

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Private industry		1,436,194	380,517	191,607	99,916	63,057	86,946	176,019	48,140
Chemicals and chemical products	0	20,652	782	596	-	-	-	-	-
Chemicals and chemical products, unspecified	00	3,392	-	-	-	-	-	-	-
Acids	01	1,150	16	-	-	-	-	-	-
Acids, unspecified	010	269	-	-	-	-	-	-	-
Acid gases— halogen	011	81	-	-	-	-	-	-	-
Inorganic acids— halogens	012	60	-	-	-	-	-	-	-
Inorganic acids— other	013	617	-	-	-	-	-	-	-
Inorganic acids, unspecified	0130	20	-	-	-	-	-	-	-
Chlorine-containing oxyacids	0131	20	-	-	-	-	-	-	-
Nitric acid	0132	-	-	-	-	-	-	-	-
Sulfuric acid	0134	462	-	-	-	-	-	-	-
Inorganic acids, n.e.c.	0139	65	-	-	-	-	-	-	-
Organic acids	014	84	-	-	-	-	-	-	-
Acetic acid, vinegar	0141	18	-	-	-	-	-	-	-
Acids, n.e.c.	019	38	-	-	-	-	-	-	-
Alkalies	02	1,273	-	-	-	-	-	-	-
Alkalies, unspecified	020	159	-	-	-	-	-	-	-
Calcium hydroxides, calcium oxides	021	726	-	-	-	-	-	-	-
Cement, mortar mix— dry	0211	92	-	-	-	-	-	-	-
Cement, mortar— wet	0212	301	-	-	-	-	-	-	-
Lime	0213	262	-	-	-	-	-	-	-
Calcium hydroxide, calcium oxides, n.e.c.	0219	64	-	-	-	-	-	-	-
Carbonates— calcium, sodium	022	47	-	-	-	-	-	-	-
Limestone, calcium carbonate ...	0221	42	-	-	-	-	-	-	-
Sodium and potassium hydroxide, potassium carbonate	024	335	-	-	-	-	-	-	-
Aromatics and hydrocarbon derivatives, except halogenated	03	906	-	-	-	-	-	-	-
Alcohols	031	630	-	-	-	-	-	-	-
Alcohols, unspecified	0310	61	-	-	-	-	-	-	-
Antifreeze	0311	452	-	-	-	-	-	-	-
Ethylene glycol	0313	19	-	-	-	-	-	-	-
Alcohols, n.e.c.	0319	38	-	-	-	-	-	-	-
Aldehydes	032	52	-	-	-	-	-	-	-
Formaldehyde	0323	37	-	-	-	-	-	-	-
Aromatics	034	105	-	-	-	-	-	-	-
Aromatics, unspecified	0340	19	-	-	-	-	-	-	-
Xylene	0344	53	-	-	-	-	-	-	-
Ketones	036	71	-	-	-	-	-	-	-
Acetone	0361	43	-	-	-	-	-	-	-
Ketones, n.e.c.	0369	17	-	-	-	-	-	-	-
Halogens and halogen compounds	04	1,297	-	-	-	-	-	-	-
Bromine and bromine compounds	041	16	-	-	-	-	-	-	-
Chlorine and chlorine compounds ..	042	943	-	-	-	-	-	-	-
Chlorine compounds, unspecified	0420	81	-	-	-	-	-	-	-
Chlorine, chlorine bleach	0422	555	-	-	-	-	-	-	-
Chlorine compounds, n.e.c.	0429	273	-	-	-	-	-	-	-
Fluorine and fluorine compounds ...	043	333	-	-	-	-	-	-	-
Fluorotrichloromethane	0432	333	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Private industry	381,048	208,260	58,576	60,044	62,956	2,695	23,903	18,104	5,799	155,349
Chemicals and chemical products	252	189	—	19,206	—	278	—	—	—	93
Chemicals and chemical products, unspecified	—	—	—	3,237	—	125	—	—	—	—
Acids	—	—	—	1,118	—	—	—	—	—	—
Acids, unspecified	—	—	—	265	—	—	—	—	—	—
Acid gases— halogen	—	—	—	79	—	—	—	—	—	—
Inorganic acids— halogens	—	—	—	58	—	—	—	—	—	—
Inorganic acids— other	—	—	—	593	—	—	—	—	—	—
Inorganic acids, unspecified	—	—	—	—	—	—	—	—	—	—
Chlorine-containing oxyacids	—	—	—	20	—	—	—	—	—	—
Nitric acid	—	—	—	19	—	—	—	—	—	—
Sulfuric acid	—	—	—	458	—	—	—	—	—	—
Inorganic acids, n.e.c.	—	—	—	65	—	—	—	—	—	—
Organic acids	—	—	—	84	—	—	—	—	—	—
Acetic acid, vinegar	—	—	—	18	—	—	—	—	—	—
Acids, n.e.c.	—	—	—	38	—	—	—	—	—	—
Alkalies	144	123	—	1,081	—	—	—	—	—	—
Alkalies, unspecified	—	—	—	156	—	—	—	—	—	—
Calcium hydroxides, calcium oxides	143	122	—	544	—	—	—	—	—	—
Cement, mortar mix— dry	—	—	—	76	—	—	—	—	—	—
Cement, mortar— wet	—	—	—	258	—	—	—	—	—	—
Lime	122	122	—	140	—	—	—	—	—	—
Calcium hydroxide, calcium oxides, n.e.c.	—	—	—	64	—	—	—	—	—	—
Carbonates— calcium, sodium	—	—	—	47	—	—	—	—	—	—
Limestone, calcium carbonate ..	—	—	—	42	—	—	—	—	—	—
Sodium and potassium hydroxide, potassium carbonate	—	—	—	328	—	—	—	—	—	—
Aromatics and hydrocarbon derivatives, except halogenated	—	—	—	890	—	—	—	—	—	—
Alcohols	—	—	—	617	—	—	—	—	—	—
Alcohols, unspecified	—	—	—	61	—	—	—	—	—	—
Antifreeze	—	—	—	452	—	—	—	—	—	—
Ethylene glycol	—	—	—	19	—	—	—	—	—	—
Alcohols, n.e.c.	—	—	—	38	—	—	—	—	—	—
Aldehydes	—	—	—	52	—	—	—	—	—	—
Formaldehyde	—	—	—	37	—	—	—	—	—	—
Aromatics	—	—	—	103	—	—	—	—	—	—
Aromatics, unspecified	—	—	—	19	—	—	—	—	—	—
Xylene	—	—	—	53	—	—	—	—	—	—
Ketones	—	—	—	71	—	—	—	—	—	—
Acetone	—	—	—	43	—	—	—	—	—	—
Ketones, n.e.c.	—	—	—	17	—	—	—	—	—	—
Halogens and halogen compounds	—	—	—	1,291	—	—	—	—	—	—
Bromine and bromine compounds	—	—	—	16	—	—	—	—	—	—
Chlorine and chlorine compounds ..	—	—	—	936	—	—	—	—	—	—
Chlorine compounds, unspecified	—	—	—	81	—	—	—	—	—	—
Chlorine, chlorine bleach	—	—	—	549	—	—	—	—	—	—
Chlorine compounds, n.e.c.	—	—	—	273	—	—	—	—	—	—
Fluorine and fluorine compounds ...	—	—	—	333	—	—	—	—	—	—
Fluorotrichloromethane	—	—	—	333	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Metallic particulates, trace elements, dusts, powders, fumes	05	904	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified	050	458	-	-	-	-	-	-	-
Other metallics and compounds	056	50	-	-	-	-	-	-	-
Aluminum and aluminum compounds	0561	19	-	-	-	-	-	-	-
Other metallics and compounds, n.e.c.	0569	18	-	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c.	057	80	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.	059	269	-	-	-	-	-	-	-
Agricultural chemicals and other pesticides	06	402	-	-	-	-	-	-	-
Agricultural chemicals and other pesticides, unspecified	060	61	-	-	-	-	-	-	-
Fertilizers, plant food, n.e.c.	061	18	-	-	-	-	-	-	-
Fumigants, n.e.c.	062	60	-	-	-	-	-	-	-
Herbicides	064	88	-	-	-	-	-	-	-
Herbicides, unspecified	0640	17	-	-	-	-	-	-	-
Herbicides, n.e.c.	0649	63	-	-	-	-	-	-	-
Insecticides	065	118	-	-	-	-	-	-	-
Insecticides, unspecified	0650	106	-	-	-	-	-	-	-
Chemical products— general	07	7,163	87	55	-	-	-	-	-
Chemical products, unspecified	070	932	-	-	-	-	-	-	-
Adhesives, glues, n.e.c.	071	405	-	-	-	-	-	-	-
Beauty preparations, cosmetics, n.e.c.	072	349	-	-	-	-	-	-	-
Other beauty preparations, cosmetics	0729	328	-	-	-	-	-	-	-
Cleaning and polishing agents, disinfectants, n.e.c.	073	3,513	-	-	-	-	-	-	-
Cleaning and polishing agents, unspecified	0730	1,359	-	-	-	-	-	-	-
Bleach— nonchlorine, nonperoxide	0731	54	-	-	-	-	-	-	-
Disinfectants	0732	422	-	-	-	-	-	-	-
Drain and oven cleaners	0733	85	-	-	-	-	-	-	-
Soap products	0736	585	-	-	-	-	-	-	-
Synthetic detergents and shampoos	0737	135	-	-	-	-	-	-	-
Multiple cleaning and polishing agents	0738	56	-	-	-	-	-	-	-
Other cleaning and polishing agents	0739	793	-	-	-	-	-	-	-
Drugs, alcohol, medicines	074	250	-	-	-	-	-	-	-
Medicines	0743	186	-	-	-	-	-	-	-
Drugs and medicines, n.e.c.	0749	42	-	-	-	-	-	-	-
Explosives, blasting agents, n.e.c.	075	88	-	-	-	-	-	-	-
Flammable gas, unspecified	0752	65	-	-	-	-	-	-	-
Paint, lacquer, shellac, varnish, n.e.c.	076	571	40	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Metallic particulates, trace elements, dusts, powders, fumes	-	-	-	899	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified	-	-	-	458	-	-	-	-	-	-
Other metallics and compounds	-	-	-	48	-	-	-	-	-	-
Aluminum and aluminum compounds	-	-	-	19	-	-	-	-	-	-
Other metallics and compounds, n.e.c.	-	-	-	18	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c.	-	-	-	80	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.	-	-	-	267	-	-	-	-	-	-
Agricultural chemicals and other pesticides	-	-	-	388	-	-	-	-	-	-
Agricultural chemicals and other pesticides, unspecified	-	-	-	61	-	-	-	-	-	-
Fertilizers, plant food, n.e.c.	-	-	-	-	-	-	-	-	-	-
Fumigants, n.e.c.	-	-	-	58	-	-	-	-	-	-
Herbicides	-	-	-	88	-	-	-	-	-	-
Herbicides, unspecified	-	-	-	17	-	-	-	-	-	-
Herbicides, n.e.c.	-	-	-	63	-	-	-	-	-	-
Insecticides	-	-	-	118	-	-	-	-	-	-
Insecticides, unspecified	-	-	-	106	-	-	-	-	-	-
Chemical products— general	-	-	-	6,946	-	73	-	-	-	49
Chemical products, unspecified	-	-	-	932	-	-	-	-	-	-
Adhesives, glues, n.e.c.	-	-	-	396	-	-	-	-	-	-
Beauty preparations, cosmetics, n.e.c.	-	-	-	344	-	-	-	-	-	-
Other beauty preparations, cosmetics	-	-	-	326	-	-	-	-	-	-
Cleaning and polishing agents, disinfectants, n.e.c.	-	-	-	3,446	-	-	-	-	-	39
Cleaning and polishing agents, unspecified	-	-	-	1,343	-	-	-	-	-	-
Bleach— nonchlorine, nonperoxide	-	-	-	54	-	-	-	-	-	-
Disinfectants	-	-	-	422	-	-	-	-	-	-
Drain and oven cleaners	-	-	-	85	-	-	-	-	-	-
Soap products	-	-	-	542	-	-	-	-	-	-
Synthetic detergents and shampoos	-	-	-	135	-	-	-	-	-	-
Multiple cleaning and polishing agents	-	-	-	56	-	-	-	-	-	-
Other cleaning and polishing agents	-	-	-	786	-	-	-	-	-	-
Drugs, alcohol, medicines	-	-	-	233	-	-	-	-	-	-
Medicines	-	-	-	174	-	-	-	-	-	-
Drugs and medicines, n.e.c.	-	-	-	42	-	-	-	-	-	-
Explosives, blasting agents, n.e.c.	-	-	-	-	-	54	-	-	-	-
Flammable gas, unspecified	-	-	-	17	-	48	-	-	-	-
Paint, lacquer, shellac, varnish, n.e.c.	-	-	-	528	-	-	-	-	-	-

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Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Paint, lacquer, shellac, varnish, unspecified	0760	101	-	-	-	-	-	-	-
Lacquer, shellac, varnish	0761	41	-	-	-	-	-	-	-
Paint	0762	397	-	-	-	-	-	-	-
Multiple paint, lacquer, shellac, or varnish	0768	20	-	-	-	-	-	-	-
Solvents, degreasers, n.e.c.	077	550	-	-	-	-	-	-	-
Solvents, degreasers, unspecified	0770	226	-	-	-	-	-	-	-
Naphtha solvents	0771	36	-	-	-	-	-	-	-
Paint removers, thinners	0772	142	-	-	-	-	-	-	-
Multiple solvents, degreasers	0778	112	-	-	-	-	-	-	-
Other chemical products	079	507	-	-	-	-	-	-	-
Other chemical products, unspecified	0790	20	-	-	-	-	-	-	-
Dyes, inks	0791	91	-	-	-	-	-	-	-
Photographic and copying solutions	0793	46	-	-	-	-	-	-	-
Chemical products, n.e.c.	0799	316	-	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, n.e.c.	08	2,087	575	491	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, unspecified	080	63	-	-	-	-	-	-	-
Coal and coal products	081	642	502	459	-	-	-	-	-
Coal	0811	613	498	459	-	-	-	-	-
Coke and other coal manufactures	0812	-	-	-	-	-	-	-	-
Natural gas	082	89	-	-	-	-	-	-	-
Petroleum, crude oil	083	64	-	-	-	-	-	-	-
Petroleum fuels, distillates, and products, n.e.c.	084	1,224	68	-	-	-	-	-	-
Gasoline, diesel fuel, jet fuel	0842	331	-	-	-	-	-	-	-
Lubricating greases, cutting oils	0844	392	63	-	-	-	-	-	-
Propane	0845	379	-	-	-	-	-	-	-
Other petroleum fuels, distillates, and products	0849	70	-	-	-	-	-	-	-
Other chemicals	09	2,078	39	39	-	-	-	-	-
Ammonia and ammonium compounds	091	326	-	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified	0910	184	-	-	-	-	-	-	-
Ammonia, anhydrous	0911	91	-	-	-	-	-	-	-
Ammonia and ammonium compounds, n.e.c.	0919	38	-	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c.	094	334	-	-	-	-	-	-	-
Carbon monoxide	0941	253	-	-	-	-	-	-	-
Carbon dioxide, dry ice	0942	52	-	-	-	-	-	-	-
Plastics, resins	095	461	-	-	-	-	-	-	-
Plastics, unspecified	0950	120	-	-	-	-	-	-	-
Cyanates	0951	17	-	-	-	-	-	-	-
Resins	0952	155	-	-	-	-	-	-	-
Plastics, n.e.c.	0959	152	-	-	-	-	-	-	-
Sewer gas, mine gas, methane	096	41	-	-	-	-	-	-	-

See footnotes at end of table.

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Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Paint, lacquer, shellac, varnish, unspecified	-	-	-	90	-	-	-	-	-	-
Lacquer, shellac, varnish	-	-	-	41	-	-	-	-	-	-
Paint	-	-	-	366	-	-	-	-	-	-
Multiple paint, lacquer, shellac, or varnish	-	-	-	20	-	-	-	-	-	-
Solvents, degreasers, n.e.c.	-	-	-	538	-	-	-	-	-	-
Solvents, degreasers, unspecified	-	-	-	224	-	-	-	-	-	-
Naphtha solvents	-	-	-	36	-	-	-	-	-	-
Paint removers, thinners	-	-	-	132	-	-	-	-	-	-
Multiple solvents, degreasers	-	-	-	112	-	-	-	-	-	-
Other chemical products	-	-	-	497	-	-	-	-	-	-
Other chemical products, unspecified	-	-	-	20	-	-	-	-	-	-
Dyes, inks	-	-	-	86	-	-	-	-	-	-
Photographic and copying solutions	-	-	-	46	-	-	-	-	-	-
Chemical products, n.e.c.	-	-	-	311	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, n.e.c.	102	66	-	1,341	-	38	-	-	-	-
Coal, natural gas, petroleum fuels and products, unspecified	-	-	-	57	-	-	-	-	-	-
Coal and coal products	99	66	-	-	-	-	-	-	-	-
Coal	79	46	-	-	-	-	-	-	-	-
Coke and other coal manufactures	17	17	-	-	-	-	-	-	-	-
Natural gas	-	-	-	72	-	17	-	-	-	-
Petroleum, crude oil	-	-	-	64	-	-	-	-	-	-
Petroleum fuels, distillates, and products, n.e.c.	-	-	-	1,115	-	-	-	-	-	-
Gasoline, diesel fuel, jet fuel	-	-	-	325	-	-	-	-	-	-
Lubricating greases, cutting oils	-	-	-	315	-	-	-	-	-	-
Propane	-	-	-	362	-	-	-	-	-	-
Other petroleum fuels, distillates, and products	-	-	-	62	-	-	-	-	-	-
Other chemicals	-	-	-	2,015	-	16	-	-	-	-
Ammonia and ammonium compounds	-	-	-	321	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified	-	-	-	184	-	-	-	-	-	-
Ammonia, anhydrous ammonia	-	-	-	86	-	-	-	-	-	-
Ammonia and ammonium compounds, n.e.c.	-	-	-	38	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c.	-	-	-	325	-	-	-	-	-	-
Carbon monoxide	-	-	-	253	-	-	-	-	-	-
Carbon dioxide, dry ice	-	-	-	52	-	-	-	-	-	-
Plastics, resins	-	-	-	460	-	-	-	-	-	-
Plastics, unspecified	-	-	-	119	-	-	-	-	-	-
Cyanates	-	-	-	17	-	-	-	-	-	-
Resins	-	-	-	155	-	-	-	-	-	-
Plastics, n.e.c.	-	-	-	152	-	-	-	-	-	-
Sewer gas, mine gas, methane	-	-	-	41	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Sulfur and sulfur compounds	097	19	—	—	—	—	—	—	—
Multiple chemicals or chemical mixtures, n.e.c.	098	193	—	—	—	—	—	—	—
Multiple chemicals or chemical mixtures, unspecified	0980	70	—	—	—	—	—	—	—
Chlorine and cleaning agent, n.e.c.	0983	51	—	—	—	—	—	—	—
Other multiple chemicals or chemical mixtures	0989	68	—	—	—	—	—	—	—
Chemicals and chemical products, n.e.c.	099	682	37	37	—	—	—	—	—
Containers	1	193,146	44,879	29,160	10,035	5,049	636	3,302	236
Containers, unspecified	10	5,987	759	444	146	117	—	58	—
Containers— nonpressurized	11	137,401	25,976	17,635	5,262	2,857	476	1,876	153
Containers— nonpressurized, unspecified	110	1,955	289	89	134	55	—	—	—
Bags, sacks, totes	111	18,395	1,223	937	165	67	43	54	—
Barrels, kegs, drums	112	4,690	1,164	651	204	304	—	63	36
Bottles, jugs, flasks	113	2,606	804	600	136	17	—	—	—
Boxes, crates, cartons	114	77,351	13,257	10,425	1,905	851	68	994	97
Buckets, baskets, pails	115	8,794	1,806	1,153	371	282	49	167	—
Cans	116	5,471	1,567	1,198	320	49	98	74	—
Pots, pans, trays	117	8,016	2,317	1,213	612	488	—	—	—
Tanks, bins, vats	118	7,551	2,783	1,028	1,038	702	180	402	—
Containers— nonpressurized, n.e.c.	119	2,573	764	340	376	42	—	68	—
Containers— pressurized	12	6,308	2,345	1,439	588	255	—	137	—
Containers— pressurized, unspecified	120	185	73	70	—	—	—	—	—
Boilers	121	132	44	—	—	—	—	—	—
Hoses	122	3,441	1,355	795	387	133	—	112	—
Oxygen tanks	123	292	130	86	45	—	—	—	—
Pressure lines, except hoses	124	112	97	81	—	—	—	—	—
Propane tanks	125	497	71	38	—	—	—	—	—
Containers— pressurized, n.e.c.	129	1,650	575	365	80	108	—	—	—
Containers— variable restraint	13	17,707	4,875	3,319	726	770	—	110	—
Containers— variable restraint, unspecified	130	104	—	—	—	—	—	—	—
Bundles, bales	131	3,086	593	463	48	82	—	—	—
Packages, parcels	132	5,416	1,377	1,039	277	—	—	69	—
Reels, rolls	133	8,507	2,749	1,732	375	619	—	—	—
Containers— variable restraint, n.e.c.	139	595	151	84	—	40	—	—	—
Dishes, drinking cups, beverage glasses	14	3,188	2,182	1,084	912	—	—	114	—
Dishes, drinking cups, beverage glasses, unspecified	140	139	47	—	—	—	—	—	—
Dishes, bowls	141	906	585	257	287	—	—	—	—
Drinking cups, beverage glasses ...	142	1,374	1,222	571	519	—	—	82	—
Dishes, drinking cups, beverage glasses, n.e.c.	149	770	329	245	75	—	—	—	—
Luggage, handbags	15	6,100	829	609	127	64	—	—	—
Luggage, unspecified	150	2,892	433	347	72	—	—	—	—
Handbags, pocketbooks, wallets	152	73	—	—	—	—	—	—	—
Suitcases	153	1,522	251	146	48	57	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Sulfur and sulfur compounds	-	-	-	16	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, n.e.c.	-	-	-	192	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, unspecified	-	-	-	69	-	-	-	-	-	-
Chlorine and cleaning agent, n.e.c.	-	-	-	51	-	-	-	-	-	-
Other multiple chemicals or chemical mixtures	-	-	-	68	-	-	-	-	-	-
Chemicals and chemical products, n.e.c.	-	-	-	639	-	-	-	-	-	-
Containers	141,781	99,763	-	950	-	237	56	56	-	1,067
Containers, unspecified	5,153	3,068	-	-	-	-	-	-	-	-
Containers— nonpressurized	107,106	79,489	-	837	-	184	56	56	-	737
Containers— nonpressurized, unspecified	1,650	910	-	-	-	-	-	-	-	-
Bags, sacks, totes	16,918	12,490	-	-	-	-	-	-	-	151
Barrels, kegs, drums	3,400	1,794	-	-	-	-	-	-	-	-
Bottles, jugs, flasks	1,743	1,120	-	-	-	-	-	-	-	-
Boxes, crates, cartons	62,391	48,067	-	-	-	-	-	-	-	512
Buckets, baskets, pails	6,728	5,398	-	-	-	-	-	-	-	-
Cans	3,612	2,819	-	-	-	80	-	-	-	17
Pots, pans, trays	4,826	3,349	-	761	-	77	-	-	-	-
Tanks, bins, vats	4,133	2,631	-	20	-	-	-	-	-	19
Containers— nonpressurized, n.e.c.	1,707	911	-	-	-	-	-	-	-	-
Containers— pressurized	3,592	1,463	-	48	-	52	-	-	-	89
Containers— pressurized, unspecified	94	42	-	-	-	-	-	-	-	-
Boilers	83	44	-	-	-	-	-	-	-	-
Hoses	1,873	275	-	17	-	-	-	-	-	18
Oxygen tanks	155	99	-	-	-	-	-	-	-	-
Pressure lines, except hoses	-	-	-	-	-	-	-	-	-	-
Propane tanks	378	298	-	-	-	-	-	-	-	-
Containers— pressurized, n.e.c.	995	703	-	-	-	-	-	-	-	49
Containers— variable restraint	12,562	8,062	-	-	-	-	-	-	-	89
Containers— variable restraint, unspecified	78	-	-	-	-	-	-	-	-	16
Bundles, bales	2,436	1,664	-	-	-	-	-	-	-	-
Packages, parcels	3,939	2,683	-	-	-	-	-	-	-	-
Reels, rolls	5,669	3,349	-	-	-	-	-	-	-	-
Containers— variable restraint, n.e.c.	440	355	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses	864	586	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses, unspecified	82	48	-	-	-	-	-	-	-	-
Dishes, bowls	295	193	-	17	-	-	-	-	-	-
Drinking cups, beverage glasses ...	62	62	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses, n.e.c.	425	283	-	-	-	-	-	-	-	-
Luggage, handbags	5,235	3,805	-	-	-	-	-	-	-	-
Luggage, unspecified	2,430	1,873	-	-	-	-	-	-	-	-
Handbags, pocketbooks, wallets	47	-	-	-	-	-	-	-	-	-
Suitcases	1,267	975	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Luggage, n.e.c.	159	1,599	120	114	—	—	—	—	—
Skids, pallets	16	15,564	7,393	4,238	2,193	937	100	997	—
Containers, n.e.c.	19	891	520	393	79	48	—	—	—
Furniture and fixtures	2	52,393	23,847	9,657	12,058	2,031	771	4,459	93
Furniture and fixtures, unspecified	20	1,510	293	177	103	—	—	—	—
Cases, cabinets, racks, shelves	21	17,829	9,914	3,867	5,150	868	284	1,402	—
Cases, cabinets, racks, shelves, unspecified	210	1,410	739	261	439	39	—	59	—
Bookcases	211	182	62	38	—	—	—	—	—
Cabinets, cases— display, storage	212	4,819	2,096	1,090	857	148	—	494	—
Counters, counter tops	213	1,751	1,167	80	1,051	—	40	183	—
Garment racks, other racks	214	4,693	2,723	1,107	1,256	359	47	218	—
Lockers	215	219	170	109	54	—	—	—	—
Partitions	216	253	161	105	50	—	—	—	—
Shelving	217	3,707	2,418	958	1,250	184	179	355	—
Cases, cabinets, racks, shelves, n.e.c.	219	795	377	120	169	88	—	40	—
Floor, wall, and window coverings	22	1,744	457	139	205	105	124	36	59
Floor, wall, and window coverings, unspecified	220	—	—	—	—	—	—	—	—
Floor coverings, nonstructural	221	1,146	230	—	134	63	115	—	48
Wall coverings	222	175	74	49	—	—	—	—	—
Window coverings, blinds, shades or draperies	223	217	71	57	—	—	—	—	—
Floor, wall, and window coverings, n.e.c.	229	175	80	—	42	—	—	—	—
Furniture	23	26,236	10,661	4,026	5,581	995	307	2,452	—
Furniture, unspecified	230	2,195	184	120	64	—	—	—	—
Beds, bedding, mattresses	231	4,866	1,696	466	727	494	—	211	—
Benches, workbenches, saw horses	232	927	475	172	257	—	—	67	—
Chairs	233	4,343	1,612	508	957	123	53	475	—
Desks	234	2,958	1,754	443	1,215	95	—	387	—
Sofas	235	1,267	172	129	—	—	—	—	—
Tables, worktables	236	8,066	3,990	1,526	2,262	193	203	1,200	—
Furniture, n.e.c.	239	1,613	778	662	86	—	—	51	—
Other fixtures	24	4,449	2,301	1,327	936	—	57	488	—
Other fixtures, unspecified	240	202	108	57	45	—	—	—	—
Lighting equipment	241	1,243	828	661	165	—	—	—	—
Lighting equipment, unspecified	2410	349	213	143	70	—	—	—	—
Lamps	2411	87	51	44	—	—	—	—	—
Light bulbs	2412	402	299	223	76	—	—	—	—
Lighting equipment, n.e.c.	2419	406	266	251	—	—	—	—	—
Plumbing fixtures	242	2,539	1,057	371	658	—	—	475	—
Plumbing fixtures, unspecified ...	2420	58	—	—	—	18	—	—	—
Bathtubs	2421	579	84	—	76	—	—	226	—
Sinks	2422	765	435	56	379	—	—	120	—
Toilets	2423	847	361	275	83	—	—	—	—
Plumbing fixtures, n.e.c.	2429	290	152	—	118	—	—	106	—
Other fixtures, n.e.c.	249	465	308	238	68	—	20	—	—
Furniture and fixtures, n.e.c.	29	625	221	121	82	17	—	49	—
Machinery	3	92,560	63,214	13,498	15,981	32,752	392	2,619	59

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Luggage, n.e.c.	1,478	918	—	—	—	—	—	—	—	—
Skids, pallets	6,917	3,118	—	—	—	—	—	—	—	119
Containers, n.e.c.	352	172	—	—	—	—	—	—	—	—
Furniture and fixtures	22,245	11,322	—	253	—	—	186	186	—	522
Furniture and fixtures, unspecified	1,181	493	—	—	—	—	—	—	—	—
Cases, cabinets, racks, shelves	6,060	2,667	—	—	—	—	—	—	—	100
Cases, cabinets, racks, shelves, unspecified	574	287	—	—	—	—	—	—	—	—
Bookcases	107	48	—	—	—	—	—	—	—	—
Cabinets, cases— display, storage	2,187	1,080	—	—	—	—	—	—	—	—
Counters, counter tops	348	143	—	—	—	—	—	—	—	—
Garment racks, other racks	1,662	516	—	—	—	—	—	—	—	—
Lockers	—	—	—	—	—	—	—	—	—	—
Partitions	73	59	—	—	—	—	—	—	—	—
Shelving	731	355	—	—	—	—	—	—	—	—
Cases, cabinets, racks, shelves, n.e.c.	374	173	—	—	—	—	—	—	—	—
Floor, wall, and window coverings	1,044	555	—	—	—	—	—	—	—	17
Floor, wall, and window coverings, unspecified	16	—	—	—	—	—	—	—	—	—
Floor coverings, nonstructural	708	365	—	—	—	—	—	—	—	—
Wall coverings	101	52	—	—	—	—	—	—	—	—
Window coverings, blinds, shades or draperies	129	68	—	—	—	—	—	—	—	—
Floor, wall, and window coverings, n.e.c.	89	61	—	—	—	—	—	—	—	—
Furniture	12,250	6,608	—	—	—	—	165	165	—	386
Furniture, unspecified	1,982	1,350	—	—	—	—	—	—	—	—
Beds, bedding, mattresses	2,849	1,196	—	—	—	—	—	—	—	99
Benches, workbenches, saw horses	309	127	—	—	—	—	44	44	—	20
Chairs	1,964	1,028	—	—	—	—	87	87	—	147
Desks	766	413	—	—	—	—	—	—	—	—
Sofas	1,028	567	—	—	—	—	—	—	—	—
Tables, worktables	2,567	1,479	—	—	—	—	—	—	—	74
Furniture, n.e.c.	784	450	—	—	—	—	—	—	—	—
Other fixtures	1,365	733	—	221	—	—	—	—	—	—
Other fixtures, unspecified	87	39	—	—	—	—	—	—	—	—
Lighting equipment	192	155	—	207	—	—	—	—	—	—
Lighting equipment, unspecified	115	101	—	18	—	—	—	—	—	—
Lamps	—	—	—	—	—	—	—	—	—	—
Light bulbs	—	—	—	92	—	—	—	—	—	—
Lighting equipment, n.e.c.	69	48	—	69	—	—	—	—	—	—
Plumbing fixtures	975	465	—	—	—	—	—	—	—	—
Plumbing fixtures, unspecified ...	—	17	—	—	—	—	—	—	—	—
Bathtubs	239	72	—	—	—	—	—	—	—	—
Sinks	209	149	—	—	—	—	—	—	—	—
Toilets	462	201	—	—	—	—	—	—	—	—
Plumbing fixtures, n.e.c.	—	—	—	—	—	—	—	—	—	—
Other fixtures, n.e.c.	111	74	—	—	—	—	—	—	—	—
Furniture and fixtures, n.e.c.	345	266	—	—	—	—	—	—	—	—
Machinery	21,144	9,972	—	2,713	1,350	120	—	—	—	928

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Machinery, unspecified	30	6,148	4,693	459	935	3,185	—	205	—
Agricultural and garden machinery	31	2,778	1,686	245	393	1,006	—	148	—
Agricultural and garden machinery, unspecified	310	88	78	—	—	55	—	—	—
Harvesting and threshing machinery	311	388	349	—	91	249	—	—	—
Balers	3111	242	238	—	37	197	—	—	—
Harvesters, reapers	3113	58	—	—	—	—	—	—	—
Mowing machinery	312	1,909	1,023	140	240	601	—	128	—
Mowing machinery, unspecified	3120	464	299	—	44	215	—	—	—
Lawn mowers— nonriding, powered	3121	510	344	95	—	243	—	—	—
Lawn mowers— riding	3122	553	306	—	179	94	—	17	—
Mowers— tractor	3123	141	—	—	—	—	—	—	—
Mowing machinery, n.e.c.	3129	241	62	—	—	41	—	111	—
Plowing, planting, and fertilizing machinery	313	169	91	54	—	—	—	—	—
Plowing and cultivating machinery	3131	64	44	—	—	—	—	—	—
Plowing, planting, and fertilizing machinery, n.e.c.	3139	41	—	—	—	—	—	—	—
Other agricultural and garden machinery	319	224	145	20	—	93	—	—	—
Feed grinders, crushers, mixers— agricultural	3192	63	38	—	—	—	—	—	—
Agricultural and garden machinery, n.e.c.	3199	113	77	—	—	47	—	—	—
Construction, logging, and mining machinery	32	6,069	3,615	914	742	1,760	125	290	—
Construction, logging, and mining machinery, unspecified	320	244	126	—	—	94	—	—	—
Excavating machinery	321	1,679	1,000	331	308	294	—	76	—
Excavating machinery, unspecified	3210	170	102	42	46	—	—	—	—
Backhoes	3211	881	682	209	257	202	—	—	—
Bulldozers	3212	331	52	—	—	—	—	—	—
Trenchers	3214	213	137	64	—	74	—	—	—
Excavating machinery, n.e.c.	3219	81	—	—	—	—	—	—	—
Loaders	322	757	465	139	40	225	42	49	—
Loaders, unspecified	3220	249	139	—	—	44	—	—	—
Bucket loaders	3221	161	98	56	—	37	—	—	—
End loaders	3222	—	—	—	—	—	17	—	—
Front end loaders	3223	135	96	—	—	85	—	—	—
Loaders, n.e.c.	3229	184	133	55	—	59	—	—	—
Logging and wood processing machinery— specialized	323	803	669	78	42	546	—	—	—
Logging and wood processing machinery— specialized, unspecified	3230	75	56	—	—	56	—	—	—
Chippers	3231	199	132	—	—	95	—	—	—
Debarkers	3232	54	52	18	—	—	—	—	—
Log loaders, including heel boom	3234	349	341	—	—	300	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Machinery, unspecified	1,041	511	—	93	—	—	—	—	—	102
Agricultural and garden machinery	606	209	—	40	257	—	—	—	—	—
Agricultural and garden machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Harvesting and threshing machinery	—	—	—	—	—	—	—	—	—	—
Balers	—	—	—	—	—	—	—	—	—	—
Harvesters, reapers	—	—	—	—	—	—	—	—	—	—
Mowing machinery	462	129	—	40	221	—	—	—	—	—
Mowing machinery, unspecified	148	52	—	—	—	—	—	—	—	—
Lawn mowers— nonriding, powered	139	—	—	—	—	—	—	—	—	—
Lawn mowers— riding	69	37	—	—	154	—	—	—	—	—
Mowers— tractor	61	—	—	—	64	—	—	—	—	—
Mowing machinery, n.e.c.	44	—	—	—	—	—	—	—	—	17
Plowing, planting, and fertilizing machinery	62	37	—	—	—	—	—	—	—	—
Plowing and cultivating machinery	—	—	—	—	—	—	—	—	—	—
Plowing, planting, and fertilizing machinery, n.e.c.	—	—	—	—	—	—	—	—	—	—
Other agricultural and garden machinery	64	42	—	—	—	—	—	—	—	—
Feed grinders, crushers, mixers— agricultural	—	—	—	—	—	—	—	—	—	—
Agricultural and garden machinery, n.e.c.	—	20	—	—	—	—	—	—	—	—
Construction, logging, and mining machinery	954	343	—	45	935	—	—	—	—	58
Construction, logging, and mining machinery, unspecified	72	—	—	—	43	—	—	—	—	—
Excavating machinery	67	—	—	—	445	—	—	—	—	—
Excavating machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Backhoes	—	20	—	—	148	—	—	—	—	—
Bulldozers	—	—	—	—	244	—	—	—	—	—
Trenchers	—	—	—	—	19	—	—	—	—	—
Excavating machinery, n.e.c.	—	—	—	—	—	—	—	—	—	—
Loaders	36	—	—	—	149	—	—	—	—	—
Loaders, unspecified	18	—	—	—	42	—	—	—	—	—
Bucket loaders	—	—	—	—	51	—	—	—	—	—
End loaders	—	—	—	—	—	—	—	—	—	—
Front end loaders	—	—	—	—	—	—	—	—	—	—
Loaders, n.e.c.	18	—	—	—	—	—	—	—	—	—
Logging and wood processing machinery— specialized	92	—	—	—	—	—	—	—	—	—
Logging and wood processing machinery— specialized, unspecified	19	—	—	—	—	—	—	—	—	—
Chippers	64	—	—	—	—	—	—	—	—	—
Debarkers	—	—	—	—	—	—	—	—	—	—
Log loaders, including heel boom	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Logging and wood processing machinery— specialized, n.e.c.	3239	59	59	—	—	52	—	—	—
Mining and drilling machinery	324	1,040	631	144	166	306	18	110	—
Mining and drilling machinery, unspecified	3240	582	411	91	161	159	18	44	—
Drilling machines, drilling augers	3241	416	183	43	—	122	—	66	—
Mining and drilling machinery, n.e.c.	3249	—	—	—	—	17	—	—	—
Road grading and surfacing machinery	325	785	343	89	89	129	—	42	—
Road grading and surfacing machinery, unspecified	3250	40	—	17	—	—	—	—	—
Asphalt and mortar spreaders	3251	92	—	—	—	—	—	—	—
Graders, levellers, planers, scrapers	3252	349	200	—	66	103	—	—	—
Steam rollers, road pavers	3254	209	86	59	—	—	—	42	—
Road grading and surfacing machinery, n.e.c.	3259	94	—	—	—	—	—	—	—
Other construction, logging, and mining machinery	329	760	381	121	82	166	17	—	—
Agitators, mixers— earth, mineral	3291	233	112	—	46	50	—	—	—
Compactors, crushers, pulverizers— earth, mineral	3292	258	102	—	—	63	—	—	—
Pile drivers, tamping machinery	3293	73	—	18	—	—	—	—	—
Construction, logging, and mining machinery, n.e.c.	3299	153	113	78	—	17	—	—	—
Heating, cooling, and cleaning machinery and appliances	33	13,330	5,271	1,922	2,082	1,095	—	462	—
Heating, cooling, and cleaning machinery and appliances, unspecified	330	147	17	—	—	—	—	—	—
Cooling and humidifying machinery and appliances	331	5,036	2,153	901	797	424	—	178	—
Cooling and humidifying machinery and appliances, unspecified	3310	50	40	—	37	—	—	—	—
Air conditioning units	3311	1,546	291	110	151	—	—	—	—
Fans, blowers— wall, floor, ceiling, ventilation	3312	921	655	143	242	254	—	—	—
Refrigerators, freezers, ice makers	3314	2,321	1,105	614	344	143	—	73	—
Cooling and humidifying machinery and appliances, n.e.c.	3319	183	60	—	—	—	—	85	—
Heating and cooking machinery and appliances	332	4,540	1,384	383	584	314	—	180	—
Heating and cooking machinery and appliances, unspecified	3320	168	97	—	—	90	—	—	—
Beverage heating and percolating equipment and appliances	3321	224	—	—	—	—	—	97	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Logging and wood processing machinery— specialized, n.e.c.	-	-	-	-	-	-	-	-	-	-
Mining and drilling machinery	252	107	-	-	-	-	-	-	-	-
Mining and drilling machinery, unspecified	89	-	-	-	-	-	-	-	-	-
Drilling machines, drilling augers	157	90	-	-	-	-	-	-	-	-
Mining and drilling machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Road grading and surfacing machinery	128	20	-	-	230	-	-	-	-	-
Road grading and surfacing machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Asphalt and mortar spreaders	-	-	-	-	45	-	-	-	-	-
Graders, levellers, planers, scrapers	46	-	-	-	103	-	-	-	-	-
Steam rollers, road pavers	-	-	-	-	60	-	-	-	-	-
Road grading and surfacing machinery, n.e.c.	60	-	-	-	-	-	-	-	-	-
Other construction, logging, and mining machinery	308	146	-	-	18	-	-	-	-	-
Agitators, mixers— earth, mineral	91	-	-	-	-	-	-	-	-	-
Compactors, crushers, pulverizers— earth, mineral	144	71	-	-	-	-	-	-	-	-
Pile drivers, tamping machinery	47	-	-	-	-	-	-	-	-	-
Construction, logging, and mining machinery, n.e.c.	18	-	-	-	-	-	-	-	-	-
Heating, cooling, and cleaning machinery and appliances	6,013	3,211	-	1,467	-	59	-	-	-	36
Heating, cooling, and cleaning machinery and appliances, unspecified	125	48	-	-	-	-	-	-	-	-
Cooling and humidifying machinery and appliances	2,605	1,441	-	75	-	-	-	-	-	-
Cooling and humidifying machinery and appliances, unspecified	-	-	-	-	-	-	-	-	-	-
Air conditioning units	1,172	937	-	55	-	-	-	-	-	-
Fans, blowers— wall, floor, ceiling, ventilation	250	115	-	-	-	-	-	-	-	-
Refrigerators, freezers, ice makers	1,122	362	-	17	-	-	-	-	-	-
Cooling and humidifying machinery and appliances, n.e.c.	38	-	-	-	-	-	-	-	-	-
Heating and cooking machinery and appliances	1,561	910	-	1,345	-	-	-	-	-	-
Heating and cooking machinery and appliances, unspecified	-	-	-	45	-	-	-	-	-	-
Beverage heating and percolating equipment and appliances	-	-	-	91	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Broiling and frying equipment and appliances	3322	265	174	—	125	45	—	—	—
Fabric pressers and ironing appliances	3323	256	123	18	—	91	—	—	—
Furnaces, heaters	3324	1,493	491	218	189	—	—	63	—
Kilns	3325	46	37	—	—	—	—	—	—
Ranges, cooking ovens, grills, toasters, food warmers	3326	1,834	379	110	230	37	—	—	—
Steaming equipment and appliances	3327	56	—	—	—	—	—	—	—
Heating and cooking machinery and appliances, n.e.c.	3329	199	55	—	18	—	—	—	—
Washers, dryers, and cleaning machinery and appliances	333	3,519	1,713	622	697	356	—	104	—
Washers, dryers, and cleaning machinery and appliances, unspecified	3330	553	169	93	38	38	—	—	—
Car or vehicle washing machinery	3331	19	—	—	—	—	—	—	—
Clothes dryers	3332	200	160	66	69	—	—	—	—
Clothes washers	3333	386	223	82	64	76	—	—	—
Dish washers	3334	709	656	164	392	77	—	—	—
Vacuum cleaners	3336	920	177	92	72	—	—	51	—
Washers, dryers, and cleaning machinery and appliances, n.e.c.	3339	722	309	113	56	131	—	40	—
Heating, cooling, and cleaning machinery and appliances, n.e.c.	339	89	—	—	—	—	—	—	—
Material handling machinery	34	16,183	11,278	3,442	2,048	5,572	140	895	—
Material handling machinery, unspecified	340	808	545	106	247	173	—	152	—
Conveyors— gravity	341	1,766	1,097	169	262	665	—	226	—
Conveyors— gravity, unspecified	3410	463	334	61	110	164	—	86	—
Chutes	3411	637	284	91	65	127	—	17	—
Conveyors— roller	3412	626	442	16	74	352	—	121	—
Conveyors— wheel	3413	16	—	—	—	—	—	—	—
Conveyors— powered	342	3,783	3,092	187	569	2,289	—	217	—
Conveyors— powered, unspecified	3420	1,402	1,096	69	183	844	—	112	—
Conveyors— belt	3421	1,733	1,449	69	277	1,056	—	79	—
Conveyors— bucket, cup	3422	—	16	—	—	—	—	—	—
Conveyors— chain	3423	117	116	—	20	96	—	—	—
Conveyors— live roller	3424	276	221	—	18	202	—	—	—
Conveyors— screw, auger	3427	117	96	—	43	—	—	—	—
Conveyors— powered, n.e.c.	3429	90	80	—	17	56	—	—	—
Cranes	343	1,054	740	377	67	273	51	—	—
Cranes, unspecified	3430	620	434	178	45	192	51	17	—
Cranes— floating	3431	36	—	—	—	—	—	—	—
Cranes— overhead	3436	149	134	109	—	—	—	—	—
Storage and retrieval hoist systems	3438	—	17	—	—	—	—	—	—
Cranes, n.e.c.	3439	147	76	48	—	16	—	—	—
Overhead hoists	344	1,019	640	241	89	310	—	—	—
Overhead hoists, unspecified	3440	502	258	124	69	66	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Broiling and frying equipment and appliances	—	—	—	86	—	—	—	—	—	—
Fabric pressers and ironing appliances	40	—	—	83	—	—	—	—	—	—
Furnaces, heaters	880	426	—	48	—	—	—	—	—	—
Kilns	—	—	—	—	—	—	—	—	—	—
Ranges, cooking ovens, grills, toasters, food warmers	549	422	—	865	—	—	—	—	—	—
Steaming equipment and appliances	—	—	—	—	—	—	—	—	—	—
Heating and cooking machinery and appliances, n.e.c.	—	—	—	92	—	20	—	—	—	—
Washers, dryers, and cleaning machinery and appliances	1,647	799	—	38	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances, unspecified	376	345	—	—	—	—	—	—	—	—
Car or vehicle washing machinery	—	—	—	—	—	—	—	—	—	—
Clothes dryers	40	—	—	—	—	—	—	—	—	—
Clothes washers	159	79	—	—	—	—	—	—	—	—
Dish washers	46	—	—	—	—	—	—	—	—	—
Vacuum cleaners	662	211	—	—	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances, n.e.c.	354	146	—	—	—	—	—	—	—	—
Heating, cooling, and cleaning machinery and appliances, n.e.c.	76	—	—	—	—	—	—	—	—	—
Material handling machinery	3,485	1,061	—	38	131	—	—	—	—	185
Material handling machinery, unspecified	68	—	—	—	—	—	—	—	—	—
Conveyors— gravity	410	263	—	—	—	—	—	—	—	—
Conveyors— gravity, unspecified	19	—	—	—	—	—	—	—	—	—
Chutes	332	245	—	—	—	—	—	—	—	—
Conveyors— roller	58	—	—	—	—	—	—	—	—	—
Conveyors— wheel	—	—	—	—	—	—	—	—	—	—
Conveyors— powered	443	240	—	—	—	—	—	—	—	—
Conveyors— powered, unspecified	187	134	—	—	—	—	—	—	—	—
Conveyors— belt	197	97	—	—	—	—	—	—	—	—
Conveyors— bucket, cup	—	—	—	—	—	—	—	—	—	—
Conveyors— chain	—	—	—	—	—	—	—	—	—	—
Conveyors— live roller	20	—	—	—	—	—	—	—	—	—
Conveyors— screw, auger	—	—	—	—	—	—	—	—	—	—
Conveyors— powered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Cranes	167	50	—	—	70	—	—	—	—	—
Cranes, unspecified	91	—	—	—	—	—	—	—	—	—
Cranes— floating	—	—	—	—	—	—	—	—	—	—
Cranes— overhead	—	—	—	—	—	—	—	—	—	—
Storage and retrieval hoist systems	—	—	—	—	—	—	—	—	—	—
Cranes, n.e.c.	37	—	—	—	—	—	—	—	—	—
Overhead hoists	360	116	—	—	—	—	—	—	—	—
Overhead hoists, unspecified	237	85	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Overhead hoists— electric powered	3441	88	55	—	—	40	—	—	—
Overhead hoists— manual	3442	122	96	65	—	18	—	—	—
Overhead hoists— pneumatic powered	3443	89	86	—	—	51	—	—	—
Overhead hoists, n.e.c.	3449	218	144	—	—	136	—	—	—
Derricks	345	87	86	19	—	66	—	—	—
Derricks, unspecified	3450	66	65	—	—	65	—	—	—
Derricks, n.e.c.	3459	19	19	—	—	—	—	—	—
Elevators	346	2,343	1,826	772	270	708	66	123	—
Elevators, unspecified	3460	686	542	272	65	165	40	—	—
Bucket or basket hoist— truck mounted	3461	268	158	—	40	85	—	—	—
Elevators— electric	3463	342	324	47	67	200	—	—	—
Elevators— hydraulic	3464	38	38	—	—	—	—	—	—
Elevators— hand operated	3465	17	—	—	—	—	—	—	—
Manlifts	3466	701	525	282	63	165	—	—	—
Elevators, n.e.c.	3469	286	227	115	36	65	—	60	—
Jacks	347	4,804	2,833	1,451	461	887	—	117	—
Jacks, unspecified	3470	2,278	1,349	678	195	449	—	67	—
Jacks— hydraulic	3471	519	326	83	139	98	—	—	—
Jacks— mechanical	3472	789	450	279	—	150	—	—	—
Jacks— pneumatic	3473	106	49	—	—	17	—	—	—
Jacks, n.e.c.	3479	1,112	659	379	106	173	—	42	—
Other material handling machinery	349	518	420	120	81	202	—	—	—
Winders, unwinders	3491	192	162	—	—	127	—	—	—
Material handling machinery, n.e.c.	3499	327	258	120	48	75	—	—	—
Metal, woodworking, and special material machinery	35	19,269	16,852	2,461	4,558	9,704	18	188	—
Metal, woodworking, and special material machinery, unspecified ...	350	1,236	1,053	114	287	653	—	—	—
Bending, rolling, shaping machinery	351	1,337	1,176	89	90	992	—	—	—
Bending, rolling, shaping machinery, unspecified	3510	359	333	47	—	253	—	—	—
Bending, crimping machines	3511	330	272	—	—	264	—	—	—
Shearing machines	3512	279	267	18	—	225	—	—	—
Rolling mills, rolling, calendaring machinery	3513	226	183	—	—	159	—	—	—
Bending, rolling, shaping machinery, n.e.c.	3519	142	121	—	—	90	—	16	—
Boring, drilling, planing, milling machinery	352	1,578	1,486	186	302	971	—	—	—
Boring, drilling, planing, milling machinery, unspecified	3520	111	107	—	—	64	—	—	—
Drills— stationary	3521	725	693	142	101	451	—	—	—
Planing machines	3522	119	119	—	82	—	—	—	—
Milling machines	3523	422	384	—	—	339	—	—	—
Reaming machines	3524	18	—	—	—	—	—	—	—
Boring, drilling, planing, milling machinery, n.e.c.	3529	183	170	—	96	70	—	—	—
Extruding, injecting, forming, molding machinery	353	1,322	1,080	100	163	816	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Overhead hoists— electric powered	-	-	-	-	-	-	-	-	-	-
Overhead hoists— manual	-	-	-	-	-	-	-	-	-	-
Overhead hoists— pneumatic powered	-	-	-	-	-	-	-	-	-	-
Overhead hoists, n.e.c.	74	-	-	-	-	-	-	-	-	-
Derricks	-	-	-	-	-	-	-	-	-	-
Derricks, unspecified	-	-	-	-	-	-	-	-	-	-
Derricks, n.e.c.	-	-	-	-	-	-	-	-	-	-
Elevators	200	65	-	-	50	-	-	-	-	62
Elevators, unspecified	-	-	-	-	-	-	-	-	-	-
Bucket or basket hoist— truck mounted	50	-	-	-	49	-	-	-	-	-
Elevators— electric	-	-	-	-	-	-	-	-	-	-
Elevators— hydraulic	-	-	-	-	-	-	-	-	-	-
Elevators— hand operated	-	-	-	-	-	-	-	-	-	-
Manlifts	104	59	-	-	-	-	-	-	-	-
Elevators, n.e.c.	-	-	-	-	-	-	-	-	-	-
Jacks	1,766	309	-	-	-	-	-	-	-	72
Jacks, unspecified	841	171	-	-	-	-	-	-	-	-
Jacks— hydraulic	185	-	-	-	-	-	-	-	-	-
Jacks— mechanical	276	45	-	-	-	-	-	-	-	59
Jacks— pneumatic	57	-	-	-	-	-	-	-	-	-
Jacks, n.e.c.	407	88	-	-	-	-	-	-	-	-
Other material handling machinery	71	-	-	-	-	-	-	-	-	-
Winders, unwinders	-	-	-	-	-	-	-	-	-	-
Material handling machinery, n.e.c.	42	-	-	-	-	-	-	-	-	-
Metal, woodworking, and special material machinery	1,511	623	-	631	-	-	-	-	-	51
Metal, woodworking, and special material machinery, unspecified ...	127	37	-	20	-	-	-	-	-	-
Bending, rolling, shaping machinery	108	57	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Bending, crimping machines	-	-	-	-	-	-	-	-	-	-
Shearing machines	-	-	-	-	-	-	-	-	-	-
Rolling mills, rolling, calendering machinery	-	16	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery	77	-	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Drills— stationary	-	-	-	-	-	-	-	-	-	-
Planing machines	-	-	-	-	-	-	-	-	-	-
Milling machines	-	-	-	-	-	-	-	-	-	-
Reaming machines	-	-	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery	167	63	-	41	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Extruding, injecting, forming, molding machinery, unspecified	3530	319	284	—	—	237	—	—	—
Casting machinery	3531	291	217	36	47	133	—	—	—
Extruding machinery	3532	221	183	—	—	152	—	—	—
Forging machinery	3533	110	61	—	—	18	—	—	—
Plastic injection molding machinery	3534	255	245	—	—	224	—	—	—
Extruding, injecting, forming, molding machinery, n.e.c.	3539	126	91	—	—	52	—	—	—
Grinding, polishing machinery	354	1,824	1,651	380	683	579	—	51	—
Grinding, polishing machinery, unspecified	3540	786	708	161	313	234	—	—	—
Grinders, abraders	3541	803	735	198	297	234	—	43	—
Honing, polishing, lapping machinery	3542	111	97	—	—	68	—	—	—
Grinding, polishing machinery, n.e.c.	3549	123	111	—	46	43	—	—	—
Lathes	355	971	840	235	100	488	—	—	—
Lathes, unspecified	3550	480	381	73	17	273	—	—	—
Metalworking lathes	3551	169	154	—	—	126	—	—	—
Woodworking lathes	3552	199	198	155	—	40	—	—	—
Lathes, n.e.c.	3559	123	108	—	57	48	—	—	—
Presses, except printing	356	2,539	2,317	282	229	1,761	—	—	—
Presses, except printing, unspecified	3560	855	772	49	82	635	—	—	—
Assembly presses	3561	135	133	—	17	103	—	—	—
Brake presses	3562	398	370	—	47	280	—	—	—
Punch presses	3563	336	285	43	—	220	—	—	—
Presses, except printing, n.e.c.	3569	814	757	152	68	524	—	—	—
Sawing machinery— stationary	357	6,589	6,173	881	2,564	2,705	—	20	—
Sawing machinery— stationary, unspecified	3570	1,184	1,145	125	379	642	—	—	—
Arm saws, radial arm saws	3571	305	293	93	112	89	—	—	—
Band saws	3572	1,716	1,658	293	838	512	—	—	—
Table saws	3573	2,153	1,878	132	706	1,037	—	—	—
Sawing machinery— stationary, n.e.c.	3579	1,231	1,198	239	529	425	—	—	—
Threading and tapping machines ...	358	86	83	—	—	69	—	—	—
Other metal, woodworking, and special material machinery	359	1,789	994	192	129	670	—	—	—
Spot welding machinery	3594	1,024	345	116	41	187	—	—	—
Metal, woodworking, and special material machinery, n.e.c.	3599	747	640	75	88	474	—	—	—
Office and business machinery	36	3,360	835	366	220	246	—	48	—
Office and business machinery, unspecified	360	124	—	—	—	—	—	—	—
Electronic computers and peripheral equipment	361	1,911	356	229	105	—	—	38	—
Electronic computers and peripheral equipment, unspecified	3610	106	—	—	—	—	—	—	—
Cathode ray tubes (CRTs) and video display terminals (VDTs)	3611	354	105	86	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Extruding, injecting, forming, molding machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Casting machinery	53	-	-	-	-	-	-	-	-	-
Extruding machinery	-	-	-	-	-	-	-	-	-	-
Forging machinery	-	-	-	-	-	-	-	-	-	-
Plastic injection molding machinery	-	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery, n.e.c.	20	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery	111	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery, unspecified	63	-	-	-	-	-	-	-	-	-
Grinders, abraders	-	-	-	-	-	-	-	-	-	-
Honing, polishing, lapping machinery	-	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Lathes	121	-	-	-	-	-	-	-	-	-
Lathes, unspecified	90	-	-	-	-	-	-	-	-	-
Metalworking lathes	-	-	-	-	-	-	-	-	-	-
Woodworking lathes	-	-	-	-	-	-	-	-	-	-
Lathes, n.e.c.	-	-	-	-	-	-	-	-	-	-
Presses, except printing	176	70	-	-	-	-	-	-	-	-
Presses, except printing, unspecified	54	-	-	-	-	-	-	-	-	-
Assembly presses	-	-	-	-	-	-	-	-	-	-
Brake presses	-	-	-	-	-	-	-	-	-	-
Punch presses	45	-	-	-	-	-	-	-	-	-
Presses, except printing, n.e.c.	49	-	-	-	-	-	-	-	-	-
Sawing machinery— stationary	377	279	-	-	-	-	-	-	-	-
Sawing machinery— stationary, unspecified	-	-	-	-	-	-	-	-	-	-
Arm saws, radial arm saws	-	-	-	-	-	-	-	-	-	-
Band saws	43	-	-	-	-	-	-	-	-	-
Table saws	263	256	-	-	-	-	-	-	-	-
Sawing machinery— stationary, n.e.c.	-	20	-	-	-	-	-	-	-	-
Threading and tapping machines ...	-	-	-	-	-	-	-	-	-	-
Other metal, woodworking, and special material machinery	245	63	-	514	-	-	-	-	-	-
Spot welding machinery	167	37	-	492	-	-	-	-	-	-
Metal, woodworking, and special material machinery, n.e.c.	76	-	-	18	-	-	-	-	-	-
Office and business machinery	2,353	1,531	-	75	-	-	-	-	-	42
Office and business machinery, unspecified	105	-	-	-	-	-	-	-	-	-
Electronic computers and peripheral equipment	1,413	938	-	69	-	-	-	-	-	-
Electronic computers and peripheral equipment, unspecified	99	80	-	-	-	-	-	-	-	-
Cathode ray tubes (CRTs) and video display terminals (VDTs)	216	194	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Computers— electronic	3612	734	112	87	—	—	—	—	—
Keyboards— computer	3613	278	47	—	—	—	—	—	—
Optical scanners	3614	66	—	—	—	—	—	—	—
Printers and plotters— computer	3615	214	49	—	41	—	—	—	—
Electronic computers and peripheral equipment, n.e.c.	3619	160	36	—	—	—	—	—	—
Office, banking, and retail machinery	362	1,324	471	135	114	221	—	—	—
Office, banking, and retail machinery, unspecified	3620	196	159	—	—	156	—	—	—
Calculating machines and cash registers	3622	243	202	117	47	38	—	—	—
Mailing and metering machines	3624	78	—	—	19	—	—	—	—
Photocopiers	3625	480	—	—	—	—	—	—	—
Typewriters and word processing equipment	3626	154	—	—	—	—	—	—	—
Office, banking, and retail machinery, n.e.c.	3629	132	—	—	—	—	—	—	—
Special process machinery	37	15,576	12,643	1,815	3,718	7,034	46	188	—
Special process machinery, unspecified	370	122	95	—	—	51	—	—	—
Food and beverage processing machinery— specialized	371	7,455	7,042	982	2,732	3,308	—	51	—
Food and beverage processing machinery— specialized, unspecified	3710	337	212	41	57	115	—	—	—
Food slicers	3711	5,520	5,384	898	2,325	2,143	—	18	—
Meat grinders	3713	196	190	—	—	186	—	—	—
Mixers, blenders, whippers— food and beverage	3714	755	667	—	77	576	—	—	—
Food and beverage processing machinery— specialized, n.e.c.	3719	639	588	—	269	288	—	—	—
Medical, surgical, and X-ray machinery and equipment	372	1,214	390	199	126	36	—	18	—
Medical, surgical, and X-ray machinery and equipment, unspecified	3720	352	37	—	19	—	—	—	—
Medical machinery and equipment, except X-ray	3721	243	86	52	—	—	—	—	—
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment	3722	254	123	61	43	19	—	—	—
Medical, surgical, and X-ray machinery and equipment, n.e.c.	3729	365	144	71	49	—	—	—	—
Packaging, bottling, wrapping machinery	373	1,723	1,460	108	192	1,154	—	—	—
Packaging, bottling, wrapping machinery, unspecified	3730	294	252	—	89	161	—	—	—
Bottling, canning, filling machinery	3731	221	221	65	—	147	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Computers— electronic	576	387	—	—	—	—	—	—	—	—
Keyboards— computer	224	77	—	—	—	—	—	—	—	—
Optical scanners	—	—	—	18	—	—	—	—	—	—
Printers and plotters— computer	163	135	—	—	—	—	—	—	—	—
Electronic computers and peripheral equipment, n.e.c.	121	63	—	—	—	—	—	—	—	—
Office, banking, and retail machinery	836	584	—	—	—	—	—	—	—	—
Office, banking, and retail machinery, unspecified	37	—	—	—	—	—	—	—	—	—
Calculating machines and cash registers	36	—	—	—	—	—	—	—	—	—
Mailing and metering machines	51	46	—	—	—	—	—	—	—	—
Photocopiers	438	253	—	—	—	—	—	—	—	—
Typewriters and word processing equipment	148	148	—	—	—	—	—	—	—	—
Office, banking, and retail machinery, n.e.c.	108	88	—	—	—	—	—	—	—	—
Special process machinery	2,160	1,052	—	213	—	16	—	—	—	309
Special process machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Food and beverage processing machinery— specialized	218	113	—	141	—	—	—	—	—	—
Food and beverage processing machinery— specialized, unspecified	53	—	—	67	—	—	—	—	—	—
Food slicers	116	77	—	—	—	—	—	—	—	—
Meat grinders	—	—	—	—	—	—	—	—	—	—
Mixers, blenders, whippers— food and beverage	—	—	—	70	—	—	—	—	—	—
Food and beverage processing machinery— specialized, n.e.c.	—	—	—	—	—	—	—	—	—	—
Medical, surgical, and X-ray machinery and equipment	565	183	—	17	—	—	—	—	—	225
Medical, surgical, and X-ray machinery and equipment, unspecified	90	20	—	—	—	—	—	—	—	222
Medical machinery and equipment, except X-ray	150	50	—	—	—	—	—	—	—	—
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment	127	—	—	—	—	—	—	—	—	—
Medical, surgical, and X-ray machinery and equipment, n.e.c.	197	103	—	—	—	—	—	—	—	—
Packaging, bottling, wrapping machinery	171	—	—	18	—	—	—	—	—	43
Packaging, bottling, wrapping machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Bottling, canning, filling machinery	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Packaging, wrapping, bundling machinery	3732	525	452	—	40	382	—	—	—
Product labeling machinery	3733	86	77	—	—	57	—	—	—
Sealing, stapling machinery	3734	272	239	—	—	223	—	—	—
Packaging, bottling, wrapping machinery, n.e.c.	3739	324	219	—	—	183	—	—	—
Paper production machinery	374	610	551	61	129	359	—	—	—
Paper production machinery, unspecified	3740	191	172	—	—	135	—	—	—
Coaters— paper production	3742	18	18	—	—	—	—	—	—
Slitters, winders— paper production	3745	231	216	16	90	109	—	—	—
Paper production machinery, n.e.c.	3749	147	127	—	—	82	—	—	—
Printing machinery and equipment	375	1,654	1,406	76	228	1,095	—	39	—
Printing machinery and equipment, unspecified	3750	264	224	19	18	187	—	—	—
Bindery machinery	3751	89	85	—	—	76	—	—	—
Engraving machinery	3752	—	—	—	—	—	—	—	—
Presses— printing	3753	945	819	—	154	641	—	—	—
Printing machinery and equipment, n.e.c.	3759	329	267	—	47	183	—	—	—
Textile, apparel, leather production machinery	376	1,024	877	78	125	673	—	—	—
Textile, apparel, leather production machinery, unspecified	3760	138	129	—	—	104	—	—	—
Sewing, stitching machinery	3764	643	526	57	57	412	—	—	—
Spinning machinery	3765	43	40	—	—	—	—	—	—
Textile, apparel, leather production machinery, n.e.c. ...	3769	162	144	—	—	101	—	—	—
Other special process machinery ...	379	1,774	822	290	173	358	—	43	—
Other special process machinery, unspecified	3790	19	18	—	—	—	—	—	—
Dyeing machinery, except textile	3793	58	58	—	—	54	—	—	—
Painting, priming, metal coating machinery	3796	93	55	—	—	43	—	—	—
Pumps	3797	1,226	413	266	65	82	—	36	—
Special process machinery, n.e.c.	3799	318	247	—	95	144	—	—	—
Miscellaneous machinery	39	9,847	6,341	1,873	1,285	3,151	—	193	—
Audio and video equipment	391	2,296	664	486	149	—	—	39	—
Radios, stereos, and other audio equipment	3911	188	62	51	—	—	—	—	—
Telephones and communication equipment	3912	259	42	19	—	—	—	—	—
Televisions	3913	1,551	368	304	54	—	—	—	—
Video players and recorders— tape and disk	3914	16	—	—	—	—	—	—	—
Audio and video equipment, n.e.c.	3919	254	186	112	75	—	—	—	—
Product assembly machinery, n.e.c.	392	293	181	—	—	124	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Packaging, wrapping, bundling machinery	17	—	—	—	—	—	—	—	—	40
Product labeling machinery	—	—	—	—	—	—	—	—	—	—
Sealing, stapling machinery	—	—	—	—	—	—	—	—	—	—
Packaging, bottling, wrapping machinery, n.e.c.	95	—	—	—	—	—	—	—	—	—
Paper production machinery	39	—	—	—	—	—	—	—	—	—
Paper production machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Coaters— paper production	—	—	—	—	—	—	—	—	—	—
Slitters, winders— paper production	—	—	—	—	—	—	—	—	—	—
Paper production machinery, n.e.c.	—	—	—	—	—	—	—	—	—	—
Printing machinery and equipment	173	92	—	—	—	—	—	—	—	18
Printing machinery and equipment, unspecified	—	—	—	—	—	—	—	—	—	—
Bindery machinery	—	—	—	—	—	—	—	—	—	—
Engraving machinery	16	—	—	—	—	—	—	—	—	—
Presses— printing	73	—	—	—	—	—	—	—	—	—
Printing machinery and equipment, n.e.c.	54	40	—	—	—	—	—	—	—	—
Textile, apparel, leather production machinery	144	—	—	—	—	—	—	—	—	—
Textile, apparel, leather production machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Sewing, stitching machinery	115	—	—	—	—	—	—	—	—	—
Spinning machinery	—	—	—	—	—	—	—	—	—	—
Textile, apparel, leather production machinery, n.e.c. ...	17	—	—	—	—	—	—	—	—	—
Other special process machinery ...	826	615	—	—	—	—	—	—	—	18
Other special process machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Dyeing machinery, except textile	—	—	—	—	—	—	—	—	—	—
Painting, priming, metal coating machinery	37	—	—	—	—	—	—	—	—	—
Pumps	707	597	—	—	—	—	—	—	—	18
Special process machinery, n.e.c.	52	—	—	—	—	—	—	—	—	—
Miscellaneous machinery	3,021	1,432	—	111	—	—	—	—	—	114
Audio and video equipment	1,550	891	—	—	—	—	—	—	—	—
Radios, stereos, and other audio equipment	113	43	—	—	—	—	—	—	—	—
Telephones and communication equipment	189	69	—	—	—	—	—	—	—	—
Televisions	1,169	733	—	—	—	—	—	—	—	—
Video players and recorders— tape and disk	—	—	—	—	—	—	—	—	—	—
Audio and video equipment, n.e.c.	41	—	—	—	—	—	—	—	—	—
Product assembly machinery, n.e.c.	77	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Product testing, inspecting, and diagnostic machinery, n.e.c.	393	114	40	—	—	—	—	—	—
Other machinery	399	7,144	5,456	1,345	1,110	2,991	—	152	—
Other machinery, unspecified	3990	580	540	214	82	245	—	—	—
Air compressors	3991	847	456	358	76	—	—	36	—
Snowblowers	3994	302	257	—	—	224	—	—	—
Snow plows	3995	69	—	—	—	—	—	—	—
Trash compactors	3997	233	188	38	99	48	—	—	—
Vending machines	3998	337	193	107	83	—	—	—	—
Machinery, n.e.c.	3999	4,737	3,777	576	763	2,436	—	59	—
Parts and materials	4	147,553	77,951	48,716	19,587	7,743	633	2,462	395
Parts and materials, unspecified	40	9,772	3,051	1,912	653	312	—	43	—
Building materials— solid elements ...	41	64,110	36,098	23,122	9,481	2,836	469	1,420	266
Building materials— solid elements, unspecified	410	650	96	79	—	—	—	—	56
Bricks, blocks, structural stone	411	4,080	1,562	957	496	110	—	191	—
Bricks, blocks, structural stone, unspecified	4110	649	248	179	62	—	—	—	—
Bricks and pavers	4111	202	106	55	47	—	—	—	—
Concrete blocks, cinder blocks ..	4112	2,034	839	414	352	73	—	66	—
Structural stones or slabs, n.e.c.	4113	528	162	132	—	17	—	72	—
Bricks, blocks, structural stone, n.e.c.	4119	667	207	177	—	—	—	38	—
Pipes, ducts, tubing	412	12,085	6,888	4,102	2,002	751	—	234	—
Pipes, ducts, tubing, unspecified	4120	5,254	2,973	1,918	671	376	17	91	—
Concrete or clay pipes and conduits	4121	406	231	127	64	37	—	—	—
Ducts	4122	1,098	655	259	392	—	—	—	—
Metal pipe, tubing	4123	3,395	1,995	1,198	478	297	—	85	—
Pipe fittings	4124	362	183	127	54	—	—	—	—
Plastic or rubber pipe and tubing	4125	501	338	155	182	—	—	—	—
Pipes, ducts, tubing, n.e.c.	4129	1,070	514	317	162	—	—	—	—
Structural metal materials	413	23,252	15,217	9,204	4,391	1,177	312	630	67
Structural metal materials, unspecified	4130	2,406	1,504	1,068	305	91	—	—	—
Angle iron	4131	913	477	238	190	49	—	—	—
Bars, rods, reinforcing bar (rebar)	4132	3,908	2,617	1,656	660	252	—	135	—
Beams	4133	3,834	2,519	1,507	789	209	96	112	—
Grates	4134	936	565	216	274	40	—	88	—
Plates, metal panels	4135	4,341	2,773	2,161	324	263	—	63	—
Rails	4136	1,116	511	168	250	79	117	107	—
Sheet metal	4137	2,806	2,133	930	1,066	65	19	42	—
Structural metal materials, n.e.c.	4139	2,991	2,118	1,259	531	129	17	17	—
Tiles, shingles	414	1,639	622	440	176	—	—	76	—
Tiles, shingles, unspecified	4140	306	117	110	—	—	—	—	—
Ceiling tiles	4141	242	153	134	19	—	—	—	—
Ceramic or stone tiles— drain, roof, multipurpose	4142	283	196	64	132	—	—	20	—
Roof shingles, except tile	4143	422	109	94	—	—	—	—	—
Vinyl floor tiles	4144	185	—	—	—	—	—	54	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Product testing, inspecting, and diagnostic machinery, n.e.c.	54	—	—	—	—	—	—	—	—	—
Other machinery	1,340	514	—	—	—	—	—	—	—	106
Other machinery, unspecified	—	—	—	—	—	—	—	—	—	—
Air compressors	334	197	—	—	—	—	—	—	—	19
Snowblowers	42	—	—	—	—	—	—	—	—	—
Snow plows	—	—	—	—	—	—	—	—	—	—
Trash compactors	—	—	—	—	—	—	—	—	—	—
Vending machines	128	53	—	—	—	—	—	—	—	—
Machinery, n.e.c.	755	227	—	—	—	—	—	—	—	85
Parts and materials	60,178	32,657	—	4,006	18	737	192	91	100	982
Parts and materials, unspecified	6,400	3,682	—	77	—	—	—	—	—	195
Building materials— solid elements ...	25,007	14,609	—	324	—	—	48	48	—	466
Building materials— solid elements, unspecified	498	103	—	—	—	—	—	—	—	—
Bricks, blocks, structural stone	2,278	1,565	—	20	—	—	—	—	—	—
Bricks, blocks, structural stone, unspecified	392	282	—	—	—	—	—	—	—	—
Bricks and pavers	86	52	—	—	—	—	—	—	—	—
Concrete blocks, cinder blocks ..	1,100	777	—	—	—	—	—	—	—	—
Structural stones or slabs, n.e.c.	277	214	—	—	—	—	—	—	—	—
Bricks, blocks, structural stone, n.e.c.	423	240	—	—	—	—	—	—	—	—
Pipes, ducts, tubing	4,723	2,652	—	66	—	—	16	16	—	90
Pipes, ducts, tubing, unspecified	2,040	1,055	—	41	—	—	—	—	—	65
Concrete or clay pipes and conduits	167	128	—	—	—	—	—	—	—	—
Ducts	417	333	—	—	—	—	—	—	—	—
Metal pipe, tubing	1,288	830	—	—	—	—	—	—	—	—
Pipe fittings	176	79	—	—	—	—	—	—	—	—
Plastic or rubber pipe and tubing	146	68	—	—	—	—	—	—	—	—
Pipes, ducts, tubing, n.e.c.	488	157	—	—	—	—	—	—	—	—
Structural metal materials	6,728	4,033	—	163	—	—	—	—	—	131
Structural metal materials, unspecified	760	480	—	79	—	—	—	—	—	17
Angle iron	387	191	—	—	—	—	—	—	—	—
Bars, rods, reinforcing bar (rebar)	1,103	579	—	—	—	—	—	—	—	—
Beams	1,058	763	—	—	—	—	—	—	—	48
Grates	251	106	—	—	—	—	—	—	—	—
Plates, metal panels	1,446	950	—	—	—	—	—	—	—	—
Rails	341	104	—	—	—	—	—	—	—	—
Sheet metal	589	369	—	—	—	—	—	—	—	—
Structural metal materials, n.e.c.	794	491	—	—	—	—	—	—	—	—
Tiles, shingles	892	402	—	—	—	—	—	—	—	—
Tiles, shingles, unspecified	187	144	—	—	—	—	—	—	—	—
Ceiling tiles	67	39	—	—	—	—	—	—	—	—
Ceramic or stone tiles— drain, roof, multipurpose	64	51	—	—	—	—	—	—	—	—
Roof shingles, except tile	288	144	—	—	—	—	—	—	—	—
Vinyl floor tiles	130	16	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Tiles, shingles, n.e.c.	4149	201	46	38	—	—	—	—	—
Wood, lumber	415	16,201	8,943	6,461	1,717	654	70	221	113
Wood, lumber, unspecified	4150	4,672	2,320	1,715	315	206	—	67	—
Dimensional lumber: 2x4, 2x3, etc.	4151	5,834	3,628	2,610	749	250	—	81	—
Plywood, wood paneling, particle, chip, flake board	4152	2,826	1,351	1,042	226	77	42	—	89
Wood pieces, trim pieces, n.e.c.	4153	771	548	307	236	—	—	—	—
Wood, lumber, n.e.c.	4159	2,098	1,096	787	191	116	—	—	—
Other building materials— solid elements	419	6,202	2,771	1,881	689	133	—	67	—
Other building materials— solid elements, unspecified	4190	101	20	—	—	—	—	—	—
Fencing and screening materials, n.e.c.	4191	125	38	—	—	—	—	—	—
Flashing	4192	70	62	—	—	—	—	—	—
Glass, window panes	4193	1,918	1,181	777	345	—	—	20	—
Gutters, downspouts	4194	133	80	73	—	—	—	—	—
Sheet flooring	4195	81	46	—	41	—	—	—	—
Siding— aluminum, vinyl	4196	501	133	106	18	—	—	—	—
Structural hardware, n.e.c.	4197	199	150	58	72	18	—	—	—
Wallboard, drywall	4198	2,147	533	445	59	—	—	17	—
Other building materials— solid elements, n.e.c.	4199	927	528	347	100	79	—	—	—
Fasteners, connectors, ropes, ties	42	18,060	14,939	8,839	4,521	1,242	36	167	—
Fasteners, connectors, ropes, ties, unspecified	420	36	—	—	—	—	—	—	—
Fasteners	421	10,204	9,451	5,247	3,669	427	—	85	—
Fasteners, unspecified	4210	47	37	—	—	—	—	—	—
Clamps, couplings	4211	549	414	249	75	90	—	—	—
Nails, brads, tacks	4212	6,627	6,494	3,379	2,806	307	—	—	—
Nuts, bolts, washers	4213	852	585	277	226	—	—	—	—
Rivets	4214	115	115	111	—	—	—	—	—
Screws	4215	527	520	172	343	—	—	—	—
Spikes	4216	52	—	—	—	—	—	—	—
Staples	4217	960	956	824	118	—	—	—	—
Fasteners, n.e.c.	4219	476	308	191	82	—	—	—	—
Ropes, ties	422	6,630	4,890	3,176	758	729	—	41	—
Ropes, ties, unspecified	4220	367	142	77	—	48	—	—	—
Bands	4221	472	424	314	96	—	—	—	—
Bungee cords	4222	822	797	770	—	—	—	—	—
Chains, n.e.c.	4223	1,298	916	383	108	425	—	—	—
Rope, twine, string	4224	501	248	113	—	67	—	—	—
Strapping	4225	1,146	899	610	153	77	—	—	—
Wire— nonelectrical	4226	1,655	1,257	789	332	79	—	17	—
Ropes, ties, n.e.c.	4229	368	208	121	—	—	—	—	—
Valves, nozzles	423	739	279	170	54	55	—	38	—
Fasteners, connectors, ropes, ties, n.e.c.	429	452	297	232	—	—	—	—	—
Hoisting accessories	43	1,080	839	529	149	143	—	—	—
Hoisting accessories, unspecified ..	430	107	50	—	—	—	—	—	—
Fixtures, load indicators	431	—	—	—	—	—	—	—	—
Hooks, shackles, magnets, clamshells	432	648	562	351	95	98	—	—	—
Slings	433	126	83	64	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Tiles, shingles, n.e.c.	155	—	—	—	—	—	—	—	—	—
Wood, lumber	6,613	3,811	—	55	—	—	—	—	—	171
Wood, lumber, unspecified	2,227	1,277	—	43	—	—	—	—	—	—
Dimensional lumber: 2x4, 2x3, etc.	2,085	1,204	—	—	—	—	—	—	—	—
Plywood, wood paneling, particle, chip, flake board	1,223	789	—	—	—	—	—	—	—	94
Wood pieces, trim pieces, n.e.c.	204	118	—	—	—	—	—	—	—	—
Wood, lumber, n.e.c.	874	424	—	—	—	—	—	—	—	60
Other building materials— solid elements	3,275	2,042	—	17	—	—	—	—	—	—
Other building materials— solid elements, unspecified	81	74	—	—	—	—	—	—	—	—
Fencing and screening materials, n.e.c.	71	—	—	—	—	—	—	—	—	16
Flashing	—	—	—	—	—	—	—	—	—	—
Glass, window panes	697	463	—	—	—	—	—	—	—	—
Gutters, downspouts	46	—	—	—	—	—	—	—	—	—
Sheet flooring	—	—	—	—	—	—	—	—	—	—
Siding— aluminum, vinyl	367	248	—	—	—	—	—	—	—	—
Structural hardware, n.e.c.	49	—	—	—	—	—	—	—	—	—
Wallboard, drywall	1,593	967	—	—	—	—	—	—	—	—
Other building materials— solid elements, n.e.c.	331	234	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties	2,784	504	—	46	—	—	—	—	—	80
Fasteners, connectors, ropes, ties, unspecified	—	—	—	—	—	—	—	—	—	—
Fasteners	567	82	—	—	—	—	—	—	—	54
Fasteners, unspecified	—	—	—	—	—	—	—	—	—	—
Clamps, couplings	122	—	—	—	—	—	—	—	—	—
Nails, brads, tacks	—	—	—	—	—	—	—	—	—	43
Nuts, bolts, washers	222	—	—	—	—	—	—	—	—	—
Rivets	—	—	—	—	—	—	—	—	—	—
Screws	—	—	—	—	—	—	—	—	—	—
Spikes	—	—	—	—	—	—	—	—	—	—
Staples	—	—	—	—	—	—	—	—	—	—
Fasteners, n.e.c.	156	—	—	—	—	—	—	—	—	—
Ropes, ties	1,642	196	—	—	—	—	—	—	—	—
Ropes, ties, unspecified	219	—	—	—	—	—	—	—	—	—
Bands	46	—	—	—	—	—	—	—	—	—
Bungee cords	—	—	—	—	—	—	—	—	—	—
Chains, n.e.c.	369	87	—	—	—	—	—	—	—	—
Rope, twine, string	250	—	—	—	—	—	—	—	—	—
Strapping	247	—	—	—	—	—	—	—	—	—
Wire— nonelectrical	339	49	—	—	—	—	—	—	—	—
Ropes, ties, n.e.c.	159	—	—	—	—	—	—	—	—	—
Valves, nozzles	413	170	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties, n.e.c.	147	53	—	—	—	—	—	—	—	—
Hoisting accessories	222	85	—	—	—	—	—	—	—	—
Hoisting accessories, unspecified ..	48	—	—	—	—	—	—	—	—	—
Fixtures, load indicators	17	17	—	—	—	—	—	—	—	—
Hooks, shackles, magnets, clamshells	81	—	—	—	—	—	—	—	—	—
Slings	40	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Hoisting accessories, n.e.c.	439	176	141	78	—	—	—	—	—
Machine, tool, and electric parts	44	17,343	7,672	4,679	1,300	1,485	—	142	80
Machine, tool, and electric parts, unspecified	440	405	179	145	—	—	—	—	—
Electric parts	441	7,276	2,046	1,045	375	481	—	100	68
Electric parts, unspecified	4410	412	48	—	—	—	—	—	—
Electrical wiring	4411	3,144	811	476	94	239	—	—	68
Generators	4412	286	39	—	—	—	—	—	—
Magnetic and electrolytic apparatus	4413	75	18	—	—	—	—	—	—
Motors	4414	1,070	471	251	75	115	—	—	—
Power lines, transformers, converters	4415	632	213	49	75	90	—	—	—
Relays, rheostats, starters, controls	4416	85	—	—	19	—	—	—	—
Switchboards, switches, fuses ...	4417	438	53	—	18	—	—	—	—
Electric parts, n.e.c.	4419	1,133	363	191	65	—	—	—	—
Machine and appliance parts	442	8,308	4,437	2,634	830	924	—	—	—
Machine and appliance parts, unspecified	4420	686	276	228	—	—	—	—	—
Dies, molds, patterns	4421	2,116	882	508	143	215	—	—	—
Drives— chain, leather, fabric, vee belt	4422	174	85	45	—	—	—	—	—
Drums, pulleys, sheaves	4423	1,978	1,228	431	450	332	—	—	—
Engines, turbines, except vehicle	4424	63	—	—	16	—	—	—	—
Gears	4426	242	100	53	—	43	—	—	—
Rollers	4427	694	486	268	50	164	—	—	—
Machine and appliance parts, n.e.c.	4429	2,339	1,347	1,091	136	109	—	—	—
Tool parts, accessories	443	1,037	866	741	57	54	—	—	—
Tool parts, accessories, unspecified	4430	89	53	44	—	—	—	—	—
Drill bits— unattached	4431	353	308	259	17	—	—	—	—
Saw blades— unattached	4432	314	276	212	40	—	—	—	—
Tool parts, accessories, n.e.c. ...	4439	280	229	227	—	—	—	—	—
Machine, tool, and electric parts, n.e.c.	449	317	143	115	—	—	—	—	—
Metal materials— nonstructural	45	7,676	4,189	2,407	1,337	327	—	123	—
Metal materials— nonstructural, unspecified	450	2,638	1,536	829	566	108	—	—	—
Metal sheets, ingots, bars— nonstructural	451	2,207	1,439	982	322	107	—	86	—
Molten or hot metals, slag	452	1,141	135	50	19	—	—	—	—
Metal materials— nonstructural, n.e.c.	459	1,691	1,079	546	430	99	19	—	17
Tars, sealants, caulking, insulating materials	46	1,085	184	59	53	—	—	—	—
Tars, sealants, caulking, insulating materials, unspecified	460	138	—	—	—	—	—	—	—
Asphalt, roofing tar	461	610	—	—	—	—	—	—	—
Fiberglass insulation	462	130	69	17	—	—	—	—	—
Foam caulking, foam insulation	463	102	17	—	—	—	—	—	—
Plastic, vinyl caulking	465	—	16	—	—	—	—	—	—
Tarps and sheeting— nonmetal	47	920	218	109	—	100	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Hoisting accessories, n.e.c.	—	17	—	—	—	—	—	—	—	—
Machine, tool, and electric parts	7,162	3,101	—	1,799	—	333	—	—	—	125
Machine, tool, and electric parts, unspecified	207	85	—	—	—	—	—	—	—	—
Electric parts	2,921	1,086	—	1,712	—	310	—	—	—	104
Electric parts, unspecified	206	94	—	157	—	—	—	—	—	—
Electrical wiring	1,112	114	—	1,041	—	49	—	—	—	—
Generators	234	147	—	—	—	—	—	—	—	—
Magnetic and electrolytic apparatus	19	19	—	38	—	—	—	—	—	—
Motors	542	376	—	—	—	—	—	—	—	17
Power lines, transformers, converters	230	72	—	155	—	—	—	—	—	—
Relays, rheostats, starters, controls	—	19	—	—	—	—	—	—	—	—
Switchboards, switches, fuses ...	190	65	—	111	—	—	—	—	—	40
Electric parts, n.e.c.	362	180	—	178	—	229	—	—	—	—
Machine and appliance parts	3,713	1,765	—	74	—	18	—	—	—	—
Machine and appliance parts, unspecified	407	272	—	—	—	—	—	—	—	—
Dies, molds, patterns	1,184	556	—	—	—	18	—	—	—	—
Drives— chain, leather, fabric, vee belt	90	36	—	—	—	—	—	—	—	—
Drums, pulleys, sheaves	724	164	—	—	—	—	—	—	—	—
Engines, turbines, except vehicle	—	17	—	—	—	—	—	—	—	—
Gears	136	73	—	—	—	—	—	—	—	—
Rollers	186	73	—	—	—	—	—	—	—	—
Machine and appliance parts, n.e.c.	947	562	—	—	—	—	—	—	—	—
Tool parts, accessories	150	79	—	—	—	—	—	—	—	—
Tool parts, accessories, unspecified	36	—	—	—	—	—	—	—	—	—
Drill bits— unattached	—	—	—	—	—	—	—	—	—	—
Saw blades— unattached	37	—	—	—	—	—	—	—	—	—
Tool parts, accessories, n.e.c. ..	46	—	—	—	—	—	—	—	—	—
Machine, tool, and electric parts, n.e.c.	170	87	—	—	—	—	—	—	—	—
Metal materials— nonstructural	2,211	1,484	—	1,016	—	45	42	42	—	—
Metal materials— nonstructural, unspecified	1,024	691	—	—	—	—	—	—	—	—
Metal sheets, ingots, bars— nonstructural	637	422	—	—	—	—	—	—	—	—
Molten or hot metals, slag	82	50	—	881	—	38	—	—	—	—
Metal materials— nonstructural, n.e.c.	468	322	—	76	—	—	—	—	—	—
Tars, sealants, caulking, insulating materials	283	163	—	612	—	—	—	—	—	—
Tars, sealants, caulking, insulating materials, unspecified	99	48	—	—	—	—	—	—	—	—
Asphalt, roofing tar	67	66	—	514	—	—	—	—	—	—
Fiberglass insulation	—	—	—	—	—	—	—	—	—	—
Foam caulking, foam insulation	84	—	—	—	—	—	—	—	—	—
Plastic, vinyl caulking	—	—	—	—	—	—	—	—	—	—
Tarps and sheeting— nonmetal	696	274	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Tarps and sheeting— nonmetal, unspecified	470	238	61	48	—	—	—	—	—
Roofing paper, roofing felt	471	46	—	—	—	—	—	—	—
Tarps, plastic or fabric sheeting	472	584	151	54	—	97	—	—	—
Tarps and sheeting— nonmetal, n.e.c.	479	53	—	—	—	—	—	—	—
Vehicle and mobile equipment parts ..	48	21,138	7,959	5,016	1,520	1,136	63	470	18
Vehicle and mobile equipment parts, unspecified	480	1,065	349	258	59	—	—	—	—
Tires, inner tubes, wheels	481	6,990	1,807	1,432	171	138	—	46	—
Tires, inner tubes, wheels, unspecified	4810	933	220	187	—	—	—	—	—
Tire inner tubes	4812	118	—	—	—	—	—	—	—
Tires, except bike	4813	4,014	642	516	57	55	—	—	—
Wheels, tire rims	4814	1,340	721	537	93	66	—	—	—
Tires, inner tubes, wheels, n.e.c.	4819	585	200	166	—	—	—	—	—
Engine parts and accessories	482	5,201	2,179	1,026	385	669	—	242	—
Engine parts and accessories, unspecified	4820	242	127	96	20	—	—	—	—
Battery	4821	1,184	335	297	17	19	—	—	—
Belts, hoses	4822	139	74	—	—	55	—	—	—
Engine block	4823	1,117	575	51	—	495	—	242	—
Fan	4824	105	98	40	—	—	—	—	—
Muffler, exhaust	4825	139	—	—	—	—	—	—	—
Radiator	4826	111	19	19	—	—	—	—	—
Transmission	4827	890	334	148	131	55	—	—	—
Engine parts and accessories, n.e.c.	4829	1,274	583	341	149	43	—	—	—
Trailers	483	2,416	981	440	312	181	18	140	—
Windshields, vehicle windows	484	345	102	44	—	—	—	—	—
Vehicle and mobile equipment parts, n.e.c.	489	5,122	2,541	1,815	581	121	—	42	—
Parts and materials, n.e.c.	49	6,369	2,803	2,044	563	152	—	81	—
Persons, plants, animals, and minerals	5	346,105	13,875	9,000	3,360	571	375	474	42,932
Animals and animal products	51	10,873	657	339	172	75	—	—	—
Animals, unspecified	510	42	—	—	—	—	—	—	—
Animal products— nonfood	511	147	72	19	44	—	—	—	—
Bones, shells	5111	41	—	—	—	—	—	—	—
Hides— leather	5114	42	—	—	—	—	—	—	—
Animal products— nonfood, n.e.c.	5119	59	—	—	—	—	—	—	—
Birds and fowl	512	147	—	—	—	—	—	—	—
Turkeys	5125	120	—	—	—	—	—	—	—
Fish, shellfish	513	135	68	—	40	—	—	—	—
Insects, arachnids (spiders, ticks, scorpions, etc.)	514	4,928	—	—	—	—	—	—	—
Mammals, except humans	515	5,212	412	252	50	75	—	—	—
Cats	5151	1,155	—	—	—	—	—	—	—
Cattle	5152	1,040	152	101	—	—	—	—	—
Dogs	5153	1,984	—	—	—	—	—	—	—
Horses	5154	546	118	52	—	—	—	—	—
Rats, rodents	5155	—	—	—	—	—	—	—	—
Sheep	5156	73	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Tarps and sheeting— nonmetal, unspecified	177	61	—	—	—	—	—	—	—	—
Roofing paper, roofing felt	—	19	—	—	—	—	—	—	—	—
Tarps, plastic or fabric sheeting	433	192	—	—	—	—	—	—	—	—
Tarps and sheeting— nonmetal, n.e.c.	53	—	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts ..	11,974	7,054	—	112	—	346	100	—	100	84
Vehicle and mobile equipment parts, unspecified	669	272	—	—	—	—	—	—	—	—
Tires, inner tubes, wheels	4,804	3,257	—	—	—	288	—	—	—	40
Tires, inner tubes, wheels, unspecified	639	396	—	—	—	63	—	—	—	—
Tire inner tubes	85	—	—	—	—	—	—	—	—	—
Tires, except bike	3,134	2,009	—	—	—	216	—	—	—	—
Wheels, tire rims	564	458	—	—	—	—	—	—	—	—
Tires, inner tubes, wheels, n.e.c.	384	361	—	—	—	—	—	—	—	—
Engine parts and accessories	2,635	1,692	—	58	—	58	—	—	—	—
Engine parts and accessories, unspecified	111	79	—	—	—	—	—	—	—	—
Battery	784	606	—	—	—	58	—	—	—	—
Belts, hoses	55	—	—	—	—	—	—	—	—	—
Engine block	300	207	—	—	—	—	—	—	—	—
Fan	—	—	—	—	—	—	—	—	—	—
Muffler, exhaust	68	61	—	36	—	—	—	—	—	—
Radiator	91	80	—	—	—	—	—	—	—	—
Transmission	550	277	—	—	—	—	—	—	—	—
Engine parts and accessories, n.e.c.	667	374	—	—	—	—	—	—	—	—
Trailers	1,149	432	—	—	—	—	100	—	100	20
Windshields, vehicle windows	242	120	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts, n.e.c.	2,475	1,281	—	—	—	—	—	—	—	—
Parts and materials, n.e.c.	3,440	1,701	—	—	—	—	—	—	—	19
Persons, plants, animals, and minerals	67,966	33,769	58,576	14,042	—	—	21,768	16,069	5,699	126,088
Animals and animal products	915	338	—	3,444	—	—	5,743	88	5,656	61
Animals, unspecified	—	—	—	—	—	—	—	—	—	—
Animal products— nonfood	69	—	—	—	—	—	—	—	—	—
Bones, shells	—	—	—	—	—	—	—	—	—	—
Hides— leather	37	—	—	—	—	—	—	—	—	—
Animal products— nonfood, n.e.c.	—	—	—	—	—	—	—	—	—	—
Birds and fowl	107	76	—	—	—	—	—	—	—	—
Turkeys	92	71	—	—	—	—	—	—	—	—
Fish, shellfish	—	—	—	—	—	—	19	—	—	—
Insects, arachnids (spiders, ticks, scorpions, etc.)	—	—	—	3,246	—	—	1,648	—	1,648	—
Mammals, except humans	711	249	—	60	—	—	3,970	42	3,928	—
Cats	—	—	—	—	—	—	1,143	—	1,143	—
Cattle	166	19	—	—	—	—	723	—	714	—
Dogs	377	170	—	43	—	—	1,535	—	1,533	—
Horses	—	—	—	—	—	—	347	—	323	—
Rats, rodents	—	—	—	—	—	—	18	—	18	—
Sheep	—	—	—	—	—	—	60	—	60	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Swine	5157	265	102	85	-	-	-	-	-
Mammals, n.e.c.	5159	110	-	-	-	-	-	-	-
Reptiles, snakes	516	101	-	-	-	-	-	-	-
Animal waste products, including manure	517	111	40	-	-	-	-	-	-
Animals, n.e.c.	519	51	-	-	-	-	-	-	-
Food products— fresh or processed ..	52	7,225	514	329	85	-	-	-	-
Food products— fresh or processed, unspecified	520	295	-	-	-	-	-	-	-
Bakery products, candy, confections, snack foods	521	251	66	62	-	-	-	-	-
Beverages, n.e.c.	522	695	-	-	-	-	-	-	-
Dairy products	523	288	-	-	-	-	-	-	-
Fruits, nuts, vegetables	524	320	120	68	46	-	-	-	-
Grains, grain mill products	525	87	63	-	-	-	-	-	-
Meat, poultry	526	671	150	123	-	-	-	-	-
Seafood	527	203	-	18	-	-	-	-	-
Multiple foods or groceries	528	117	-	-	-	-	-	-	-
Other food products— fresh or processed	529	4,299	56	18	-	-	-	-	-
Fats, oils	5291	3,426	-	-	-	-	-	-	-
Sugar, cocoa, chocolate	5292	18	-	-	-	-	-	-	-
Other food products— fresh or processed, n.e.c.	5299	855	44	18	-	-	-	-	-
Infectious and parasitic agents	53	2,093	-	-	-	-	-	-	-
Infectious and parasitic agents, unspecified	530	388	-	-	-	-	-	-	-
Bacteria	531	462	-	-	-	-	-	-	-
Fungi	532	289	-	-	-	-	-	-	-
Viruses	533	419	-	-	-	-	-	-	-
Infectious and parasitic agents, n.e.c.	539	535	-	-	-	-	-	-	-
Metallic minerals	54	58	43	38	-	-	-	-	-
Metallic minerals, unspecified	540	-	-	17	-	-	-	-	-
Metal ores— nonradiating	541	-	20	20	-	-	-	-	-
Nonmetallic minerals, except fuel	55	4,017	2,652	1,199	1,248	151	227	187	40
Nonmetallic minerals, except fuel, unspecified	550	257	147	108	-	-	-	-	-
Boulders	552	83	-	17	-	-	-	-	-
Clay— natural and processed	553	-	16	-	-	-	-	-	-
Dirt, earth	554	235	123	45	37	-	-	-	-
Rocks, crushed stone	555	3,022	2,110	925	1,090	93	208	131	-
Sand, gravel	556	337	214	69	105	-	-	17	-
Nonmetallic minerals, except fuel, n.e.c.	559	40	-	-	-	-	-	-	-
Person— injured or ill worker	56	228,984	132	78	-	-	-	-	42,854
Bodily conditions of injured, ill worker	561	7,187	-	-	-	-	-	-	104
Bodily motion or position of injured, ill worker	562	220,794	-	-	-	-	-	-	42,745
Person— injured or ill worker, n.e.c.	569	1,003	125	78	17	-	-	-	-
Person— other than injured or ill worker	57	85,788	5,852	4,513	672	195	45	99	18
Person— other than injured, ill worker, unspecified	570	1,911	458	392	51	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Swine	86	—	—	—	—	—	64	—	64	—
Mammals, n.e.c.	—	—	—	—	—	—	80	—	74	—
Reptiles, snakes	—	—	—	—	—	—	48	—	48	49
Animal waste products, including manure	—	—	—	70	—	—	—	—	—	—
Animals, n.e.c.	—	—	—	—	—	—	44	41	—	—
Food products— fresh or processed ..	1,597	892	—	4,997	—	—	—	—	—	74
Food products— fresh or processed, unspecified	101	63	—	167	—	—	—	—	—	—
Bakery products, candy, confections, snack foods	126	96	—	51	—	—	—	—	—	—
Beverages, n.e.c.	209	169	—	486	—	—	—	—	—	—
Dairy products	231	64	—	40	—	—	—	—	—	—
Fruits, nuts, vegetables	160	126	—	39	—	—	—	—	—	—
Grains, grain mill products	—	—	—	—	—	—	—	—	—	—
Meat, poultry	394	208	—	67	—	—	—	—	—	55
Seafood	164	—	—	18	—	—	—	—	—	—
Multiple foods or groceries	96	78	—	—	—	—	—	—	—	—
Other food products— fresh or processed	112	88	—	4,098	—	—	—	—	—	—
Fats, oils	—	—	—	3,387	—	—	—	—	—	—
Sugar, cocoa, chocolate	—	—	—	—	—	—	—	—	—	—
Other food products— fresh or processed, n.e.c.	112	88	—	699	—	—	—	—	—	—
Infectious and parasitic agents	—	—	—	2,093	—	—	—	—	—	—
Infectious and parasitic agents, unspecified	—	—	—	388	—	—	—	—	—	—
Bacteria	—	—	—	462	—	—	—	—	—	—
Fungi	—	—	—	289	—	—	—	—	—	—
Viruses	—	—	—	419	—	—	—	—	—	—
Infectious and parasitic agents, n.e.c.	—	—	—	535	—	—	—	—	—	—
Metallic minerals	—	—	—	—	—	—	—	—	—	—
Metallic minerals, unspecified	—	—	—	—	—	—	—	—	—	—
Metal ores— nonradiating	—	—	—	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel	746	428	—	79	—	—	—	—	—	74
Nonmetallic minerals, except fuel, unspecified	89	48	—	—	—	—	—	—	—	—
Boulders	48	—	—	—	—	—	—	—	—	—
Clay— natural and processed	—	—	—	—	—	—	—	—	—	—
Dirt, earth	63	53	—	—	—	—	—	—	—	—
Rocks, crushed stone	480	279	—	—	—	—	—	—	—	68
Sand, gravel	—	—	—	39	—	—	—	—	—	—
Nonmetallic minerals, except fuel, n.e.c.	18	17	—	—	—	—	—	—	—	—
Person— injured or ill worker	928	255	58,576	1,452	—	—	—	—	—	125,032
Bodily conditions of injured, ill worker	174	—	—	1,446	—	—	—	—	—	5,454
Bodily motion or position of injured, ill worker	—	—	58,576	—	—	—	—	—	—	119,472
Person— injured or ill worker, n.e.c.	755	242	—	—	—	—	—	—	—	105
Person— other than injured or ill worker	62,302	30,929	—	700	—	—	16,004	15,961	43	765
Person— other than injured, ill worker, unspecified	365	238	—	58	—	—	1,005	1,002	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Bodily fluids or substances of person	571	411	43	—	—	—	—	—	—
Co-worker, former co-worker of injured or ill worker	572	3,121	1,025	608	275	37	41	—	—
Health care patient or resident of health care facility	573	69,994	2,978	2,454	165	138	—	—	16
Relative of injured or ill worker	574	195	—	—	—	—	—	—	—
Person— other than injured or ill worker, n.e.c.	579	10,156	1,349	1,045	180	19	—	36	—
Plants, trees, vegetation— not processed	58	7,014	4,008	2,493	1,155	138	63	155	—
Plants, trees, vegetation— not processed, unspecified	580	522	165	98	—	—	—	—	—
Field crops	582	201	—	—	—	—	—	—	—
Flowers	583	50	37	—	—	—	—	—	—
Houseplants	584	64	—	—	—	—	—	—	—
Poison ivy, oak, sumac	585	1,079	40	40	—	—	—	—	—
Shrubs, grasses	586	284	123	101	—	—	—	—	—
Trees, logs	587	4,065	3,052	1,946	876	107	46	107	—
Plants, trees, vegetation— not processed, n.e.c.	589	749	529	249	230	16	—	—	—
Persons, plants, animals, and minerals, n.e.c.	59	51	17	—	—	—	—	—	—
Structures and surfaces	6	293,365	34,045	14,493	15,346	2,559	78,327	157,787	3,619
Structures and surfaces, unspecified	60	586	153	—	128	17	179	147	—
Building systems	61	89	64	—	64	—	—	—	—
Building systems, unspecified	610	18	—	—	—	—	—	—	—
Climate control system	611	38	37	—	37	—	—	—	—
Floors, walkways, ground surfaces	62	255,548	9,441	846	6,583	677	76,624	154,576	3,531
Floors, walkways, ground surfaces, unspecified	620	16,689	476	—	145	63	6,919	8,205	383
Escalators	621	431	146	38	—	41	114	152	—
Floors	622	132,435	2,089	105	1,196	198	25,780	99,082	2,065
Floor, unspecified	6220	8,448	151	—	52	—	2,905	4,612	296
Floor of building	6221	117,472	1,570	17	976	93	21,392	90,252	1,683
Floor of elevator	6222	332	—	—	—	—	53	237	—
Floor of mine	6223	414	—	—	—	—	133	140	—
Floor of scaffold, staging, or temporary work platform	6224	935	210	70	90	48	183	454	—
Floor of vehicle	6225	2,085	51	—	39	—	173	1,711	68
Floor, n.e.c.	6229	2,749	56	—	—	37	941	1,676	—
Ground	623	50,773	1,760	67	1,194	58	21,419	23,154	203
Sidewalks, paths, outdoor walkways	624	7,527	212	—	199	—	900	6,035	226
Stairs, steps	625	20,884	1,901	261	1,576	61	16,117	1,911	364
Stairs, steps, unspecified	6250	9,562	773	39	714	19	7,022	1,431	81
Stairs, steps— indoors	6251	8,339	962	221	716	—	6,827	186	219
Stairs, steps— outdoors	6252	2,983	166	—	146	18	2,268	294	63
Street, road	626	2,738	56	—	45	—	886	1,526	85
Surfaces below ground level, n.e.c.	627	3,509	1,419	—	1,324	81	1,276	118	—
Surfaces below ground level, unspecified	6270	583	445	—	442	—	46	18	17

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Bodily fluids or substances of person	40	40	—	282	—	—	44	44	—	—
Co-worker, former co-worker of injured or ill worker	545	304	—	111	—	—	1,271	1,271	—	93
Health care patient or resident of health care facility	57,402	28,013	—	234	—	—	8,713	8,687	—	619
Relative of injured or ill worker	—	—	—	—	—	—	189	189	—	—
Person— other than injured or ill worker, n.e.c.	3,946	2,329	—	—	—	—	4,782	4,769	—	—
Plants, trees, vegetation— not processed	1,462	919	—	1,245	—	—	—	—	—	81
Plants, trees, vegetation— not processed, unspecified	247	189	—	105	—	—	—	—	—	—
Field crops	44	—	—	—	—	—	—	—	—	76
Flowers	—	—	—	—	—	—	—	—	—	—
Houseplants	—	—	—	—	—	—	—	—	—	—
Poison ivy, oak, sumac	—	—	—	1,031	—	—	—	—	—	—
Shrubs, grasses	114	48	—	—	—	—	—	—	—	—
Trees, logs	840	541	—	—	—	—	—	—	—	—
Plants, trees, vegetation— not processed, n.e.c.	166	85	—	—	—	—	—	—	—	—
Persons, plants, animals, and minerals, n.e.c.	—	—	—	—	—	—	—	—	—	—
Structures and surfaces	8,761	4,006	—	62	415	—	633	633	—	9,694
Structures and surfaces, unspecified	—	—	—	—	—	—	—	—	—	106
Building systems	—	—	—	—	—	—	—	—	—	—
Building systems, unspecified	—	—	—	—	—	—	—	—	—	—
Climate control system	—	—	—	—	—	—	—	—	—	—
Floors, walkways, ground surfaces	1,462	513	—	38	411	—	535	535	—	8,924
Floors, walkways, ground surfaces, unspecified	16	—	—	—	—	—	—	—	—	677
Escalators	17	—	—	—	—	—	—	—	—	—
Floors	377	120	—	—	179	—	313	313	—	2,541
Floor, unspecified	43	—	—	—	73	—	18	18	—	347
Floor of building	139	77	—	—	106	—	296	296	—	2,028
Floor of elevator	—	—	—	—	—	—	—	—	—	—
Floor of mine	106	—	—	—	—	—	—	—	—	—
Floor of scaffold, staging, or temporary work platform	64	37	—	—	—	—	—	—	—	—
Floor of vehicle	—	—	—	—	—	—	—	—	—	69
Floor, n.e.c.	—	—	—	—	—	—	—	—	—	62
Ground	314	17	—	16	86	—	—	—	—	3,796
Sidewalks, paths, outdoor walkways	18	—	—	—	—	—	—	—	—	135
Stairs, steps	191	18	—	—	—	—	—	—	—	397
Stairs, steps, unspecified	52	—	—	—	—	—	—	—	—	200
Stairs, steps— indoors	—	—	—	—	—	—	—	—	—	130
Stairs, steps— outdoors	125	—	—	—	—	—	—	—	—	67
Street, road	—	—	—	—	57	—	—	—	—	114
Surfaces below ground level, n.e.c.	—	—	—	—	—	—	—	—	—	640
Surfaces below ground level, unspecified	—	—	—	—	—	—	—	—	—	37

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Ditches, channels, trenches, excavations	6271	1,279	153	—	90	63	591	—	—
Other surfaces below ground level, n.e.c.	6279	1,648	821	—	793	18	639	72	—
Parking lots	628	14,341	421	—	417	—	1,962	11,397	69
Other floors, walkways, ground surfaces	629	6,221	961	329	471	161	1,252	2,997	106
Other floors, walkways, ground surfaces, unspecified	6290	230	20	—	—	—	85	93	—
Piers, wharfs	6291	71	—	—	—	—	—	—	—
Ramps, runways, loading docks	6292	4,809	733	286	293	154	791	2,346	101
Floors, walkways, ground surfaces, n.e.c.	6299	1,112	175	—	163	—	363	538	—
Other structural elements	63	30,473	20,469	12,032	6,712	1,452	918	2,553	52
Other structural elements, unspecified	630	179	109	—	80	—	47	—	—
Doors	631	17,609	12,963	9,166	2,669	1,037	48	517	—
Fences, fence panels	632	710	239	132	90	17	62	85	—
Gates	633	1,975	1,572	1,057	399	99	—	63	—
Roof	634	1,227	457	270	131	—	237	413	—
Roof trusses	635	793	381	199	171	—	92	59	—
Walls	637	4,253	2,439	430	1,840	160	165	1,080	—
Windows	638	1,649	858	564	261	—	—	126	—
Structural elements, n.e.c.	639	2,069	1,451	206	1,070	81	222	206	—
Structures	64	6,310	3,759	1,574	1,763	388	587	471	—
Structures, unspecified	640	152	104	—	95	—	—	—	—
Buildings—office, plant, residential	642	219	85	—	74	—	—	66	—
Mines, caves, tunnels	644	928	346	141	182	—	245	37	—
Mines, caves, tunnels, unspecified	6440	45	41	—	—	—	—	—	—
Sewers, manholes, storm drains	6443	870	305	135	151	19	244	—	—
Pools	645	89	18	—	—	—	—	—	—
Scaffolds— staging	646	2,086	1,361	663	491	200	198	136	—
Scaffolds— staging, unspecified	6460	1,712	1,135	528	442	163	103	115	—
Scaffolds— self-supporting staging	6462	93	—	—	—	—	67	—	—
Scaffolds— staging supported by structure or other means	6463	75	66	—	17	—	—	—	—
Scaffolds— suspended staging ..	6464	—	18	—	—	—	—	—	—
Scaffolds— staging, n.e.c.	6469	166	120	94	—	—	20	—	—
Towers, poles	647	2,053	1,428	597	703	106	—	101	—
Other structures	648	742	406	155	195	50	81	94	—
Guardrails, road dividers	6481	195	126	38	82	—	—	—	—
Hydrants	6482	55	53	—	18	—	—	—	—
Other structures, n.e.c.	6489	465	213	82	88	42	76	77	—
Structures and surfaces, n.e.c.	69	358	159	38	95	—	18	—	—
Tools, instruments, and equipment ...	7	93,185	55,659	43,719	7,338	3,406	2,803	935	231
Tools, instruments, and equipment, unspecified	70	3,718	1,010	673	249	68	—	63	—
Handtools— nonpowered	71	45,225	32,847	29,666	2,337	616	—	144	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Ditches, channels, trenches, excavations	-	-	-	-	-	-	-	-	-	490
Other surfaces below ground level, n.e.c.	-	-	-	-	-	-	-	-	-	113
Parking lots	-	-	-	-	-	-	189	189	-	268
Other floors, walkways, ground surfaces	501	337	-	-	49	-	-	-	-	356
Other floors, walkways, ground surfaces, unspecified	-	-	-	-	-	-	-	-	-	-
Piers, wharfs	-	-	-	-	-	-	-	-	-	-
Ramps, runways, loading docks	465	308	-	-	49	-	-	-	-	323
Floors, walkways, ground surfaces, n.e.c.	-	-	-	-	-	-	-	-	-	-
Other structural elements	6,023	2,722	-	-	-	-	89	89	-	335
Other structural elements, unspecified	-	-	-	-	-	-	-	-	-	-
Doors	3,847	1,538	-	-	-	-	-	-	-	172
Fences, fence panels	321	164	-	-	-	-	-	-	-	-
Gates	312	154	-	-	-	-	-	-	-	-
Roof	-	17	-	-	-	-	-	-	-	63
Roof trusses	262	165	-	-	-	-	-	-	-	-
Walls	419	253	-	-	-	-	56	56	-	79
Windows	628	356	-	-	-	-	-	-	-	-
Structural elements, n.e.c.	184	58	-	-	-	-	-	-	-	-
Structures	1,138	663	-	-	-	-	-	-	-	327
Structures, unspecified	-	-	-	-	-	-	-	-	-	-
Buildings—office, plant, residential	-	-	-	-	-	-	-	-	-	55
Mines, caves, tunnels	247	233	-	-	-	-	-	-	-	49
Mines, caves, tunnels, unspecified	-	-	-	-	-	-	-	-	-	-
Sewers, manholes, storm drains	247	233	-	-	-	-	-	-	-	49
Pools	-	-	-	-	-	-	-	-	-	-
Scaffolds— staging	370	143	-	-	-	-	-	-	-	-
Scaffolds— staging, unspecified	338	133	-	-	-	-	-	-	-	-
Scaffolds— self-supporting staging	-	-	-	-	-	-	-	-	-	-
Scaffolds— staging supported by structure or other means	-	-	-	-	-	-	-	-	-	-
Scaffolds— suspended staging ..	-	-	-	-	-	-	-	-	-	-
Scaffolds— staging, n.e.c.	-	-	-	-	-	-	-	-	-	-
Towers, poles	313	180	-	-	-	-	-	-	-	188
Other structures	151	83	-	-	-	-	-	-	-	-
Guardrails, road dividers	51	37	-	-	-	-	-	-	-	-
Hydrants	-	-	-	-	-	-	-	-	-	-
Other structures, n.e.c.	98	43	-	-	-	-	-	-	-	-
Structures and surfaces, n.e.c.	124	107	-	-	-	-	-	-	-	-
Tools, instruments, and equipment ...	28,325	7,799	-	3,479	-	-	717	717	-	998
Tools, instruments, and equipment, unspecified	2,589	1,156	-	-	-	-	-	-	-	-
Handtools— nonpowered	11,426	1,639	-	89	-	-	539	539	-	142

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Handtools— nonpowered, unspecified	710	222	138	101	—	—	—	—	—
Boring handtools— nonpowered	711	497	329	252	54	20	—	—	—
Braces	7112	143	119	49	54	—	—	—	—
Drills	7113	303	183	175	—	—	—	—	—
Cutting handtools— nonpowered ...	712	24,076	22,728	21,210	1,307	137	—	41	—
Cutting handtools— nonpowered, unspecified	7120	347	296	175	115	—	—	—	—
Axes, hatchets	7121	189	175	175	—	—	—	—	—
Bolt cutters	7122	254	165	147	17	—	—	—	—
Chisels	7123	124	124	123	—	—	—	—	—
Knives	7124	18,299	17,501	16,733	693	—	—	—	—
Saws	7125	1,060	835	725	96	—	—	—	—
Scissors, snips, shears	7126	1,413	1,313	1,164	87	37	—	—	—
Cutting handtools— nonpowered, n.e.c.	7129	2,389	2,319	1,969	300	51	—	—	—
Digging handtools— nonpowered ..	713	4,510	949	701	192	—	—	—	19
Digging handtools— nonpowered, unspecified	7130	102	—	—	—	—	—	—	—
Hoes	7131	38	—	—	—	—	—	—	—
Picks	7132	367	60	—	—	—	—	—	—
Shovels	7133	3,681	760	604	135	—	—	—	19
Trowels	7134	203	101	63	38	—	—	—	—
Digging handtools— nonpowered, n.e.c.	7139	119	—	—	—	—	—	—	—
Gripping handtools— nonpowered	714	1,168	732	551	68	111	—	—	—
Gripping handtools— nonpowered, unspecified	7140	83	—	—	—	—	—	—	—
Pliers, tongs	7141	455	295	225	—	45	—	—	—
Vises, clamps	7142	457	261	181	—	57	—	—	—
Gripping handtools— nonpowered, n.e.c.	7149	174	153	130	—	—	—	—	—
Measuring handtools— nonpowered	715	598	430	163	236	—	—	—	—
Gauges	7153	59	37	37	—	—	—	—	—
Rulers, tape measures	7156	96	74	59	—	—	—	—	—
Measuring handtools— nonpowered, n.e.c.	7159	391	284	—	227	—	—	—	—
Striking and nailing handtools— nonpowered	716	4,388	3,328	3,194	—	64	—	—	—
Striking and nailing handtools— nonpowered, unspecified	7160	122	83	47	—	—	—	—	—
Hammers	7161	2,826	2,424	2,373	—	—	—	—	—
Mallets	7162	191	138	138	—	—	—	—	—
Punches, counterpunches, countersinks	7163	56	44	44	—	—	—	—	—
Sledges	7164	1,075	568	549	—	—	—	—	—
Striking handtools— nonpowered, n.e.c.	7169	117	70	42	—	—	—	—	—
Surfacing handtools— nonpowered	717	496	314	262	38	—	—	—	—
Files	7171	93	66	39	—	—	—	—	—
Planes	7172	133	43	—	—	—	—	—	—
Sanders	7173	97	83	79	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Handtools— nonpowered, unspecified	74	—	—	—	—	—	—	—	—	—
Boring handtools— nonpowered	161	—	—	—	—	—	—	—	—	—
Braces	18	—	—	—	—	—	—	—	—	—
Drills	120	—	—	—	—	—	—	—	—	—
Cutting handtools— nonpowered ...	790	144	—	—	—	—	500	500	—	—
Cutting handtools— nonpowered, unspecified	45	—	—	—	—	—	—	—	—	—
Axes, hatchets	—	—	—	—	—	—	—	—	—	—
Bolt cutters	90	—	—	—	—	—	—	—	—	—
Chisels	—	—	—	—	—	—	—	—	—	—
Knives	294	106	—	—	—	—	490	490	—	—
Saws	194	—	—	—	—	—	—	—	—	—
Scissors, snips, shears	87	—	—	—	—	—	—	—	—	—
Cutting handtools— nonpowered, n.e.c.	66	—	—	—	—	—	—	—	—	—
Digging handtools— nonpowered ..	3,494	920	—	—	—	—	—	—	—	—
Digging handtools— nonpowered, unspecified	90	—	—	—	—	—	—	—	—	—
Hoes	38	—	—	—	—	—	—	—	—	—
Picks	307	—	—	—	—	—	—	—	—	—
Shovels	2,868	881	—	—	—	—	—	—	—	—
Trowels	100	—	—	—	—	—	—	—	—	—
Digging handtools— nonpowered, n.e.c.	91	—	—	—	—	—	—	—	—	—
Gripping handtools— nonpowered	367	—	—	—	—	—	—	—	—	—
Gripping handtools— nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Pliers, tongs	126	—	—	—	—	—	—	—	—	—
Vises, clamps	196	—	—	—	—	—	—	—	—	—
Gripping handtools— nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Measuring handtools— nonpowered	136	50	—	—	—	—	—	—	—	—
Gauges	—	—	—	—	—	—	—	—	—	—
Rulers, tape measures	—	—	—	—	—	—	—	—	—	—
Measuring handtools— nonpowered, n.e.c.	83	40	—	—	—	—	—	—	—	—
Striking and nailing handtools— nonpowered	1,035	104	—	—	—	—	—	—	—	—
Striking and nailing handtools— nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Hammers	393	—	—	—	—	—	—	—	—	—
Mallets	53	—	—	—	—	—	—	—	—	—
Punches, counterpunches, countersinks	—	—	—	—	—	—	—	—	—	—
Sledges	504	81	—	—	—	—	—	—	—	—
Striking handtools— nonpowered, n.e.c.	47	—	—	—	—	—	—	—	—	—
Surfacing handtools— nonpowered	160	—	—	—	—	—	—	—	—	—
Files	18	—	—	—	—	—	—	—	—	—
Planes	91	—	—	—	—	—	—	—	—	—
Sanders	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Surfacing handtools— nonpowered, n.e.c.	7179	167	123	119	—	—	—	—	—
Turning handtools— nonpowered ..	718	3,791	1,785	1,610	103	51	—	—	—
Turning handtools— nonpowered, unspecified	7180	56	—	—	—	—	—	—	—
Screwdrivers	7181	648	517	484	—	—	—	—	—
Wrenches	7182	2,931	1,196	1,054	72	50	—	—	—
Turning handtools— nonpowered, n.e.c.	7189	156	72	72	—	—	—	—	—
Other handtools— nonpowered	719	5,480	2,114	1,622	286	185	—	49	—
Brooms, mops, and other cleaning tools	7191	1,975	340	173	149	—	—	—	—
Crowbars	7192	1,893	1,015	866	47	103	—	—	—
Pitchforks, spading forks	7193	115	17	17	—	—	—	—	—
Rakes	7194	279	142	111	—	—	—	—	—
Stapling tools— nonpowered	7195	144	108	103	—	—	—	—	—
Other handtools— nonpowered, n.e.c.	7199	1,061	478	340	55	73	—	—	—
Handtools— powered	72	16,492	10,164	6,706	1,368	1,563	—	104	—
Handtools— powered, unspecified	720	136	60	50	—	—	—	—	—
Boring handtools— powered	721	2,519	1,861	1,337	130	337	—	—	—
Augers— powered	7211	225	136	106	18	—	—	—	—
Drills— powered	7213	2,044	1,485	1,135	53	241	—	—	—
Routers and molders— powered	7214	240	237	94	59	82	—	—	—
Cutting handtools— powered	722	4,569	4,022	2,736	604	539	—	52	—
Cutting handtools— powered, unspecified	7220	157	123	113	—	—	—	—	—
Chainsaws— powered	7221	851	693	514	123	47	—	—	—
Chisels— powered	7222	40	40	38	—	—	—	—	—
Knives— powered	7223	51	51	—	16	—	—	—	—
Saws— powered, except chainsaws	7224	2,714	2,479	1,620	419	306	—	—	—
Cutting handtools— powered, n.e.c.	7229	755	636	418	46	171	—	17	—
Striking and nailing handtools— powered	723	1,720	793	438	—	127	—	—	—
Striking and nailing handtools— powered, unspecified	7230	56	39	39	—	—	—	—	—
Hammers— powered	7231	143	86	57	—	—	—	—	—
Jackhammers— powered	7232	1,262	533	284	—	44	—	—	—
Riveters— powered	7234	174	99	44	—	54	—	—	—
Striking and nailing handtools— powered, n.e.c.	7239	50	—	—	—	—	—	—	—
Surfacing handtools— powered	724	2,440	1,755	873	471	393	—	40	—
Surfacing handtools— powered, unspecified	7240	18	—	—	—	—	—	—	—
Buffers, polishers, waxers— powered	7241	751	327	99	170	49	—	—	—
Hand grinders— powered	7242	1,127	1,068	673	202	189	—	—	—
Sanders— powered	7243	475	300	68	91	141	—	39	—
Surfacing handtools— powered, n.e.c.	7249	38	—	—	—	—	—	—	—
Turning handtools, powered	725	689	400	315	—	65	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Surfacing handtools— nonpowered, n.e.c.	37	—	—	—	—	—	—	—	—	—
Turning handtools— nonpowered ..	1,979	—	—	—	—	—	—	—	—	—
Turning handtools— nonpowered, unspecified	56	—	—	—	—	—	—	—	—	—
Screwdrivers	115	—	—	—	—	—	—	—	—	—
Wrenches	1,724	—	—	—	—	—	—	—	—	—
Turning handtools— nonpowered, n.e.c.	84	—	—	—	—	—	—	—	—	—
Other handtools— nonpowered	3,230	322	—	50	—	—	—	—	—	—
Brooms, mops, and other cleaning tools	1,556	68	—	48	—	—	—	—	—	18
Crowbars	859	129	—	—	—	—	—	—	—	—
Pitchforks, spading forks	97	—	—	—	—	—	—	—	—	—
Rakes	135	—	—	—	—	—	—	—	—	—
Stapling tools— nonpowered	—	—	—	—	—	—	—	—	—	—
Other handtools— nonpowered, n.e.c.	547	125	—	—	—	—	—	—	—	—
Handtools— powered	3,353	813	—	2,535	—	—	18	18	—	285
Handtools— powered, unspecified	48	—	—	—	—	—	—	—	—	19
Boring handtools— powered	593	80	—	46	—	—	—	—	—	—
Augers— powered	89	63	—	—	—	—	—	—	—	—
Drills— powered	494	—	—	46	—	—	—	—	—	—
Routers and molders— powered	—	—	—	—	—	—	—	—	—	—
Cutting handtools— powered	430	144	—	—	—	—	—	—	—	52
Cutting handtools— powered, unspecified	20	—	—	—	—	—	—	—	—	—
Chainsaws— powered	128	73	—	—	—	—	—	—	—	—
Chisels— powered	—	—	—	—	—	—	—	—	—	—
Knives— powered	—	—	—	—	—	—	—	—	—	—
Saws— powered, except chainsaws	183	70	—	—	—	—	—	—	—	37
Cutting handtools— powered, n.e.c.	99	—	—	—	—	—	—	—	—	—
Striking and nailing handtools— powered	735	166	—	—	—	—	—	—	—	190
Striking and nailing handtools— powered, unspecified	16	—	—	—	—	—	—	—	—	—
Hammers— powered	58	—	—	—	—	—	—	—	—	—
Jackhammers— powered	537	120	—	—	—	—	—	—	—	190
Riveters— powered	75	—	—	—	—	—	—	—	—	—
Striking and nailing handtools— powered, n.e.c.	45	—	—	—	—	—	—	—	—	—
Surfacing handtools— powered	640	207	—	—	—	—	—	—	—	—
Surfacing handtools— powered, unspecified	—	—	—	—	—	—	—	—	—	—
Buffers, polishers, waxers— powered	420	146	—	—	—	—	—	—	—	—
Hand grinders— powered	58	—	—	—	—	—	—	—	—	—
Sanders— powered	135	54	—	—	—	—	—	—	—	—
Surfacing handtools— powered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Turning handtools, powered	283	40	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Turning handtools— powered, unspecified	7250	82	67	55	—	—	—	—	—
Impact wrenches— powered	7252	375	192	142	—	39	—	—	—
Screwdrivers— powered	7253	158	97	93	—	—	—	—	—
Turning handtools— powered, n.e.c.	7259	67	41	—	—	—	—	—	—
Welding and heating handtools— powered	726	3,020	204	114	61	—	—	—	—
Welding and heating handtools— powered, unspecified	7260	635	50	—	37	—	—	—	—
Blow torches	7261	388	—	—	—	—	—	—	—
Soldering irons— powered	7262	270	62	47	—	—	—	—	—
Welding torches— powered	7263	1,515	58	40	—	—	—	—	—
Welding and heating handtools— powered, n.e.c. ...	7269	211	—	—	—	—	—	—	—
Other handtools— powered	729	1,399	1,070	845	79	67	—	—	—
Other handtools— powered, unspecified	7290	83	82	—	—	—	—	—	—
Nail guns— powered	7291	617	595	585	—	—	—	—	—
Scrubbers— powered	7293	99	42	—	—	—	—	—	—
Sprayers— paint	7294	157	73	73	—	—	—	—	—
Stapling tools— electric or pneumatic	7295	84	63	56	—	—	—	—	—
Other handtools— powered, n.e.c.	7299	359	215	113	63	—	—	—	—
Handtools— power not determined	73	4,871	3,489	2,592	434	260	—	—	—
Handtools— power not determined, unspecified	730	430	243	199	41	—	—	—	—
Boring handtools— power not determined	731	978	407	284	—	72	—	—	—
Augers— power not determined	7311	394	61	18	—	—	—	—	—
Braces— power not determined	7312	—	—	—	—	—	—	—	—
Drills— power not determined	7313	550	336	259	—	48	—	—	—
Cutting handtools— power not determined	732	1,426	1,290	938	234	117	—	—	—
Cutting handtools— power not determined, unspecified	7320	227	189	150	38	—	—	—	—
Chisels— power not determined	7321	46	46	46	—	—	—	—	—
Knives— power not determined	7322	107	107	83	—	—	—	—	—
Saws— power not determined ...	7323	882	840	613	158	70	—	—	—
Cutting handtools— power not determined, n.e.c.	7329	166	108	46	—	—	—	—	—
Striking and nailing handtools— power not determined	733	495	357	352	—	—	—	—	—
Hammers— power not determined	7331	469	336	336	—	—	—	—	—
Surfacing handtools— power not determined	734	43	—	—	—	—	—	—	—
Surfacing handtools— power not determined, n.e.c.	7349	19	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Turning handtools— powered, unspecified	—	—	—	—	—	—	—	—	—	—
Impact wrenches— powered	178	—	—	—	—	—	—	—	—	—
Screwdrivers— powered	62	—	—	—	—	—	—	—	—	—
Turning handtools— powered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Welding and heating handtools— powered	339	103	—	2,448	—	—	—	—	—	—
Welding and heating handtools— powered, unspecified	175	78	—	407	—	—	—	—	—	—
Blow torches	39	—	—	334	—	—	—	—	—	—
Soldering irons— powered	—	—	—	192	—	—	—	—	—	—
Welding torches— powered	83	18	—	1,359	—	—	—	—	—	—
Welding and heating handtools— powered, n.e.c. ...	—	—	—	157	—	—	—	—	—	—
Other handtools— powered	285	66	—	19	—	—	—	—	—	—
Other handtools— powered, unspecified	—	—	—	—	—	—	—	—	—	—
Nail guns— powered	18	—	—	—	—	—	—	—	—	—
Scrubbers— powered	50	—	—	—	—	—	—	—	—	—
Sprayers— paint	84	45	—	—	—	—	—	—	—	—
Stapling tools— electric or pneumatic	—	—	—	—	—	—	—	—	—	—
Other handtools— powered, n.e.c.	113	—	—	19	—	—	—	—	—	—
Handtools— power not determined	1,348	226	—	—	—	—	—	—	—	—
Handtools— power not determined, unspecified	180	98	—	—	—	—	—	—	—	—
Boring handtools— power not determined	564	90	—	—	—	—	—	—	—	—
Augers— power not determined	333	37	—	—	—	—	—	—	—	—
Braces— power not determined	20	—	—	—	—	—	—	—	—	—
Drills— power not determined	211	53	—	—	—	—	—	—	—	—
Cutting handtools— power not determined	126	—	—	—	—	—	—	—	—	—
Cutting handtools— power not determined, unspecified	38	—	—	—	—	—	—	—	—	—
Chisels— power not determined	—	—	—	—	—	—	—	—	—	—
Knives— power not determined	—	—	—	—	—	—	—	—	—	—
Saws— power not determined ...	—	—	—	—	—	—	—	—	—	—
Cutting handtools— power not determined, n.e.c.	57	—	—	—	—	—	—	—	—	—
Striking and nailing handtools— power not determined	138	20	—	—	—	—	—	—	—	—
Hammers— power not determined	132	17	—	—	—	—	—	—	—	—
Surfacing handtools— power not determined	16	—	—	—	—	—	—	—	—	—
Surfacing handtools— power not determined, n.e.c.	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Turning handtools— power not determined	735	1,030	741	618	65	50	—	—	—
Screwdrivers— power not determined	7351	340	331	289	—	42	—	—	—
Wrenches— power not determined	7352	627	394	313	65	—	—	—	—
Turning handtools— power not determined, n.e.c.	7359	—	—	—	—	—	—	—	—
Other handtools— power not determined	739	468	424	197	59	—	—	—	—
Staplers— power not determined	7391	53	—	—	—	—	—	—	—
Other handtools— power not determined, n.e.c.	7399	415	393	169	56	—	—	—	—
Ladders	74	8,757	2,424	904	1,170	313	2,672	356	172
Ladders, unspecified	740	4,557	1,092	404	521	144	1,669	233	121
Ladders— fixed	741	188	117	—	90	20	55	—	—
Ladders— movable	742	3,889	1,169	471	542	143	917	119	—
Movable ladders, unspecified	7420	1,956	651	258	343	38	166	73	—
Extension ladders	7421	761	204	76	56	72	314	—	—
Step ladders	7422	762	133	48	64	19	387	42	—
Truck mounted ladders, aerial ladder trams	7424	143	79	19	56	—	—	—	—
Movable ladders, n.e.c.	7429	242	94	61	—	—	—	—	—
Ladders, n.e.c.	749	122	45	—	18	—	—	—	—
Medical and surgical instruments	75	1,603	960	490	406	—	—	19	—
Medical and surgical instruments, unspecified	750	202	130	—	115	—	18	—	—
Needles and syringes	751	829	495	297	186	—	—	—	—
Scalpels	752	119	119	102	—	—	—	—	—
Medical and surgical instruments, n.e.c.	759	452	217	84	90	—	—	—	—
Photographic equipment	76	814	170	131	—	—	—	—	—
Photographic equipment, unspecified	760	60	—	—	—	—	—	—	—
Cameras— still and motion picture	761	191	38	38	—	—	—	—	—
Photographic paper and cloth	762	112	—	—	—	—	—	—	—
Tripods, stands	764	44	—	18	—	—	—	—	—
Photographic equipment, n.e.c.	769	380	93	60	—	—	—	—	—
Protective equipment, except clothing	77	673	282	92	88	—	73	—	—
Protective equipment, except clothing, unspecified	770	75	72	—	71	—	—	—	—
Face shields, welding masks	773	42	38	36	—	—	—	—	—
Hard hats	774	—	19	19	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses	775	269	47	—	—	—	73	—	—
Safety glasses or goggles	777	37	37	—	—	—	—	—	—
Protective equipment, except clothing, n.e.c.	779	182	54	—	—	—	—	—	—
Recreation and athletic equipment	78	2,188	972	653	183	109	—	92	—
Recreation and athletic equipment, unspecified	780	46	—	—	—	—	—	—	—
Camping equipment	781	220	114	57	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Turning handtools— power not determined	279	—	—	—	—	—	—	—	—	—
Screwdrivers— power not determined	—	—	—	—	—	—	—	—	—	—
Wrenches— power not determined	222	—	—	—	—	—	—	—	—	—
Turning handtools— power not determined, n.e.c.	20	—	—	—	—	—	—	—	—	—
Other handtools— power not determined	44	—	—	—	—	—	—	—	—	—
Staplers— power not determined	—	—	—	—	—	—	—	—	—	—
Other handtools— power not determined, n.e.c.	—	—	—	—	—	—	—	—	—	—
Ladders	2,889	1,217	—	—	—	—	—	—	—	241
Ladders, unspecified	1,223	468	—	—	—	—	—	—	—	219
Ladders— fixed	—	—	—	—	—	—	—	—	—	—
Ladders— movable	1,629	749	—	—	—	—	—	—	—	—
Movable ladders, unspecified	1,055	488	—	—	—	—	—	—	—	—
Extension ladders	239	121	—	—	—	—	—	—	—	—
Step ladders	166	—	—	—	—	—	—	—	—	—
Truck mounted ladders, aerial ladder trams	—	—	—	—	—	—	—	—	—	—
Movable ladders, n.e.c.	143	127	—	—	—	—	—	—	—	—
Ladders, n.e.c.	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments	265	113	—	314	—	—	—	—	—	—
Medical and surgical instruments, unspecified	53	40	—	—	—	—	—	—	—	—
Needles and syringes	—	—	—	304	—	—	—	—	—	—
Scalpels	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments, n.e.c.	207	74	—	—	—	—	—	—	—	—
Photographic equipment	513	263	—	—	—	—	—	—	—	109
Photographic equipment, unspecified	59	37	—	—	—	—	—	—	—	—
Cameras— still and motion picture	132	98	—	—	—	—	—	—	—	—
Photographic paper and cloth	—	—	—	—	—	—	—	—	—	108
Tripods, stands	20	—	—	—	—	—	—	—	—	—
Photographic equipment, n.e.c.	285	98	—	—	—	—	—	—	—	—
Protective equipment, except clothing	216	—	—	62	—	—	—	—	—	18
Protective equipment, except clothing, unspecified	—	—	—	—	—	—	—	—	—	—
Face shields, welding masks	—	—	—	—	—	—	—	—	—	—
Hard hats	—	—	—	—	—	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses	131	—	—	—	—	—	—	—	—	18
Safety glasses or goggles	—	—	—	—	—	—	—	—	—	—
Protective equipment, except clothing, n.e.c.	72	—	—	53	—	—	—	—	—	—
Recreation and athletic equipment	1,014	433	—	—	—	—	—	—	—	92
Recreation and athletic equipment, unspecified	—	—	—	—	—	—	—	—	—	—
Camping equipment	106	80	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Gymnasium and exercise equipment	782	568	150	100	20	—	—	71	—
Playground equipment	783	143	110	53	58	—	—	—	—
Riding goods and equipment	784	38	—	—	—	—	—	—	—
Recreation and athletic equipment, n.e.c.	789	1,125	526	415	69	—	—	—	—
Other tools, instruments, and equipment	79	8,844	3,341	1,812	1,074	410	—	140	—
Clocks	791	42	42	42	—	—	—	—	—
Cooking and eating utensils, except knives	792	276	170	131	—	—	—	—	—
Firearms	793	107	—	—	—	—	—	—	—
Firearm, unspecified	7930	66	—	—	—	—	—	—	—
Pistol, handgun, revolver	7931	—	—	—	—	—	—	—	—
Health care and orthopedic equipment, n.e.c.	794	2,750	666	258	272	131	—	49	—
Musical instruments	795	279	67	64	—	—	—	—	—
Pianos	7951	134	—	—	—	—	—	—	—
Other musical instruments	7959	130	67	64	—	—	—	—	—
Sewing notions, n.e.c.	796	151	129	77	—	—	—	—	—
Fabric pins, safety pins	7961	51	38	—	—	—	—	—	—
Sewing needles	7962	90	90	42	—	—	—	—	—
Wheelchairs	797	2,356	1,045	442	426	177	—	36	—
Writing, drawing, and art supplies ..	798	298	172	108	52	—	—	—	—
Art supplies and materials, except paint	7981	160	65	45	—	—	—	—	—
Pens and pencils	7983	95	80	48	—	—	—	—	—
Writing, drawing, art supplies, n.e.c.	7989	36	—	—	—	—	—	—	—
Tools, instruments, and equipment, n.e.c.	799	2,586	1,028	681	254	65	—	55	—
Vehicles	8	118,569	32,316	10,316	11,666	8,478	2,676	3,037	204
Vehicle, unspecified	80	2,072	118	—	74	—	—	—	—
Air vehicle	81	2,564	1,378	613	539	120	81	159	—
Aircraft, unspecified	810	472	265	—	201	—	60	17	—
Aircraft— powered fixed wing	811	1,717	805	289	334	95	—	137	—
Aircraft— powered fixed wing, unspecified	8110	715	306	100	110	42	—	41	—
Jet	8111	969	475	187	201	53	19	96	—
Aircraft— powered fixed wing, n.e.c.	8119	—	18	—	18	—	—	—	—
Aircraft— powered rotary wing	812	333	296	294	—	—	—	—	—
Helicopter	8121	333	296	294	—	—	—	—	—
Highway vehicle, motorized	82	69,330	13,297	3,513	6,105	2,592	2,067	1,769	115
Highway vehicle, motorized, unspecified	820	11,333	692	234	378	61	—	91	—
Automobile	821	17,069	2,259	636	1,093	342	—	152	—
Bus	822	2,536	479	75	244	41	100	65	39
Motorcycle, moped	823	526	163	102	—	46	—	—	—
Motor home, recreational vehicle ...	824	341	299	282	16	—	—	—	—
Truck	825	32,192	8,448	1,912	3,805	1,998	1,867	1,417	75
Truck, unspecified	8250	15,872	4,200	837	1,894	1,162	1,143	671	20
Delivery truck	8251	2,861	552	180	290	48	140	66	17
Dump truck	8252	989	319	146	71	43	—	—	—
Pickup truck	8253	1,413	198	—	105	57	—	48	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Gymnasium and exercise equipment	337	196	—	—	—	—	—	—	—	—
Playground equipment	—	—	—	—	—	—	—	—	—	—
Riding goods and equipment	—	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment, n.e.c.	501	113	—	—	—	—	—	—	—	77
Other tools, instruments, and equipment	4,711	1,929	—	441	—	—	117	117	—	76
Clocks	—	—	—	—	—	—	—	—	—	—
Cooking and eating utensils, except knives	51	—	—	50	—	—	—	—	—	—
Firearms	—	—	—	—	—	—	76	76	—	—
Firearm, unspecified	—	—	—	—	—	—	58	58	—	—
Pistol, handgun, revolver	—	—	—	—	—	—	18	18	—	—
Health care and orthopedic equipment, n.e.c.	1,927	934	—	67	—	—	37	37	—	—
Musical instruments	120	50	—	—	—	—	—	—	—	69
Pianos	65	—	—	—	—	—	—	—	—	69
Other musical instruments	40	—	—	—	—	—	—	—	—	—
Sewing notions, n.e.c.	—	—	—	—	—	—	—	—	—	—
Fabric pins, safety pins	—	—	—	—	—	—	—	—	—	—
Sewing needles	—	—	—	—	—	—	—	—	—	—
Wheelchairs	1,270	296	—	—	—	—	—	—	—	—
Writing, drawing, and art supplies ..	114	87	—	—	—	—	—	—	—	—
Art supplies and materials, except paint	95	81	—	—	—	—	—	—	—	—
Pens and pencils	—	—	—	—	—	—	—	—	—	—
Writing, drawing, art supplies, n.e.c.	—	—	—	—	—	—	—	—	—	—
Tools, instruments, and equipment, n.e.c.	1,198	546	—	301	—	—	—	—	—	—
Vehicles	17,822	2,079	—	183	61,144	—	70	70	—	1,116
Vehicle, unspecified	51	—	—	—	1,723	—	—	—	—	174
Air vehicle	370	42	—	—	527	—	—	—	—	38
Aircraft, unspecified	48	38	—	—	53	—	—	—	—	—
Aircraft— powered fixed wing	314	—	—	—	421	—	—	—	—	—
Aircraft— powered fixed wing, unspecified	83	—	—	—	262	—	—	—	—	—
Jet	225	—	—	—	154	—	—	—	—	—
Aircraft— powered fixed wing, n.e.c.	—	—	—	—	—	—	—	—	—	—
Aircraft— powered rotary wing	—	—	—	—	—	—	—	—	—	—
Helicopter	—	—	—	—	—	—	—	—	—	—
Highway vehicle, motorized	4,135	717	—	145	47,256	—	45	45	—	500
Highway vehicle, motorized, unspecified	205	16	—	—	10,308	—	17	17	—	—
Automobile	571	67	—	67	13,947	—	—	—	—	61
Bus	199	—	—	—	1,642	—	—	—	—	—
Motorcycle, moped	54	—	—	—	309	—	—	—	—	—
Motor home, recreational vehicle ...	20	—	—	—	17	—	—	—	—	—
Truck	2,807	586	—	74	17,086	—	—	—	—	395
Truck, unspecified	909	201	—	—	8,662	—	—	—	—	230
Delivery truck	304	118	—	—	1,768	—	—	—	—	—
Dump truck	56	18	—	—	563	—	—	—	—	—
Pickup truck	—	—	—	—	1,114	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Semitrailer, tractor trailer, trailer truck	8254	8,357	2,264	511	1,129	345	425	527	38
Truck, n.e.c.	8259	2,699	916	205	315	343	114	82	—
Van— passenger or light delivery ..	826	4,578	742	248	398	91	66	39	—
Highway vehicle, motorized, n.e.c.	829	755	214	—	156	—	18	—	—
Highway vehicle, nonmotorized	83	559	163	110	—	—	—	—	—
Animal or human powered vehicle	831	558	163	110	—	—	—	—	—
Bicycle	8312	524	157	104	—	—	—	—	—
Animal or human powered vehicle, n.e.c.	8319	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial	84	1,772	305	—	229	53	16	19	—
All terrain vehicle (ATV)	841	462	109	—	108	—	—	—	—
Golf cart, powered	842	1,028	167	—	120	—	16	19	—
Snowmobile	843	91	—	—	—	17	—	—	—
Offroad vehicle, nonindustrial, n.e.c.	849	158	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors	85	16,597	6,252	1,343	1,787	2,658	161	199	—
Plant and industrial powered vehicles, unspecified	850	327	79	—	—	36	—	—	—
Forklift	851	13,093	4,843	1,098	1,243	2,136	116	152	—
Forklift, unspecified	8510	9,912	3,553	820	858	1,589	115	105	—
Hand/rider forklift truck— motorized	8512	339	59	—	19	—	—	—	—
Order picker high lift truck	8513	163	67	—	—	19	—	16	—
Pallet lift truck— motorized	8514	1,425	495	123	246	107	—	17	—
Platform lift truck— high or low lift	8515	209	100	—	—	62	—	—	—
Reach rider lift truck	8516	43	—	—	—	—	—	—	—
Forklift, n.e.c.	8519	961	535	90	83	344	—	—	—
Powered industrial carrier, except forklifts	852	1,030	430	47	199	168	—	—	—
Powered industrial carrier, except forklifts, unspecified	8520	508	201	—	102	65	—	—	—
Container carrier	8521	111	76	—	70	—	—	—	—
Stacker carrier	8523	64	44	—	—	—	—	—	—
Powered industrial carrier, except forklifts, n.e.c.	8529	314	98	—	—	75	—	—	—
Tractor	853	1,095	558	82	236	200	—	45	—
Plant and industrial powered vehicle, n.e.c.	859	1,052	343	95	93	118	—	—	—
Plant and industrial vehicle— nonpowered	86	23,500	10,165	4,601	2,500	2,908	61	747	—
Plant and industrial vehicle— nonpowered, unspecified	860	96	—	—	—	—	—	—	—
Cart, dolly, handtruck	861	21,453	9,412	4,096	2,427	2,744	60	733	—
Wheelbarrow	862	652	122	82	18	18	—	—	—
Plant and industrial vehicle— nonpowered, n.e.c.	869	1,298	620	417	55	141	—	—	—
Rail vehicle	87	806	188	55	85	—	109	39	—
Rail vehicle, unspecified	870	72	—	—	—	—	—	—	—
Amusement park rail vehicle	871	174	43	—	17	—	80	—	—
Train	874	289	—	—	—	—	—	—	—
Rail vehicle, n.e.c.	879	236	77	—	—	17	16	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Semitrailer, tractor trailer, trailer truck	1,360	230	—	—	3,592	—	—	—	—	123
Truck, n.e.c.	150	—	—	—	1,387	—	—	—	—	—
Van— passenger or light delivery ..	183	—	—	—	3,524	—	—	—	—	—
Highway vehicle, motorized, n.e.c.	96	—	—	—	423	—	—	—	—	—
Highway vehicle, nonmotorized	184	127	—	—	177	—	—	—	—	—
Animal or human powered vehicle	184	127	—	—	176	—	—	—	—	—
Bicycle	163	108	—	—	168	—	—	—	—	—
Animal or human powered vehicle, n.e.c.	—	19	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial	93	46	—	—	1,337	—	—	—	—	—
All terrain vehicle (ATV)	—	—	—	—	342	—	—	—	—	—
Golf cart, powered	—	16	—	—	791	—	—	—	—	—
Snowmobile	38	—	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial, n.e.c.	—	—	—	—	152	—	—	—	—	—
Plant and industrial powered vehicles, tractors	701	50	—	—	9,126	—	—	—	—	114
Plant and industrial powered vehicles, unspecified	—	—	—	—	215	—	—	—	—	—
Forklift	527	—	—	—	7,314	—	—	—	—	104
Forklift, unspecified	327	—	—	—	5,718	—	—	—	—	58
Hand/rider forklift truck— motorized	—	—	—	—	264	—	—	—	—	—
Order picker high lift truck	—	—	—	—	68	—	—	—	—	—
Pallet lift truck— motorized	154	—	—	—	759	—	—	—	—	—
Platform lift truck— high or low lift	—	—	—	—	92	—	—	—	—	—
Reach rider lift truck	—	—	—	—	37	—	—	—	—	—
Forklift, n.e.c.	18	—	—	—	362	—	—	—	—	46
Powered industrial carrier, except forklifts	42	—	—	—	547	—	—	—	—	—
Powered industrial carrier, except forklifts, unspecified	16	—	—	—	281	—	—	—	—	—
Container carrier	—	—	—	—	—	—	—	—	—	—
Stacker carrier	—	—	—	—	—	—	—	—	—	—
Powered industrial carrier, except forklifts, n.e.c.	—	—	—	—	214	—	—	—	—	—
Tractor	55	—	—	—	422	—	—	—	—	—
Plant and industrial powered vehicle, n.e.c.	55	—	—	—	628	—	—	—	—	—
Plant and industrial vehicle— nonpowered	11,977	999	—	16	317	—	—	—	—	176
Plant and industrial vehicle— nonpowered, unspecified	70	18	—	—	—	—	—	—	—	—
Cart, dolly, handtruck	10,756	777	—	16	264	—	—	—	—	171
Wheelbarrow	520	164	—	—	—	—	—	—	—	—
Plant and industrial vehicle— nonpowered, n.e.c.	631	40	—	—	40	—	—	—	—	—
Rail vehicle	158	—	—	—	250	—	—	—	—	55
Rail vehicle, unspecified	—	—	—	—	—	—	—	—	—	—
Amusement park rail vehicle	44	—	—	—	—	—	—	—	—	—
Train	—	—	—	—	212	—	—	—	—	—
Rail vehicle, n.e.c.	46	—	—	—	—	—	—	—	—	51

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Water vehicle	88	1,016	296	—	221	58	176	63	—
Water vehicle, unspecified	880	222	68	—	61	—	17	—	—
Barge	881	299	81	—	39	42	53	42	—
Canoe, kayak, rowboat, raft	882	92	57	—	49	—	—	—	—
Motorboat, yachts	884	166	—	—	—	—	97	—	—
Sailboat, sailing ship	885	66	17	—	17	—	—	—	—
Ships— other than sail powered	886	67	19	—	19	—	—	—	—
Tugboat, commercial fishing boat ..	887	57	38	—	—	—	—	—	—
Vehicles, n.e.c.	89	354	156	—	93	41	—	—	—
Other sources	9	56,530	31,022	11,423	3,442	238	41	721	344
Ammunition	91	295	132	130	—	—	—	—	—
Bullets	911	206	65	65	—	—	—	—	—
Pellets	913	72	63	63	—	—	—	—	—
Apparel and textiles	92	3,437	441	124	114	84	—	18	—
Apparel and textiles, unspecified ...	920	55	—	—	—	—	—	—	—
Clothing and shoes	921	1,409	276	77	52	—	—	—	—
Clothing, unspecified	9210	328	—	—	—	—	—	—	—
Belts, gloves, neckties, scarves	9211	282	43	—	—	—	—	—	—
Blouses, shirts, dresses, trousers, skirts	9212	241	—	—	—	—	—	—	—
Shoes, boots, slippers, sandals	9214	239	147	19	49	—	—	—	—
Suits, coats, jackets	9215	66	—	—	—	—	—	—	—
Clothing, n.e.c.	9219	238	47	40	—	—	—	—	—
Eye glasses, jewelry, and watches	922	141	19	—	—	—	—	18	—
Eye glasses, sunglasses	9221	124	—	—	—	—	—	18	—
Jewelry	9222	17	17	—	—	—	—	—	—
Textile products	923	405	58	—	—	—	—	—	—
Fabric	9231	215	16	—	—	—	—	—	—
Textile products, n.e.c.	9239	137	—	—	—	—	—	—	—
Laundry	924	979	56	—	20	—	—	—	—
Apparel and textiles, n.e.c.	929	449	—	—	—	17	—	—	18
Atmospheric and environmental conditions	93	6,432	109	95	—	—	—	—	18
Air pressure	931	522	—	—	—	—	—	—	—
Air pressure, unspecified	9310	103	—	—	—	—	—	—	—
Low pressure	9312	385	—	—	—	—	—	—	—
Fire, flame, smoke	934	2,334	—	—	—	—	—	—	—
Fire, flame, smoke, unspecified	9340	254	—	—	—	—	—	—	—
Fire, flame	9341	1,666	—	—	—	—	—	—	—
Smoke, fire gases	9342	414	—	—	—	—	—	—	—
Temperature extremes— environmental	936	2,882	—	—	—	—	—	—	—
Cold— environmental	9361	260	—	—	—	—	—	—	—
Heat— environmental	9362	2,620	—	—	—	—	—	—	—
Weather and atmospheric conditions	937	197	107	93	—	—	—	—	—
Ice, sleet, snow	9373	129	107	93	—	—	—	—	—
Lightning	9374	60	—	—	—	—	—	—	—
Other environmental conditions	939	470	—	—	—	—	—	—	—
Noise	9391	332	—	—	—	—	—	—	—
Sun	9392	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Water vehicle	133	46	—	—	280	—	—	—	—	43
Water vehicle, unspecified	40	—	—	—	60	—	—	—	—	—
Barge	—	—	—	—	80	—	—	—	—	40
Canoe, kayak, rowboat, raft	—	—	—	—	—	—	—	—	—	—
Motorboat, yachts	—	—	—	—	—	—	—	—	—	—
Sailboat, sailing ship	—	—	—	—	37	—	—	—	—	—
Ships— other than sail powered	—	—	—	—	43	—	—	—	—	—
Tugboat, commercial fishing boat ..	—	—	—	—	—	—	—	—	—	—
Vehicles, n.e.c.	—	—	—	—	151	—	—	—	—	—
Other sources	8,309	4,348	—	13,920	—	1,265	259	259	—	694
Ammunition	—	—	—	—	—	—	154	154	—	—
Bullets	—	—	—	—	—	—	142	142	—	—
Pellets	—	—	—	—	—	—	—	—	—	—
Apparel and textiles	2,389	863	—	435	—	—	57	57	—	58
Apparel and textiles, unspecified ...	51	—	—	—	—	—	—	—	—	—
Clothing and shoes	643	224	—	403	—	—	57	57	—	—
Clothing, unspecified	295	89	—	—	—	—	—	—	—	—
Belts, gloves, neckties, scarves	—	—	—	239	—	—	—	—	—	—
Blouses, shirts, dresses, trousers, skirts	192	59	—	—	—	—	—	—	—	—
Shoes, boots, slippers, sandals	—	—	—	—	—	—	57	57	—	—
Suits, coats, jackets	57	37	—	—	—	—	—	—	—	—
Clothing, n.e.c.	79	—	—	112	—	—	—	—	—	—
Eye glasses, jewelry, and watches	105	—	—	—	—	—	—	—	—	—
Eye glasses, sunglasses	105	—	—	—	—	—	—	—	—	—
Jewelry	—	—	—	—	—	—	—	—	—	—
Textile products	319	77	—	—	—	—	—	—	—	—
Fabric	188	45	—	—	—	—	—	—	—	—
Textile products, n.e.c.	95	—	—	—	—	—	—	—	—	—
Laundry	870	445	—	—	—	—	—	—	—	46
Apparel and textiles, n.e.c.	401	107	—	—	—	—	—	—	—	—
Atmospheric and environmental conditions	—	—	—	5,234	—	1,011	—	—	—	55
Air pressure	—	—	—	515	—	—	—	—	—	—
Air pressure, unspecified	—	—	—	97	—	—	—	—	—	—
Low pressure	—	—	—	385	—	—	—	—	—	—
Fire, flame, smoke	—	—	—	1,323	—	1,001	—	—	—	—
Fire, flame, smoke, unspecified	—	—	—	207	—	47	—	—	—	—
Fire, flame	—	—	—	807	—	859	—	—	—	—
Smoke, fire gases	—	—	—	309	—	94	—	—	—	—
Temperature extremes— environmental	—	—	—	2,882	—	—	—	—	—	—
Cold— environmental	—	—	—	260	—	—	—	—	—	—
Heat— environmental	—	—	—	2,620	—	—	—	—	—	—
Weather and atmospheric conditions	—	—	—	65	—	—	—	—	—	18
Ice, sleet, snow	—	—	—	—	—	—	—	—	—	—
Lightning	—	—	—	60	—	—	—	—	—	—
Other environmental conditions	—	—	—	436	—	—	—	—	—	20
Noise	—	—	—	301	—	—	—	—	—	20
Sun	—	—	—	18	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Source code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Environmental conditions, n.e.c.	9399	117	—	—	—	—	—	—	—
Paper, books, magazines	94	3,098	1,218	937	188	—	—	—	—
Paper, books, magazines, unspecified	940	163	36	36	—	—	—	—	—
Books, notebooks, magazines, catalogues	941	479	109	90	19	—	—	—	—
Paper, sheets	942	1,332	710	589	82	—	—	—	—
Paper, books, magazines, n.e.c. ...	949	1,124	362	221	88	—	—	—	—
Scrap, waste, debris	95	29,338	26,637	8,620	2,429	—	—	181	85
Scrap, waste, debris, unspecified ..	950	3,006	2,471	794	128	—	—	—	44
Chips, particles, splinters	951	24,043	23,063	7,414	1,957	17	—	99	—
Chips, particles, splinters, unspecified	9510	5,748	5,396	1,293	149	—	—	—	—
Dirt particles	9511	2,201	2,071	323	38	—	—	—	—
Glass chips or fibers	9512	2,498	2,340	765	773	—	—	79	—
Metal chips, particles	9513	9,022	8,855	3,333	488	—	—	—	—
Wood chips, sawdust	9514	2,410	2,358	923	358	—	—	—	—
Chips, particles, splinters, n.e.c.	9519	2,164	2,043	776	152	—	—	—	—
Trash, garbage	953	1,086	156	63	85	—	—	72	—
Scrap, waste, debris, n.e.c.	959	1,191	947	349	258	—	—	—	—
Steam, vapors, liquids, n.e.c.	96	8,161	481	361	—	20	—	47	194
Steam, vapors— nonchemical	961	1,709	—	—	—	—	—	—	—
Liquids	962	6,452	481	361	—	20	—	47	194
Liquids, unspecified	9620	439	—	—	—	—	—	—	167
Water	9621	4,988	364	331	—	—	—	47	—
Liquids, n.e.c.	9629	1,025	102	—	—	20	—	—	—
Other sources, n.e.c.	98	5,768	2,005	1,155	709	110	18	462	19
Nonclassifiable	9999	22,136	2,928	1,029	1,072	221	287	214	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by source of injury or illness and selected events or exposures leading to injury or illness, 2002 — Continued

Source	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Environmental conditions, n.e.c.	-	-	-	117	-	-	-	-	-	-
Paper, books, magazines	1,792	1,240	-	-	-	-	-	-	-	54
Paper, books, magazines, unspecified	120	104	-	-	-	-	-	-	-	-
Books, notebooks, magazines, catalogues	368	281	-	-	-	-	-	-	-	-
Paper, sheets	609	392	-	-	-	-	-	-	-	-
Paper, books, magazines, n.e.c. ...	695	463	-	-	-	-	-	-	-	46
Scrap, waste, debris	1,282	741	-	1,074	-	-	-	-	-	55
Scrap, waste, debris, unspecified ..	236	142	-	234	-	-	-	-	-	-
Chips, particles, splinters	119	49	-	729	-	-	-	-	-	18
Chips, particles, splinters, unspecified	-	-	-	315	-	-	-	-	-	-
Dirt particles	-	-	-	130	-	-	-	-	-	-
Glass chips or fibers	-	-	-	71	-	-	-	-	-	-
Metal chips, particles	-	-	-	105	-	-	-	-	-	-
Wood chips, sawdust	-	-	-	-	-	-	-	-	-	-
Chips, particles, splinters, n.e.c.	18	17	-	92	-	-	-	-	-	-
Trash, garbage	785	471	-	-	-	-	-	-	-	-
Scrap, waste, debris, n.e.c.	141	79	-	92	-	-	-	-	-	-
Steam, vapors, liquids, n.e.c.	-	-	-	6,996	-	206	-	-	-	226
Steam, vapors— nonchemical	-	-	-	1,700	-	-	-	-	-	-
Liquids	-	-	-	5,296	-	197	-	-	-	226
Liquids, unspecified	-	-	-	242	-	-	-	-	-	-
Water	-	-	-	4,341	-	-	-	-	-	213
Liquids, n.e.c.	-	-	-	714	-	181	-	-	-	-
Other sources, n.e.c.	2,837	1,498	-	168	-	-	-	-	-	246
Nonclassifiable	4,265	2,355	-	1,230	-	-	-	-	-	13,168

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

³ Data shown in columns correspond to the following Event codes: Contact with objects, Total = 00-09; Struck by object = 020-029; Struck against object = 010-019; Caught in or compressed or crushed = 030-049; Fall to lower level = 110-119; Fall on same level = 130-139; Slips or trips without fall = 215; Overexertion, Total = 220-229; In lifting = 221; Repetitive motion = 230-239; Exposure to harmful substance or environment = 30-39; Transportation accidents = 40-49; Fires and explosions = 50-52; Assaults

and violent acts, Total = 60-63; By person = 61; All other assaults = 60, 62, and 63; All other events = all remaining codes, including 9999 (Nonclassifiable). These codes are based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

⁴ Includes nonclassifiable responses.

NOTE: Dashes indicate data that are not available. Because of rounding, data may not sum to totals.

n.e.c. = not elsewhere classified.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor