

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005

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 .....	770	160	129	82	75	66
<b>Employee status</b>						
Wage and salary workers <sup>2</sup> .....	639	131	94	70	67	61
Self-employed <sup>3</sup> .....	131	29	35	12	8	5
<b>Sex</b>						
Men .....	732	159	127	82	74	49
Women .....	38	—	—	—	—	17
<b>Age</b>						
16 to 17 years .....	3	—	—	—	—	—
18 to 19 years .....	18	10	—	4	—	—
20 to 24 years .....	39	10	4	4	4	—
25 to 34 years .....	111	34	10	13	5	4
35 to 44 years .....	152	34	26	18	16	7
45 to 54 years .....	198	39	37	24	21	13
55 to 64 years .....	150	23	35	12	14	18
65 and over .....	99	10	16	6	14	22
<b>Race or ethnic origin<sup>4</sup></b>						
White .....	517	95	87	48	58	52
Black or African American .....	44	7	8	5	7	4
Hispanic or Latino .....	183	52	31	26	9	5
American Indian or Alaskan Native .....	5	—	—	—	—	—
Asian, Native Hawaiian or Pacific Islander .....	16	3	—	—	—	3
Other races or not reported .....	5	—	—	—	—	—
<b>Event or exposure<sup>1</sup></b>						
<b>Falls</b> .....	770	160	129	82	75	66
Fall to lower level .....	664	160	129	82	75	—
Fall down stairs or steps .....	17	—	—	—	—	—
Fall from floor, dock, or ground level .....	42	—	—	—	—	—
Fall through existing floor opening .....	26	—	—	—	—	—
Fall through floor surface .....	3	—	—	—	—	—
Fall from loading dock .....	3	—	—	—	—	—
Fall from ground level to lower level .....	6	—	—	—	—	—
Fall from ladder .....	129	—	129	—	—	—
Fall from roof .....	160	160	—	—	—	—
Fall through existing roof opening .....	17	17	—	—	—	—
Fall through roof surface .....	12	12	—	—	—	—
Fall through skylight .....	19	19	—	—	—	—
Fall from roof edge .....	65	65	—	—	—	—
Fall from scaffold, staging .....	82	—	—	82	—	—
Fall from building girders or other structural steel .....	25	—	—	—	—	—
Fall from nonmoving vehicle .....	75	—	—	—	75	—
Fall to lower level, n.e.c. .....	117	—	—	—	—	—
Jump to lower level .....	4	—	—	—	—	—
Fall on same level .....	84	—	—	—	—	66
Fall to floor, walkway, or other surface .....	66	—	—	—	—	66
Fall onto or against objects .....	12	—	—	—	—	—
<b>Primary source<sup>5</sup></b>						
<b>Vehicles</b> .....	7	—	—	—	—	—
Highway vehicle, motorized .....	6	—	—	—	—	—
Truck .....	6	—	—	—	—	—
<b>Structures and surfaces</b> .....	733	157	124	82	70	65
Floors, walkways, ground surfaces .....	713	153	122	79	70	65

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Primary source<sup>5</sup> - continued</b>						
Floors .....	244	49	33	31	18	40
Ground .....	298	81	48	32	32	8
Sidewalks, paths, outdoor walkways .....	39	7	9	4	-	5
Street, road .....	20	4	5	-	4	-
Surfaces below ground level, n.e.c. ....	3	-	-	-	-	-
Parking lots .....	26	-	6	-	7	8
Other floors, walkways, ground surfaces .....	17	4	3	-	3	-
Ramps, runways, loading docks .....	5	-	-	-	-	-
Floors, walkways, ground surfaces, n.e.c. ....	9	3	3	-	-	-
Other structural elements .....	6	-	-	-	-	-
Fences, fence panels .....	3	-	-	-	-	-
Structures .....	12	-	-	-	-	-
Mines, caves, tunnels .....	3	-	-	-	-	-
Other structures .....	5	-	-	-	-	-
<b>Machinery</b> .....	5	-	-	-	-	-
<b>Parts and materials</b> .....	5	-	-	-	-	-
Building materials--solid elements .....	5	-	-	-	-	-
<b>Persons, plants, animals, and minerals</b> .....	6	-	-	-	-	-
Nonmetallic minerals, except fuel .....	3	-	-	-	-	-
Rocks, crushed stone .....	3	-	-	-	-	-
Plants, trees, vegetation--not processed .....	3	-	-	-	-	-
Trees, logs .....	3	-	-	-	-	-
<b>Containers</b> .....	8	-	-	-	-	-
Containers-nonpressurized .....	7	-	-	-	-	-
Tanks, bins, vats .....	5	-	-	-	-	-
<b>Other</b> .....	4	-	3	-	-	-
Furniture and fixtures .....	3	-	3	-	-	-
<b>Secondary source<sup>6</sup></b>						
<b>Vehicles</b> .....	54	-	-	-	48	-
Highway vehicle, motorized .....	34	-	-	-	31	-
Truck .....	32	-	-	-	30	-
Semitrailer, tractor trailer, trailer truck .....	17	-	-	-	17	-
Plant and industrial powered vehicles, tractors .....	13	-	-	-	12	-
Forklift .....	11	-	-	-	10	-
<b>Structures and surfaces</b> .....	326	142	-	76	-	-
Floors, walkways, ground surfaces .....	53	-	-	4	-	-
Floors .....	23	-	-	4	-	-
Ground .....	3	-	-	-	-	-
Other floors, walkways, ground surfaces .....	7	-	-	-	-	-
Ramps, runways, loading docks .....	5	-	-	-	-	-
Other structural elements .....	163	141	-	-	-	-
Roof .....	117	117	-	-	-	-
Walls .....	5	-	-	-	-	-
Structures .....	108	-	-	72	-	-
Bridges, dams, locks .....	5	-	-	-	-	-
Buildings--office, plant, residential .....	6	-	-	-	-	-
Scaffolds, staging .....	74	-	-	71	-	-
Towers, poles .....	16	-	-	-	-	-
Other structures .....	5	-	-	-	-	-
<b>Machinery</b> .....	48	-	-	-	23	-
Material handling (cranes, conveyers, jacks) .....	39	-	-	-	21	-
Elevators .....	32	-	-	-	19	-
Bucket or basket hoist--truck mounted .....	13	-	-	-	12	-
Manlifts .....	14	-	-	-	7	-
Metal, woodworking, and special material machinery ...	3	-	-	-	-	-
<b>Parts and materials</b> .....	40	8	-	3	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Secondary source<sup>6</sup> - continued</b>						
Building materials--solid elements .....	20	3	-	-	-	-
Structural metal materials .....	14	-	-	-	-	-
Other building materials--solid elements .....	3	-	-	-	-	-
Fasteners, connectors, ropes, ties .....	5	-	-	-	-	-
Ropes, ties .....	4	-	-	-	-	-
Machine, tool, and electrical parts .....	6	-	-	3	-	-
Electric parts .....	5	-	-	-	-	-
Vehicle and mobile equipment parts .....	3	-	-	-	-	-
<b>Persons, plants, animals, and minerals</b> .....	37	-	3	-	-	3
Animals and animal products .....	6	-	-	-	-	-
Mammals, except humans .....	6	-	-	-	-	-
Horses .....	5	-	-	-	-	-
Plants, trees, vegetation--not processed .....	26	-	-	-	-	-
Trees, logs .....	26	-	-	-	-	-
<b>Tools, instruments, and equipment</b> .....	138	-	123	-	-	3
Ladders .....	127	-	122	-	-	-
Ladders--fixed .....	5	-	5	-	-	-
Ladders--movable .....	82	-	79	-	-	-
Extension ladders .....	22	-	22	-	-	-
Step ladders .....	17	-	15	-	-	-
Straight ladders .....	4	-	4	-	-	-
Protective equipment, except clothing .....	4	-	-	-	-	-
Lifelines, lanyards, safety belts or harnesses .....	4	-	-	-	-	-
<b>Containers</b> .....	9	-	-	-	-	-
Containers-nonpressurized .....	5	-	-	-	-	-
Tanks, bins, vats .....	3	-	-	-	-	-
<b>Other</b> .....	37	6	-	-	-	13
Furniture and fixtures .....	9	-	-	-	-	-
Furniture .....	7	-	-	-	-	-
Chairs .....	5	-	-	-	-	-
Atmospheric and environmental conditions .....	19	4	-	-	-	8
Weather and atmospheric conditions .....	17	4	-	-	-	7
Ice, sleet, snow .....	13	-	-	-	-	7
Rain .....	3	-	-	-	-	-
Steam, vapors, liquids .....	8	-	-	-	-	3
Liquids .....	8	-	-	-	-	3
Water .....	6	-	-	-	-	-
<b>Not reported</b> .....	80	-	-	-	-	42
<b>Nature<sup>1</sup></b>						
<b>Traumatic injuries to bones, nerves, spinal cord</b> .....	76	6	14	6	-	21
Fractures .....	30	-	4	-	-	17
Traumatic injuries to spinal cord .....	10	-	-	3	-	-
Multiple traumatic injuries to bones, nerves, spinal cord .....	29	3	8	-	-	-
<b>Traumatic injuries to muscles, tendons, ligaments, joints</b> .....	9	-	-	-	-	5
<b>Open wounds</b> .....	4	-	-	-	-	-
<b>Intracranial injuries</b> .....	374	70	71	38	46	39
Cerebral hemorrhages .....	27	-	5	-	5	5
Multiple intracranial injuries .....	232	42	39	32	25	21
Intracranial injuries, n.e.c. .....	6	-	-	-	-	-
<b>Multiple traumatic injuries and disorders</b> .....	242	66	35	34	22	-
Intracranial injuries and injuries to internal organs .....	93	23	16	15	8	-
Other combinations of traumatic injuries .....	38	11	5	4	7	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Nature<sup>1</sup> - continued</b>						
<b>Other traumatic injuries and disorders</b> .....	51	15	6	4	3	—
Internal injuries to organs and blood vessels of the trunk .....	48	14	6	4	3	—
<b>Part of body<sup>1</sup></b>						
<b>Head</b> .....	381	70	72	39	48	39
Cranial region, including skull .....	376	70	71	38	48	39
Brain .....	375	70	71	38	47	39
<b>Neck, including throat</b> .....	28	—	6	4	—	—
Neck, except internal location of diseases or disorders .....	28	—	6	4	—	—
<b>Trunk</b> .....	82	21	12	6	3	11
Chest, including ribs, internal organs .....	28	7	3	3	—	—
Back, including spine, spinal cord .....	15	—	3	—	—	—
Abdomen .....	6	3	—	—	—	—
Pelvic region .....	12	—	—	—	—	8
Multiple trunk locations .....	18	8	3	—	—	—
<b>Upper extremities</b> .....	3	—	—	—	—	—
<b>Lower extremities</b> .....	26	—	—	—	—	14
<b>Multiple body parts</b> .....	247	66	36	33	22	—
<b>Worker activity</b>						
<b>Vehicular and transportation operations</b> .....	26	—	—	—	11	—
Riding in, on .....	8	—	—	—	—	—
Horse .....	5	—	—	—	—	—
Boarding, alighting .....	10	—	—	—	7	—
Vehicular and transportation operations, n.e.c. ....	3	—	—	—	—	—
<b>Using or operating tools, machinery</b> .....	59	6	5	4	9	—
Operating heavy equipment .....	5	—	—	—	—	—
Using power tools .....	3	—	—	—	—	—
Using nonpowered hand tools .....	8	5	—	—	—	—
Operating or reading gauges, valves, switches .....	3	—	—	—	—	—
Welding .....	5	—	—	—	—	—
Logging, trimming, pruning .....	32	—	3	—	4	—
<b>Constructing, repairing, cleaning</b> .....	398	129	59	61	26	7
Construction, assembling, dismantling .....	226	79	24	39	10	—
Constructing, assembling .....	75	26	5	9	—	—
Installing .....	86	24	13	17	7	—
Dismantling, removing .....	27	13	3	4	—	—
Repair, maintenance .....	72	17	16	7	12	—
Repairing .....	31	10	10	—	4	—
Maintenance .....	16	3	—	3	4	—
Adjusting .....	3	—	—	—	—	—
Inspecting or checking .....	15	5	—	—	—	—
Cleaning, washing .....	23	7	4	—	—	3
Clearing, spraying .....	4	—	—	—	—	—
Painting, etc. ....	31	6	10	10	—	—
<b>Protective service activities</b> .....	8	—	—	—	—	5
Protective service activities, n.e.c. ....	4	—	—	—	—	—
<b>Materials handling operations</b> .....	65	9	5	4	20	7
Lifting materials .....	4	—	—	—	—	—
Carrying materials .....	9	3	—	—	—	—
Loading, unloading (packing, unpacking) materials .....	21	—	—	—	13	—
Retrieving objects .....	7	—	—	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Worker activity - continued</b>						
Materials handling, n.e.c. ....	19	5	—	—	3	3
<b>Physical activity<sup>7</sup>, n.e.c.</b> .....	170	12	57	11	7	34
<b>All other activities</b> .....	44	4	3	—	—	10
Office work .....	5	—	—	—	—	—
Health care and social services activities .....	3	—	—	—	—	—
Animal care and tending .....	3	—	—	—	—	—
Activity, n.e.c. ....	27	3	3	—	—	—
<b>Location</b>						
<b>Street or highway</b> .....	27	—	—	—	7	4
Local road or street .....	18	—	—	—	7	4
Road construction <sup>8</sup> .....	4	—	—	—	—	—
<b>Industrial place or premise</b> .....	314	75	39	49	37	9
Industrial place and premises, unspecified .....	6	—	—	—	3	—
Dockyard .....	3	—	—	—	—	—
Loading platform, factory or store .....	6	—	—	—	—	—
Warehouse .....	20	6	4	—	7	—
Construction site .....	184	59	20	35	10	—
Factory, plant .....	47	7	6	10	5	3
Industrial place or premises, nec .....	39	3	7	3	4	—
<b>Other specified place<sup>9</sup></b> .....	48	—	8	—	12	14
Parking lot, garage (employer's premises) .....	20	—	3	—	5	8
Parking lot, garage (except employer's premises) .....	14	—	3	—	5	4
Woods .....	3	—	—	—	—	—
<b>Public building<sup>10</sup></b> .....	105	15	21	5	—	32
Hotel, motel .....	5	—	—	—	—	—
Office building .....	15	—	—	—	—	4
Restaurant, cafe .....	7	—	—	—	—	4
Shop, commercial store (except grocery) .....	24	—	8	—	—	9
School (State, public, private) .....	15	—	3	—	—	4
<b>Farm</b> .....	38	3	7	—	8	—
Farm buildings .....	11	—	3	—	—	—
Farm land under cultivation, fields, meadows .....	7	—	—	—	—	—
Silos, grain bin .....	6	—	—	—	—	—
<b>Private residence<sup>11</sup></b> .....	208	64	51	21	7	—
Apartment .....	8	3	—	—	—	—
Residential construction <sup>12</sup> .....	141	55	33	19	3	—
<b>Place for recreation and sport</b> .....	18	—	—	—	—	—
Recreation, sports center on employer's premises .....	3	—	—	—	—	—
Recreational and sports areas .....	13	—	—	—	—	—
<b>Residential institution<sup>13</sup></b> .....	5	—	—	—	—	3
<b>Unspecified place</b> .....	5	—	—	—	—	—
<b>Occupation<sup>14</sup> (SOC)</b>						
<b>Management occupations</b> .....	51	8	14	—	5	7
Operations specialties managers .....	4	—	—	—	—	—
Other management occupations .....	44	7	12	—	5	6
Agricultural managers .....	19	—	4	—	3	—
Farmers and ranchers .....	18	—	4	—	3	—
Construction managers .....	14	4	3	—	—	—
Construction managers .....	14	4	3	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Occupation<sup>14</sup> (SOC) - continued</b>						
Property, real estate, and community association managers .....	4	-	-	-	-	3
Property, real estate, and community association managers .....	4	-	-	-	-	3
Miscellaneous managers .....	3	-	3	-	-	-
Managers, all other .....	3	-	3	-	-	-
<b>Business and financial operations occupations</b> .....	7	-	3	-	-	3
Business operations specialists .....	4	-	-	-	-	-
Financial specialists .....	3	-	-	-	-	-
<b>Architecture and engineering occupations</b> .....	8	-	-	-	-	-
Engineers .....	4	-	-	-	-	-
Civil engineers .....	3	-	-	-	-	-
Civil engineers .....	3	-	-	-	-	-
Drafters, engineering, and mapping technicians .....	4	-	-	-	-	-
Engineering technicians, except drafters .....	3	-	-	-	-	-
<b>Community and social services occupations</b> .....	3	-	-	-	-	-
<b>Education, training, and library occupations</b> .....	3	-	-	-	-	-
<b>Arts, design, entertainment, sports, and media occupations</b> .....	11	-	-	-	-	-
Art and design workers .....	3	-	-	-	-	-
Entertainers and performers, sports and related workers .....	6	-	-	-	-	-
Athletes, coaches, umpires, and related workers .....	5	-	-	-	-	-
Athletes and sports competitors .....	3	-	-	-	-	-
<b>Protective service occupations</b> .....	12	-	-	-	-	5
Law enforcement workers .....	5	-	-	-	-	-
Other protective service workers .....	5	-	-	-	-	3
Security guards and gaming surveillance officers .....	3	-	-	-	-	-
Security guards .....	3	-	-	-	-	-
<b>Food preparation and serving related occupations</b> .....	7	-	-	-	-	5
Cooks and food preparation workers .....	3	-	-	-	-	-
<b>Building and grounds cleaning and maintenance occupations</b> .....	61	7	10	-	7	4
Supervisors, building and grounds cleaning and maintenance workers .....	11	-	-	-	-	-
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	11	-	-	-	-	-
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	9	-	-	-	-	-
Building cleaning and pest control workers .....	21	5	5	-	-	3
Building cleaning workers .....	20	4	5	-	-	3
Janitors and cleaners, except maids and housekeeping cleaners .....	17	3	5	-	-	3
Grounds maintenance workers .....	29	-	3	-	6	-
Grounds maintenance workers .....	29	-	3	-	6	-
Landscaping and groundskeeping workers .....	10	-	-	-	-	-
Tree trimmers and pruners .....	19	-	-	-	5	-
<b>Personal care and service occupations</b> .....	5	-	-	-	-	-
<b>Sales and related occupations</b> .....	20	-	5	-	-	9
Supervisors, sales workers .....	6	-	3	-	-	-
First-line supervisors/managers, sales workers .....	6	-	3	-	-	-
First-line supervisors/managers of retail sales workers .....	4	-	-	-	-	-
Retail sales workers .....	9	-	-	-	-	6
Retail salespersons .....	7	-	-	-	-	4
Retail salespersons .....	7	-	-	-	-	4

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Occupation<sup>14</sup> (SOC) - continued</b>						
<b>Office and administrative support occupations</b> .....	14	-	-	-	-	6
Information and record clerks .....	4	-	-	-	-	3
Material recording, scheduling, dispatching, and distributing workers .....	6	-	-	-	-	-
Stock clerks and order fillers .....	3	-	-	-	-	-
Stock clerks and order fillers .....	3	-	-	-	-	-
<b>Farming, fishing, and forestry occupations</b> .....	12	-	3	-	3	-
Agricultural workers .....	11	-	3	-	3	-
Miscellaneous agricultural workers .....	11	-	3	-	3	-
Farmworkers and laborers, crop, nursery, and greenhouse .....	6	-	3	-	-	-
Farmworkers, farm and ranch animals .....	5	-	-	-	-	-
<b>Construction and extraction occupations</b> .....	393	126	68	67	17	-
Supervisors, construction and extraction workers .....	25	12	5	-	-	-
First-line supervisors/managers of construction trades and extraction workers .....	25	12	5	-	-	-
First-line supervisors/managers of construction trades and extraction workers .....	25	12	5	-	-	-
Construction trades workers .....	342	108	58	62	15	-
Brickmasons, blockmasons, and stonemasons .....	12	-	-	7	-	-
Brickmasons and blockmasons .....	12	-	-	7	-	-
Carpenters .....	82	26	12	15	3	-
Carpenters .....	82	26	12	15	3	-
Construction laborers .....	111	39	15	18	6	-
Construction laborers .....	111	39	15	18	6	-
Construction equipment operators .....	5	-	-	-	-	-
Operating engineers and other construction equipment operators .....	4	-	-	-	-	-
Drywall installers, ceiling tile installers, and tapers ...	7	-	-	4	-	-
Drywall and ceiling tile installers .....	7	-	-	4	-	-
Electricians .....	14	-	5	-	4	-
Electricians .....	14	-	5	-	4	-
Insulation workers .....	3	-	-	-	-	-
Insulation workers, floor, ceiling, and wall .....	3	-	-	-	-	-
Painters and paperhangers .....	26	-	11	7	-	-
Painters, construction and maintenance .....	24	-	11	7	-	-
Pipelayers, plumbers, pipefitters, and steamfitters ...	8	-	3	3	-	-
Plumbers, pipefitters, and steamfitters .....	8	-	3	3	-	-
Reinforcing iron and rebar workers .....	4	-	-	-	-	-
Reinforcing iron and rebar workers .....	4	-	-	-	-	-
Roofers .....	44	35	6	-	-	-
Roofers .....	44	35	6	-	-	-
Structural iron and steel workers .....	21	-	-	3	-	-
Structural iron and steel workers .....	21	-	-	3	-	-
Helpers, construction trades .....	8	-	4	-	-	-
Helpers, construction trades .....	8	-	4	-	-	-
Helpers--carpenters .....	4	-	-	-	-	-
Other construction and related workers .....	7	4	-	-	-	-
Hazardous materials removal workers .....	3	3	-	-	-	-
Hazardous materials removal workers .....	3	3	-	-	-	-
Extraction workers .....	11	-	-	-	-	-
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	6	-	-	-	-	-
Derrick operators, oil and gas .....	4	-	-	-	-	-
<b>Installation, maintenance, and repair occupations</b> .....	52	8	12	4	4	7
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	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Occupation<sup>14</sup></b>						
<b>(SOC) - continued</b>						
Electrical and electronic equipment mechanics, installers, and repairers .....	5	-	3	-	-	-
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	5	-	3	-	-	-
Vehicle and mobile equipment mechanics, installers, and repairers .....	7	-	-	-	-	3
Automotive technicians and repairers .....	6	-	-	-	-	3
Automotive body and related repairers .....	4	-	-	-	-	-
Other installation, maintenance, and repair occupations .....	37	5	8	3	3	4
Heating, air conditioning, and refrigeration mechanics and installers .....	5	3	-	-	-	-
Heating, air conditioning, and refrigeration mechanics and installers .....	5	3	-	-	-	-
Industrial machinery installation, repair, and maintenance workers .....	23	-	6	3	-	3
Industrial machinery mechanics .....	3	-	-	-	-	-
Maintenance and repair workers, general .....	19	-	5	-	-	3
Line installers and repairers .....	8	-	-	-	-	-
Electrical power-line installers and repairers .....	6	-	-	-	-	-
<b>Production occupations</b> .....	34	8	-	5	5	-
Assemblers and fabricators .....	5	-	-	-	-	-
Miscellaneous assemblers and fabricators .....	3	-	-	-	-	-
Assemblers and fabricators, all other .....	3	-	-	-	-	-
Metal workers and plastic workers .....	16	6	-	-	-	-
Welding, soldering, and brazing workers .....	15	6	-	-	-	-
Welders, cutters, solderers, and brazers .....	15	6	-	-	-	-
Other production occupations .....	9	-	-	-	3	-
Miscellaneous production workers .....	5	-	-	-	-	-
Production workers, all other .....	5	-	-	-	-	-
<b>Transportation and material moving occupations</b> .....	66	-	5	-	30	10
Motor vehicle operators .....	34	-	-	-	18	5
Driver/sales workers and truck drivers .....	33	-	-	-	18	5
Truck drivers, heavy and tractor-trailer .....	28	-	-	-	17	4
Truck drivers, light or delivery services .....	4	-	-	-	-	-
Material moving workers .....	28	-	5	-	11	4
Laborers and material movers, hand .....	24	-	5	-	9	4
Laborers and freight, stock, and material movers, hand .....	20	-	5	-	8	3
<b>Industry<sup>15</sup></b>						
<b>(NAICS)</b>						
<b>Private industry</b> .....	735	160	125	81	70	55
<b>Goods-producing</b> .....	486	138	84	73	31	8
<b>Natural resources and mining</b> .....	43	4	8	-	6	-
<b>Agriculture, forestry, fishing and hunting</b> .....	32	3	7	-	6	-
Crop production .....	17	-	5	-	4	-
Vegetable and melon farming .....	3	-	-	-	-	-
Other crop farming .....	4	-	-	-	-	-
Animal production .....	10	-	-	-	-	-
Cattle ranching and farming .....	8	-	-	-	-	-
Beef cattle ranching and farming, including feedlots .....	4	-	-	-	-	-
Beef cattle ranching and farming .....	4	-	-	-	-	-
Support activities for agriculture and forestry .....	4	-	-	-	-	-
Support activities for crop production .....	3	-	-	-	-	-
Support activities for crop production .....	3	-	-	-	-	-
<b>Mining<sup>16</sup></b> .....	11	-	-	-	-	-
Support activities for mining .....	9	-	-	-	-	-

See footnotes at end of table.



TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Industry<sup>15</sup></b>						
<b>(NAICS) - continued</b>						
Support activities for mining .....	9	-	-	-	-	-
Support activities for mining .....	9	-	-	-	-	-
Drilling oil and gas wells .....	7	-	-	-	-	-
<b>Construction .....</b>	<b>394</b>	<b>130</b>	<b>69</b>	<b>65</b>	<b>18</b>	<b>-</b>
<b>Construction .....</b>	<b>394</b>	<b>130</b>	<b>69</b>	<b>65</b>	<b>18</b>	<b>-</b>
Construction of buildings .....	128	42	20	16	7	-
Residential building construction .....	71	24	15	9	-	-
Residential building construction .....	71	24	15	9	-	-
New single-family housing construction (except operative builders) .....	26	11	-	4	-	-
New multi-family housing construction (except operative builders) .....	8	-	-	-	-	-
Residential remodelers .....	23	7	8	4	-	-
Nonresidential building construction .....	38	10	-	5	6	-
Industrial building construction .....	9	-	-	-	-	-
Commercial and institutional building construction ...	26	7	-	5	4	-
Heavy and civil engineering construction .....	12	-	-	-	-	-
Utility system construction .....	8	-	-	-	-	-
Power and communication line and related structures construction .....	5	-	-	-	-	-
Highway, street, and bridge construction .....	3	-	-	-	-	-
Highway, street, and bridge construction .....	3	-	-	-	-	-
Specialty trade contractors .....	237	83	43	47	9	-
Residential specialty trade contractors .....	3	-	-	-	-	-
Foundation, structure, and building exterior contractors	130	64	10	26	-	-
Structural steel and precast concrete contractors .....	20	3	-	4	-	-
Nonresidential structural steel and precast concrete contractors .....	13	-	-	-	-	-
Framing contractors .....	26	11	-	4	-	-
Residential framing contractors .....	13	4	-	4	-	-
Nonresidential framing contractors .....	3	-	-	-	-	-
Masonry contractors .....	16	-	-	11	-	-
Residential masonry contractors .....	3	-	-	-	-	-
Nonresidential masonry contractors .....	5	-	-	4	-	-
Roofing contractors .....	56	47	6	-	-	-
Residential roofing contractors .....	21	16	4	-	-	-
Nonresidential roofing contractors .....	6	5	-	-	-	-
Siding contractors .....	4	-	-	4	-	-
Other foundation, structure, and building exterior contractors .....	5	-	-	-	-	-
Building equipment contractors .....	36	5	12	6	-	-
Electrical contractors .....	16	-	7	-	-	-
Nonresidential electrical contractors .....	5	-	-	-	-	-
Plumbing, heating, and air-conditioning contractors	16	4	3	3	-	-
Nonresidential plumbing, heating, and air-conditioning contractors .....	6	-	-	3	-	-
Other building equipment contractors .....	4	-	-	-	-	-
Building finishing contractors .....	49	11	17	13	-	-
Drywall and insulation contractors .....	11	-	-	7	-	-
Nonresidential drywall and insulation contractors	3	-	-	-	-	-
Painting and wall covering contractors .....	17	3	9	4	-	-
Residential painting and wall covering contractors	6	-	4	-	-	-
Nonresidential painting and wall covering contractors .....	4	-	-	-	-	-
Finish carpentry contractors .....	13	5	5	-	-	-
Residential finish carpentry contractors .....	4	-	-	-	-	-
Other building finishing contractors .....	3	-	-	-	-	-
Other specialty trade contractors .....	16	3	-	-	4	-
Site preparation contractors .....	8	-	-	-	-	-
Nonresidential site preparation contractors .....	4	-	-	-	-	-
All other specialty trade contractors .....	8	-	-	-	-	-
Nonresidential all other specialty trade contractors .....	4	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Industry<sup>15</sup></b>						
<b>(NAICS) - continued</b>						
<b>Manufacturing</b> .....	49	4	7	8	7	4
<b>Manufacturing</b> .....	49	4	7	8	7	4
Food manufacturing .....	6	—	—	—	—	—
Beverage and tobacco product manufacturing .....	3	—	—	—	—	—
Beverage manufacturing .....	3	—	—	—	—	—
Soft drink and ice manufacturing .....	3	—	—	—	—	—
Wood product manufacturing .....	5	—	—	—	—	—
Other wood product manufacturing .....	4	—	—	—	—	—
All other wood product manufacturing .....	4	—	—	—	—	—
Plastics and rubber products manufacturing .....	4	—	—	—	—	—
Plastics product manufacturing .....	4	—	—	—	—	—
Other plastics product manufacturing .....	3	—	—	—	—	—
All other plastics product manufacturing .....	3	—	—	—	—	—
Nonmetallic mineral product manufacturing .....	4	—	—	—	—	—
Fabricated metal product manufacturing .....	8	—	—	—	—	—
Architectural and structural metals manufacturing .....	3	—	—	—	—	—
Plate work and fabricated structural product manufacturing .....	3	—	—	—	—	—
Fabricated structural metal manufacturing .....	3	—	—	—	—	—
Boiler, tank, and shipping container manufacturing .....	3	—	—	—	—	—
Transportation equipment manufacturing .....	5	—	—	—	—	—
Ship and boat building .....	3	—	—	—	—	—
Ship and boat building .....	3	—	—	—	—	—
<b>Service-providing</b> .....	249	22	41	8	39	47
<b>Trade, transportation, and utilities</b> .....	95	4	11	—	28	20
<b>Wholesale trade</b> .....	18	—	4	—	5	—
Merchant wholesalers, durable goods .....	8	—	—	—	3	—
Merchant wholesalers, nondurable goods .....	9	—	—	—	—	—
<b>Retail trade</b> .....	34	—	5	—	5	13
Motor vehicle and parts dealers .....	5	—	—	—	—	—
Automobile dealers .....	5	—	—	—	—	—
Building material and garden equipment and supplies dealers .....	5	—	—	—	—	—
Building material and supplies dealers .....	4	—	—	—	—	—
Home centers .....	3	—	—	—	—	—
Food and beverage stores .....	8	—	—	—	—	4
Grocery stores .....	6	—	—	—	—	3
Supermarkets and other grocery (except convenience) stores .....	6	—	—	—	—	3
General merchandise stores .....	5	—	—	—	—	3
Other general merchandise stores .....	3	—	—	—	—	—
Miscellaneous store retailers .....	5	—	—	—	—	—
Nonstore retailers .....	3	—	—	—	—	—
Direct selling establishments .....	3	—	—	—	—	—
<b>Transportation and warehousing</b> .....	36	—	—	—	17	5
Truck transportation .....	25	—	—	—	13	4
General freight trucking .....	22	—	—	—	10	4
General freight trucking, local .....	5	—	—	—	3	—
General freight trucking, long-distance .....	16	—	—	—	7	4
General freight trucking, long-distance, truckload .....	10	—	—	—	5	3
Specialized freight trucking .....	3	—	—	—	3	—
Warehousing and storage .....	4	—	—	—	—	—
Warehousing and storage .....	4	—	—	—	—	—
<b>Utilities</b> .....	7	—	—	—	—	—
Utilities .....	7	—	—	—	—	—
Electric power generation, transmission and distribution .....	5	—	—	—	—	—
Electric power generation .....	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Industry<sup>15</sup> (NAICS) - continued</b>						
<b>Information</b> .....	5	-	-	-	-	-
<b>Information</b> .....	5	-	-	-	-	-
Telecommunications .....	4	-	-	-	-	-
<b>Financial activities</b> .....	18	-	6	-	-	5
<b>Finance and insurance</b> .....	3	-	-	-	-	-
<b>Real estate and rental and leasing</b> .....	15	-	5	-	-	3
Real estate .....	12	-	5	-	-	3
Lessors of real estate .....	7	-	3	-	-	-
Lessors of residential buildings and dwellings .....	3	-	-	-	-	-
Activities related to real estate .....	3	-	-	-	-	-
Real estate property managers .....	3	-	-	-	-	-
Residential property managers .....	3	-	-	-	-	-
<b>Professional and business services</b> .....	73	10	11	-	10	3
<b>Professional, scientific, and technical services</b> .....	10	-	3	-	-	-
Professional, scientific, and technical services .....	10	-	3	-	-	-
Architectural, engineering, and related services .....	4	-	-	-	-	-
Engineering services .....	4	-	-	-	-	-
Advertising and related services .....	3	-	-	-	-	-
Display advertising .....	3	-	-	-	-	-
<b>Administrative and waste services</b> .....	63	9	8	-	10	-
Administrative and support services .....	58	7	8	-	9	-
Employment services .....	9	-	-	-	3	-
Professional employer organizations .....	7	-	-	-	3	-
Services to buildings and dwellings .....	46	5	6	-	6	-
Janitorial services .....	9	-	-	-	-	-
Landscaping services .....	36	-	4	-	6	-
Waste management and remediation services .....	5	-	-	-	-	-
Remediation and other waste management services .....	3	-	-	-	-	-
<b>Educational and health services</b> .....	15	-	-	-	-	9
<b>Educational services</b> .....	5	-	-	-	-	-
Educational services .....	5	-	-	-	-	-
Other schools and instruction .....	3	-	-	-	-	-
<b>Health care and social assistance</b> .....	10	-	-	-	-	7
Hospitals .....	3	-	-	-	-	3
General medical and surgical hospitals .....	3	-	-	-	-	3
General medical and surgical hospitals .....	3	-	-	-	-	3
Nursing and residential care facilities .....	3	-	-	-	-	-
<b>Leisure and hospitality</b> .....	18	-	-	-	-	6
<b>Arts, entertainment, and recreation</b> .....	7	-	-	-	-	-
Performing arts, spectator sports, and related industries .....	5	-	-	-	-	-
Spectator sports .....	3	-	-	-	-	-
Spectator sports .....	3	-	-	-	-	-
Other spectator sports .....	3	-	-	-	-	-
<b>Accommodation and food services</b> .....	11	-	-	-	-	5
Accommodation .....	5	-	-	-	-	-
Traveler accommodation .....	4	-	-	-	-	-
Hotels (except casino hotels) and motels .....	4	-	-	-	-	-
Food services and drinking places .....	6	-	-	-	-	3
Full-service restaurants .....	3	-	-	-	-	-
Full-service restaurants .....	3	-	-	-	-	-
Limited-service eating places .....	3	-	-	-	-	-
Limited-service eating places .....	3	-	-	-	-	-

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Industry<sup>15</sup> (NAICS) - continued</b>						
<b>Other services, except public administration</b> .....	23	5	8	—	—	4
<b>Other services, except public administration</b> .....	23	5	8	—	—	4
Repair and maintenance .....	6	—	—	—	—	3
Automotive repair and maintenance .....	5	—	—	—	—	3
Automotive mechanical and electrical repair and maintenance .....	3	—	—	—	—	—
General automotive repair .....	3	—	—	—	—	—
Personal and laundry services .....	3	—	—	—	—	—
Religious, grantmaking, civic, professional, and similar organizations .....	12	—	6	—	—	—
Religious organizations .....	8	—	3	—	—	—
Religious organizations .....	8	—	3	—	—	—
Civic and social organizations .....	3	—	3	—	—	—
Civic and social organizations .....	3	—	3	—	—	—
<b>Government<sup>17</sup></b> .....	35	—	4	—	5	11
<b>Federal government (including resident armed forces)</b> .....	9	—	—	—	—	3
<b>Service-providing</b> .....	9	—	—	—	—	3
<b>Trade, transportation, and utilities</b> .....	3	—	—	—	—	—
<b>Public administration</b> .....	4	—	—	—	—	—
<b>Public administration</b> .....	4	—	—	—	—	—
<b>State government</b> .....	3	—	—	—	—	—
<b>Service-providing</b> .....	3	—	—	—	—	—
<b>Local government</b> .....	23	—	—	—	—	8
<b>Service-providing</b> .....	21	—	—	—	—	8
<b>Educational and health services</b> .....	10	—	—	—	—	4
<b>Educational services</b> .....	9	—	—	—	—	4
Educational services .....	9	—	—	—	—	4
Elementary and secondary schools .....	9	—	—	—	—	4
Elementary and secondary schools .....	9	—	—	—	—	4

See footnotes at end of table.

TABLE F-3. Fatal occupational injuries from falls by type of fall<sup>1</sup>, 2005 — 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
<b>Industry<sup>15</sup> (NAICS) - continued</b>						
<b>Public administration</b> .....	7	-	-	-	-	3
<b>Public administration</b> .....	7	-	-	-	-	3
Justice, public order, and safety activities .....	6	-	-	-	-	3
Justice, public order, and safety activities .....	6	-	-	-	-	3
Police protection .....	3	-	-	-	-	-

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

<sup>2</sup> May include volunteers and workers receiving other types of compensation.

<sup>3</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>4</sup> Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.

<sup>5</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>6</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>7</sup> Includes, but is not limited to, walking, sitting, running, and climbing ladders or stairs.

<sup>8</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>9</sup> Primarily includes outdoor areas such as bodies of water, woods, noncultivated fields, and parking lots.

<sup>10</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>11</sup> Private residence fatalities primarily occurred to repair or maintenance workers, police while on duty, firefighters, or residential construction workers.

<sup>12</sup> The residential construction location category was implemented in 1998.

<sup>13</sup> Includes children's home, dormitory, hospital, jail, nursing home, and reform school.

<sup>14</sup> Based on the 2000 Standard Occupational Classification system.

<sup>15</sup> Based on the North American Industry Classification System, 2002.

<sup>16</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>17</sup> Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for 2005 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