b>			
<b>Vehicles</b> .....	36	138	117
Highway vehicle, motorized .....	25	121	110
Automobile .....	—	18	8
Truck .....	20	98	90
Dump truck .....	—	34	17
Pickup truck .....	11	32	31
Semitrailer, tractor trailer, trailer truck .....	3	13	11
Van--passenger or light delivery .....	—	—	10
Plant and industrial powered vehicles, tractors .....	5	8	5
Forklift .....	—	—	4
Tractor .....	—	6	—
Water vehicle .....	—	8	—
Barge .....	—	6	—
<b>Structures and surfaces</b> .....	110	28	303
Floors, walkways, ground surfaces .....	96	26	268
Floors .....	32	5	75
Ground .....	40	13	138
Sidewalks, paths, outdoor walkways .....	7	—	20
Street, road .....	4	3	11
Surfaces below ground level, n.e.c. ....	—	5	5
Ditches, channels, trenches, excavations .....	—	3	4
Parking lots .....	—	—	6
Other floors, walkways, ground surfaces .....	—	—	5

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Primary source<sup>6</sup> - continued</b>			
Floors, walkways, ground surfaces, n.e.c. ....	—	—	4
Other structural elements .....	10	—	22
Roof .....	—	—	3
Walls .....	8	—	9
Structures .....	—	—	13
Buildings--office, plant, residential .....	—	—	7
Scaffolds, staging .....	—	—	3
<b>Machinery</b> .....	11	61	81
Construction, logging, and mining machinery .....	9	49	46
Excavating machinery .....	4	20	28
Backhoes .....	—	11	13
Bulldozers .....	—	5	9
Loaders .....	—	4	5
Front end loaders .....	—	—	3
Logging and wood processing machinery--specialized .....	—	—	3
Mining and drilling machinery .....	—	4	—
Drilling machines, drilling augers .....	—	4	—
Road grading and surfacing machinery .....	3	15	8
Graders, levellers, planers, scrapers .....	—	8	—
Steam rollers, road pavers .....	—	5	5
Heating, cooling, and cleaning machinery and appliances .....	—	—	4
Cooling and humidifying machinery and appliances .....	—	—	4
Material handling (cranes, conveyers, jacks) .....	—	10	25
Cranes .....	—	8	4
Cranes--mobile, truck, rail mounted .....	—	3	3
Elevators, aerial lifts .....	—	—	18
Bucket or basket hoist--truck mounted .....	—	—	6
Elevators--electric .....	—	—	3
Manlifts .....	—	—	7
Metal, woodworking, and special material machinery .....	—	—	3
<b>Parts and materials</b> .....	25	22	93
Building materials--solid elements .....	13	10	36
Bricks, blocks, structural stone .....	3	—	10
Structural stones or slabs, n.e.c. ....	—	—	6
Pipes, ducts, tubing .....	—	7	6
Structural metal materials .....	4	—	11
Bars, rods, reinforcing bar (rebar) .....	—	—	3
Plates, metal panels .....	—	—	3
Wood, lumber .....	5	—	3
Other building materials--solid elements .....	—	—	5
Fasteners, connectors, ropes, ties .....	5	—	6
Fasteners .....	3	—	—
Ropes, ties, chains .....	—	—	5
Machine, tool, and electrical parts .....	7	10	45
Electric parts .....	7	7	43
Electrical wiring .....	—	—	25
Power lines, transformers, convertors .....	5	5	9
Switchboards, switches, fuses .....	—	—	7
Vehicle and mobile equipment parts .....	—	—	3
<b>Persons, plants, animals, and minerals</b> .....	4	8	12
Nonmetallic minerals, except fuel .....	—	5	9
Dirt, earth .....	—	4	8
<b>Chemicals and chemical products</b> .....	10	8	20
Halogens and halogen compounds .....	—	—	3
Chemical products--general .....	3	—	12
Drugs, alcohol, medicines .....	—	—	11
Other chemicals .....	4	5	5
Oxygen and oxygen compounds, n.e.c. ....	4	—	4
Carbon monoxide .....	4	—	4
<b>Tools, instruments, and equipment</b> .....	8	—	25
Handtools--nonpowered .....	—	—	8

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Primary source<sup>6</sup> - continued</b>			
Handtools--powered .....	3	—	7
Cutting handtools .....	3	—	4
Ladders .....	—	—	10
Ladders--movable .....	—	—	9
Extension ladders .....	—	—	4
<b>Containers</b> .....	—	—	13
Containers-nonpressurized .....	—	—	8
Boxes, crates, cartons .....	—	—	3
Tanks, bins, vats .....	—	—	4
Containers-pressurized .....	—	—	4
<b>Other</b> .....	15	9	64
Furniture and fixtures .....	—	—	7
Other fixtures .....	—	—	5
Ammunition .....	4	—	16
Bullets .....	4	—	15
Atmospheric and environmental conditions .....	7	5	28
Fire, flame, smoke .....	—	3	13
Fire, flame .....	—	—	12
Temperature extreme .....	3	—	10
Heat--environmental .....	3	—	10
Weather and atmospheric conditions .....	—	—	3
Lightning .....	—	—	3
Steam, vapors, liquids .....	—	—	8
Liquids .....	—	—	7
Water .....	—	—	7
<b>Secondary source<sup>7</sup></b>			
<b>Vehicles</b> .....	18	48	57
Highway vehicle, motorized .....	14	39	43
Automobile .....	3	6	7
Truck .....	9	31	31
Dump truck .....	—	5	7
Pickup truck .....	—	8	4
Semitrailer, tractor trailer, trailer truck .....	5	10	13
Plant and industrial powered vehicles, tractors .....	4	—	7
Forklift .....	4	—	6
Platform lift truck--high or low lift .....	3	—	—
Rail vehicle .....	—	8	3
Train .....	—	8	3
<b>Structures and surfaces</b> .....	74	38	222
Floors, walkways, ground surfaces .....	14	12	24
Floors .....	11	—	13
Ground .....	3	5	3
Surfaces below ground level, n.e.c. ....	—	5	3
Ditches, channels, trenches, excavations .....	—	5	—
Other structural elements .....	48	—	117
Doors .....	—	—	4
Fences, fence panels .....	—	—	3
Roof .....	29	—	75
Walls .....	4	—	9
Structures .....	12	23	81
Bridges, dams, locks .....	—	4	—
Buildings--office, plant, residential .....	—	—	4
Mines, caves, tunnels .....	—	4	5
Scaffolds, staging .....	9	—	51
Towers, poles .....	—	8	7
Other structures .....	—	4	8
Guardrails, road dividers .....	—	—	5
<b>Machinery</b> .....	8	22	47
Construction, logging, and mining machinery .....	—	12	11

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Secondary source<sup>7</sup> - continued</b>			
Excavating machinery .....	—	6	5
Backhoes .....	—	—	3
Loaders .....	—	3	4
Heating, cooling, and cleaning machinery and appliances .....	—	—	5
Material handling (cranes, conveyers, jacks) .....	7	9	28
Cranes .....	—	7	7
Cranes--mobile, truck, rail mounted .....	—	3	3
Elevators, aerial lifts .....	3	—	16
Bucket or basket hoist--truck mounted .....	—	—	6
Manlifts .....	—	—	8
<b>Parts and materials</b> .....	23	21	84
Building materials--solid elements .....	11	3	23
Structural metal materials .....	5	—	10
Wood, lumber .....	5	—	6
Other building materials--solid elements .....	—	—	3
Fasteners, connectors, ropes, ties .....	—	6	4
Ropes, ties, chains .....	—	6	3
Machine, tool, and electrical parts .....	10	11	47
Electric parts .....	9	11	46
Electrical wiring .....	—	—	8
Power lines, transformers, convertors .....	6	9	31
Switchboards, switches, fuses .....	—	—	3
Vehicle and mobile equipment parts .....	—	—	7
Tires, inner tubes, wheels .....	—	—	4
Trailers .....	—	—	3
<b>Persons, plants, animals, and minerals</b> .....	10	6	21
Person--other than injured or ill worker .....	6	—	11
Co-worker, former co-worker or injured worker .....	—	—	4
Robber <sup>8</sup> .....	3	—	—
Plants, trees, vegetation--not processed .....	3	3	8
Trees, logs .....	3	3	8
<b>Chemicals and chemical products</b> .....	—	—	14
Chemical products--general .....	—	—	8
Solvents, degreasers, n.e.c. ....	—	—	5
Coal, natural gas, petroleum fuels and products .....	—	—	4
Petroleum fuels, distillates, products, unspecified .....	—	—	3
<b>Tools, instruments, and equipment</b> .....	17	—	52
Handtools--powered .....	4	—	—
Ladders .....	12	—	44
Ladders--movable .....	7	—	28
Extension ladders .....	4	—	8
Step ladders .....	—	—	5
Other tools .....	—	—	4
Firearms .....	—	—	4
<b>Containers</b> .....	—	5	11
Containers-nonpressurized .....	—	—	8
Tanks, bins, vats .....	—	—	5
Containers-pressurized .....	—	5	—
Pressure lines, except hoses .....	—	5	—
<b>Other</b> .....	8	7	14
Atmospheric and environmental conditions .....	6	4	9
Weather and atmospheric conditions .....	6	3	9
High winds, gusts .....	3	—	5
<b>Not reported</b> .....	57	128	206
<b>Nature<sup>4</sup></b>			
<b>Traumatic injuries to bones, nerves, spinal cord</b> .....	5	7	15

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Nature<sup>4</sup> - continued</b>			
Fractures .....	—	—	4
Multiple traumatic injuries to bones, nerves, spinal cord .....	5	7	9
<b>Open wounds</b> .....	9	4	24
Gunshot wounds .....	4	—	16
Punctures, except bites .....	3	—	6
<b>Burns</b> .....	5	—	16
Heat burns, scalds .....	5	—	13
<b>Intracranial injuries</b> .....	61	44	181
Cerebral hemorrhages .....	—	—	5
Multiple intracranial injuries .....	33	25	114
<b>Effects of environmental conditions</b> .....	3	—	10
Effects of heat and light .....	3	—	10
Heat stroke .....	3	—	9
<b>Multiple traumatic injuries and disorders</b> .....	82	135	260
Burns and other injuries .....	—	8	9
Intracranial injuries and injuries to internal organs .....	22	32	67
Other combinations of traumatic injuries .....	4	20	60
<b>Other traumatic injuries and disorders</b> .....	54	81	217
Asphyxiations/strangulations, suffocations <sup>9</sup> .....	9	10	31
Drownings .....	3	10	9
Electrocutions, electric shocks .....	12	16	92
Internal injuries to organs and blood vessels of the trunk .....	23	35	63
Other poisonings and toxic effects .....	7	10	21
Other poisonings and toxic effects, n.e.c. ....	7	9	19
<b>Part of body<sup>4</sup></b>			
<b>Head</b> .....	65	46	192
Cranial region, including skull .....	61	44	183
Brain .....	61	44	182
<b>Neck, including throat</b> .....	4	4	12
Neck, except internal location of diseases or disorders .....	4	4	12
<b>Trunk</b> .....	31	41	76
Chest, including ribs, internal organs .....	16	19	30
Back, including spine, spinal cord .....	—	—	8
Abdomen .....	—	—	3
Multiple trunk locations .....	9	17	31
<b>Lower extremities</b> .....	—	—	4
<b>Body systems</b> .....	32	45	161
<b>Multiple body parts</b> .....	87	139	281
<b>Worker activity</b>			
<b>Vehicular and transportation operations</b> .....	45	151	136
Driving, operating .....	26	72	89
Automobile .....	—	4	3
Truck .....	11	36	49
Industrial or construction vehicle .....	9	26	25
Riding in, on .....	12	14	23
Truck .....	6	7	16
Boat .....	—	6	—
Boarding, alighting .....	3	4	5
Resurfacing, blacktopping, etc. ....	—	8	—

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Worker activity - continued</b>			
Directing, flagging traffic .....	—	13	3
Walking in or near roadway, etc., n.e.c. ....	4	37	14
Vehicular and transportation operations, n.e.c. ....	—	3	—
Driving, operating farm vehicle .....	—	3	—
<b>Using or operating tools, machinery</b> .....	12	18	46
Operating heavy equipment .....	—	9	17
Crane .....	—	—	5
Earth moving machinery .....	—	4	—
Materials handling machinery .....	—	—	3
Operating machinery .....	—	3	7
Using power tools .....	4	—	8
Using nonpowered hand tools .....	—	4	6
Welding .....	—	—	8
<b>Constructing, repairing, cleaning</b> .....	129	73	439
Construction, assembling, dismantling .....	97	36	272
Constructing, assembling .....	52	11	64
Installing .....	25	12	115
Dismantling, removing .....	5	7	46
Repair, maintenance .....	11	21	90
Repairing .....	3	9	48
Maintenance .....	—	6	5
Adjusting .....	—	—	6
Unjamming .....	—	—	4
Inspecting or checking .....	4	7	17
Cleaning, washing .....	7	3	9
Painting, etc. ....	5	—	32
<b>Materials handling operations</b> .....	11	9	49
Lifting materials .....	—	—	3
Carrying materials .....	—	—	7
Loading, unloading (packing, unpacking) materials .....	5	5	18
Working with chemicals (except cleaning) .....	—	—	3
Retrieving objects .....	—	—	5
Materials handling, n.e.c. ....	3	—	11
<b>Physical activity<sup>10</sup>, n.e.c.</b> .....	11	18	33
<b>All other activities</b> .....	9	6	24
Office work .....	—	3	4
Activity, n.e.c. ....	6	—	20
<b>Location</b>			
<b>Street or highway</b> .....	25	168	107
Street and highway, unspecified .....	—	5	3
Interstate, freeway, or expressway .....	4	9	18
Other highway (State or U.S.) .....	12	23	39
Local road or street .....	8	33	34
Road construction <sup>11</sup> .....	—	98	8
<b>Industrial place or premise</b> .....	78	57	325
Industrial place and premises, unspecified .....	—	—	8
Warehouse .....	—	—	12
Construction site .....	71	36	251
Factory, plant .....	—	5	22
Industrial place or premises, nec .....	4	11	21
<b>Other specified place<sup>12</sup></b> .....	4	27	22
Parking lot, garage (employer's premises) .....	—	—	7
Parking lot, garage (except employer's premises) .....	—	—	3
River .....	3	11	5
Woods .....	—	3	—

See footnotes at end of table.



**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Location - continued</b>			
<b>Public building</b> <sup>13</sup> .....	6	3	58
Hotel, motel .....	—	—	4
Office building .....	3	—	18
Shop, commercial store .....	—	—	7
School (State, public, private) .....	—	—	11
<b>Farm</b> .....	—	5	5
Farm land under cultivation, fields, meadows .....	—	3	—
<b>Private residence</b> <sup>14</sup> .....	100	13	194
Apartment .....	—	—	6
Residential construction <sup>15</sup> .....	93	8	155
<b>Mine, quarry</b> .....	—	3	6
<b>Place for recreation and sport</b> .....	—	—	5
Recreational and sports areas .....	—	—	5
<b>Unspecified place</b> .....	—	—	4
<b>Occupation<sup>16</sup> (SOC)</b>			
<b>Management occupations</b> .....	11	12	35
Other management occupations .....	11	11	35
Construction managers .....	11	11	35
Construction managers .....	11	11	35
<b>Architecture and engineering occupations</b> .....	3	4	3
<b>Protective service occupations</b> .....	—	7	—
Other protective service workers .....	—	7	—
Miscellaneous protective service workers .....	—	7	—
Crossing guards .....	—	7	—
<b>Building and grounds cleaning and maintenance occupations</b> ..	—	—	3
<b>Office and administrative support occupations</b> .....	—	—	3
Material recording, scheduling, dispatching, and distributing workers .....	—	—	3
<b>Construction and extraction occupations</b> .....	192	191	582
Supervisors, construction and extraction workers .....	28	19	43
First-line supervisors/managers of construction trades and extraction workers .....	28	19	43
First-line supervisors/managers of construction trades and extraction workers .....	28	19	43
Construction trades workers .....	162	141	515
Brickmasons, blockmasons, and stonemasons .....	—	—	8
Brickmasons and blockmasons .....	—	—	7
Carpenters .....	48	4	49
Carpenters .....	48	4	49
Carpet, floor, and tile installers and finishers .....	—	—	4
Cement masons, concrete finishers, and terrazzo workers .....	—	—	9
Cement masons and concrete finishers .....	—	—	9
Construction laborers .....	90	72	146
Construction laborers .....	90	72	146
Construction equipment operators .....	6	42	33
Paving, surfacing, and tamping equipment operators .....	—	9	—
Operating engineers and other construction equipment operators .....	5	32	30
Drywall installers, ceiling tile installers, and tapers .....	—	—	15
Drywall and ceiling tile installers .....	—	—	15
Electricians .....	—	3	69

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Occupation<sup>16</sup> (SOC) - continued</b>			
Electricians .....	—	3	69
Glaziers .....	—	—	3
Glaziers .....	—	—	3
Insulation workers .....	—	—	5
Insulation workers, floor, ceiling, and wall .....	—	—	5
Painters and paperhangers .....	3	—	44
Painters, construction and maintenance .....	3	—	44
Pipelayers, plumbers, pipefitters, and steamfitters .....	—	12	14
Pipelayers .....	—	6	—
Plumbers, pipefitters, and steamfitters .....	—	6	13
Plasterers and stucco masons .....	—	—	5
Plasterers and stucco masons .....	—	—	5
Roofers .....	3	—	75
Roofers .....	3	—	75
Sheet metal workers .....	—	—	7
Sheet metal workers .....	—	—	7
Structural iron and steel workers .....	3	4	27
Structural iron and steel workers .....	3	4	27
Helpers, construction trades .....	—	—	9
Helpers, construction trades .....	—	—	9
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	—	—	3
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	—	—	3
Other construction and related workers .....	—	20	13
Construction and building inspectors .....	—	3	—
Construction and building inspectors .....	—	3	—
Elevator installers and repairers .....	—	—	6
Elevator installers and repairers .....	—	—	6
Fence erectors .....	—	—	5
Fence erectors .....	—	—	5
Highway maintenance workers .....	—	15	—
Highway maintenance workers .....	—	15	—
Extraction workers .....	—	10	—
Earth drillers, except oil and gas .....	—	10	—
Earth drillers, except oil and gas .....	—	10	—
<b>Installation, maintenance, and repair occupations .....</b>	<b>3</b>	<b>25</b>	<b>42</b>
Supervisors of installation, maintenance, and repair workers .....	—	—	3
First-line supervisors/managers of mechanics, installers, and repairers .....	—	—	3
First-line supervisors/managers of mechanics, installers, and repairers .....	—	—	3
Vehicle and mobile equipment mechanics, installers, and repairers .....	—	9	4
Bus and truck mechanics and diesel engine specialists .....	—	3	—
Bus and truck mechanics and diesel engine specialists .....	—	3	—
Heavy vehicle and mobile equipment service technicians and mechanics .....	—	6	4
Mobile heavy equipment mechanics, except engines .....	—	6	4
Other installation, maintenance, and repair occupations .....	—	13	33
Heating, air conditioning, and refrigeration mechanics and installers .....	—	—	23
Heating, air conditioning, and refrigeration mechanics and installers .....	—	—	23
Line installers and repairers .....	—	12	6
Electrical power-line installers and repairers .....	—	9	4
<b>Production occupations .....</b>	<b>—</b>	<b>5</b>	<b>19</b>
Metal workers and plastic workers .....	—	3	12
Welding, soldering, and brazing workers .....	—	3	11
Welders, cutters, solderers, and brazers .....	—	3	11
<b>Transportation and material moving occupations .....</b>	<b>6</b>	<b>30</b>	<b>39</b>
Motor vehicle operators .....	—	22	28
Driver/sales workers and truck drivers .....	—	21	28
Truck drivers, heavy and tractor-trailer .....	—	19	28

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Occupation<sup>16</sup> (SOC) - continued</b>			
Material moving workers .....	4	6	11
Crane and tower operators .....	—	—	3
Crane and tower operators .....	—	—	3
Dredge, excavating, and loading machine operators .....	—	3	7
Excavating and loading machine and dragline operators .....	—	—	7
<b>Industry<sup>17</sup> (NAICS)</b>			
<b>Private industry</b> .....	219	224	724
<b>Goods-producing</b> .....	219	224	724
<b>Construction</b> .....	219	224	724
<b>Construction</b> .....	219	224	724
Construction of buildings .....	219	—	—
Residential building construction .....	132	—	—
Residential building construction .....	132	—	—
New single-family housing construction (except operative builders) .....	48	—	—
New multi-family housing construction (except operative builders) .....	16	—	—
New housing operative builders .....	3	—	—
Residential remodelers .....	37	—	—
Nonresidential building construction .....	69	—	—
Industrial building construction .....	12	—	—
Commercial and institutional building construction .....	49	—	—
Heavy and civil engineering construction .....	—	224	—
Utility system construction .....	—	103	—
Water and sewer line and related structures construction .....	—	52	—
Oil and gas pipeline and related structures construction .....	—	22	—
Power and communication line and related structures construction .....	—	29	—
Highway, street, and bridge construction .....	—	106	—
Highway, street, and bridge construction .....	—	106	—
Other heavy and civil engineering construction .....	—	12	—
Other heavy and civil engineering construction .....	—	12	—
Specialty trade contractors .....	—	—	724
Foundation, structure, and building exterior contractors .....	—	—	271
Poured concrete foundation and structure contractors .....	—	—	39
Residential concrete foundation and structure contractors .....	—	—	11
Nonresidential concrete foundation and structure contractors .....	—	—	6
Structural steel and precast concrete contractors .....	—	—	33
Nonresidential structural steel and precast concrete contractors .....	—	—	16
Framing contractors .....	—	—	25
Residential framing contractors .....	—	—	12
Masonry contractors .....	—	—	32
Residential masonry contractors .....	—	—	6
Nonresidential masonry contractors .....	—	—	7
Glass and glazing contractors .....	—	—	5
Roofing contractors .....	—	—	100
Residential roofing contractors .....	—	—	27
Nonresidential roofing contractors .....	—	—	19
Siding contractors .....	—	—	14
Residential siding contractors .....	—	—	8
Other foundation, structure, and building exterior contractors .....	—	—	20
Residential other foundation, structure, and building exterior contractors .....	—	—	3
Building equipment contractors .....	—	—	154
Electrical contractors .....	—	—	87
Residential electrical contractors .....	—	—	10
Nonresidential electrical contractors .....	—	—	33

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Industry<sup>17</sup></b>			
<b>(NAICS) - continued</b>			
Plumbing, heating, and air-conditioning contractors .....	—	—	56
Residential plumbing, heating, and air-conditioning contractors .....	—	—	10
Nonresidential plumbing, heating, and air-conditioning contractors .....	—	—	12
Other building equipment contractors .....	—	—	11
Nonresidential other building equipment contractors .....	—	—	5
Building finishing contractors .....	—	—	128
Drywall and insulation contractors .....	—	—	31
Residential drywall and insulation contractors .....	—	—	6
Nonresidential drywall and insulation contractors .....	—	—	8
Painting and wall covering contractors .....	—	—	47
Residential painting and wall covering contractors .....	—	—	10
Nonresidential painting and wall covering contractors .....	—	—	10
Flooring contractors .....	—	—	6
Tile and terrazzo contractors .....	—	—	8
Finish carpentry contractors .....	—	—	24
Residential finish carpentry contractors .....	—	—	7
Nonresidential finish carpentry contractors .....	—	—	4
Other building finishing contractors .....	—	—	11
Residential other building finishing contractors .....	—	—	5
Nonresidential other building finishing contractors .....	—	—	3
Other specialty trade contractors .....	—	—	156
Site preparation contractors .....	—	—	116
Residential site preparation contractors .....	—	—	18
Nonresidential site preparation contractors .....	—	—	38
All other specialty trade contractors .....	—	—	40
Residential all other specialty trade contractors .....	—	—	6
Nonresidential all other specialty trade contractors .....	—	—	11
<b>Government<sup>18</sup></b> .....	—	53	4
<b>State government</b> .....	—	25	—
<b>Goods-producing</b> .....	—	25	—
<b>Construction</b> .....	—	25	—
<b>Construction</b> .....	—	25	—
Heavy and civil engineering construction .....	—	25	—
Highway, street, and bridge construction .....	—	25	—
Highway, street, and bridge construction .....	—	25	—

See footnotes at end of table.

**TABLE E-1. Fatal occupational injuries to workers in construction industry subsectors by selected characteristics, 2006 — Continued**

Characteristics	Construction of buildings	Heavy and Civil Engineering Construction	Specialty Trade Contractors
<b>Industry<sup>17</sup> (NAICS) - continued</b>			
Local government .....	-	27	-
<b>Goods-producing</b> .....	-	27	-
<b>Construction</b> .....	-	27	-
<b>Construction</b> .....	-	27	-
Heavy and civil engineering construction .....	-	27	-
Utility system construction .....	-	3	-
Water and sewer line and related structures construction .....	-	3	-
Highway, street, and bridge construction .....	-	23	-
Highway, street, and bridge construction .....	-	23	-

<sup>1</sup> May include volunteers and workers receiving other types of compensation.  
<sup>2</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>3</sup> Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.  
<sup>4</sup> Based on the BLS Occupational Injury and Illness Classification Manual.  
<sup>5</sup> May include fatalities that occurred in structures that do not meet the definition of permit-required confined spaces as defined by Occupational Safety and Health Administration regulations. Excludes fatalities from trench cave-ins and from being caught in collapsing materials.  
<sup>6</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>7</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>8</sup> The category "Robber" was instituted beginning with 1997 data, which was partial year reporting.  
<sup>9</sup> May include some asphyxiations due to chest compressions.  
<sup>10</sup> Includes, but is not limited to, walking, sitting, running, and climbing ladders or stairs.  
<sup>11</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>12</sup> Primarily includes outdoor areas such as bodies of water, woods, noncultivated fields, and parking lots.  
<sup>13</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>14</sup> Private residence fatalities primarily occurred to repair or maintenance workers, police while on duty, firefighters, or residential construction workers.  
<sup>15</sup> The residential construction location category was implemented in 1998.  
<sup>16</sup> Based on the 2000 Standard Occupational Classification system.  
<sup>17</sup> Based on the North American Industry Classification System, 2002.  
<sup>18</sup> Includes fatalities to workers employed by governmental organizations regardless of industry.  
NOTE: Totals for 2006 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