

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Total	827	185	132	91	77	52
State of incident						
Alabama	14	5	-	-	-	-
Arizona	15	5	-	-	-	-
Arkansas	12	3	-	-	-	-
California	98	17	12	11	11	5
Colorado	13	4	-	-	-	-
Connecticut	4	-	-	-	-	-
Florida	65	19	4	9	4	4
Georgia	33	7	4	3	3	-
Idaho	3	-	-	-	-	-
Illinois	32	-	8	-	6	-
Indiana	19	4	-	-	5	3
Iowa	11	-	-	-	-	-
Kansas	12	-	-	-	-	-
Kentucky	13	4	-	-	-	-
Louisiana	12	4	-	3	-	-
Maryland	22	7	4	-	-	3
Massachusetts	16	4	-	4	-	3
Michigan	21	8	7	-	-	-
Minnesota	9	-	-	-	-	-
Mississippi	9	4	-	-	-	-
Missouri	23	-	5	3	3	-
Montana	4	-	-	-	-	-
Nebraska	7	-	-	-	-	-
Nevada	10	4	-	-	-	-
New Jersey	13	3	3	-	-	-
New Mexico	9	-	3	-	-	-
New York (including N.Y.C.)	46	7	10	9	-	3
New York City	34	6	8	8	-	-
North Carolina	25	7	9	3	-	-
North Dakota	5	-	-	-	-	-
Ohio	22	5	-	4	5	-
Oklahoma	8	3	-	-	-	-
Oregon	9	-	-	-	-	-
Pennsylvania	37	10	5	3	4	-
Rhode Island	3	-	-	-	-	-
South Carolina	20	10	-	-	-	-
Tennessee	14	5	-	-	-	-
Texas	60	9	13	6	4	5
Utah	7	-	-	-	-	-
Virginia	18	-	5	-	4	-
Washington	19	5	3	-	-	-
West Virginia	7	3	-	-	-	-
Wisconsin	15	5	3	-	-	-
Employee status						
Wage and salary workers ¹	683	153	84	81	69	51
Self-employed ²	144	32	48	10	8	-
Sex						
Men	788	184	129	91	75	35
Women	39	-	3	-	-	17
Age						
18 to 19 years	13	5	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Age - continued						
20 to 24 years	45	11	4	8	5	—
25 to 34 years	122	30	13	23	10	—
35 to 44 years	156	50	22	13	13	7
45 to 54 years	215	43	45	21	21	9
55 to 64 years	165	33	28	17	19	13
65 and over	108	11	20	7	8	23
Race or ethnic origin³						
White	539	118	81	55	56	41
Black or African American	60	11	11	3	—	6
Hispanic or Latino	208	54	37	30	19	3
American Indian or Alaskan Native	3	—	—	—	—	—
Asian, Native Hawaiian or Pacific Islander	12	—	3	—	—	—
Other races or not reported	5	—	—	—	—	—
Event or exposure⁴						
Falls	827	185	132	91	77	52
Fall to lower level	738	185	132	91	77	—
Fall down stairs or steps	21	—	—	—	—	—
Fall from floor, dock, or ground level	52	—	—	—	—	—
Fall through existing floor opening	27	—	—	—	—	—
Fall through floor surface	7	—	—	—	—	—
Fall from loading dock	3	—	—	—	—	—
Fall from ground level to lower level	8	—	—	—	—	—
Fall from ladder	132	—	132	—	—	—
Fall from piled or stacked material	3	—	—	—	—	—
Fall from roof	185	185	—	—	—	—
Fall through existing roof opening	13	13	—	—	—	—
Fall through roof surface	15	15	—	—	—	—
Fall through skylight	37	37	—	—	—	—
Fall from roof edge	83	83	—	—	—	—
Fall from scaffold, staging	91	—	—	91	—	—
Fall from building girders or other structural steel	33	—	—	—	—	—
Fall from nonmoving vehicle	77	—	—	—	77	—
Fall to lower level, n.e.c.	132	—	—	—	—	—
Fall on same level	67	—	—	—	—	52
Fall to floor, walkway, or other surface	52	—	—	—	—	52
Fall onto or against objects	11	—	—	—	—	—
Primary source⁵						
Vehicles	3	—	—	—	—	—
Structures and surfaces	775	176	128	88	73	52
Floors, walkways, ground surfaces	751	172	124	85	71	52
Floors	265	58	46	25	14	35
Ground	321	81	51	39	35	7
Sidewalks, paths, outdoor walkways	40	12	7	6	3	—
Street, road	27	4	5	4	4	—
Surfaces below ground level, n.e.c.	7	—	—	—	—	—
Parking lots	24	—	4	3	10	3
Other floors, walkways, ground surfaces	12	3	—	—	—	—
Floors, walkways, ground surfaces, n.e.c.	9	3	—	—	—	—
Other structural elements	10	3	—	—	—	—
Roof	3	—	—	—	—	—
Structures	8	—	—	—	—	—
Scaffolds, staging	4	—	—	—	—	—
Machinery	7	—	—	—	—	—
Material handling (cranes, conveyers, jacks)	5	—	—	—	—	—
Elevators, aerial lifts	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Primary source⁵ - continued						
Parts and materials	11	3	-	-	-	-
Building materials--solid elements	9	3	-	-	-	-
Bricks, blocks, structural stone	3	-	-	-	-	-
Structural metal materials	3	-	-	-	-	-
Persons, plants, animals, and minerals	3	-	-	-	-	-
Containers	13	-	-	-	-	-
Containers-nonpressurized	12	-	-	-	-	-
Tanks, bins, vats	8	-	-	-	-	-
Other	13	3	-	-	-	-
Furniture and fixtures	6	-	-	-	-	-
Cases, cabinets, racks, and shelves	3	-	-	-	-	-
Steam, vapors, liquids	3	-	-	-	-	-
Liquids	3	-	-	-	-	-
Water	3	-	-	-	-	-
Secondary source⁶						
Vehicles	47	-	-	-	42	-
Highway vehicle, motorized	29	-	-	-	28	-
Truck	28	-	-	-	28	-
Dump truck	3	-	-	-	3	-
Semitrailer, tractor trailer, trailer truck	12	-	-	-	12	-
Plant and industrial powered vehicles, tractors	17	-	-	-	13	-
Forklift	16	-	-	-	12	-
Platform lift truck--high or low lift	4	-	-	-	3	-
Structures and surfaces	385	166	-	83	-	-
Floors, walkways, ground surfaces	62	-	-	3	-	-
Floors	31	-	-	3	-	-
Ground	7	-	-	-	-	-
Other floors, walkways, ground surfaces	7	-	-	-	-	-
Ramps, runways, loading docks	5	-	-	-	-	-
Other structural elements	200	162	-	-	-	-
Doors	3	-	-	-	-	-
Roof	124	124	-	-	-	-
Walls	8	-	-	-	-	-
Windows	5	-	-	-	-	-
Structures	122	-	-	78	-	-
Bridges, dams, locks	4	-	-	-	-	-
Buildings--office, plant, residential	5	-	-	-	-	-
Scaffolds, staging	82	-	-	78	-	-
Towers, poles	24	-	-	-	-	-
Other structures	4	-	-	-	-	-
Machinery	62	-	-	-	27	-
Agricultural and garden machinery	3	-	-	-	-	-
Construction, logging, and mining machinery	5	-	-	-	-	-
Material handling (cranes, conveyers, jacks)	50	-	-	-	24	-
Cranes	14	-	-	-	6	-
Cranes--mobile, truck, rail mounted	3	-	-	-	-	-
Cranes--overhead	4	-	-	-	-	-
Overhead hoists	3	-	-	-	-	-
Elevators, aerial lifts	28	-	-	-	18	-
Bucket or basket hoist--truck mounted	11	-	-	-	11	-
Elevators--electric	6	-	-	-	-	-
Manlifts	9	-	-	-	7	-
Parts and materials	41	9	3	3	3	-
Building materials--solid elements	21	5	-	-	-	-
Structural metal materials	9	-	-	-	-	-
Wood, lumber	6	3	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Secondary source⁶ - continued						
Other building materials--solid elements	4	-	-	-	-	-
Fasteners, connectors, ropes, ties	11	-	-	-	-	-
Ropes, ties, chains	10	-	-	-	-	-
Rope, twine, string	6	-	-	-	-	-
Machine, tool, and electrical parts	8	-	-	-	-	-
Electric parts	7	-	-	-	-	-
Electrical wiring	4	-	-	-	-	-
Power lines, transformers, convertors	3	-	-	-	-	-
Persons, plants, animals, and minerals	38	-	-	-	3	-
Animals and animal products	5	-	-	-	-	-
Mammals, except humans	5	-	-	-	-	-
Horses	5	-	-	-	-	-
Plants, trees, vegetation--not processed	31	-	-	-	3	-
Trees, logs	30	-	-	-	3	-
Chemicals and chemical products	4	-	-	-	-	-
Tools, instruments, and equipment	132	-	126	-	-	-
Ladders	128	-	126	-	-	-
Ladders--fixed	8	-	8	-	-	-
Ladders--movable	67	-	65	-	-	-
Extension ladders	23	-	23	-	-	-
Step ladders	11	-	10	-	-	-
Containers	14	-	-	-	-	-
Containers-nonpressurized	11	-	-	-	-	-
Boxes, crates, cartons	4	-	-	-	-	-
Tanks, bins, vats	7	-	-	-	-	-
Other	23	8	-	-	-	5
Furniture and fixtures	7	-	-	-	-	-
Furniture	5	-	-	-	-	-
Chairs	4	-	-	-	-	-
Atmospheric and environmental conditions	13	8	-	-	-	-
Weather and atmospheric conditions	12	8	-	-	-	-
High winds, gusts	6	4	-	-	-	-
Ice, sleet, snow	5	4	-	-	-	-
Not reported	81	-	-	-	-	37
Nature⁴						
Traumatic injuries to bones, nerves, spinal cord	64	8	15	4	-	17
Fractures	31	-	7	-	-	14
Traumatic injuries to spinal cord	10	-	3	-	-	-
Multiple traumatic injuries to bones, nerves, spinal cord	22	5	5	-	-	-
Traumatic injuries to muscles, tendons, ligaments, joints	7	-	-	-	-	3
Open wounds	6	-	-	-	-	-
Punctures, except bites	5	-	-	-	-	-
Intracranial injuries	365	79	72	46	40	26
Cerebral hemorrhages	26	-	5	-	3	8
Multiple intracranial injuries	211	55	33	30	16	13
Intracranial injuries, n.e.c.	3	-	-	-	-	-
Multiple traumatic injuries and disorders	315	84	36	31	29	3
Intracranial injuries and injuries to internal organs	93	18	17	8	12	-
Other combinations of traumatic injuries	58	16	9	5	6	-
Other traumatic injuries and disorders	65	11	7	9	6	-
Internal injuries to organs and blood vessels of the trunk	62	11	7	8	6	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Part of body⁴						
Head	366	79	72	46	40	27
Cranial region, including skull	366	79	72	46	40	27
Brain	365	79	72	46	40	26
Neck, including throat	24	5	5	—	—	—
Neck, except internal location of diseases or disorders	24	5	5	—	—	—
Trunk	90	15	11	11	8	10
Chest, including ribs, internal organs	23	3	—	4	—	—
Back, including spine, spinal cord	18	4	3	—	—	—
Abdomen	7	—	—	—	—	—
Pelvic region	9	—	—	—	—	5
Multiple trunk locations	24	5	4	3	—	—
Lower extremities	29	—	8	—	—	10
Body systems	3	—	—	—	—	—
Multiple body parts	313	86	35	31	27	—
Worker activity						
Vehicular and transportation operations	31	—	—	—	16	—
Riding in, on	14	—	—	—	5	—
Industrial/construction vehicle	5	—	—	—	4	—
Horse	5	—	—	—	—	—
Boarding, alighting	11	—	—	—	8	—
Using or operating tools, machinery	64	4	8	—	16	—
Operating heavy equipment	10	—	—	—	5	—
Operating machinery	4	—	—	—	—	—
Using power tools	7	—	—	—	—	—
Logging, trimming, pruning	38	—	4	—	11	—
Constructing, repairing, cleaning	457	160	61	75	20	6
Construction, assembling, dismantling	267	89	36	54	10	—
Constructing, assembling	87	31	8	15	—	—
Installing	94	32	23	18	3	—
Dismantling, removing	41	7	—	12	5	—
Repair, maintenance	81	32	5	8	4	—
Repairing	41	18	3	5	—	—
Maintenance	14	6	—	—	—	—
Adjusting	3	—	—	—	—	—
Unjamming	3	—	—	—	—	—
Inspecting or checking	31	13	3	—	—	—
Cleaning, washing	26	8	3	—	—	3
Clearing, spraying	4	—	—	—	—	—
Painting, etc.	25	4	8	6	3	—
Protective service activities	3	—	—	—	—	—
Protective service activities, n.e.c.	3	—	—	—	—	—
Materials handling operations	61	10	—	4	19	4
Lifting materials	3	—	—	—	—	—
Carrying materials	10	4	—	—	—	—
Loading, unloading (packing, unpacking) materials	21	—	—	—	15	—
Retrieving objects	5	—	—	—	—	—
Materials handling, n.e.c.	16	3	—	—	—	—
Physical activity⁷, n.e.c.	154	8	59	10	4	19
All other activities	57	—	3	—	—	18
Tending a retail establishment	8	—	—	—	—	3
Office work	7	—	—	—	—	3

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Worker activity - continued						
Health care and social services activities	4	—	—	—	—	4
Animal care and tending	3	—	—	—	—	—
Teaching	3	—	—	—	—	—
Activity, n.e.c.	32	—	—	—	—	6
Location						
Street or highway						
Street or highway	26	—	—	—	12	—
Other highway (State or U.S.)	3	—	—	—	—	—
Local road or street	14	—	—	—	6	—
Road construction ⁸	4	—	—	—	—	—
Industrial place or premise						
Industrial place or premises, unspecified	345	84	34	49	40	13
Dockyard	8	—	—	—	4	—
Loading platform, factory or store	3	—	—	—	—	—
Warehouse	4	—	—	—	—	—
Construction site	23	7	3	—	5	—
Factory, plant	200	63	20	34	14	—
Factory, plant	67	9	6	10	11	6
Industrial place or premises, nec	32	5	3	3	3	4
Other specified place⁹						
Parking lot, garage (employer's premises)	49	—	6	5	9	4
River	12	—	—	—	4	4
Woods	3	—	—	—	—	—
Public building¹⁰						
Hotel, motel	130	20	28	7	5	28
Office building	10	—	—	—	—	—
Restaurant, cafe	32	7	—	—	—	10
Shop, commercial store	11	—	—	—	—	4
School (State, public, private)	23	3	10	—	—	5
School (State, public, private)	22	3	7	—	—	3
Farm						
Farm buildings	25	3	5	—	—	—
Farm land under cultivation, fields, meadows	8	3	—	—	—	—
Silos, grain bin	5	—	—	—	—	—
Silos, grain bin	6	—	—	—	—	—
Private residence¹¹						
Apartment	216	71	52	27	7	3
Residential construction ¹²	13	4	3	—	—	—
Residential construction ¹²	144	58	30	24	3	—
Place for recreation and sport						
Recreational and sports areas	11	—	—	—	—	—
Recreational and sports areas	9	—	—	—	—	—
Residential institution¹³						
Residential institution ¹³	12	—	—	—	—	3
Unspecified place						
Unspecified place	12	—	4	—	—	—
Occupation¹⁴ (SOC)						
Management occupations						
Operations specialties managers	50	11	9	3	—	3
Industrial production managers	6	—	—	—	—	—
Industrial production managers	3	—	—	—	—	—
Industrial production managers	3	—	—	—	—	—
Other management occupations	42	11	8	3	—	—
Agricultural managers	10	—	—	—	—	—
Farmers and ranchers	10	—	—	—	—	—
Construction managers	21	8	3	—	—	—
Construction managers	21	8	3	—	—	—
Food service managers	3	—	—	—	—	—
Food service managers	3	—	—	—	—	—
Lodging managers	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Occupation¹⁴ (SOC) - continued						
Lodging managers	3	-	-	-	-	-
Property, real estate, and community association managers	4	-	-	-	-	-
Property, real estate, and community association managers ..	4	-	-	-	-	-
Business and financial operations occupations	7	-	-	-	-	3
Business operations specialists	4	-	-	-	-	-
Financial specialists	3	-	-	-	-	-
Accountants and auditors	3	-	-	-	-	-
Accountants and auditors	3	-	-	-	-	-
Computer and mathematical occupations	4	-	-	-	-	-
Computer specialists	3	-	-	-	-	-
Architecture and engineering occupations	10	-	-	-	-	-
Architects, surveyors, and cartographers	3	-	-	-	-	-
Engineers	6	-	-	-	-	-
Electrical and electronics engineers	3	-	-	-	-	-
Electrical engineers	3	-	-	-	-	-
Life, physical, and social science occupations	6	-	-	-	-	-
Community and social services occupations	3	-	-	-	-	-
Education, training, and library occupations	5	-	-	-	-	3
Primary, secondary, and special education school teachers	3	-	-	-	-	-
Arts, design, entertainment, sports, and media occupations	5	-	-	-	-	-
Entertainers and performers, sports and related workers	5	-	-	-	-	-
Athletes, coaches, umpires, and related workers	3	-	-	-	-	-
Healthcare support occupations	4	-	-	-	-	3
Nursing, psychiatric, and home health aides	3	-	-	-	-	-
Nursing, psychiatric, and home health aides	3	-	-	-	-	-
Nursing aides, orderlies, and attendants	3	-	-	-	-	-
Protective service occupations	4	-	-	-	-	-
Other protective service workers	3	-	-	-	-	-
Security guards and gaming surveillance officers	3	-	-	-	-	-
Security guards	3	-	-	-	-	-
Food preparation and serving related occupations	11	-	-	-	-	4
Supervisors, food preparation and serving workers	4	-	-	-	-	-
First-line supervisors/managers, food preparation and serving workers	4	-	-	-	-	-
First-line supervisors/managers of food preparation and serving workers	4	-	-	-	-	-
Food and beverage serving workers	6	-	-	-	-	3
Fast food and counter workers	3	-	-	-	-	-
Waiters and waitresses	3	-	-	-	-	3
Waiters and waitresses	3	-	-	-	-	3
Building and grounds cleaning and maintenance occupations ...	81	4	16	3	16	3
Supervisors, building and grounds cleaning and maintenance workers	6	-	-	-	3	-
First-line supervisors/managers, building and grounds cleaning and maintenance workers	6	-	-	-	3	-
First-line supervisors/managers of housekeeping and janitorial workers	3	-	-	-	-	-
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	3	-	-	-	-	-
Building cleaning and pest control workers	29	-	8	3	-	-
Building cleaning workers	28	-	7	3	-	-
Janitors and cleaners, except maids and housekeeping cleaners	22	-	5	3	-	-
Maids and housekeeping cleaners	5	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Occupation¹⁴ (SOC) - continued						
Grounds maintenance workers	46	—	8	—	12	—
Grounds maintenance workers	46	—	8	—	12	—
Landscaping and groundskeeping workers	11	—	4	—	—	—
Tree trimmers and pruners	35	—	4	—	11	—
Personal care and service occupations	6	—	—	—	—	—
Other personal care and service workers	3	—	—	—	—	—
Sales and related occupations	21	—	7	—	—	5
Supervisors, sales workers	7	—	4	—	—	—
First-line supervisors/managers, sales workers	7	—	4	—	—	—
First-line supervisors/managers of retail sales workers	4	—	3	—	—	—
First-line supervisors/managers of non-retail sales workers	3	—	—	—	—	—
Retail sales workers	5	—	—	—	—	—
Retail salespersons	3	—	—	—	—	—
Retail salespersons	3	—	—	—	—	—
Sales representatives, services	4	—	—	—	—	—
Sales representatives, wholesale and manufacturing	3	—	—	—	—	—
Sales representatives, wholesale and manufacturing	3	—	—	—	—	—
Office and administrative support occupations	8	—	—	—	—	3
Material recording, scheduling, dispatching, and distributing workers	5	—	—	—	—	—
Stock clerks and order fillers	3	—	—	—	—	—
Stock clerks and order fillers	3	—	—	—	—	—
Farming, fishing, and forestry occupations	14	—	3	—	—	—
Agricultural workers	11	—	3	—	—	—
Miscellaneous agricultural workers	11	—	3	—	—	—
Agricultural equipment operators	3	—	—	—	—	—
Farmworkers and laborers, crop, nursery, and greenhouse	5	—	—	—	—	—
Farmworkers, farm and ranch animals	3	—	—	—	—	—
Construction and extraction occupations	416	138	70	71	24	—
Supervisors, construction and extraction workers	26	9	4	7	—	—
First-line supervisors/managers of construction trades and extraction workers	26	9	4	7	—	—
First-line supervisors/managers of construction trades and extraction workers	26	9	4	7	—	—
Construction trades workers	369	127	61	62	22	—
Boilermakers	3	—	—	—	—	—
Boilermakers	3	—	—	—	—	—
Brickmasons, blockmasons, and stonemasons	6	—	—	3	—	—
Brickmasons and blockmasons	5	—	—	—	—	—
Carpenters	62	20	9	10	—	—
Carpenters	62	20	9	10	—	—
Construction laborers	122	39	19	23	7	—
Construction laborers	122	39	19	23	7	—
Drywall installers, ceiling tile installers, and tapers	12	—	3	7	—	—
Drywall and ceiling tile installers	12	—	3	7	—	—
Electricians	25	—	7	3	5	—
Electricians	25	—	7	3	5	—
Painters and paperhangers	26	4	9	6	—	—
Painters, construction and maintenance	25	4	9	5	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	6	—	3	—	—	—
Plumbers, pipefitters, and steamfitters	5	—	3	—	—	—
Plasterers and stucco masons	5	—	—	3	—	—
Plasterers and stucco masons	5	—	—	3	—	—
Roofers	66	53	7	3	—	—
Roofers	66	53	7	3	—	—
Sheet metal workers	8	—	—	—	—	—
Sheet metal workers	8	—	—	—	—	—
Structural iron and steel workers	24	8	—	—	—	—
Structural iron and steel workers	24	8	—	—	—	—
Helpers, construction trades	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Occupation¹⁴						
(SOC) - continued						
Helpers, construction trades	3	-	-	-	-	-
Other construction and related workers	11	-	5	-	-	-
Elevator installers and repairers	4	-	-	-	-	-
Elevator installers and repairers	4	-	-	-	-	-
Miscellaneous construction and related workers	4	-	3	-	-	-
Construction and related workers, all other	4	-	3	-	-	-
Extraction workers	7	-	-	-	-	-
Derrick, rotary drill, and service unit operators, oil, gas, and mining	6	-	-	-	-	-
Derrick operators, oil and gas	6	-	-	-	-	-
Installation, maintenance, and repair occupations	77	15	15	5	4	4
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	-	-	-	-	-
Electrical and electronic equipment mechanics, installers, and repairers	7	-	-	-	-	-
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	5	-	-	-	-	-
Vehicle and mobile equipment mechanics, installers, and repairers	6	-	-	-	-	-
Automotive technicians and repairers	3	-	-	-	-	-
Other installation, maintenance, and repair occupations	61	15	10	4	3	3
Heating, air conditioning, and refrigeration mechanics and installers	11	6	-	-	-	-
Heating, air conditioning, and refrigeration mechanics and installers	11	6	-	-	-	-
Industrial machinery installation, repair, and maintenance workers	28	9	6	3	-	-
Industrial machinery mechanics	5	-	-	-	-	-
Maintenance and repair workers, general	22	7	5	-	-	-
Line installers and repairers	18	-	4	-	-	-
Electrical power-line installers and repairers	7	-	-	-	-	-
Telecommunications line installers and repairers	11	-	4	-	-	-
Miscellaneous installation, maintenance, and repair workers	4	-	-	-	-	-
Production occupations	25	4	3	4	3	-
Metal workers and plastic workers	13	-	-	-	-	-
Welding, soldering, and brazing workers	11	-	-	-	-	-
Welders, cutters, solderers, and brazers	10	-	-	-	-	-
Other production occupations	8	-	-	-	-	-
Inspectors, testers, sorters, samplers, and weighers	3	-	-	-	-	-
Inspectors, testers, sorters, samplers, and weighers	3	-	-	-	-	-
Miscellaneous production workers	4	-	-	-	-	-
Production workers, all other	4	-	-	-	-	-
Transportation and material moving occupations	64	7	4	-	23	9
Motor vehicle operators	30	-	-	-	15	5
Driver/sales workers and truck drivers	28	-	-	-	15	4
Truck drivers, heavy and tractor-trailer	23	-	-	-	12	-
Truck drivers, light or delivery services	5	-	-	-	3	-
Material moving workers	30	5	4	-	8	3
Dredge, excavating, and loading machine operators	3	-	-	-	-	-
Laborers and material movers, hand	24	-	4	-	5	3
Laborers and freight, stock, and material movers, hand	22	-	3	-	5	3
Industry¹⁵						
(NAICS)						
Private industry	789	183	128	90	74	39
Goods-producing	526	160	81	78	37	7

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Industry¹⁵ (NAICS) - continued						
Natural resources and mining	33	3	4	3	4	—
Agriculture, forestry, fishing and hunting	23	—	4	—	3	—
Crop production	12	—	3	—	—	—
Greenhouse, nursery, and floriculture production	3	—	—	—	—	—
Other crop farming	4	—	—	—	—	—
Animal production	7	—	—	—	—	—
Cattle ranching and farming	5	—	—	—	—	—
Beef cattle ranching and farming, including feedlots	3	—	—	—	—	—
Beef cattle ranching and farming	3	—	—	—	—	—
Forestry and logging	3	—	—	—	—	—
Mining¹⁶	10	—	—	—	—	—
Support activities for mining	7	—	—	—	—	—
Support activities for mining	7	—	—	—	—	—
Support activities for mining	7	—	—	—	—	—
Drilling oil and gas wells	5	—	—	—	—	—
Construction	433	151	68	70	22	—
Construction	433	151	68	70	22	—
Construction of buildings	99	38	14	10	4	—
Residential building construction	62	21	11	6	—	—
Residential building construction	62	21	11	6	—	—
New single-family housing construction (except operative builders)	26	11	4	—	—	—
New multi-family housing construction (except operative builders)	4	—	—	—	—	—
Residential remodelers	16	5	3	—	—	—
Nonresidential building construction	29	14	3	—	—	—
Industrial building construction	6	—	—	—	—	—
Commercial and institutional building construction	20	10	3	—	—	—
Heavy and civil engineering construction	21	—	3	—	—	—
Utility system construction	17	—	3	—	—	—
Water and sewer line and related structures construction	5	—	—	—	—	—
Power and communication line and related structures construction	10	—	—	—	—	—
Highway, street, and bridge construction	4	—	—	—	—	—
Highway, street, and bridge construction	4	—	—	—	—	—
Specialty trade contractors	290	107	44	55	16	—
Foundation, structure, and building exterior contractors	165	88	17	27	—	—
Poured concrete foundation and structure contractors	7	—	—	—	—	—
Structural steel and precast concrete contractors	24	9	—	3	—	—
Nonresidential structural steel and precast concrete contractors	10	4	—	—	—	—
Framing contractors	17	4	—	3	—	—
Residential framing contractors	8	3	—	—	—	—
Masonry contractors	17	3	—	7	—	—
Residential masonry contractors	3	—	—	—	—	—
Nonresidential masonry contractors	5	—	—	—	—	—
Roofing contractors	80	65	10	3	—	—
Residential roofing contractors	23	18	4	—	—	—
Nonresidential roofing contractors	14	9	3	—	—	—
Siding contractors	8	—	—	5	—	—
Residential siding contractors	6	—	—	4	—	—
Other foundation, structure, and building exterior contractors	10	—	—	5	—	—
Building equipment contractors	42	8	11	4	5	—
Electrical contractors	18	—	7	—	3	—
Nonresidential electrical contractors	8	—	5	—	—	—
Plumbing, heating, and air-conditioning contractors	19	8	3	—	—	—
Nonresidential plumbing, heating, and air-conditioning contractors	5	—	—	—	—	—
Other building equipment contractors	5	—	—	—	—	—
Building finishing contractors	58	6	15	21	4	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Industry¹⁵						
(NAICS) - continued						
Drywall and insulation contractors	20	—	4	11	—	—
Residential drywall and insulation contractors	6	—	—	3	—	—
Nonresidential drywall and insulation contractors	4	—	—	3	—	—
Painting and wall covering contractors	24	3	8	6	—	—
Residential painting and wall covering contractors	3	—	—	—	—	—
Nonresidential painting and wall covering contractors	8	—	—	3	—	—
Finish carpentry contractors	8	—	—	—	—	—
Other building finishing contractors	5	—	—	—	—	—
Residential other building finishing contractors	3	—	—	—	—	—
Other specialty trade contractors	20	4	—	—	5	—
Site preparation contractors	13	3	—	—	3	—
Residential site preparation contractors	3	—	—	—	—	—
All other specialty trade contractors	7	—	—	—	—	—
Manufacturing	60	6	9	5	11	6
Manufacturing	60	6	9	5	11	6
Food manufacturing	5	—	—	—	—	—
Wood product manufacturing	7	—	—	—	—	—
Sawmills and wood preservation	3	—	—	—	—	—
Sawmills and wood preservation	3	—	—	—	—	—
Sawmills	3	—	—	—	—	—
Veneer, plywood, and engineered wood product manufacturing	3	—	—	—	—	—
Veneer, plywood, and engineered wood product manufacturing	3	—	—	—	—	—
Chemical manufacturing	3	—	—	—	—	—
Plastics and rubber products manufacturing	3	—	—	—	—	—
Plastics product manufacturing	3	—	—	—	—	—
Nonmetallic mineral product manufacturing	7	—	—	—	—	3
Cement and concrete product manufacturing	4	—	—	—	—	—
Ready-mix concrete manufacturing	3	—	—	—	—	—
Fabricated metal product manufacturing	11	—	—	—	—	—
Architectural and structural metals manufacturing	8	—	—	—	—	—
Plate work and fabricated structural product manufacturing	5	—	—	—	—	—
Ornamental and architectural metal products manufacturing	3	—	—	—	—	—
Computer and electronic product manufacturing	3	—	—	—	—	—
Semiconductor and other electronic component manufacturing	3	—	—	—	—	—
Semiconductor and other electronic component manufacturing	3	—	—	—	—	—
Transportation equipment manufacturing	8	—	—	—	—	—
Motor vehicle body and trailer manufacturing	3	—	—	—	—	—
Motor vehicle body and trailer manufacturing	3	—	—	—	—	—
Ship and boat building	3	—	—	—	—	—
Ship and boat building	3	—	—	—	—	—
Miscellaneous manufacturing	3	—	—	—	—	—
Other miscellaneous manufacturing	3	—	—	—	—	—
Service-providing	263	23	47	12	37	32
Trade, transportation, and utilities	86	5	15	—	21	12
Wholesale trade	24	—	—	—	8	3
Merchant wholesalers, durable goods	8	—	—	—	—	—
Merchant wholesalers, nondurable goods	15	—	—	—	6	—
Miscellaneous nondurable goods merchant wholesalers	6	—	—	—	—	—
Farm supplies merchant wholesalers	5	—	—	—	—	—
Retail trade	31	—	12	—	—	8
Motor vehicle and parts dealers	4	—	—	—	—	—
Automotive parts, accessories, and tire stores	3	—	—	—	—	—
Building material and garden equipment and supplies dealers	9	—	5	—	—	3
Building material and supplies dealers	8	—	4	—	—	3
Home centers	4	—	—	—	—	—
Other building material dealers	3	—	—	—	—	—
Food and beverage stores	6	—	4	—	—	—
Grocery stores	4	—	3	—	—	—
Supermarkets and other grocery (except convenience) stores ...	4	—	3	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Industry¹⁵						
(NAICS) - continued						
General merchandise stores	5	-	-	-	-	-
Transportation and warehousing	22	-	-	-	10	-
Truck transportation	15	-	-	-	7	-
General freight trucking	9	-	-	-	4	-
General freight trucking, local	4	-	-	-	-	-
Specialized freight trucking	5	-	-	-	-	-
Specialized freight (except used goods) trucking, long-distance	3	-	-	-	-	-
Warehousing and storage	4	-	-	-	-	-
Warehousing and storage	4	-	-	-	-	-
General warehousing and storage	3	-	-	-	-	-
Utilities	9	-	-	-	-	-
Utilities	9	-	-	-	-	-
Electric power generation, transmission and distribution	5	-	-	-	-	-
Electric power transmission, control, and distribution	4	-	-	-	-	-
Information	9	-	4	-	-	-
Information	9	-	4	-	-	-
Telecommunications	6	-	4	-	-	-
Cable and other program distribution	4	-	3	-	-	-
Cable and other program distribution	4	-	3	-	-	-
Financial activities	17	7	3	-	-	3
Finance and insurance	5	-	-	-	-	-
Insurance carriers and related activities	3	-	-	-	-	-
Agencies, brokerages, and other insurance related activities	3	-	-	-	-	-
Insurance agencies and brokerages	3	-	-	-	-	-
Real estate and rental and leasing	12	5	-	-	-	-
Real estate	12	5	-	-	-	-
Lessors of real estate	7	3	-	-	-	-
Lessors of residential buildings and dwellings	6	3	-	-	-	-
Professional and business services	86	9	15	5	14	5
Professional, scientific, and technical services	9	-	-	-	-	-
Professional, scientific, and technical services	9	-	-	-	-	-
Architectural, engineering, and related services	4	-	-	-	-	-
Management, scientific, and technical consulting services	3	-	-	-	-	-
Administrative and waste services	77	9	14	3	14	5
Administrative and support services	72	7	12	-	14	5
Employment services	5	4	-	-	-	-
Professional employer organizations	3	3	-	-	-	-
Investigation and security services	5	-	-	-	-	-
Investigation, guard, and armored car services	3	-	-	-	-	-
Security guards and patrol services	3	-	-	-	-	-
Services to buildings and dwellings	61	3	11	-	14	-
Janitorial services	10	-	-	-	-	-
Landscaping services	47	-	7	-	13	-
Other services to buildings and dwellings	3	-	3	-	-	-
Waste management and remediation services	5	-	-	-	-	-
Remediation and other waste management services	4	-	-	-	-	-
Remediation services	3	-	-	-	-	-
Educational and health services	16	-	-	-	-	5
Educational services	5	-	-	-	-	-
Educational services	5	-	-	-	-	-
Health care and social assistance	11	-	-	-	-	4
Nursing and residential care facilities	6	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Industry¹⁵ (NAICS) - continued						
Social assistance	3	-	-	-	-	-
Leisure and hospitality	26	-	3	-	-	4
Arts, entertainment, and recreation	7	-	-	-	-	-
Performing arts, spectator sports, and related industries	6	-	-	-	-	-
Spectator sports	3	-	-	-	-	-
Spectator sports	3	-	-	-	-	-
Accommodation and food services	19	-	3	-	-	4
Accommodation	9	-	-	-	-	-
Traveler accommodation	8	-	-	-	-	-
Hotels (except casino hotels) and motels	8	-	-	-	-	-
Food services and drinking places	10	-	-	-	-	3
Full-service restaurants	5	-	-	-	-	3
Full-service restaurants	5	-	-	-	-	3
Other services, except public administration	22	-	6	3	-	-
Other services, except public administration	22	-	6	3	-	-
Repair and maintenance	8	-	-	-	-	-
Automotive repair and maintenance	4	-	-	-	-	-
Religious, grantmaking, civic, professional, and similar organizations	11	-	3	-	-	-
Religious organizations	10	-	3	-	-	-
Religious organizations	10	-	3	-	-	-
Government¹⁷	38	-	4	-	3	13
Federal government (including resident armed forces)	12	-	-	-	-	5
Service-providing	11	-	-	-	-	5
Public administration	5	-	-	-	-	3
Public administration	5	-	-	-	-	3
National security and international affairs	3	-	-	-	-	-
National security and international affairs	3	-	-	-	-	-
National security	3	-	-	-	-	-
State government	7	-	-	-	-	3
Service-providing	6	-	-	-	-	-
Educational and health services	3	-	-	-	-	-
Public administration	3	-	-	-	-	-
Public administration	3	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall, 2006 — Continued

Characteristics	All falls	Fall from roof	Fall from ladder	Fall from scaffolding, staging	Fall from nonmoving vehicle	Fall to floor, walkway, or other surface
Industry¹⁵ (NAICS) - continued						
Local government	19	—	4	—	—	5
Service-providing	18	—	4	—	—	5
Trade, transportation, and utilities	4	—	—	—	—	—
Educational and health services	9	—	3	—	—	3
Educational services	9	—	3	—	—	3
Educational services	9	—	3	—	—	3
Elementary and secondary schools	8	—	—	—	—	3
Elementary and secondary schools	8	—	—	—	—	3
Public administration	4	—	—	—	—	—
Public administration	4	—	—	—	—	—

¹ May include volunteers and workers receiving other types of compensation.

² 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.

³ Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.

⁴ Based on the BLS Occupational Injury and Illness Classification Manual.

⁵ 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.

⁶ 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.

⁷ Includes, but is not limited to, walking, sitting, running, and climbing ladders or stairs.

⁸ 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.

⁹ Primarily includes outdoor areas such as bodies of water, woods, noncultivated fields, and parking lots.

¹⁰ Includes buildings and adjacent grounds used by the general public or a particular group, such as hotels, restaurants, stores, office buildings, courthouses, and schools.

¹¹ Private residence fatalities primarily occurred to repair or maintenance workers, police while on duty, firefighters, or residential construction workers.

¹² The residential construction location category was implemented in 1998.

¹³ Includes children's home, dormitory, hospital, jail, nursing home, and reform school.

¹⁴ Based on the 2000 Standard Occupational Classification system.

¹⁵ Based on the North American Industry Classification System, 2002.

¹⁶ 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.

¹⁷ 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