

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Total	607	160	146	125	68	47
Employee status						
Wage and salary workers ²	441	143	87	73	52	40
Self-employed ³	166	17	59	52	16	7
Sex						
Men	590	159	138	124	68	43
Women	17	—	8	—	—	4
Age						
Under 16 years	3	—	—	—	—	—
16 to 17 years	6	—	—	—	—	—
18 to 19 years	12	5	—	—	—	—
20 to 24 years	36	17	4	4	3	—
25 to 34 years	101	24	18	25	12	6
35 to 44 years	134	43	27	28	18	10
45 to 54 years	140	33	27	34	16	14
55 to 64 years	89	18	30	20	10	7
65 and over	86	17	36	11	7	6
Race or ethnic origin⁴						
White	435	94	118	95	50	35
Black or African American	46	10	9	15	3	3
Hispanic or Latino	108	49	16	14	14	7
American Indian or Alaskan Native	5	3	—	—	—	—
Asian, Native Hawaiian or Pacific Islander	9	—	—	—	—	—
Other races or not reported	4	—	—	—	—	—
Event or exposure¹						
Contact with objects and equipment	607	160	146	125	68	47
Struck by object	607	160	146	125	68	47
Struck by falling object	385	111	52	109	38	38
Struck by flying object	53	31	—	3	—	4
Struck by dislodged flying object	26	20	—	3	—	3
Struck by discharged object or substance	16	5	—	—	—	—
Struck by flying object, n.e.c.	9	5	—	—	—	—
Struck by swinging or slipping object	45	8	4	8	15	—
Struck by rolling, sliding objects on floor or ground level	94	3	86	—	4	—
Primary source⁵						
Vehicles	146	—	146	—	—	—
Highway vehicle, motorized	88	—	88	—	—	—
Automobile	18	—	18	—	—	—
Bus	4	—	4	—	—	—
Truck	59	—	59	—	—	—
Delivery truck	3	—	3	—	—	—
Dump truck	10	—	10	—	—	—
Pickup truck	11	—	11	—	—	—
Semitrailer, tractor trailer, trailer truck	17	—	17	—	—	—
Van--passenger or light delivery	6	—	6	—	—	—
Plant and industrial powered vehicles, tractors	51	—	51	—	—	—
Forklift	10	—	10	—	—	—
Tractor	40	—	40	—	—	—
Structures and surfaces	33	—	—	—	—	—
Floors, walkways, ground surfaces	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Primary source⁵ - continued						
Other structural elements	20	-	-	-	-	-
Doors	4	-	-	-	-	-
Gates	3	-	-	-	-	-
Walls	8	-	-	-	-	-
Structures	9	-	-	-	-	-
Buildings--office, plant, residential	5	-	-	-	-	-
Machinery	68	-	-	-	68	-
Agricultural and garden machinery	8	-	-	-	8	-
Harvesting and threshing machinery	3	-	-	-	3	-
Construction, logging, and mining machinery	24	-	-	-	24	-
Excavating machinery	10	-	-	-	10	-
Backhoes	5	-	-	-	5	-
Loaders	7	-	-	-	7	-
Front end loaders	4	-	-	-	4	-
Road grading and surfacing machinery	4	-	-	-	4	-
Material handling (cranes, conveyers, jacks)	20	-	-	-	20	-
Conveyors--powered	3	-	-	-	3	-
Cranes	10	-	-	-	10	-
Elevators	6	-	-	-	6	-
Manlifts	3	-	-	-	3	-
Metal, woodworking, and special material machinery ...	7	-	-	-	7	-
Extruding, injecting, forming, molding machinery	3	-	-	-	3	-
Special process machinery	4	-	-	-	4	-
Parts and materials	160	160	-	-	-	-
Building materials--solid elements	102	102	-	-	-	-
Bricks, blocks, structural stone	22	22	-	-	-	-
Structural stones or slabs, n.e.c.	16	16	-	-	-	-
Pipes, ducts, tubing	24	24	-	-	-	-
Structural metal materials	30	30	-	-	-	-
Plates, metal panels	7	7	-	-	-	-
Wood, lumber	17	17	-	-	-	-
Other building materials--solid elements	8	8	-	-	-	-
Fasteners, connectors, ropes, ties	6	6	-	-	-	-
Fasteners	3	3	-	-	-	-
Ropes, ties	3	3	-	-	-	-
Machine, tool, and electrical parts	28	28	-	-	-	-
Metal materials--nonstructural	4	4	-	-	-	-
Metal sheets, ingots, bars--nonstructural	3	3	-	-	-	-
Vehicle and mobile equipment parts	16	16	-	-	-	-
Tires, inner tubes, wheels	5	5	-	-	-	-
Trailers	5	5	-	-	-	-
Persons, plants, animals, and minerals	125	-	-	125	-	-
Person--other than injured or ill worker	6	-	-	6	-	-
Plants, trees, vegetation--not processed	118	-	-	118	-	-
Trees, logs	118	-	-	118	-	-
Tools, instruments, and equipment	8	-	-	-	-	-
Handtools--nonpowered	3	-	-	-	-	-
Handtools--powered	3	-	-	-	-	-
Cutting handtools	3	-	-	-	-	-
Containers	47	-	-	-	-	47
Containers-nonpressurized	15	-	-	-	-	15
Boxes, crates, cartons	5	-	-	-	-	5
Tanks, bins, vats	5	-	-	-	-	5
Containers-pressurized	4	-	-	-	-	4
Hoses	4	-	-	-	-	4
Containers-variable restraint	22	-	-	-	-	22
Bundles, bales	17	-	-	-	-	17
Reels, rolls	4	-	-	-	-	4
Skids, pallets	6	-	-	-	-	6
Other	20	-	-	-	-	-

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Primary source⁵ - continued						
Furniture and fixtures	5	-	-	-	-	-
Ammunition	10	-	-	-	-	-
Bullets	9	-	-	-	-	-
Scrap, waste, debris	4	-	-	-	-	-
Secondary source⁶						
Vehicles	92	38	12	5	7	22
Highway vehicle, motorized	47	19	9	4	-	11
Truck	46	19	9	4	-	10
Pickup truck	4	-	-	-	-	-
Semitrailer, tractor trailer, trailer truck	24	9	4	-	-	7
Plant and industrial powered vehicles, tractors	43	17	3	-	6	11
Forklift	35	15	-	-	4	9
Tractor	7	-	-	-	-	-
Structures and surfaces	40	16	13	-	6	-
Floors, walkways, ground surfaces	15	7	7	-	-	-
Floors	4	4	-	-	-	-
Ground	4	-	-	-	-	-
Other floors, walkways, ground surfaces	7	-	5	-	-	-
Ramps, runways, loading docks	6	-	5	-	-	-
Other structural elements	11	3	4	-	3	-
Roof	4	3	-	-	-	-
Walls	6	-	3	-	3	-
Structures	14	6	-	-	3	-
Towers, poles	5	-	-	-	-	-
Machinery	117	56	27	10	7	9
Construction, logging, and mining machinery	32	17	-	9	3	-
Excavating machinery	12	9	-	-	-	-
Backhoes	6	4	-	-	-	-
Trenchers	3	3	-	-	-	-
Loaders	8	-	-	-	-	-
Front end loaders	7	-	-	-	-	-
Logging and wood processing machinery--specialized	10	5	-	5	-	-
Chippers	4	4	-	-	-	-
Forwarder/yarder, skidder	4	-	-	4	-	-
Material handling (cranes, conveyers, jacks)	70	28	25	-	4	6
Cranes	29	21	-	-	-	4
Cranes--mobile, truck, rail mounted	7	5	-	-	-	-
Cranes--overhead	5	5	-	-	-	-
Overhead hoists	5	-	-	-	-	-
Jacks	32	-	23	-	-	-
Metal, woodworking, and special material machinery ...	11	10	-	-	-	-
Sawing machinery, stationary	4	4	-	-	-	-
Table saws	3	3	-	-	-	-
Parts and materials	34	11	9	-	8	-
Building materials--solid elements	10	-	3	-	4	-
Bricks, blocks, structural stone	4	-	-	-	-	-
Pipes, ducts, tubing	4	-	-	-	-	-
Fasteners, connectors, ropes, ties	15	7	3	-	-	-
Ropes, ties	12	6	3	-	-	-
Chains, n.e.c.	6	-	3	-	-	-
Machine, tool, and electrical parts	6	-	-	-	-	-
Vehicle and mobile equipment parts	3	-	-	-	-	-
Trailers	3	-	-	-	-	-
Persons, plants, animals, and minerals	23	-	-	19	3	-
Plants, trees, vegetation--not processed	21	-	-	19	-	-
Trees, logs	20	-	-	18	-	-
Tools, instruments, and equipment	27	6	-	11	-	-

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Secondary source⁶ - continued						
Handtools--powered	15	4	—	10	—	—
Cutting handtools	11	—	—	10	—	—
Chainsaws	10	—	—	10	—	—
Other tools	9	—	—	—	—	—
Firearms	9	—	—	—	—	—
Pistol, handgun, revolver	4	—	—	—	—	—
Containers	8	3	3	—	—	—
Containers-nonpressurized	6	—	—	—	—	—
Tanks, bins, vats	4	—	—	—	—	—
Other	8	3	—	—	—	—
Furniture and fixtures	4	3	—	—	—	—
Cases, cabinets, racks, and shelves	3	—	—	—	—	—
Atmospheric and environmental conditions	4	—	—	—	—	—
Weather and atmospheric conditions	4	—	—	—	—	—
Not reported	256	27	80	78	37	10
Nature¹						
Traumatic injuries to bones, nerves, spinal cord	19	5	3	5	—	—
Traumatic injuries to spinal cord	5	—	—	—	—	—
Multiple traumatic injuries to bones, nerves, spinal cord	14	4	—	3	—	—
Open wounds	25	7	—	—	—	—
Amputations	4	—	—	—	—	—
Cuts, lacerations	5	—	—	—	—	—
Gunshot wounds	9	—	—	—	—	—
Punctures, except bites	6	4	—	—	—	—
Intracranial injuries	194	62	24	58	15	23
Multiple intracranial injuries	144	47	19	39	12	18
Multiple traumatic injuries and disorders	184	48	44	34	24	14
Intracranial injuries and injuries to internal organs	54	14	8	11	9	6
Other combinations of traumatic injuries	34	11	5	8	3	3
Other traumatic injuries and disorders	180	35	73	27	27	8
Asphyxiations/strangulations, suffocations ⁷	45	6	20	4	10	3
Internal injuries to organs and blood vessels of the trunk	132	27	52	23	17	5
Part of body¹						
Head	197	63	24	59	15	23
Cranial region, including skull	194	62	24	58	15	23
Brain	194	62	24	58	15	23
Neck, including throat	12	4	—	—	—	—
Neck, except internal location of diseases or disorders	12	4	—	—	—	—
Trunk	158	33	56	28	19	6
Chest, including ribs, internal organs	62	12	26	10	9	—
Back, including spine, spinal cord	13	4	—	5	—	—
Abdomen	13	4	—	—	—	—
Pelvic region	6	—	—	—	—	—
Multiple trunk locations	49	11	17	7	7	3
Lower extremities	10	4	—	—	—	—
Body systems	41	6	18	3	9	3

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Part of body¹ - continued						
Multiple body parts	187	49	44	34	24	15
Worker activity						
Vehicular and transportation operations	62	9	37	3	5	4
Driving, operating	15	3	—	3	3	3
Truck	3	—	—	—	—	—
Industrial or construction vehicle	10	—	—	—	3	—
Boarding, alighting	12	—	12	—	—	—
Directing, flagging traffic	8	5	—	—	—	—
Walking in or near roadway, etc., n.e.c.	13	—	11	—	—	—
Vehicular and transportation operations, n.e.c.	13	—	11	—	—	—
Boarding, alighting farm vehicle	6	—	6	—	—	—
Using or operating tools, machinery	182	33	8	103	15	12
Operating heavy equipment	27	8	4	4	6	4
Crane	11	7	—	—	—	—
Farm machinery	4	—	3	—	—	—
Materials handling machinery	4	—	—	—	—	—
Operating machinery	20	9	—	3	4	—
Using power tools	19	3	—	11	—	—
Using nonpowered hand tools	6	—	—	—	—	—
Operating or reading gauges, valves, switches	4	—	—	—	—	—
Welding	13	7	—	—	3	—
Logging, trimming, pruning	88	3	—	85	—	—
Using or operating tools, machinery, gauges, n.e.c.	3	—	—	—	—	—
Constructing, repairing, cleaning	204	64	70	5	34	6
Construction, assembling, dismantling	72	40	5	—	9	3
Constructing, assembling	19	12	—	—	—	—
Installing	19	10	—	—	—	—
Dismantling, removing	20	11	3	—	3	—
Repair, maintenance	98	15	56	—	22	—
Repairing	57	9	32	—	14	—
Maintenance	6	—	3	—	—	—
Adjusting	3	—	—	—	—	—
Unjamming	7	—	4	—	—	—
Inspecting or checking	8	—	4	—	—	—
Cleaning, washing	9	—	—	—	—	—
Clearing, spraying	11	—	4	5	—	—
Protective service activities	6	—	—	—	—	—
Fighting a fire	3	—	—	—	—	—
Materials handling operations	99	43	13	3	13	20
Lifting materials	3	—	—	—	—	—
Loading, unloading (packing, unpacking) materials	58	24	9	—	7	13
Materials handling, n.e.c.	21	9	3	—	5	—
Physical activity⁸, n.e.c.	31	7	9	7	—	3
All other activities	23	4	7	3	—	—
Animal care and tending	4	—	—	—	—	—
Teaching	4	—	—	—	—	—
Activity, n.e.c.	13	4	5	—	—	—
Location						
Street or highway	49	12	21	10	4	—
Interstate, freeway, or expressway	4	—	—	—	—	—
Local road or street	30	—	18	8	—	—
Road construction ⁹	12	9	—	—	—	—

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Location - continued						
Industrial place or premise	259	109	44	6	38	35
Industrial place and premises, unspecified	10	3	3	—	—	—
Dockyard	8	—	—	—	3	3
Loading platform, factory or store	16	6	7	—	—	—
Warehouse	15	8	—	—	—	5
Construction site	66	39	—	3	9	5
Factory, plant	59	26	5	—	11	9
Industrial place or premises, nec	59	18	18	—	11	4
Other specified place ¹⁰	110	4	18	76	5	—
Parking lot, garage (employer's premises)	16	—	14	—	—	—
Parking lot, garage (except employer's premises)	8	3	—	—	—	—
Woods	75	—	—	72	—	—
Public building ¹¹	24	3	8	—	—	—
Convenience store	3	—	—	—	—	—
Shop, commercial store (except grocery)	4	—	3	—	—	—
Farm	84	7	45	6	13	8
Farm buildings	9	—	3	—	—	—
Farm land under cultivation, fields, meadows	37	—	24	3	6	—
Private residence ¹²	58	19	7	18	6	—
Residential construction ¹³	36	16	—	5	5	—
Mine, quarry	4	—	—	—	—	—
Place for recreation and sport	15	—	—	6	—	—
Recreational and sports areas	10	—	—	4	—	—
Unspecified place	3	—	—	—	—	—
Occupation¹⁴ (SOC)						
Management occupations	73	10	39	6	9	4
Other management occupations	70	7	39	6	9	4
Agricultural managers	67	5	39	6	9	4
Farmers and ranchers	67	5	39	6	9	4
Construction managers	3	—	—	—	—	—
Construction managers	3	—	—	—	—	—
Architecture and engineering occupations	3	—	—	—	—	—
Arts, design, entertainment, sports, and media occupations	5	—	—	4	—	—
Entertainers and performers, sports and related workers	5	—	—	4	—	—
Athletes, coaches, umpires, and related workers	5	—	—	4	—	—
Athletes and sports competitors	4	—	—	4	—	—
Protective service occupations	14	—	3	—	—	—
Fire fighting and prevention workers	4	—	3	—	—	—
Fire fighters	4	—	3	—	—	—
Fire fighters	4	—	3	—	—	—
Law enforcement workers	6	—	—	—	—	—
Police officers	4	—	—	—	—	—
Police and sheriff's patrol officers	4	—	—	—	—	—
Other protective service workers	4	—	—	—	—	—
Security guards and gaming surveillance officers	4	—	—	—	—	—
Security guards	4	—	—	—	—	—
Building and grounds cleaning and maintenance occupations	33	3	—	27	—	—

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Occupation¹⁴ (SOC) - continued						
Supervisors, building and grounds cleaning and maintenance workers	4	—	—	—	—	—
First-line supervisors/managers, building and grounds cleaning and maintenance workers	4	—	—	—	—	—
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	4	—	—	—	—	—
Grounds maintenance workers	29	—	—	25	—	—
Grounds maintenance workers	29	—	—	25	—	—
Landscaping and groundskeeping workers	9	—	—	6	—	—
Tree trimmers and pruners	20	—	—	19	—	—
Personal care and service occupations	4	—	—	—	—	—
Sales and related occupations	12	—	6	—	—	—
Supervisors, sales workers	6	—	3	—	—	—
First-line supervisors/managers, sales workers	6	—	3	—	—	—
First-line supervisors/managers of non-retail sales workers	5	—	3	—	—	—
Retail sales workers	4	—	3	—	—	—
Office and administrative support occupations	4	—	3	—	—	—
Material recording, scheduling, dispatching, and distributing workers	3	—	—	—	—	—
Farming, fishing, and forestry occupations	83	4	8	65	4	—
Supervisors, farming, fishing, and forestry workers	4	—	—	3	—	—
First-line supervisors/managers of farming, fishing, and forestry workers	4	—	—	3	—	—
First-line supervisors/managers of farming, fishing, and forestry workers	4	—	—	3	—	—
Agricultural workers	14	—	6	—	4	—
Miscellaneous agricultural workers	14	—	6	—	4	—
Farmworkers and laborers, crop, nursery, and greenhouse	5	—	3	—	—	—
Farmworkers, farm and ranch animals	9	—	3	—	4	—
Forest, conservation, and logging workers	65	—	—	62	—	—
Logging workers	64	—	—	62	—	—
Fallers	51	—	—	51	—	—
Logging workers, all other	10	—	—	9	—	—
Construction and extraction occupations	135	66	7	13	21	10
Supervisors, construction and extraction workers	14	8	—	—	—	—
First-line supervisors/managers of construction trades and extraction workers	14	8	—	—	—	—
First-line supervisors/managers of construction trades and extraction workers	14	8	—	—	—	—
Construction trades workers	100	49	4	9	14	8
Carpenters	14	7	—	—	—	—
Carpenters	14	7	—	—	—	—
Construction laborers	56	30	—	5	8	4
Construction laborers	56	30	—	5	8	4
Construction equipment operators	11	—	—	3	4	—
Operating engineers and other construction equipment operators	11	—	—	3	4	—
Electricians	3	—	—	—	—	—
Electricians	3	—	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters ...	5	3	—	—	—	—
Plumbers, pipefitters, and steamfitters	3	—	—	—	—	—
Structural iron and steel workers	4	3	—	—	—	—
Structural iron and steel workers	4	3	—	—	—	—
Extraction workers	17	8	—	—	5	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining	5	—	—	—	—	—
Derrick operators, oil and gas	3	—	—	—	—	—
Roustabouts, oil and gas	3	—	—	—	—	—

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Occupation¹⁴ (SOC) - continued						
Roustabouts, oil and gas	3	—	—	—	—	—
Miscellaneous extraction workers	7	4	—	—	—	—
Extraction workers, all other	7	4	—	—	—	—
Installation, maintenance, and repair occupations	63	10	35	—	13	—
Vehicle and mobile equipment mechanics, installers, and repairers	40	6	25	—	8	—
Automotive technicians and repairers	15	—	13	—	—	—
Automotive service technicians and mechanics	13	—	12	—	—	—
Bus and truck mechanics and diesel engine specialists	8	—	7	—	—	—
Bus and truck mechanics and diesel engine specialists	8	—	7	—	—	—
Heavy vehicle and mobile equipment service technicians and mechanics	16	5	4	—	6	—
Farm equipment mechanics	3	—	—	—	—	—
Mobile heavy equipment mechanics, except engines	13	5	3	—	4	—
Other installation, maintenance, and repair occupations	20	3	10	—	4	—
Industrial machinery installation, repair, and maintenance workers	14	—	7	—	4	—
Industrial machinery mechanics	7	—	—	—	—	—
Maintenance and repair workers, general	6	—	5	—	—	—
Miscellaneous installation, maintenance, and repair workers	6	—	3	—	—	—
Helpers--installation, maintenance, and repair workers	3	—	—	—	—	—
Production occupations	58	25	4	—	12	8
First-line supervisors/managers of production and operating workers	8	—	—	—	—	—
First-line supervisors/managers of production and operating workers	8	—	—	—	—	—
Assemblers and fabricators	8	—	3	—	3	—
Miscellaneous assemblers and fabricators	6	—	3	—	—	—
Assemblers and fabricators, all other	6	—	3	—	—	—
Metal workers and plastic workers	22	14	—	—	4	—
Machine tool cutting setters, operators, and tenders, metal and plastic	4	3	—	—	—	—
Welding, soldering, and brazing workers	13	8	—	—	3	—
Welders, cutters, solderers, and brazers	12	7	—	—	3	—
Woodworkers	5	4	—	—	—	—
Woodworking machine setters, operators, and tenders	5	4	—	—	—	—
Sawing machine setters, operators, and tenders, wood	5	4	—	—	—	—
Other production occupations	13	3	—	—	—	5
Miscellaneous production workers	10	3	—	—	—	4
Production workers, all other	8	—	—	—	—	3
Transportation and material moving occupations	115	35	39	4	7	20
Supervisors, transportation and material moving workers	3	—	—	—	—	—
Motor vehicle operators	65	17	31	3	—	8
Driver/sales workers and truck drivers	63	17	29	3	—	8
Truck drivers, heavy and tractor-trailer	59	15	27	3	—	8
Truck drivers, light or delivery services	3	—	—	—	—	—
Material moving workers	45	18	7	—	4	11
Crane and tower operators	6	4	—	—	—	—
Crane and tower operators	6	4	—	—	—	—
Dredge, excavating, and loading machine operators	3	—	—	—	—	—
Industrial truck and tractor operators	3	—	—	—	—	—
Industrial truck and tractor operators	3	—	—	—	—	—
Laborers and material movers, hand	29	13	5	—	—	7

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Occupation¹⁴						
(SOC) - continued						
Laborers and freight, stock, and material movers, hand	29	13	5	—	—	7
Refuse and recyclable material collectors	3	—	—	—	—	—
Refuse and recyclable material collectors	3	—	—	—	—	—
Industry¹⁵						
(NAICS)						
Private industry	576	157	136	117	68	44
Goods-producing	379	119	65	85	54	28
Natural resources and mining	181	20	50	70	25	10
Agriculture, forestry, fishing and hunting	153	8	47	69	17	8
Crop production	60	4	35	6	9	5
Oilseed and grain farming	4	—	—	—	—	—
Other grain farming	3	—	—	—	—	—
Other crop farming	17	—	14	—	—	—
Cotton farming	3	—	3	—	—	—
All other crop farming	12	—	10	—	—	—
All other miscellaneous crop farming	12	—	10	—	—	—
Animal production	23	3	10	—	5	—
Cattle ranching and farming	18	—	7	—	5	—
Beef cattle ranching and farming, including feedlots	5	—	—	—	—	—
Beef cattle ranching and farming	5	—	—	—	—	—
Dairy cattle and milk production	9	—	—	—	5	—
Forestry and logging	66	—	—	62	—	—
Logging	63	—	—	59	—	—
Logging	63	—	—	59	—	—
Support activities for agriculture and forestry	4	—	—	—	—	—
Support activities for crop production	3	—	—	—	—	—
Support activities for crop production	3	—	—	—	—	—
Mining¹⁶	28	12	—	—	8	—
Mining (except oil and gas)	7	—	—	—	—	—
Nonmetallic mineral mining and quarrying	4	—	—	—	—	—
Support activities for mining	19	8	—	—	8	—
Support activities for mining	19	8	—	—	8	—
Support activities for mining	19	8	—	—	8	—
Drilling oil and gas wells	7	5	—	—	—	—
Support activities for oil and gas operations	12	3	—	—	6	—
Construction	130	65	7	12	19	9
Construction	130	65	7	12	19	9
Construction of buildings	26	14	—	—	3	—
Residential building construction	16	8	—	—	—	—
Residential building construction	16	8	—	—	—	—
New single-family housing construction (except operative builders)	6	—	—	—	—	—
Nonresidential building construction	8	5	—	—	—	—
Industrial building construction	5	3	—	—	—	—
Heavy and civil engineering construction	26	17	—	—	4	—
Utility system construction	10	7	—	—	—	—
Water and sewer line and related structures construction	5	5	—	—	—	—
Power and communication line and related structures construction	3	—	—	—	—	—
Highway, street, and bridge construction	12	7	—	—	3	—
Highway, street, and bridge construction	12	7	—	—	3	—
Other heavy and civil engineering construction	3	3	—	—	—	—
Other heavy and civil engineering construction	3	3	—	—	—	—
Specialty trade contractors	71	33	5	7	12	6

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Industry¹⁵						
(NAICS) - continued						
Foundation, structure, and building exterior contractors	28	20	-	-	-	4
Poured concrete foundation and structure contractors	7	5	-	-	-	-
Structural steel and precast concrete contractors	6	5	-	-	-	-
Nonresidential structural steel and precast concrete contractors	5	4	-	-	-	-
Framing contractors	5	3	-	-	-	-
Masonry contractors	5	4	-	-	-	-
Building equipment contractors	10	4	-	-	3	-
Electrical contractors	3	-	-	-	-	-
Plumbing, heating, and air-conditioning contractors	6	-	-	-	-	-
Building finishing contractors	3	-	-	-	-	-
Other specialty trade contractors	30	7	3	6	9	-
Site preparation contractors	24	6	3	5	6	-
Residential site preparation contractors	5	-	-	-	3	-
Nonresidential site preparation contractors	5	-	-	-	-	-
All other specialty trade contractors	6	-	-	-	3	-
Nonresidential all other specialty trade contractors	4	-	-	-	-	-
Manufacturing	68	34	8	3	10	9
Manufacturing	68	34	8	3	10	9
Food manufacturing	3	-	-	-	-	-
Wood product manufacturing	9	5	-	3	-	-
Sawmills and wood preservation	5	3	-	-	-	-
Sawmills and wood preservation	5	3	-	-	-	-
Sawmills	5	3	-	-	-	-
Other wood product manufacturing	3	-	-	-	-	-
Plastics and rubber products manufacturing	5	-	-	-	-	-
Plastics product manufacturing	3	-	-	-	-	-
Nonmetallic mineral product manufacturing	16	10	-	-	-	-
Cement and concrete product manufacturing	7	4	-	-	-	-
Other concrete product manufacturing	5	3	-	-	-	-
Other nonmetallic mineral product manufacturing	6	5	-	-	-	-
All other nonmetallic mineral product manufacturing	6	5	-	-	-	-
Cut stone and stone product manufacturing	6	5	-	-	-	-
Primary metal manufacturing	5	-	-	-	-	-
Foundries	3	-	-	-	-	-
Ferrous metal foundries	3	-	-	-	-	-
Fabricated metal product manufacturing	11	9	-	-	-	-
Architectural and structural metals manufacturing	6	5	-	-	-	-
Plate work and fabricated structural product manufacturing	5	4	-	-	-	-
Fabricated structural metal manufacturing	3	3	-	-	-	-
Boiler, tank, and shipping container manufacturing	3	3	-	-	-	-
Machinery manufacturing	7	4	-	-	-	-
Agriculture, construction, and mining machinery manufacturing	3	3	-	-	-	-
Transportation equipment manufacturing	7	-	4	-	-	-
Service-providing	197	38	71	32	14	16
Trade, transportation, and utilities	104	26	45	-	4	13
Wholesale trade	27	6	12	-	-	3
Merchant wholesalers, durable goods	19	-	9	-	-	3
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4	-	3	-	-	-
Motor vehicle parts (used) merchant wholesalers	4	-	3	-	-	-
Machinery, equipment, and supplies merchant wholesalers	4	-	-	-	-	-
Miscellaneous durable goods merchant wholesalers	6	-	4	-	-	-
Recyclable material merchant wholesalers	6	-	4	-	-	-
Merchant wholesalers, nondurable goods	8	4	3	-	-	-

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Industry¹⁵						
(NAICS) - continued						
Farm product raw material merchant wholesalers	3	-	-	-	-	-
Retail trade	20	8	6	-	-	-
Motor vehicle and parts dealers	6	-	4	-	-	-
Automobile dealers	3	-	3	-	-	-
Automotive parts, accessories, and tire stores	3	-	-	-	-	-
Building material and garden equipment and supplies dealers	8	6	-	-	-	-
Building material and supplies dealers	7	6	-	-	-	-
Other building material dealers	6	6	-	-	-	-
Transportation and warehousing	57	12	27	-	-	10
Truck transportation	37	11	16	-	-	6
General freight trucking	28	10	9	-	-	6
General freight trucking, local	5	4	-	-	-	-
General freight trucking, long-distance	19	5	7	-	-	5
General freight trucking, long-distance, truckload	15	4	4	-	-	5
Specialized freight trucking	9	-	7	-	-	-
Specialized freight (except used goods) trucking, local	7	-	5	-	-	-
Transit and ground passenger transportation	4	-	4	-	-	-
Support activities for transportation	11	-	5	-	-	3
Support activities for water transportation	4	-	-	-	-	-
Marine cargo handling	4	-	-	-	-	-
Support activities for road transportation	5	-	4	-	-	-
Motor vehicle towing	4	-	3	-	-	-
Financial activities	3	-	-	-	-	-
Professional and business services	46	4	6	24	5	-
Administrative and waste services	46	4	6	24	5	-
Administrative and support services	38	4	-	24	3	-
Employment services	5	-	-	-	-	-
Professional employer organizations	3	-	-	-	-	-
Investigation and security services	4	-	-	-	-	-
Investigation, guard, and armored car services	4	-	-	-	-	-
Security guards and patrol services	4	-	-	-	-	-
Services to buildings and dwellings	29	3	-	24	-	-
Landscaping services	29	3	-	24	-	-
Waste management and remediation services	8	-	5	-	-	-
Waste collection	3	-	3	-	-	-
Waste collection	3	-	3	-	-	-
Solid waste collection	3	-	3	-	-	-
Remediation and other waste management services	5	-	-	-	-	-
Educational and health services	3	-	-	-	-	-
Leisure and hospitality	11	3	-	5	-	-
Arts, entertainment, and recreation	10	3	-	5	-	-
Performing arts, spectator sports, and related industries	8	-	-	4	-	-
Spectator sports	4	-	-	3	-	-
Spectator sports	4	-	-	3	-	-
Other spectator sports	3	-	-	-	-	-
Promoters of performing arts, sports, and similar events	3	-	-	-	-	-
Other services, except public administration	27	3	16	-	4	-
Other services, except public administration	27	3	16	-	4	-
Repair and maintenance	25	3	16	-	4	-
Automotive repair and maintenance	15	-	12	-	-	-
Automotive mechanical and electrical repair and maintenance	10	-	9	-	-	-

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Industry¹⁵						
(NAICS) - continued						
General automotive repair	10	-	9	-	-	-
Automotive body, paint, interior, and glass repair	5	-	3	-	-	-
Automotive body, paint, and interior repair and maintenance	5	-	3	-	-	-
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8	-	-	-	3	-
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8	-	-	-	3	-
Government¹⁷	31	3	10	8	-	3
Federal government (including resident armed forces)	5	-	-	-	-	-
Service-providing	5	-	-	-	-	-
State government	4	-	-	-	-	-
Service-providing	4	-	-	-	-	-
Public administration	3	-	-	-	-	-
Public administration	3	-	-	-	-	-
Justice, public order, and safety activities	3	-	-	-	-	-
Justice, public order, and safety activities	3	-	-	-	-	-
Local government	21	-	7	5	-	-
Goods-producing	5	-	-	-	-	-
Construction	3	-	-	-	-	-
Construction	3	-	-	-	-	-
Heavy and civil engineering construction	3	-	-	-	-	-
Service-providing	16	-	6	3	-	-
Trade, transportation, and utilities	4	-	-	-	-	-
Transportation and warehousing	3	-	-	-	-	-
Professional and business services	3	-	-	-	-	-
Administrative and waste services	3	-	-	-	-	-

See footnotes at end of table.

TABLE F-4. Fatal occupational injuries to workers struck by objects¹ by type of object, 2005 — Continued

Characteristics	All objects	Parts and materials	Vehicles	Persons, plants, animals, and minerals	Machinery	Containers
Industry¹⁵ (NAICS) - continued						
Public administration	7	—	3	—	—	—
Public administration	7	—	3	—	—	—
Justice, public order, and safety activities	7	—	3	—	—	—
Justice, public order, and safety activities	7	—	3	—	—	—
Police protection	3	—	—	—	—	—
Fire protection	4	—	3	—	—	—

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.
² May include volunteers and workers receiving other types of compensation.
³ 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.
⁴ Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.
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 May include some asphyxiations due to chest compressions.
⁸ Includes, but is not limited to, walking, sitting, running, and climbing ladders or stairs.
⁹ 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.
¹⁰ Primarily includes outdoor areas such as bodies of water, woods, noncultivated fields, and parking lots.
¹¹ Includes buildings and adjacent grounds used by the general public or a particular group, such as hotels, restaurants, stores, office buildings, courthouses, and schools.
¹² Private residence fatalities primarily occurred to repair or maintenance workers, police while on duty, firefighters, or residential construction workers.
¹³ The residential construction location category was implemented in 1998.
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 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