

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Private industry [2,252,591 cases] .....		285.6	77.9	37.3	20.5	12.5	14.1	31.0	10.5
<b>Chemicals and chemical products</b> .....	0	5.5	0.1	0.1	-	-	-	-	-
Chemicals and chemical products, unspecified .....	00	0.7	-	-	-	-	-	-	-
Acids .....	01	0.3	-	-	-	-	-	-	-
Acids, unspecified .....	010	0.1	-	-	-	-	-	-	-
Acid gases—halogen .....	011	-	-	-	-	-	-	-	-
Inorganic acids—halogens .....	012	-	-	-	-	-	-	-	-
Hydrochloric acid .....	0123	-	-	-	-	-	-	-	-
Hydrofluoric acid .....	0124	-	-	-	-	-	-	-	-
Inorganic acids—other .....	013	0.1	-	-	-	-	-	-	-
Nitric acid .....	0132	-	-	-	-	-	-	-	-
Sulfuric acid .....	0134	0.1	-	-	-	-	-	-	-
Inorganic acids, n.e.c. ....	0139	-	-	-	-	-	-	-	-
Organic acids .....	014	-	-	-	-	-	-	-	-
Carbolic acids .....	0143	-	-	-	-	-	-	-	-
Organic acids, n.e.c. ....	0149	-	-	-	-	-	-	-	-
Acids, n.e.c. ....	019	-	-	-	-	-	-	-	-
Alkalies .....	02	0.3	-	-	-	-	-	-	-
Alkalies, unspecified .....	020	-	-	-	-	-	-	-	-
Calcium hydroxides, calcium oxides .....	021	0.1	-	-	-	-	-	-	-
Cement, mortar mix—dry .....	0211	-	-	-	-	-	-	-	-
Cement, mortar—wet .....	0212	0.1	-	-	-	-	-	-	-
Lime .....	0213	-	-	-	-	-	-	-	-
Carbonates—calcium, sodium .....	022	-	-	-	-	-	-	-	-
Sodium bicarbonate, baking soda .....	0222	-	-	-	-	-	-	-	-
Sodium and potassium hydroxide, potassium carbonate .....	024	0.1	-	-	-	-	-	-	-
Aromatics and hydrocarbon derivatives, except halogenated .....	03	0.2	-	-	-	-	-	-	-
Alcohols .....	031	0.2	-	-	-	-	-	-	-
Alcohols, .....	0310	-	-	-	-	-	-	-	-
Antifreeze .....	0311	0.1	-	-	-	-	-	-	-
Ethanol .....	0312	-	-	-	-	-	-	-	-
Methanol .....	0315	-	-	-	-	-	-	-	-
Propanol .....	0316	-	-	-	-	-	-	-	-
Alcohols, n.e.c. ....	0319	-	-	-	-	-	-	-	-
Aldehydes .....	032	-	-	-	-	-	-	-	-
Formaldehyde .....	0323	-	-	-	-	-	-	-	-
Aromatics .....	034	-	-	-	-	-	-	-	-
Xylene .....	0344	-	-	-	-	-	-	-	-
Ketones .....	036	-	-	-	-	-	-	-	-
Acetone .....	0361	-	-	-	-	-	-	-	-
Methyl ethyl ketone .....	0363	-	-	-	-	-	-	-	-
Halogens and halogen compounds .....	04	0.2	-	-	-	-	-	-	-
Bromine and bromine compounds .....	041	-	-	-	-	-	-	-	-
Chlorine and chlorine compounds .....	042	0.2	-	-	-	-	-	-	-
Chlorine compounds, unspecified .....	0420	-	-	-	-	-	-	-	-
Chlorine, chlorine bleach .....	0422	0.1	-	-	-	-	-	-	-
Trichloroethylene .....	0427	-	-	-	-	-	-	-	-
Chlorine compounds, n.e.c. ....	0429	-	-	-	-	-	-	-	-
Fluorine and fluorine compounds .....	043	-	-	-	-	-	-	-	-
Fluorotrichloromethane .....	0432	-	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes .....	05	0.3	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified .....	050	0.1	-	-	-	-	-	-	-
Lead and lead compounds .....	054	-	-	-	-	-	-	-	-
Lead and lead compounds, unspecified .....	0540	-	-	-	-	-	-	-	-
Inorganic lead compounds .....	0541	-	-	-	-	-	-	-	-
Mercury and compounds .....	055	-	-	-	-	-	-	-	-
Other metallics and compounds .....	056	-	-	-	-	-	-	-	-
Aluminum and aluminum compounds .....	0561	-	-	-	-	-	-	-	-
Zinc and zinc compounds .....	0568	-	-	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c. ....	057	0.1	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Private industry [2,252,591 cases] .....	80.6	48.2	12.0	14.1	9.0	0.6	3.4	2.7	0.7	32.3
<b>Chemicals and chemical products</b> .....	-	-	-	5.2	-	0.1	-	-	-	-
Chemicals and chemical products, unspecified .....	-	-	-	0.7	-	-	-	-	-	-
Acids .....	-	-	-	0.3	-	-	-	-	-	-
Acids, unspecified .....	-	-	-	0.1	-	-	-	-	-	-
Acid gases—halogen .....	-	-	-	-	-	-	-	-	-	-
Inorganic acids—halogens .....	-	-	-	-	-	-	-	-	-	-
Hydrochloric acid .....	-	-	-	-	-	-	-	-	-	-
Hydrofluoric acid .....	-	-	-	-	-	-	-	-	-	-
Inorganic acids—other .....	-	-	-	0.1	-	-	-	-	-	-
Nitric acid .....	-	-	-	-	-	-	-	-	-	-
Sulfuric acid .....	-	-	-	0.1	-	-	-	-	-	-
Inorganic acids, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Organic acids .....	-	-	-	-	-	-	-	-	-	-
Carbolic acids .....	-	-	-	-	-	-	-	-	-	-
Organic acids, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Acids, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Alkalies .....	-	-	-	0.3	-	-	-	-	-	-
Alkalies, unspecified .....	-	-	-	-	-	-	-	-	-	-
Calcium hydroxides, calcium oxides .....	-	-	-	0.1	-	-	-	-	-	-
Cement, mortar mix—dry .....	-	-	-	-	-	-	-	-	-	-
Cement, mortar—wet .....	-	-	-	0.1	-	-	-	-	-	-
Lime .....	-	-	-	-	-	-	-	-	-	-
Carbonates—calcium, sodium .....	-	-	-	-	-	-	-	-	-	-
Sodium bicarbonate, baking soda .....	-	-	-	-	-	-	-	-	-	-
Sodium and potassium hydroxide, potassium carbonate .....	-	-	-	0.1	-	-	-	-	-	-
Aromatics and hydrocarbon derivatives, except halogenated .....	-	-	-	0.2	-	-	-	-	-	-
Alcohols .....	-	-	-	0.1	-	-	-	-	-	-
Alcohols, .....	-	-	-	-	-	-	-	-	-	-
Antifreeze .....	-	-	-	0.1	-	-	-	-	-	-
Ethanol .....	-	-	-	-	-	-	-	-	-	-
Methanol .....	-	-	-	-	-	-	-	-	-	-
Propanol .....	-	-	-	-	-	-	-	-	-	-
Alcohols, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Aldehydes .....	-	-	-	-	-	-	-	-	-	-
Formaldehyde .....	-	-	-	-	-	-	-	-	-	-
Aromatics .....	-	-	-	-	-	-	-	-	-	-
Xylene .....	-	-	-	-	-	-	-	-	-	-
Ketones .....	-	-	-	-	-	-	-	-	-	-
Acetone .....	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone .....	-	-	-	-	-	-	-	-	-	-
Halogens and halogen compounds .....	-	-	-	0.2	-	-	-	-	-	-
Bromine and bromine compounds .....	-	-	-	-	-	-	-	-	-	-
Chlorine and chlorine compounds .....	-	-	-	0.2	-	-	-	-	-	-
Chlorine compounds, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chlorine, chlorine bleach .....	-	-	-	0.1	-	-	-	-	-	-
Trichloroethylene .....	-	-	-	-	-	-	-	-	-	-
Chlorine compounds, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Fluorine and fluorine compounds .....	-	-	-	-	-	-	-	-	-	-
Fluorotrichloromethane .....	-	-	-	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes .....	-	-	-	0.3	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified .....	-	-	-	0.1	-	-	-	-	-	-
Lead and lead compounds .....	-	-	-	-	-	-	-	-	-	-
Lead and lead compounds, unspecified .....	-	-	-	-	-	-	-	-	-	-
Inorganic lead compounds .....	-	-	-	-	-	-	-	-	-	-
Mercury and compounds .....	-	-	-	-	-	-	-	-	-	-
Other metallics and compounds .....	-	-	-	-	-	-	-	-	-	-
Aluminum and aluminum compounds .....	-	-	-	-	-	-	-	-	-	-
Zinc and zinc compounds .....	-	-	-	-	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c. ....	-	-	-	0.1	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c. ....	059	0.1	—	—	—	—	—	—	—
Agricultural chemicals and other pesticides .....	06	0.1	—	—	—	—	—	—	—
Agricultural chemicals and other pesticides, unspecified .....	060	—	—	—	—	—	—	—	—
Fertilizers, plant food, n.e.c. ....	061	—	—	—	—	—	—	—	—
Fumigants, n.e.c. ....	062	—	—	—	—	—	—	—	—
Herbicides .....	064	—	—	—	—	—	—	—	—
Insecticides .....	065	0.1	—	—	—	—	—	—	—
Insecticides, unspecified .....	0650	—	—	—	—	—	—	—	—
Chemical products—general .....	07	2.1	—	—	—	—	—	—	—
Chemical products, unspecified .....	070	0.3	—	—	—	—	—	—	—
Adhesives, glues, n.e.c. ....	071	0.1	—	—	—	—	—	—	—
Beauty preparations, cosmetics, n.e.c. ....	072	—	—	—	—	—	—	—	—
Hair preparations .....	0721	—	—	—	—	—	—	—	—
Other beauty preparations, cosmetics .....	0729	—	—	—	—	—	—	—	—
Cleaning and polishing agents, disinfectants, n.e.c. ....	073	0.9	—	—	—	—	—	—	—
Cleaning and polishing agents, unspecified ..	0730	0.4	—	—	—	—	—	—	—
Bleach—nonchlorine, nonperoxide .....	0731	—	—	—	—	—	—	—	—
Disinfectants .....	0732	0.1	—	—	—	—	—	—	—
Drain and oven cleaners .....	0733	0.1	—	—	—	—	—	—	—
Scouring powders .....	0735	—	—	—	—	—	—	—	—
Soap products .....	0736	0.1	—	—	—	—	—	—	—
Synthetic detergents and shampoos .....	0737	—	—	—	—	—	—	—	—
Multiple cleaning and polishing agents .....	0738	—	—	—	—	—	—	—	—
Other cleaning and polishing agents .....	0739	0.2	—	—	—	—	—	—	—
Drugs, alcohol, medicines .....	074	0.1	—	—	—	—	—	—	—
Drugs and medicines, unspecified .....	0740	0.1	—	—	—	—	—	—	—
Medicines .....	0743	—	—	—	—	—	—	—	—
Drugs and medicines, n.e.c. ....	0749	—	—	—	—	—	—	—	—
Explosives, blasting agents, n.e.c. ....	075	—	—	—	—	—	—	—	—
Flammable gas, unspecified .....	0752	—	—	—	—	—	—	—	—
Paint, lacquer, shellac, varnish, n.e.c. ....	076	0.2	—	—	—	—	—	—	—
Paint, lacquer, shellac, varnish, unspecified ..	0760	0.1	—	—	—	—	—	—	—
Lacquer, shellac, varnish .....	0761	—	—	—	—	—	—	—	—
Paint .....	0762	0.1	—	—	—	—	—	—	—
Multiple paint, lacquer, shellac, or varnish ....	0768	—	—	—	—	—	—	—	—
Other paint, lacquer, shellac, varnish .....	0769	—	—	—	—	—	—	—	—
Solvents, degreasers, n.e.c. ....	077	0.2	—	—	—	—	—	—	—
Solvents, degreasers, unspecified .....	0770	0.1	—	—	—	—	—	—	—
Naphtha solvents .....	0771	—	—	—	—	—	—	—	—
Paint removers, thinners .....	0772	—	—	—	—	—	—	—	—
Dry cleaning fluids, n.e.c. ....	0773	—	—	—	—	—	—	—	—
Multiple solvents, degreasers .....	0778	—	—	—	—	—	—	—	—
Other solvents, degreasers .....	0779	—	—	—	—	—	—	—	—
Other chemical products .....	079	0.2	—	—	—	—	—	—	—
Other chemical products, unspecified .....	0790	—	—	—	—	—	—	—	—
Dyes, inks .....	0791	—	—	—	—	—	—	—	—
Tear gas, mace .....	0792	—	—	—	—	—	—	—	—
Photographic and copying solutions .....	0793	—	—	—	—	—	—	—	—
Chemical products, n.e.c. ....	0799	0.1	—	—	—	—	—	—	—
Coal, natural gas, petroleum fuels and products, n.e.c. ....	08	0.5	0.1	0.1	—	—	—	—	—
Coal, natural gas, petroleum fuels and products, unspecified .....	080	—	—	—	—	—	—	—	—
Coal and coal products .....	081	0.1	0.1	0.1	—	—	—	—	—
Coal .....	0811	0.1	0.1	0.1	—	—	—	—	—
Natural gas .....	082	—	—	—	—	—	—	—	—
Petroleum, crude oil .....	083	—	—	—	—	—	—	—	—
Petroleum fuels, distillates, and products, n.e.c. ....	084	0.4	—	—	—	—	—	—	—
Petroleum fuels, distillates, and products, unspecified .....	0840	—	—	—	—	—	—	—	—
Gasoline, diesel fuel, jet fuel .....	0842	0.1	—	—	—	—	—	—	—
Lubricating greases, cutting oils .....	0844	0.2	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.	-	-	-	0.1	-	-	-	-	-	-
Agricultural chemicals and other pesticides	-	-	-	0.1	-	-	-	-	-	-
Agricultural chemicals and other pesticides, unspecified	-	-	-	-	-	-	-	-	-	-
Fertilizers, plant food, n.e.c.	-	-	-	-	-	-	-	-	-	-
Fumigants, n.e.c.	-	-	-	-	-	-	-	-	-	-
Herbicides	-	-	-	-	-	-	-	-	-	-
Insecticides	-	-	-	0.1	-	-	-	-	-	-
Insecticides, unspecified	-	-	-	-	-	-	-	-	-	-
Chemical products—general	-	-	-	2.0	-	-	-	-	-	-
Chemical products, unspecified	-	-	-	0.3	-	-	-	-	-	-
Adhesives, glues, n.e.c.	-	-	-	0.1	-	-	-	-	-	-
Beauty preparations, cosmetics, n.e.c.	-	-	-	-	-	-	-	-	-	-
Hair preparations	-	-	-	-	-	-	-	-	-	-
Other beauty preparations, cosmetics	-	-	-	-	-	-	-	-	-	-
Cleaning and polishing agents, disinfectants, n.e.c.	-	-	-	0.9	-	-	-	-	-	-
Cleaning and polishing agents, unspecified	-	-	-	0.4	-	-	-	-	-	-
Bleach—nonchlorine, nonperoxide	-	-	-	-	-	-	-	-	-	-
Disinfectants	-	-	-	0.1	-	-	-	-	-	-
Drain and oven cleaners	-	-	-	0.1	-	-	-	-	-	-
Scouring powders	-	-	-	-	-	-	-	-	-	-
Soap products	-	-	-	0.1	-	-	-	-	-	-
Synthetic detergents and shampoos	-	-	-	-	-	-	-	-	-	-
Multiple cleaning and polishing agents	-	-	-	-	-	-	-	-	-	-
Other cleaning and polishing agents	-	-	-	0.2	-	-	-	-	-	-
Drugs, alcohol, medicines	-	-	-	0.1	-	-	-	-	-	-
Drugs and medicines, unspecified	-	-	-	0.1	-	-	-	-	-	-
Medicines	-	-	-	-	-	-	-	-	-	-
Drugs and medicines, n.e.c.	-	-	-	-	-	-	-	-	-	-
Explosives, blasting agents, n.e.c.	-	-	-	-	-	-	-	-	-	-
Flammable gas, unspecified	-	-	-	-	-	-	-	-	-	-
Paint, lacquer, shellac, varnish, n.e.c.	-	-	-	0.2	-	-	-	-	-	-
Paint, lacquer, shellac, varnish, unspecified	-	-	-	0.1	-	-	-	-	-	-
Lacquer, shellac, varnish	-	-	-	-	-	-	-	-	-	-
Paint	-	-	-	0.1	-	-	-	-	-	-
Multiple paint, lacquer, shellac, or varnish	-	-	-	-	-	-	-	-	-	-
Other paint, lacquer, shellac, varnish	-	-	-	-	-	-	-	-	-	-
Solvents, degreasers, n.e.c.	-	-	-	0.2	-	-	-	-	-	-
Solvents, degreasers, unspecified	-	-	-	0.1	-	-	-	-	-	-
Naphtha solvents	-	-	-	-	-	-	-	-	-	-
Paint removers, thinners	-	-	-	-	-	-	-	-	-	-
Dry cleaning fluids, n.e.c.	-	-	-	-	-	-	-	-	-	-
Multiple solvents, degreasers	-	-	-	-	-	-	-	-	-	-
Other solvents, degreasers	-	-	-	-	-	-	-	-	-	-
Other chemical products	-	-	-	0.1	-	-	-	-	-	-
Other chemical products, unspecified	-	-	-	-	-	-	-	-	-	-
Dyes, inks	-	-	-	-	-	-	-	-	-	-
Tear gas, mace	-	-	-	-	-	-	-	-	-	-
Photographic and copying solutions	-	-	-	-	-	-	-	-	-	-
Chemical products, n.e.c.	-	-	-	0.1	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, n.e.c.	-	-	-	0.4	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, unspecified	-	-	-	-	-	-	-	-	-	-
Coal and coal products	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-	-	-	-	-
Petroleum, crude oil	-	-	-	-	-	-	-	-	-	-
Petroleum fuels, distillates, and products, n.e.c.	-	-	-	0.3	-	-	-	-	-	-
Petroleum fuels, distillates, and products, unspecified	-	-	-	-	-	-	-	-	-	-
Gasoline, diesel fuel, jet fuel	-	-	-	0.1	-	-	-	-	-	-
Lubricating greases, cutting oils	-	-	-	0.2	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Propane .....	0845	0.1	-	-	-	-	-	-	-
Other petroleum fuels, distillates, and products .....	0849	-	-	-	-	-	-	-	-
Other coal, natural gas, petroleum fuels and products .....	089	-	-	-	-	-	-	-	-
Other chemicals .....	09	0.7	-	-	-	-	-	-	-
Ammonia and ammonium compounds .....	091	0.1	-	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified .....	0910	-	-	-	-	-	-	-	-
Ammonia, anhydrous ammonia .....	0911	-	-	-	-	-	-	-	-
Ammonia and ammonium compounds, n.e.c. ....	0919	-	-	-	-	-	-	-	-
Cryogenic gases .....	092	-	-	-	-	-	-	-	-
Liquid helium .....	0922	-	-	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c. ....	094	0.1	-	-	-	-	-	-	-
Carbon monoxide .....	0941	0.1	-	-	-	-	-	-	-
Carbon dioxide, dry ice .....	0942	-	-	-	-	-	-	-	-
Plastics, resins .....	095	0.1	-	-	-	-	-	-	-
Plastics, unspecified .....	0950	-	-	-	-	-	-	-	-
Resins .....	0952	-	-	-	-	-	-	-	-
Urethanes .....	0953	-	-	-	-	-	-	-	-
Plastics, n.e.c. ....	0959	-	-	-	-	-	-	-	-
Sewer gas, mine gas, methane .....	096	-	-	-	-	-	-	-	-
Sulfur and sulfur compounds .....	097	-	-	-	-	-	-	-	-
Sulfur and sulfur compounds, unspecified .....	0970	-	-	-	-	-	-	-	-
Hydrogen sulfide .....	0972	-	-	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, n.e.c. ....	098	0.1	-	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, unspecified .....	0980	-	-	-	-	-	-	-	-
Chlorine and cleaning agent, n.e.c. ....	0983	-	-	-	-	-	-	-	-
Other multiple chemicals or chemical mixtures .....	0989	-	-	-	-	-	-	-	-
Chemicals and chemical products, n.e.c. ....	099	0.3	-	-	-	-	-	-	-
<b>Containers .....</b>	<b>1</b>	<b>41.9</b>	<b>9.5</b>	<b>6.2</b>	<b>2.1</b>	<b>1.0</b>	<b>0.1</b>	<b>0.7</b>	<b>0.2</b>
Containers, unspecified .....	10	1.0	0.1	0.1	-	-	-	-	-
Containers—nonpressurized .....	11	30.4	5.9	4.0	1.3	0.5	0.1	0.5	0.1
Containers—nonpressurized, unspecified .....	110	0.7	0.1	-	-	-	-	-	-
Bags, sacks, totes .....	111	3.3	0.2	0.2	-	-	-	-	-
Barrels, kegs, drums .....	112	1.5	0.4	0.2	0.1	-	-	-	-
Bottles, jugs, flasks .....	113	0.5	0.2	0.2	0.1	-	-	-	-
Boxes, crates, cartons .....	114	16.8	3.0	2.2	0.5	0.2	-	0.2	-
Buckets, baskets, pails .....	115	1.8	0.3	0.2	0.1	-	-	-	-
Cans .....	116	1.4	0.5	0.3	0.2	-	-	-	-
Pots, pans, trays .....	117	2.1	0.5	0.3	0.1	-	-	-	-
Tanks, bins, vats .....	118	1.6	0.6	0.2	0.2	0.1	-	0.1	-
Containers—nonpressurized, n.e.c. ....	119	0.6	0.2	0.1	-	-	-	-	-
Containers—pressurized .....	12	1.3	0.5	0.4	0.1	-	-	-	-
Containers—pressurized, unspecified .....	120	-	-	-	-	-	-	-	-
Boilers .....	121	-	-	-	-	-	-	-	-
Hoses .....	122	0.6	0.3	0.2	0.1	-	-	-	-
Oxygen tanks .....	123	0.1	-	-	-	-	-	-	-
Pressure lines, except hoses .....	124	0.1	-	-	-	-	-	-	-
Propane tanks .....	125	0.1	-	-	-	-	-	-	-
Containers—pressurized, n.e.c. ....	129	0.4	0.2	0.1	-	-	-	-	-
Containers—variable restraint .....	13	4.5	1.0	0.7	0.1	0.1	-	-	-
Containers—variable restraint, unspecified .....	130	-	-	-	-	-	-	-	-
Bundles, bales .....	131	1.1	0.2	0.1	-	-	-	-	-
Packages, parcels .....	132	1.2	0.2	0.2	-	-	-	-	-
Reels, rolls .....	133	2.0	0.6	0.4	0.1	0.1	-	-	-
Containers—variable restraint, n.e.c. ....	139	0.1	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses .....	14	0.6	0.4	0.2	0.2	-	-	-	-
Dishes, drinking cups, beverage glasses, unspecified .....	140	0.1	0.1	-	-	-	-	-	-
Dishes, bowls .....	141	0.2	0.1	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Propane .....	-	-	-	0.1	-	-	-	-	-	-
Other petroleum fuels, distillates, and products .....	-	-	-	-	-	-	-	-	-	-
Other coal, natural gas, petroleum fuels and products .....	-	-	-	-	-	-	-	-	-	-
Other chemicals .....	-	-	-	0.7	-	-	-	-	-	-
Ammonia and ammonium compounds .....	-	-	-	0.1	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified .....	-	-	-	-	-	-	-	-	-	-
Ammonia, anhydrous ammonia .....	-	-	-	-	-	-	-	-	-	-
Ammonia and ammonium compounds, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Cryogenic gases .....	-	-	-	-	-	-	-	-	-	-
Liquid helium .....	-	-	-	-	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c. ....	-	-	-	0.1	-	-	-	-	-	-
Carbon monoxide .....	-	-	-	0.1	-	-	-	-	-	-
Carbon dioxide, dry ice .....	-	-	-	-	-	-	-	-	-	-
Plastics, resins .....	-	-	-	0.1	-	-	-	-	-	-
Plastics, unspecified .....	-	-	-	-	-	-	-	-	-	-
Resins .....	-	-	-	-	-	-	-	-	-	-
Urethanes .....	-	-	-	-	-	-	-	-	-	-
Plastics, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Sewer gas, mine gas, methane .....	-	-	-	-	-	-	-	-	-	-
Sulfur and sulfur compounds .....	-	-	-	-	-	-	-	-	-	-
Sulfur and sulfur compounds, unspecified .....	-	-	-	-	-	-	-	-	-	-
Hydrogen sulfide .....	-	-	-	-	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, n.e.c. ....	-	-	-	0.1	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chlorine and cleaning agent, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other multiple chemicals or chemical mixtures .....	-	-	-	-	-	-	-	-	-	-
Chemicals and chemical products, n.e.c. ....	-	-	-	0.2	-	-	-	-	-	-
<b>Containers .....</b>	<b>30.7</b>	<b>22.8</b>	<b>-</b>	<b>0.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.4</b>
Containers, unspecified .....	0.9	0.6	-	-	-	-	-	-	-	-
Containers—nonpressurized .....	23.4	18.2	-	0.1	-	-	-	-	-	0.3
Containers—nonpressurized, unspecified .....	0.6	0.4	-	-	-	-	-	-	-	-
Bags, sacks, totes .....	3.1	2.4	-	-	-	-	-	-	-	-
Barrels, kegs, drums .....	1.1	0.7	-	-	-	-	-	-	-	-
Bottles, jugs, flasks .....	0.3	0.2	-	-	-	-	-	-	-	-
Boxes, crates, cartons .....	13.4	10.8	-	-	-	-	-	-	-	0.2
Buckets, baskets, pails .....	1.4	1.2	-	-	-	-	-	-	-	-
Cans .....	0.9	0.7	-	-	-	-	-	-	-	-
Pots, pans, trays .....	1.4	1.1	-	0.1	-	-	-	-	-	-
Tanks, bins, vats .....	0.9	0.6	-	-	-	-	-	-	-	-
Containers—nonpressurized, n.e.c. ....	0.4	0.2	-	-	-	-	-	-	-	-
Containers—pressurized .....	0.7	0.3	-	-	-	-	-	-	-	-
Containers—pressurized, unspecified .....	-	-	-	-	-	-	-	-	-	-
Boilers .....	-	-	-	-	-	-	-	-	-	-
Hoses .....	0.3	0.1	-	-	-	-	-	-	-	-
Oxygen tanks .....	-	-	-	-	-	-	-	-	-	-
Pressure lines, except hoses .....	-	-	-	-	-	-	-	-	-	-
Propane tanks .....	-	-	-	-	-	-	-	-	-	-
Containers—pressurized, n.e.c. ....	0.2	0.2	-	-	-	-	-	-	-	-
Containers—variable restraint .....	3.4	2.4	-	-	-	-	-	-	-	0.1
Containers—variable restraint, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bundles, bales .....	0.9	0.7	-	-	-	-	-	-	-	-
Packages, parcels .....	1.0	0.7	-	-	-	-	-	-	-	-
Reels, rolls .....	1.4	0.9	-	-	-	-	-	-	-	-
Containers—variable restraint, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses .....	0.2	0.1	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses, unspecified .....	-	-	-	-	-	-	-	-	-	-
Dishes, bowls .....	0.1	0.1	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Drinking cups, beverage glasses .....	142	0.2	0.2	0.1	0.1	-	-	-	-
Dishes, drinking cups, beverage glasses, n.e.c. ....	149	-	-	-	-	-	-	-	-
Luggage, handbags .....	15	0.7	0.1	0.1	-	-	-	-	-
Luggage, unspecified .....	150	0.4	-	-	-	-	-	-	-
Briefcases .....	151	-	-	-	-	-	-	-	-
Handbags, pocketbooks, wallets .....	152	-	-	-	-	-	-	-	-
Suitcases .....	153	0.2	-	-	-	-	-	-	-
Luggage, n.e.c. ....	159	0.1	-	-	-	-	-	-	-
Skids, pallets .....	16	3.1	1.4	0.8	0.4	0.3	-	0.2	-
Containers, n.e.c. ....	19	0.2	-	-	-	-	-	-	-
<b>Furniture and fixtures .....</b>	<b>2</b>	<b>11.3</b>	<b>4.9</b>	<b>2.1</b>	<b>2.3</b>	<b>0.5</b>	<b>0.1</b>	<b>0.8</b>	<b>0.1</b>
Furniture and fixtures, unspecified .....	20	0.3	-	-	-	-	-	-	-
Cases, cabinets, racks, shelves .....	21	4.1	2.1	0.8	1.0	0.3	-	0.3	-
Cases, cabinets, racks, shelves, unspecified ....	210	0.5	0.2	0.1	0.1	0.1	-	-	-
Bookcases .....	211	-	-	-	-	-	-	-	-
Cabinets, cases—display, storage .....	212	1.1	0.4	0.2	0.2	-	-	0.1	-
Counters, counter tops .....	213	0.4	0.2	-	0.2	-	-	0.1	-
Garment racks, other racks .....	214	1.1	0.6	0.2	0.3	0.1	-	-	-
Lockers .....	215	-	-	-	-	-	-	-	-
Partitions .....	216	-	-	-	-	-	-	-	-
Shelving .....	217	0.6	0.4	0.2	0.2	-	-	-	-
Cases, cabinets, racks, shelves, n.e.c. ....	219	0.2	0.1	-	-	-	-	-	-
Floor, wall, and window coverings .....	22	0.4	0.1	-	-	-	-	-	0.1
Floor, wall, and window coverings, unspecified .....	220	-	-	-	-	-	-	-	-
Floor coverings, nonstructural .....	221	0.2	-	-	-	-	-	-	-
Wall coverings .....	222	0.1	-	-	-	-	-	-	-
Window coverings, blinds, shades or draperies .....	223	0.1	-	-	-	-	-	-	-
Floor, wall, and window coverings, n.e.c. ....	229	-	-	-	-	-	-	-	-
Furniture .....	23	5.2	2.1	0.8	1.0	0.2	-	0.3	-
Furniture, unspecified .....	230	0.4	-	-	-	-	-	-	-
Beds, bedding, mattresses .....	231	1.1	0.4	0.2	0.2	0.1	-	-	-
Benches, workbenches, saw horses .....	232	0.2	0.1	-	-	-	-	-	-
Chairs .....	233	0.8	0.4	0.2	0.2	-	-	0.1	-
Desks .....	234	0.4	0.2	-	0.2	-	-	-	-
Sofas .....	235	0.3	-	-	-	-	-	-	-
Tables, worktables .....	236	1.6	0.8	0.3	0.4	0.1	-	0.1	-
Furniture, n.e.c. ....	239	0.4	0.1	-	-	-	-	-	-
Other fixtures .....	24	1.0	0.6	0.3	0.2	-	-	0.1	-
Other fixtures, unspecified .....	240	-	-	-	-	-	-	-	-
Lighting equipment .....	241	0.4	0.3	0.2	-	-	-	-	-
Lighting equipment, unspecified .....	2410	0.1	0.1	0.1	-	-	-	-	-
Lamps .....	2411	0.1	0.1	0.1	-	-	-	-	-
Light bulbs .....	2412	0.1	-	-	-	-	-	-	-
Lighting equipment, n.e.c. ....	2419	0.1	0.1	-	-	-	-	-	-
Plumbing fixtures .....	242	0.5	0.2	0.1	0.1	-	-	0.1	-
Plumbing fixtures, unspecified .....	2420	-	-	-	-	-	-	-	-
Bathtubs .....	2421	0.2	-	-	-	-	-	0.1	-
Sinks .....	2422	0.1	-	-	-	-	-	-	-
Toilets .....	2423	0.1	-	-	-	-	-	-	-
Plumbing fixtures, n.e.c. ....	2429	0.1	0.1	-	-	-	-	-	-
Other fixtures, n.e.c. ....	249	0.1	0.1	-	-	-	-	-	-
Furniture and fixtures, n.e.c. ....	29	0.1	0.1	-	-	-	-	-	-
<b>Machinery .....</b>	<b>3</b>	<b>19.5</b>	<b>12.9</b>	<b>2.7</b>	<b>3.8</b>	<b>6.0</b>	<b>0.1</b>	<b>0.5</b>	<b>-</b>
Machinery, unspecified .....	30	1.1	0.8	0.1	0.2	0.4	-	-	-
Agricultural and garden machinery .....	31	0.6	0.4	0.1	0.2	0.1	-	-	-
Agricultural and garden machinery, unspecified .....	310	-	-	-	-	-	-	-	-
Harvesting and threshing machinery .....	311	-	-	-	-	-	-	-	-
Harvesting and threshing machinery, unspecified .....	3110	-	-	-	-	-	-	-	-
Balers .....	3111	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Drinking cups, beverage glasses .....	-	-	-	-	-	-	-	-	-	-
Dishes, drinking cups, beverage glasses, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Luggage, handbags .....	0.6	0.4	-	-	-	-	-	-	-	-
Luggage, unspecified .....	0.3	0.2	-	-	-	-	-	-	-	-
Briefcases .....	-	-	-	-	-	-	-	-	-	-
Handbags, pocketbooks, wallets .....	-	-	-	-	-	-	-	-	-	-
Suitcases .....	0.2	0.1	-	-	-	-	-	-	-	-
Luggage, n.e.c. ....	0.1	0.1	-	-	-	-	-	-	-	-
Skids, pallets .....	1.4	0.7	-	-	-	-	-	-	-	0.1
Containers, n.e.c. ....	0.2	0.1	-	-	-	-	-	-	-	-
<b>Furniture and fixtures</b> .....	<b>5.1</b>	<b>2.8</b>	-	<b>0.1</b>	-	-	-	-	-	<b>0.2</b>
Furniture and fixtures, unspecified .....	0.2	0.1	-	-	-	-	-	-	-	-
Cases, cabinets, racks, shelves .....	1.6	0.9	-	-	-	-	-	-	-	0.1
Cases, cabinets, racks, shelves, unspecified ....	0.2	0.1	-	-	-	-	-	-	-	-
Bookcases .....	-	-	-	-	-	-	-	-	-	-
Cabinets, cases—display, storage .....	0.6	0.3	-	-	-	-	-	-	-	-
Counters, counter tops .....	0.1	-	-	-	-	-	-	-	-	-
Garment racks, other racks .....	0.5	0.2	-	-	-	-	-	-	-	-
Lockers .....	-	-	-	-	-	-	-	-	-	-
Partitions .....	-	-	-	-	-	-	-	-	-	-
Shelving .....	0.1	0.1	-	-	-	-	-	-	-	-
Cases, cabinets, racks, shelves, n.e.c. ....	0.1	0.1	-	-	-	-	-	-	-	-
Floor, wall, and window coverings .....	0.3	0.1	-	-	-	-	-	-	-	-
Floor, wall, and window coverings, unspecified .....	-	-	-	-	-	-	-	-	-	-
Floor coverings, nonstructural .....	0.1	0.1	-	-	-	-	-	-	-	-
Wall coverings .....	-	-	-	-	-	-	-	-	-	-
Window coverings, blinds, shades or draperies .....	0.1	-	-	-	-	-	-	-	-	-
Floor, wall, and window coverings, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
<b>Furniture</b> .....	<b>2.7</b>	<b>1.5</b>	-	-	-	-	-	-	-	<b>0.1</b>
Furniture, unspecified .....	0.3	0.2	-	-	-	-	-	-	-	-
Beds, bedding, mattresses .....	0.7	0.3	-	-	-	-	-	-	-	-
Benches, workbenches, saw horses .....	-	-	-	-	-	-	-	-	-	-
Chairs .....	0.3	0.2	-	-	-	-	-	-	-	-
Desks .....	0.2	0.1	-	-	-	-	-	-	-	-
Sofas .....	0.3	0.2	-	-	-	-	-	-	-	-
Tables, worktables .....	0.6	0.3	-	-	-	-	-	-	-	-
Furniture, n.e.c. ....	0.3	0.2	-	-	-	-	-	-	-	-
<b>Other fixtures</b> .....	<b>0.3</b>	<b>0.2</b>	-	-	-	-	-	-	-	-
Other fixtures, unspecified .....	-	-	-	-	-	-	-	-	-	-
Lighting equipment .....	-	-	-	-	-	-	-	-	-	-
Lighting equipment, unspecified .....	-	-	-	-	-	-	-	-	-	-
Lamps .....	-	-	-	-	-	-	-	-	-	-
Light bulbs .....	-	-	-	-	-	-	-	-	-	-
Lighting equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Plumbing fixtures .....	0.2	0.1	-	-	-	-	-	-	-	-
Plumbing fixtures, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bathtubs .....	0.1	-	-	-	-	-	-	-	-	-
Sinks .....	-	-	-	-	-	-	-	-	-	-
Toilets .....	0.1	-	-	-	-	-	-	-	-	-
Plumbing fixtures, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other fixtures, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Furniture and fixtures, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
<b>Machinery</b> .....	<b>4.8</b>	<b>2.1</b>	-	<b>0.8</b>	<b>0.2</b>	-	-	-	-	<b>0.2</b>
Machinery, unspecified .....	0.2	0.1	-	-	-	-	-	-	-	-
Agricultural and garden machinery .....	0.2	0.1	-	-	-	-	-	-	-	-
Agricultural and garden machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Harvesting and threshing machinery .....	-	-	-	-	-	-	-	-	-	-
Harvesting and threshing machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Balers .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Harvesters, reapers .....	3113	—	—	—	—	—	—	—	—
Harvesting and threshing machinery, n.e.c. ....	3119	—	—	—	—	—	—	—	—
Mowing machinery .....	312	0.4	0.2	0.1	0.1	—	—	—	—
Mowing machinery, unspecified .....	3120	0.1	—	—	—	—	—	—	—
Lawn mowers—nonriding, powered .....	3121	0.1	0.1	—	—	—	—	—	—
Lawn mowers—riding .....	3122	0.1	—	—	—	—	—	—	—
Mowers—tractor .....	3123	—	—	—	—	—	—	—	—
Mowing machinery, n.e.c. ....	3129	0.1	0.1	—	0.1	—	—	—	—
Plowing, planting, and fertilizing machinery .....	313	0.1	—	—	—	—	—	—	—
Plowing, planting, and fertilizing machinery, unspecified .....	3130	—	—	—	—	—	—	—	—
Plowing and cultivating machinery .....	3131	—	—	—	—	—	—	—	—
Seed planting machinery .....	3132	—	—	—	—	—	—	—	—
Spreading machinery—agricultural .....	3133	—	—	—	—	—	—	—	—
Plowing, planting, and fertilizing machinery, n.e.c. ....	3139	—	—	—	—	—	—	—	—
Other agricultural and garden machinery .....	319	0.1	—	—	—	—	—	—	—
Dairy and milk processing machinery—specialized .....	3191	—	—	—	—	—	—	—	—
Feed grinders, crushers, mixers—agricultural .....	3192	—	—	—	—	—	—	—	—
Spraying and dusting machinery—agricultural .....	3193	—	—	—	—	—	—	—	—
Agricultural and garden machinery, n.e.c. ....	3199	—	—	—	—	—	—	—	—
Construction, logging, and mining machinery .....	32	1.1	0.7	0.2	0.2	0.2	—	—	—
Construction, logging, and mining machinery, unspecified .....	320	—	—	—	—	—	—	—	—
Excavating machinery .....	321	0.2	0.1	—	—	—	—	—	—
Excavating machinery, unspecified .....	3210	—	—	—	—	—	—	—	—
Backhoes .....	3211	0.1	0.1	—	—	—	—	—	—
Bulldozers .....	3212	—	—	—	—	—	—	—	—
Steam and power shovels .....	3213	—	—	—	—	—	—	—	—
Trenchers .....	3214	—	—	—	—	—	—	—	—
Excavating machinery, n.e.c. ....	3219	—	—	—	—	—	—	—	—
Loaders .....	322	0.2	0.1	—	—	—	—	—	—
Loaders, unspecified .....	3220	0.1	—	—	—	—	—	—	—
Bucket loaders .....	3221	—	—	—	—	—	—	—	—
Front end loaders .....	3223	—	—	—	—	—	—	—	—
Loaders, n.e.c. ....	3229	—	—	—	—	—	—	—	—
Logging and wood processing machinery—specialized .....	323	0.1	0.1	—	—	—	—	—	—
Logging and wood processing machinery—specialized, unspecified .....	3230	—	—	—	—	—	—	—	—
Chippers .....	3231	—	—	—	—	—	—	—	—
Log loaders, including heel boom .....	3234	—	—	—	—	—	—	—	—
Forwarder/yarder, skidder .....	3235	—	—	—	—	—	—	—	—
Skidder—cable and grapple .....	3238	—	—	—	—	—	—	—	—
Logging and wood processing machinery—specialized, n.e.c. ....	3239	—	—	—	—	—	—	—	—
Mining and drilling machinery .....	324	0.2	0.1	—	—	0.1	—	—	—
Mining and drilling machinery, unspecified ....	3240	0.2	0.1	—	—	—	—	—	—
Drilling machines, drilling augers .....	3241	—	—	—	—	—	—	—	—
Mineral sorters, separators, concentrators ....	3242	—	—	—	—	—	—	—	—
Tunnelling machines .....	3243	—	—	—	—	—	—	—	—
Mining and drilling machinery, n.e.c. ....	3249	—	—	—	—	—	—	—	—
Road grading and surfacing machinery .....	325	0.1	—	—	—	—	—	—	—
Road grading and surfacing machinery, unspecified .....	3250	—	—	—	—	—	—	—	—
Asphalt and mortar spreaders .....	3251	—	—	—	—	—	—	—	—
Graders, levellers, planers, scrapers .....	3252	—	—	—	—	—	—	—	—
Steam rollers, road pavers .....	3254	—	—	—	—	—	—	—	—
Road grading and surfacing machinery, n.e.c. ....	3259	—	—	—	—	—	—	—	—
Other construction, logging, and mining machinery .....	329	0.2	0.1	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Harvesters, reapers .....	-	-	-	-	-	-	-	-	-	-
Harvesting and threshing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Mowing machinery .....	0.1	0.1	-	-	-	-	-	-	-	-
Mowing machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Lawn mowers—nonriding, powered .....	-	-	-	-	-	-	-	-	-	-
Lawn mowers—riding .....	-	-	-	-	-	-	-	-	-	-
Mowers—tractor .....	-	-	-	-	-	-	-	-	-	-
Mowing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery .....	-	-	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Plowing and cultivating machinery .....	-	-	-	-	-	-	-	-	-	-
Seed planting machinery .....	-	-	-	-	-	-	-	-	-	-
Spreading machinery—agricultural .....	-	-	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other agricultural and garden machinery .....	-	-	-	-	-	-	-	-	-	-
Dairy and milk processing machinery—specialized .....	-	-	-	-	-	-	-	-	-	-
Feed grinders, crushers, mixers—agricultural .....	-	-	-	-	-	-	-	-	-	-
Spraying and dusting machinery—agricultural .....	-	-	-	-	-	-	-	-	-	-
Agricultural and garden machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Construction, logging, and mining machinery .....	0.2	0.1	-	-	0.1	-	-	-	-	-
Construction, logging, and mining machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Excavating machinery .....	-	-	-	-	-	-	-	-	-	-
Excavating machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Backhoes .....	-	-	-	-	-	-	-	-	-	-
Bulldozers .....	-	-	-	-	-	-	-	-	-	-
Steam and power shovels .....	-	-	-	-	-	-	-	-	-	-
Trenchers .....	-	-	-	-	-	-	-	-	-	-
Excavating machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Loaders .....	-	-	-	-	-	-	-	-	-	-
Loaders, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bucket loaders .....	-	-	-	-	-	-	-	-	-	-
Front end loaders .....	-	-	-	-	-	-	-	-	-	-
Loaders, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Logging and wood processing machinery—specialized .....	-	-	-	-	-	-	-	-	-	-
Logging and wood processing machinery—specialized, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chippers .....	-	-	-	-	-	-	-	-	-	-
Log loaders, including heel boom .....	-	-	-	-	-	-	-	-	-	-
Forwarder/yarder, skidder .....	-	-	-	-	-	-	-	-	-	-
Skidder—cable and grapple .....	-	-	-	-	-	-	-	-	-	-
Logging and wood processing machinery—specialized, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Mining and drilling machinery .....	-	-	-	-	-	-	-	-	-	-
Mining and drilling machinery, unspecified ....	-	-	-	-	-	-	-	-	-	-
Drilling machines, drilling augers .....	-	-	-	-	-	-	-	-	-	-
Mineral sorters, separators, concentrators ....	-	-	-	-	-	-	-	-	-	-
Tunnelling machines .....	-	-	-	-	-	-	-	-	-	-
Mining and drilling machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Road grading and surfacing machinery .....	-	-	-	-	-	-	-	-	-	-
Road grading and surfacing machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Asphalt and mortar spreaders .....	-	-	-	-	-	-	-	-	-	-
Graders, levellers, planers, scrapers .....	-	-	-	-	-	-	-	-	-	-
Steam rollers, road pavers .....	-	-	-	-	-	-	-	-	-	-
Road grading and surfacing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other construction, logging, and mining machinery .....	0.1	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Agitators, mixers—earth, mineral .....	3291	0.1	—	—	—	—	—	—	—
Compactors, crushers, pulverizers—earth, mineral .....	3292	—	—	—	—	—	—	—	—
Pile drivers, tamping machinery .....	3293	—	—	—	—	—	—	—	—
Construction, logging, and mining machinery, n.e.c. ....	3299	0.1	—	—	—	—	—	—	—
Heating, cooling, and cleaning machinery and appliances .....	33	2.8	1.0	0.4	0.3	0.2	—	0.1	—
Heating, cooling, and cleaning machinery and appliances, unspecified .....	330	—	—	—	—	—	—	—	—
Cooling and humidifying machinery and appliances .....	331	1.0	0.4	0.2	0.1	0.1	—	—	—
Cooling and humidifying machinery and appliances, unspecified .....	3310	—	—	—	—	—	—	—	—
Air conditioning units .....	3311	0.2	—	—	—	—	—	—	—
Fans, blowers—wall, floor, ceiling, ventilation .....	3312	0.2	0.1	—	—	—	—	—	—
Refrigerators, freezers, ice makers .....	3314	0.5	0.2	0.1	0.1	—	—	—	—
Cooling and humidifying machinery and appliances, n.e.c. ....	3319	—	—	—	—	—	—	—	—
Heating and cooking machinery and appliances .....	332	1.0	0.3	0.1	0.1	—	—	—	—
Heating and cooking machinery and appliances, unspecified .....	3320	—	—	—	—	—	—	—	—
Beverage heating and percolating equipment and appliances .....	3321	—	—	—	—	—	—	—	—
Broiling and frying equipment and appliances .....	3322	—	—	—	—	—	—	—	—
Fabric pressers and ironing appliances .....	3323	0.1	—	—	—	—	—	—	—
Furnaces, heaters .....	3324	0.3	0.1	—	—	—	—	—	—
Kilns .....	3325	—	—	—	—	—	—	—	—
Ranges, cooking ovens, grills, toasters, food warmers .....	3326	0.4	0.1	—	0.1	—	—	—	—
Steaming equipment and appliances .....	3327	—	—	—	—	—	—	—	—
Heating and cooking machinery and appliances, n.e.c. ....	3329	—	—	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances .....	333	0.7	0.2	0.1	0.1	0.1	—	—	—
Washers, dryers, and cleaning machinery and appliances, unspecified .....	3330	0.1	—	—	—	—	—	—	—
Car or vehicle washing machinery .....	3331	—	—	—	—	—	—	—	—
Clothes dryers .....	3332	—	—	—	—	—	—	—	—
Clothes washers .....	3333	0.1	—	—	—	—	—	—	—
Dish washers .....	3334	0.1	—	—	—	—	—	—	—
Hair and hand dryers .....	3335	—	—	—	—	—	—	—	—
Vacuum cleaners .....	3336	0.2	0.1	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances, n.e.c. ....	3339	0.1	—	—	—	—	—	—	—
Heating, cooling, and cleaning machinery and appliances, n.e.c. ....	339	—	—	—	—	—	—	—	—
Material handling machinery .....	34	3.4	2.5	0.9	0.4	1.1	—	0.2	—
Material handling machinery, unspecified .....	340	0.2	0.1	—	—	—	—	—	—
Conveyors—gravity .....	341	0.3	0.2	—	0.1	0.1	—	—	—
Conveyors—gravity, unspecified .....	3410	0.1	—	—	—	—	—	—	—
Chutes .....	3411	0.1	0.1	—	—	—	—	—	—
Conveyors—roller .....	3412	0.1	0.1	—	—	—	—	—	—
Conveyors—wheel .....	3413	—	—	—	—	—	—	—	—
Conveyors—powered .....	342	0.8	0.7	0.1	0.2	0.4	—	0.1	—
Conveyors—powered, unspecified .....	3420	0.3	0.2	—	0.1	0.1	—	—	—
Conveyors—belt .....	3421	0.3	0.3	—	—	0.2	—	—	—
Conveyors—bucket, cup .....	3422	—	—	—	—	—	—	—	—
Conveyors—chain .....	3423	—	—	—	—	—	—	—	—
Conveyors—live roller .....	3424	0.1	0.1	—	—	0.1	—	—	—
Conveyors—screw, auger .....	3427	—	—	—	—	—	—	—	—
Conveyors—powered, n.e.c. ....	3429	—	—	—	—	—	—	—	—
Cranes .....	343	0.2	0.1	0.1	—	0.1	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Agitators, mixers—earth, mineral .....	-	-	-	-	-	-	-	-	-	-
Compactors, crushers, pulverizers—earth, mineral .....	-	-	-	-	-	-	-	-	-	-
Pile drivers, tamping machinery .....	-	-	-	-	-	-	-	-	-	-
Construction, logging, and mining machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Heating, cooling, and cleaning machinery and appliances .....	1.3	0.7	-	0.4	-	-	-	-	-	-
Heating, cooling, and cleaning machinery and appliances, unspecified .....	-	-	-	-	-	-	-	-	-	-
Cooling and humidifying machinery and appliances .....	0.5	0.3	-	0.1	-	-	-	-	-	-
Cooling and humidifying machinery and appliances, unspecified .....	-	-	-	-	-	-	-	-	-	-
Air conditioning units .....	0.2	0.1	-	-	-	-	-	-	-	-
Fans, blowers—wall, floor, ceiling, ventilation .....	-	-	-	-	-	-	-	-	-	-
Refrigerators, freezers, ice makers .....	0.2	0.1	-	-	-	-	-	-	-	-
Cooling and humidifying machinery and appliances, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Heating and cooking machinery and appliances .....	0.4	0.2	-	0.3	-	-	-	-	-	-
Heating and cooking machinery and appliances, unspecified .....	-	-	-	-	-	-	-	-	-	-
Beverage heating and percolating equipment and appliances .....	-	-	-	-	-	-	-	-	-	-
Broiling and frying equipment and appliances .....	-	-	-	-	-	-	-	-	-	-
Fabric pressers and ironing appliances .....	-	-	-	0.1	-	-	-	-	-	-
Furnaces, heaters .....	0.2	0.1	-	-	-	-	-	-	-	-
Kilns .....	-	-	-	-	-	-	-	-	-	-
Ranges, cooking ovens, grills, toasters, food warmers .....	0.1	0.1	-	0.2	-	-	-	-	-	-
Steaming equipment and appliances .....	-	-	-	-	-	-	-	-	-	-
Heating and cooking machinery and appliances, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Washers, dryers, and cleaning machinery and appliances .....	0.4	0.2	-	-	-	-	-	-	-	-
Washers, dryers, and cleaning machinery and appliances, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Car or vehicle washing machinery .....	-	-	-	-	-	-	-	-	-	-
Clothes dryers .....	-	-	-	-	-	-	-	-	-	-
Clothes washers .....	0.1	-	-	-	-	-	-	-	-	-
Dish washers .....	-	-	-	-	-	-	-	-	-	-
Hair and hand dryers .....	-	-	-	-	-	-	-	-	-	-
Vacuum cleaners .....	0.2	-	-	-	-	-	-	-	-	-
Washers, dryers, and cleaning machinery and appliances, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Heating, cooling, and cleaning machinery and appliances, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Material handling machinery .....	0.7	0.2	-	-	-	-	-	-	-	-
Material handling machinery, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Conveyors—gravity .....	0.1	-	-	-	-	-	-	-	-	-
Conveyors—gravity, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chutes .....	-	-	-	-	-	-	-	-	-	-
Conveyors—roller .....	-	-	-	-	-	-	-	-	-	-
Conveyors—wheel .....	-	-	-	-	-	-	-	-	-	-
Conveyors—powered .....	0.1	-	-	-	-	-	-	-	-	-
Conveyors—powered, unspecified .....	-	-	-	-	-	-	-	-	-	-
Conveyors—belt .....	-	-	-	-	-	-	-	-	-	-
Conveyors—bucket, cup .....	-	-	-	-	-	-	-	-	-	-
Conveyors—chain .....	-	-	-	-	-	-	-	-	-	-
Conveyors—live roller .....	-	-	-	-	-	-	-	-	-	-
Conveyors—screw, auger .....	-	-	-	-	-	-	-	-	-	-
Conveyors—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Cranes .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Cranes, unspecified	3430	0.1	0.1	-	-	-	-	-	-
Cranes—gantry	3432	-	-	-	-	-	-	-	-
Cranes—mobile, truck, rail mounted	3434	-	-	-	-	-	-	-	-
Cranes—monorail and underhung	3435	-	-	-	-	-	-	-	-
Cranes—overhead	3436	-	-	-	-	-	-	-	-
Storage and retrieval hoist systems	3438	-	-	-	-	-	-	-	-
Cranes, n.e.c.	3439	-	-	-	-	-	-	-	-
Overhead hoists	344	0.2	0.1	-	-	-	-	-	-
Overhead hoists, unspecified	3440	0.1	0.1	-	-	-	-	-	-
Overhead hoists—electric powered	3441	-	-	-	-	-	-	-	-
Overhead hoists—manual	3442	-	-	-	-	-	-	-	-
Overhead hoists, n.e.c.	3449	-	-	-	-	-	-	-	-
Derricks	345	-	-	-	-	-	-	-	-
Derricks, unspecified	3450	-	-	-	-	-	-	-	-
Elevators	346	0.5	0.4	0.2	-	0.2	-	-	-
Elevators, unspecified	3460	0.2	0.2	0.1	-	0.1	-	-	-
Bucket or basket hoist—truck mounted	3461	-	-	-	-	-	-	-	-
Dumbwaiters	3462	-	-	-	-	-	-	-	-
Elevators—electric	3463	-	-	-	-	-	-	-	-
Elevators—hydraulic	3464	-	-	-	-	-	-	-	-
Elevators—hand operated	3465	-	-	-	-	-	-	-	-
Manlifts	3466	0.1	0.1	-	-	-	-	-	-
Elevators, n.e.c.	3469	-	-	-	-	-	-	-	-
Jacks	347	1.1	0.8	0.4	0.1	0.2	-	-	-
Jacks, unspecified	3470	0.5	0.4	0.2	-	0.1	-	-	-
Jacks—hydraulic	3471	0.1	0.1	-	-	-	-	-	-
Jacks—mechanical	3472	0.1	0.1	0.1	-	-	-	-	-
Jacks—pneumatic	3473	-	-	-	-	-	-	-	-
Jacks, n.e.c.	3479	0.4	0.2	0.1	-	0.1	-	-	-
Other material handling machinery	349	0.1	0.1	-	-	-	-	-	-
Winders, unwinders	3491	-	-	-	-	-	-	-	-
Material handling machinery, n.e.c.	3499	0.1	-	-	-	-	-	-	-
Metal, woodworking, and special material machinery	35	3.9	3.2	0.4	1.0	1.8	-	-	-
Metal, woodworking, and special material machinery, unspecified	350	0.2	0.2	-	-	0.1	-	-	-
Bending, rolling, shaping machinery	351	0.3	0.3	-	-	0.2	-	-	-
Bending, rolling, shaping machinery, unspecified	3510	-	-	-	-	-	-	-	-
Bending, crimping machines	3511	0.1	-	-	-	-	-	-	-
Shearing machines	3512	0.1	0.1	-	-	0.1	-	-	-
Rolling mills, rolling, calendaring machinery	3513	0.1	0.1	-	-	-	-	-	-
Bending, rolling, shaping machinery, n.e.c.	3519	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery	352	0.4	0.3	-	0.1	0.2	-	-	-
Boring, drilling, planing, milling machinery, unspecified	3520	-	-	-	-	-	-	-	-
Drills—stationary	3521	0.2	0.1	-	-	0.1	-	-	-
Planing machines	3522	-	-	-	-	-	-	-	-
Milling machines	3523	0.1	0.1	-	-	-	-	-	-
Reaming machines	3524	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, n.e.c.	3529	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery	353	0.4	0.2	-	-	0.1	-	-	-
Extruding, injecting, forming, molding machinery, unspecified	3530	0.1	-	-	-	-	-	-	-
Casting machinery	3531	0.1	0.1	-	-	-	-	-	-
Extruding machinery	3532	-	-	-	-	-	-	-	-
Forging machinery	3533	0.1	-	-	-	-	-	-	-
Plastic injection molding machinery	3534	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery, n.e.c.	3539	-	-	-	-	-	-	-	-
Grinding, polishing machinery	354	0.5	0.4	0.1	0.1	0.2	-	-	-
Grinding, polishing machinery, unspecified	3540	0.2	0.2	-	-	0.1	-	-	-
Grinders, abraders	3541	0.2	0.2	-	0.1	0.1	-	-	-
Honing, polishing, lapping machinery	3542	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Cranes, unspecified	-	-	-	-	-	-	-	-	-	-
Cranes—gantry	-	-	-	-	-	-	-	-	-	-
Cranes—mobile, truck, rail mounted	-	-	-	-	-	-	-	-	-	-
Cranes—monorail and underhung	-	-	-	-	-	-	-	-	-	-
Cranes—overhead	-	-	-	-	-	-	-	-	-	-
Storage and retrieval hoist systems	-	-	-	-	-	-	-	-	-	-
Cranes, n.e.c.	-	-	-	-	-	-	-	-	-	-
Overhead hoists	0.1	-	-	-	-	-	-	-	-	-
Overhead hoists, unspecified	-	-	-	-	-	-	-	-	-	-
Overhead hoists—electric powered	-	-	-	-	-	-	-	-	-	-
Overhead hoists—manual	-	-	-	-	-	-	-	-	-	-
Overhead hoists, n.e.c.	-	-	-	-	-	-	-	-	-	-
Derricks	-	-	-	-	-	-	-	-	-	-
Derricks, unspecified	-	-	-	-	-	-	-	-	-	-
Elevators	-	-	-	-	-	-	-	-	-	-
Elevators, unspecified	-	-	-	-	-	-	-	-	-	-
Bucket or basket hoist—truck mounted	-	-	-	-	-	-	-	-	-	-
Dumbwaiters	-	-	-	-	-	-	-	-	-	-
Elevators—electric	-	-	-	-	-	-	-	-	-	-
Elevators—hydraulic	-	-	-	-	-	-	-	-	-	-
Elevators—hand operated	-	-	-	-	-	-	-	-	-	-
Manlifts	-	-	-	-	-	-	-	-	-	-
Elevators, n.e.c.	-	-	-	-	-	-	-	-	-	-
Jacks	0.3	-	-	-	-	-	-	-	-	-
Jacks, unspecified	0.1	-	-	-	-	-	-	-	-	-
Jacks—hydraulic	-	-	-	-	-	-	-	-	-	-
Jacks—mechanical	-	-	-	-	-	-	-	-	-	-
Jacks—pneumatic	-	-	-	-	-	-	-	-	-	-
Jacks, n.e.c.	0.1	-	-	-	-	-	-	-	-	-
Other material handling machinery	-	-	-	-	-	-	-	-	-	-
Winders, unwinders	-	-	-	-	-	-	-	-	-	-
Material handling machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Metal, woodworking, and special material machinery	0.4	0.1	-	0.2	-	-	-	-	-	-
Metal, woodworking, and special material machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery	-	-	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Bending, crimping machines	-	-	-	-	-	-	-	-	-	-
Shearing machines	-	-	-	-	-	-	-	-	-	-
Rolling mills, rolling, calendaring machinery	-	-	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery	-	-	-	-	-	-	-	-	-	-
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	0.1	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Casting machinery	-	-	-	-	-	-	-	-	-	-
Extruding machinery	-	-	-	-	-	-	-	-	-	-
Forging machinery	-	-	-	-	-	-	-	-	-	-
Plastic injection molding machinery	-	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery, n.e.c.	-	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery	0.1	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery, unspecified	-	-	-	-	-	-	-	-	-	-
Grinders, abraders	-	-	-	-	-	-	-	-	-	-
Honing, polishing, lapping machinery	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Grinding, polishing machinery, n.e.c. ....	3549	0.1	—	—	—	—	—	—	—
Lathes .....	355	0.2	0.1	—	—	0.1	—	—	—
Lathes, unspecified .....	3550	0.1	0.1	—	—	—	—	—	—
Metalworking lathes .....	3551	—	—	—	—	—	—	—	—
Woodworking lathes .....	3552	—	—	—	—	—	—	—	—
Lathes, n.e.c. ....	3559	—	—	—	—	—	—	—	—
Presses, except printing .....	356	0.6	0.5	—	0.1	0.4	—	—	—
Presses, except printing, unspecified .....	3560	0.3	0.2	—	—	0.2	—	—	—
Assembly presses .....	3561	—	—	—	—	—	—	—	—
Brake presses .....	3562	0.1	0.1	—	—	0.1	—	—	—
Punch presses .....	3563	0.1	0.1	—	—	0.1	—	—	—
Presses, except printing, n.e.c. ....	3569	0.1	0.1	—	—	0.1	—	—	—
Sawing machinery—stationary .....	357	1.0	1.0	0.1	0.5	0.3	—	—	—
Sawing machinery—stationary, unspecified ..	3570	0.3	0.3	—	0.2	0.1	—	—	—
Arm saws, radial arm saws .....	3571	—	—	—	—	—	—	—	—
Band saws .....	3572	0.2	0.2	—	0.1	0.1	—	—	—
Table saws .....	3573	0.3	0.3	—	0.2	0.1	—	—	—
Sawing machinery—stationary, n.e.c. ....	3579	0.2	0.1	—	0.1	0.1	—	—	—
Threading and tapping machines .....	358	—	—	—	—	—	—	—	—
Other metal, woodworking, and special material machinery .....	359	0.4	0.2	—	—	0.1	—	—	—
Laser cutting machinery .....	3592	—	—	—	—	—	—	—	—
Spot welding machinery .....	3594	0.2	0.1	—	—	—	—	—	—
Metal, woodworking, and special material machinery, n.e.c. ....	3599	0.1	0.1	—	—	0.1	—	—	—
Office and business machinery .....	36	0.6	0.2	0.1	0.1	—	—	—	—
Office and business machinery, unspecified .....	360	—	—	—	—	—	—	—	—
Electronic computers and peripheral equipment .....	361	0.3	—	—	—	—	—	—	—
Electronic computers and peripheral equipment, unspecified .....	3610	—	—	—	—	—	—	—	—
Cathode ray tubes (CRTs) and video display terminals (VDTs) .....	3611	—	—	—	—	—	—	—	—
Computers—electronic .....	3612	0.1	—	—	—	—	—	—	—
Keyboards—computer .....	3613	—	—	—	—	—	—	—	—
Optical scanners .....	3614	—	—	—	—	—	—	—	—
Printers and plotters—computer .....	3615	0.1	—	—	—	—	—	—	—
Electronic computers and peripheral equipment, n.e.c. ....	3619	—	—	—	—	—	—	—	—
Office, banking, and retail machinery .....	362	0.3	0.1	—	—	—	—	—	—
Office, banking, and retail machinery, unspecified .....	3620	—	—	—	—	—	—	—	—
Calculating machines and cash registers .....	3622	0.1	—	—	—	—	—	—	—
Mailing and metering machines .....	3624	—	—	—	—	—	—	—	—
Photocopiers .....	3625	0.1	—	—	—	—	—	—	—
Typewriters and word processing equipment .....	3626	—	—	—	—	—	—	—	—
Office, banking, and retail machinery, n.e.c. ....	3629	—	—	—	—	—	—	—	—
Special process machinery .....	37	3.7	3.0	0.4	1.0	1.5	—	—	—
Special process machinery, unspecified .....	370	—	—	—	—	—	—	—	—
Food and beverage processing machinery—specialized .....	371	1.5	1.4	0.2	0.7	0.5	—	—	—
Food and beverage processing machinery—specialized, unspecified .....	3710	0.1	—	—	—	—	—	—	—
Food slicers .....	3711	1.0	1.0	0.1	0.6	0.3	—	—	—
Juice, oil, fat extractors .....	3712	—	—	—	—	—	—	—	—
Meat grinders .....	3713	—	—	—	—	—	—	—	—
Mixers, blenders, whippers—food and beverage .....	3714	0.1	0.1	—	—	—	—	—	—
Food and beverage processing machinery—specialized, n.e.c. ....	3719	0.2	0.2	—	0.1	0.1	—	—	—
Medical, surgical, and X-ray machinery and equipment .....	372	0.2	0.1	—	—	—	—	—	—
Medical, surgical, and X-ray machinery and equipment, unspecified .....	3720	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Grinding, polishing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Lathes .....	-	-	-	-	-	-	-	-	-	-
Lathes, unspecified .....	-	-	-	-	-	-	-	-	-	-
Metalworking lathes .....	-	-	-	-	-	-	-	-	-	-
Woodworking lathes .....	-	-	-	-	-	-	-	-	-	-
Lathes, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Presses, except printing .....	0.1	-	-	-	-	-	-	-	-	-
Presses, except printing, unspecified .....	-	-	-	-	-	-	-	-	-	-
Assembly presses .....	-	-	-	-	-	-	-	-	-	-
Brake presses .....	-	-	-	-	-	-	-	-	-	-
Punch presses .....	-	-	-	-	-	-	-	-	-	-
Presses, except printing, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Sawing machinery—stationary .....	-	-	-	-	-	-	-	-	-	-
Sawing machinery—stationary, unspecified ..	-	-	-	-	-	-	-	-	-	-
Arm saws, radial arm saws .....	-	-	-	-	-	-	-	-	-	-
Band saws .....	-	-	-	-	-	-	-	-	-	-
Table saws .....	-	-	-	-	-	-	-	-	-	-
Sawing machinery—stationary, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Threading and tapping machines .....	-	-	-	-	-	-	-	-	-	-
Other metal, woodworking, and special material machinery .....	0.1	-	-	0.1	-	-	-	-	-	-
Laser cutting machinery .....	-	-	-	-	-	-	-	-	-	-
Spot welding machinery .....	-	-	-	0.1	-	-	-	-	-	-
Metal, woodworking, and special material machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Office and business machinery .....	0.4	0.2	-	-	-	-	-	-	-	-
Office and business machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Electronic computers and peripheral equipment .....	0.3	0.2	-	-	-	-	-	-	-	-
Electronic computers and peripheral equipment, unspecified .....	-	-	-	-	-	-	-	-	-	-
Cathode ray tubes (CRTs) and video display terminals (VDTs) .....	-	-	-	-	-	-	-	-	-	-
Computers—electronic .....	0.1	0.1	-	-	-	-	-	-	-	-
Keyboards—computer .....	-	-	-	-	-	-	-	-	-	-
Optical scanners .....	-	-	-	-	-	-	-	-	-	-
Printers and plotters—computer .....	-	-	-	-	-	-	-	-	-	-
Electronic computers and peripheral equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Office, banking, and retail machinery .....	0.1	0.1	-	-	-	-	-	-	-	-
Office, banking, and retail machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Calculating machines and cash registers .....	-	-	-	-	-	-	-	-	-	-
Mailing and metering machines .....	-	-	-	-	-	-	-	-	-	-
Photocopiers .....	0.1	-	-	-	-	-	-	-	-	-
Typewriters and word processing equipment .....	-	-	-	-	-	-	-	-	-	-
Office, banking, and retail machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Special process machinery .....	0.5	0.2	-	0.1	-	-	-	-	-	-
Special process machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Food and beverage processing machinery—specialized .....	0.1	-	-	-	-	-	-	-	-	-
Food and beverage processing machinery—specialized, unspecified .....	-	-	-	-	-	-	-	-	-	-
Food slicers .....	-	-	-	-	-	-	-	-	-	-
Juice, oil, fat extractors .....	-	-	-	-	-	-	-	-	-	-
Meat grinders .....	-	-	-	-	-	-	-	-	-	-
Mixers, blenders, whippers—food and beverage .....	-	-	-	-	-	-	-	-	-	-
Food and beverage processing machinery—specialized, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment .....	0.1	-	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment, unspecified .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Medical machinery and equipment, except X-ray	3721	-	-	-	-	-	-	-	-
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment	3722	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment, n.e.c.	3729	0.1	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery	373	0.4	0.3	-	0.1	0.2	-	-	-
Packaging, bottling, wrapping machinery, unspecified	3730	0.1	0.1	-	-	-	-	-	-
Bottling, canning, filling machinery	3731	-	-	-	-	-	-	-	-
Packaging, wrapping, bundling machinery	3732	0.2	0.1	-	-	0.1	-	-	-
Product labeling machinery	3733	-	-	-	-	-	-	-	-
Sealing, stapling machinery	3734	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery, n.e.c.	3739	0.1	-	-	-	-	-	-	-
Paper production machinery	374	0.2	0.1	-	-	0.1	-	-	-
Paper production machinery, unspecified	3740	-	-	-	-	-	-	-	-
Coaters—paper production	3742	-	-	-	-	-	-	-	-
Slitters, winders—paper production	3745	-	-	-	-	-	-	-	-
Paper production machinery, n.e.c.	3749	-	-	-	-	-	-	-	-
Printing machinery and equipment	375	0.4	0.4	-	0.1	0.3	-	-	-
Printing machinery and equipment, unspecified	3750	0.1	-	-	-	-	-	-	-
Bindery machinery	3751	-	-	-	-	-	-	-	-
Presses—printing	3753	0.2	0.2	-	-	0.2	-	-	-
Printing machinery and equipment, n.e.c.	3759	0.1	0.1	-	-	-	-	-	-
Textile, apparel, leather production machinery	376	0.5	0.4	-	0.1	0.3	-	-	-
Textile, apparel, leather production machinery, unspecified	3760	-	-	-	-	-	-	-	-
Dyeing machinery—textile	3761	-	-	-	-	-	-	-	-
Knitting machinery	3762	-	-	-	-	-	-	-	-
Picking, carding, combing machinery	3763	-	-	-	-	-	-	-	-
Sewing, stitching machinery	3764	0.3	0.2	-	0.1	0.1	-	-	-
Spinning machinery	3765	-	-	-	-	-	-	-	-
Weaving machinery	3766	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery, n.e.c.	3769	0.1	0.1	-	-	-	-	-	-
Other special process machinery	379	0.4	0.2	0.1	-	0.1	-	-	-
Other special process machinery, unspecified	3790	-	-	-	-	-	-	-	-
Paint mixing machinery	3795	-	-	-	-	-	-	-	-
Painting, priming, metal coating machinery	3796	-	-	-	-	-	-	-	-
Pumps	3797	0.3	0.1	-	-	-	-	-	-
Special process machinery, n.e.c.	3799	0.1	0.1	-	-	0.1	-	-	-
Miscellaneous machinery	39	2.3	1.3	0.3	0.3	0.7	-	0.1	-
Audio and video equipment	391	0.4	0.1	0.1	-	-	-	-	-
Audio and video equipment, unspecified	3910	-	-	-	-	-	-	-	-
Radios, stereos, and other audio equipment	3911	-	-	-	-	-	-	-	-
Telephones and communication equipment	3912	-	-	-	-	-	-	-	-
Televisions	3913	0.2	-	-	-	-	-	-	-
Video players and recorders—tape and disk	3914	-	-	-	-	-	-	-	-
Audio and video equipment, n.e.c.	3919	-	-	-	-	-	-	-	-
Product assembly machinery, n.e.c.	392	-	-	-	-	-	-	-	-
Product testing, inspecting, and diagnostic machinery, n.e.c.	393	-	-	-	-	-	-	-	-
Other machinery	399	1.8	1.1	0.2	0.3	0.7	-	0.1	-
Other machinery, unspecified	3990	-	-	-	-	-	-	-	-
Air compressors	3991	0.3	0.1	-	-	-	-	-	-
Garbage disposals	3992	-	-	-	-	-	-	-	-
Snowblowers	3994	-	-	-	-	-	-	-	-
Snow plows	3995	-	-	-	-	-	-	-	-
Street sweeping and cleaning machinery	3996	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Medical machinery and equipment, except X-ray .....	-	-	-	-	-	-	-	-	-	-
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment .....	-	-	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery .....	-	-	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bottling, canning, filling machinery .....	-	-	-	-	-	-	-	-	-	-
Packaging, wrapping, bundling machinery ....	-	-	-	-	-	-	-	-	-	-
Product labeling machinery .....	-	-	-	-	-	-	-	-	-	-
Sealing, stapling machinery .....	-	-	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Paper production machinery .....	-	-	-	-	-	-	-	-	-	-
Paper production machinery, unspecified ....	-	-	-	-	-	-	-	-	-	-
Coaters—paper production .....	-	-	-	-	-	-	-	-	-	-
Slitters, winders—paper production .....	-	-	-	-	-	-	-	-	-	-
Paper production machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Printing machinery and equipment .....	-	-	-	-	-	-	-	-	-	-
Printing machinery and equipment, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bindery machinery .....	-	-	-	-	-	-	-	-	-	-
Presses—printing .....	-	-	-	-	-	-	-	-	-	-
Printing machinery and equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery ..	0.1	-	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Dyeing machinery—textile .....	-	-	-	-	-	-	-	-	-	-
Knitting machinery .....	-	-	-	-	-	-	-	-	-	-
Picking, carding, combing machinery .....	-	-	-	-	-	-	-	-	-	-
Sewing, stitching machinery .....	-	-	-	-	-	-	-	-	-	-
Spinning machinery .....	-	-	-	-	-	-	-	-	-	-
Weaving machinery .....	-	-	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other special process machinery .....	0.2	0.1	-	-	-	-	-	-	-	-
Other special process machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Paint mixing machinery .....	-	-	-	-	-	-	-	-	-	-
Painting, priming, metal coating machinery ...	-	-	-	-	-	-	-	-	-	-
Pumps .....	0.2	0.1	-	-	-	-	-	-	-	-
Special process machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Miscellaneous machinery .....	0.8	0.4	-	-	-	-	-	-	-	-
Audio and video equipment .....	0.3	0.2	-	-	-	-	-	-	-	-
Audio and video equipment, unspecified .....	-	-	-	-	-	-	-	-	-	-
Radios, stereos, and other audio equipment .....	-	-	-	-	-	-	-	-	-	-
Telephones and communication equipment .....	-	-	-	-	-	-	-	-	-	-
Televisions .....	0.2	0.2	-	-	-	-	-	-	-	-
Video players and recorders—tape and disk .....	-	-	-	-	-	-	-	-	-	-
Audio and video equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Product assembly machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Product testing, inspecting, and diagnostic machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other machinery .....	0.5	0.2	-	-	-	-	-	-	-	-
Other machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Air compressors .....	0.2	0.1	-	-	-	-	-	-	-	-
Garbage disposals .....	-	-	-	-	-	-	-	-	-	-
Snowblowers .....	-	-	-	-	-	-	-	-	-	-
Snow plows .....	-	-	-	-	-	-	-	-	-	-
Street sweeping and cleaning machinery .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Trash compactors .....	3997	0.1	—	—	—	—	—	—	—
Vending machines .....	3998	0.1	—	—	—	—	—	—	—
Machinery, n.e.c. ....	3999	1.3	1.0	0.1	0.2	0.6	—	—	—
<b>Parts and materials</b> .....	<b>4</b>	<b>31.6</b>	<b>15.8</b>	<b>9.1</b>	<b>4.6</b>	<b>1.7</b>	<b>0.1</b>	<b>0.6</b>	<b>0.1</b>
Parts and materials, unspecified .....	40	2.1	0.6	0.4	0.1	0.1	—	—	—
Building materials—solid elements .....	41	13.2	7.0	4.3	1.9	0.6	0.1	0.4	0.1
Building materials—solid elements, unspecified .....	410	0.1	—	—	—	—	—	—	—
Bricks, blocks, structural stone .....	411	1.0	0.4	0.3	0.1	—	—	—	—
Bricks, blocks, structural stone, unspecified ..	4110	0.2	0.1	0.1	—	—	—	—	—
Bricks and pavers .....	4111	0.1	—	—	—	—	—	—	—
Concrete blocks, cinder blocks .....	4112	0.5	0.2	0.1	—	—	—	—	—
Structural stones or slabs, n.e.c. ....	4113	0.1	—	—	—	—	—	—	—
Bricks, blocks, structural stone, n.e.c. ....	4119	0.1	—	—	—	—	—	—	—
Pipes, ducts, tubing .....	412	2.2	1.2	0.7	0.3	0.2	—	0.1	—
Pipes, ducts, tubing, unspecified .....	4120	0.9	0.4	0.2	0.1	0.1	—	—	—
Concrete or clay pipes and conduits .....	4121	0.1	—	—	—	—	—	—	—
Ducts .....	4122	0.1	—	—	—	—	—	—	—
Metal pipe, tubing .....	4123	0.6	0.4	0.2	0.1	—	—	—	—
Pipe fittings .....	4124	0.1	—	—	—	—	—	—	—
Plastic or rubber pipe and tubing .....	4125	0.1	—	—	—	—	—	—	—
Pipes, ducts, tubing, n.e.c. ....	4129	0.3	0.2	0.1	—	—	—	—	—
Structural metal materials .....	413	5.1	3.0	1.6	1.0	0.3	—	0.2	—
Structural metal materials, unspecified .....	4130	0.5	0.2	0.1	0.1	—	—	—	—
Angle iron .....	4131	0.2	0.1	0.1	—	—	—	—	—
Bars, rods, reinforcing bar (rebar) .....	4132	0.9	0.6	0.4	0.2	—	—	—	—
Beams .....	4133	0.7	0.5	0.2	0.2	—	—	—	—
Grates .....	4134	0.2	0.1	—	—	—	—	—	—
Plates, metal panels .....	4135	0.8	0.4	0.3	0.1	—	—	—	—
Rails .....	4136	0.3	0.2	—	0.1	—	—	—	—
Sheet metal .....	4137	0.6	0.4	0.2	0.2	—	—	—	—
Structural metal materials, n.e.c. ....	4139	0.8	0.5	0.3	0.2	—	—	—	—
Tiles, shingles .....	414	0.3	0.1	0.1	—	—	—	—	—
Tiles, shingles, unspecified .....	4140	—	—	—	—	—	—	—	—
Ceiling tiles .....	4141	0.1	0.1	—	—	—	—	—	—
Ceramic or stone tiles—drain, roof, multipurpose .....	4142	0.1	—	—	—	—	—	—	—
Roof shingles, except tile .....	4143	0.1	—	—	—	—	—	—	—
Vinyl floor tiles .....	4144	—	—	—	—	—	—	—	—
Tiles, shingles, n.e.c. ....	4149	—	—	—	—	—	—	—	—
Wood, lumber .....	415	3.5	1.8	1.2	0.3	0.2	—	0.1	—
Wood, lumber, unspecified .....	4150	1.0	0.5	0.3	0.1	0.1	—	—	—
Dimensional lumber: 2x4, 2x3, etc. ....	4151	1.3	0.7	0.5	0.1	0.1	—	—	—
Plywood; wood paneling: particle, chip, flake board .....	4152	0.5	0.2	0.2	—	—	—	—	—
Wood pieces, trim pieces, n.e.c. ....	4153	0.1	0.1	0.1	—	—	—	—	—
Wood, lumber, n.e.c. ....	4159	0.5	0.2	0.2	—	—	—	—	—
Other building materials—solid elements .....	419	1.2	0.6	0.3	0.2	—	—	—	—
Other building materials—solid elements, unspecified .....	4190	—	—	—	—	—	—	—	—
Fencing and screening materials, n.e.c. ....	4191	—	—	—	—	—	—	—	—
Flashing .....	4192	—	—	—	—	—	—	—	—
Glass, window panes .....	4193	0.4	0.3	0.2	0.1	—	—	—	—
Gutters, downspouts .....	4194	—	—	—	—	—	—	—	—
Siding—aluminum, vinyl .....	4196	—	—	—	—	—	—	—	—
Structural hardware, n.e.c. ....	4197	0.1	0.1	—	—	—	—	—	—
Wallboard, drywall .....	4198	0.4	0.1	0.1	—	—	—	—	—
Other building materials—solid elements, n.e.c. ....	4199	0.1	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties .....	42	3.8	3.1	1.4	1.4	0.2	—	—	—
Fasteners, connectors, ropes, ties, unspecified .....	420	—	—	—	—	—	—	—	—
Fasteners .....	421	2.3	2.1	0.8	1.2	—	—	—	—
Fasteners, unspecified .....	4210	—	—	—	—	—	—	—	—
Clamps, couplings .....	4211	0.1	0.1	0.1	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Trash compactors .....	—	—	—	—	—	—	—	—	—	—
Vending machines .....	—	—	—	—	—	—	—	—	—	—
Machinery, n.e.c. ....	0.2	0.1	—	—	—	—	—	—	—	—
<b>Parts and materials</b> .....	<b>13.4</b>	<b>8.1</b>	<b>—</b>	<b>1.1</b>	<b>—</b>	<b>0.1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0.3</b>
Parts and materials, unspecified .....	1.4	0.9	—	—	—	—	—	—	—	—
Building materials—solid elements .....	5.4	3.4	—	0.1	—	—	—	—	—	0.2
Building materials—solid elements, unspecified .....	0.1	0.1	—	—	—	—	—	—	—	—
Bricks, blocks, structural stone .....	0.5	0.3	—	—	—	—	—	—	—	—
Bricks, blocks, structural stone, unspecified ..	0.1	0.1	—	—	—	—	—	—	—	—
Bricks and pavers .....	—	—	—	—	—	—	—	—	—	—
Concrete blocks, cinder blocks .....	0.2	0.2	—	—	—	—	—	—	—	—
Structural stones or slabs, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Bricks, blocks, structural stone, n.e.c. ....	0.1	—	—	—	—	—	—	—	—	—
Pipes, ducts, tubing .....	0.8	0.5	—	0.1	—	—	—	—	—	—
Pipes, ducts, tubing, unspecified .....	0.4	0.2	—	—	—	—	—	—	—	—
Concrete or clay pipes and conduits .....	0.1	—	—	—	—	—	—	—	—	—
Ducts .....	—	—	—	—	—	—	—	—	—	—
Metal pipe, tubing .....	0.2	0.2	—	—	—	—	—	—	—	—
Pipe fittings .....	—	—	—	—	—	—	—	—	—	—
Plastic or rubber pipe and tubing .....	—	—	—	—	—	—	—	—	—	—
Pipes, ducts, tubing, n.e.c. ....	0.1	—	—	—	—	—	—	—	—	—
Structural metal materials .....	1.8	1.1	—	—	—	—	—	—	—	—
Structural metal materials, unspecified .....	0.2	0.2	—	—	—	—	—	—	—	—
Angle iron .....	0.1	—	—	—	—	—	—	—	—	—
Bars, rods, reinforcing bar (rebar) .....	0.3	0.2	—	—	—	—	—	—	—	—
Beams .....	0.2	0.1	—	—	—	—	—	—	—	—
Grates .....	—	—	—	—	—	—	—	—	—	—
Plates, metal panels .....	0.4	0.3	—	—	—	—	—	—	—	—
Rails .....	0.1	—	—	—	—	—	—	—	—	—
Sheet metal .....	0.2	0.1	—	—	—	—	—	—	—	—
Structural metal materials, n.e.c. ....	0.3	0.2	—	—	—	—	—	—	—	—
Tiles, shingles .....	0.2	0.1	—	—	—	—	—	—	—	—
Tiles, shingles, unspecified .....	—	—	—	—	—	—	—	—	—	—
Ceiling tiles .....	—	—	—	—	—	—	—	—	—	—
Ceramic or stone tiles—drain, roof, multipurpose .....	—	—	—	—	—	—	—	—	—	—
Roof shingles, except tile .....	0.1	—	—	—	—	—	—	—	—	—
Vinyl floor tiles .....	—	—	—	—	—	—	—	—	—	—
Tiles, shingles, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Wood, lumber .....	1.5	0.9	—	—	—	—	—	—	—	—
Wood, lumber, unspecified .....	0.5	0.3	—	—	—	—	—	—	—	—
Dimensional lumber: 2x4, 2x3, etc. ....	0.5	0.4	—	—	—	—	—	—	—	—
Plywood; wood paneling; particle, chip, flake board .....	0.3	0.2	—	—	—	—	—	—	—	—
Wood pieces, trim pieces, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Wood, lumber, n.e.c. ....	0.2	0.1	—	—	—	—	—	—	—	—
Other building materials—solid elements .....	0.6	0.4	—	—	—	—	—	—	—	—
Other building materials—solid elements, unspecified .....	—	—	—	—	—	—	—	—	—	—
Fencing and screening materials, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Flashing .....	—	—	—	—	—	—	—	—	—	—
Glass, window panes .....	0.1	0.1	—	—	—	—	—	—	—	—
Gutters, downspouts .....	—	—	—	—	—	—	—	—	—	—
Siding—aluminum, vinyl .....	—	—	—	—	—	—	—	—	—	—
Structural hardware, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Wallboard, drywall .....	0.3	0.2	—	—	—	—	—	—	—	—
Other building materials—solid elements, n.e.c. ....	0.1	—	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties .....	0.6	0.1	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties, unspecified .....	—	—	—	—	—	—	—	—	—	—
Fasteners .....	0.1	—	—	—	—	—	—	—	—	—
Fasteners, unspecified .....	—	—	—	—	—	—	—	—	—	—
Clamps, couplings .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Nails, brads, tacks .....	4212	1.5	1.4	0.4	1.0	-	-	-	
Nuts, bolts, washers .....	4213	0.2	0.1	-	-	-	-	-	
Rivets .....	4214	-	-	-	-	-	-	-	
Screws .....	4215	0.1	0.1	-	-	-	-	-	
Spikes .....	4216	-	-	-	-	-	-	-	
Staples .....	4217	0.2	0.2	0.2	-	-	-	-	
Fasteners, n.e.c. ....	4219	0.1	0.1	-	-	-	-	-	
Ropes, ties .....	422	1.3	0.9	0.6	0.2	0.1	-	-	
Ropes, ties, unspecified .....	4220	0.1	-	-	-	-	-	-	
Bands .....	4221	0.2	0.1	0.1	-	-	-	-	
Bungee cords .....	4222	-	-	-	-	-	-	-	
Chains, n.e.c. ....	4223	0.3	0.2	0.1	-	0.1	-	-	
Rope, twine, string .....	4224	0.1	-	-	-	-	-	-	
Strapping .....	4225	0.1	0.1	0.1	-	-	-	-	
Wire—nonelectrical .....	4226	0.4	0.3	0.2	0.1	-	-	-	
Ropes, ties, n.e.c. ....	4229	0.1	0.1	-	-	-	-	-	
Valves, nozzles .....	423	0.2	0.1	-	-	-	-	-	
Fasteners, connectors, ropes, ties, n.e.c. ....	429	-	-	-	-	-	-	-	
Hoisting accessories .....	43	0.3	0.2	0.1	-	-	-	-	
Hoisting accessories, unspecified .....	430	-	-	-	-	-	-	-	
Fixtures, load indicators .....	431	-	-	-	-	-	-	-	
Hooks, shackles, magnets, clamshells .....	432	0.2	0.2	0.1	-	-	-	-	
Slings .....	433	-	-	-	-	-	-	-	
Hoisting accessories, n.e.c. ....	439	-	-	-	-	-	-	-	
Machine, tool, and electric parts .....	44	4.1	1.8	1.0	0.3	0.4	-	-	
Machine, tool, and electric parts, unspecified ....	440	0.1	-	-	-	-	-	-	
Electric parts .....	441	1.3	0.3	0.2	0.1	-	-	-	
Electric parts, unspecified .....	4410	0.1	-	-	-	-	-	-	
Electrical wiring .....	4411	0.5	0.1	0.1	-	-	-	-	
Generators .....	4412	0.1	-	-	-	-	-	-	
Magnetic and electrolytic apparatus .....	4413	-	-	-	-	-	-	-	
Motors .....	4414	0.2	0.1	-	-	-	-	-	
Power lines, transformers, convertors .....	4415	0.1	-	-	-	-	-	-	
Relays, rheostats, starters, controls .....	4416	-	-	-	-	-	-	-	
Switchboards, switches, fuses .....	4417	0.1	-	-	-	-	-	-	
Electric parts, n.e.c. ....	4419	0.2	-	-	-	-	-	-	
Machine and appliance parts .....	442	2.3	1.1	0.6	0.2	0.3	-	-	
Machine and appliance parts, unspecified ....	4420	0.2	0.1	-	-	-	-	-	
Dies, molds, patterns .....	4421	0.7	0.3	0.2	-	0.1	-	-	
Drives—chain, leather, fabric, vee belt .....	4422	0.1	-	-	-	-	-	-	
Drums, pulleys, sheaves .....	4423	0.4	0.2	0.1	-	-	-	-	
Engines, turbines, except vehicle .....	4424	-	-	-	-	-	-	-	
Friction clutches .....	4425	-	-	-	-	-	-	-	
Gears .....	4426	0.1	-	-	-	-	-	-	
Rollers .....	4427	0.2	0.2	-	-	0.1	-	-	
Machine and appliance parts, n.e.c. ....	4429	0.6	0.3	0.2	-	-	-	-	
Tool parts, accessories .....	443	0.2	0.2	0.1	-	-	-	-	
Tool parts, accessories, unspecified .....	4430	-	-	-	-	-	-	-	
Drill bits—unattached .....	4431	0.1	-	-	-	-	-	-	
Saw blades—unattached .....	4432	0.1	0.1	-	-	-	-	-	
Tool parts, accessories, n.e.c. ....	4439	0.1	-	-	-	-	-	-	
Machine, tool, and electric parts, n.e.c. ....	449	0.2	0.1	0.1	-	-	-	-	
Metal materials—nonstructural .....	45	1.9	1.0	0.6	0.3	0.1	-	-	
Metal materials—nonstructural, unspecified .....	450	0.6	0.3	0.2	0.1	-	-	-	
Metal sheets, ingots, bars—nonstructural .....	451	0.6	0.4	0.2	0.1	-	-	-	
Molten or hot metals, slag .....	452	0.3	-	-	-	-	-	-	
Metal materials—nonstructural, n.e.c. ....	459	0.4	0.2	0.2	0.1	-	-	-	
Tars, sealants, caulking, insulating materials .....	46	0.4	0.1	-	-	-	-	-	
Tars, sealants, caulking, insulating materials, unspecified .....	460	0.1	-	-	-	-	-	-	
Asphalt, roofing tar .....	461	0.2	-	-	-	-	-	-	
Fiberglass insulation .....	462	-	-	-	-	-	-	-	
Foam caulking, foam insulation .....	463	-	-	-	-	-	-	-	
Joint compound, patching compounds .....	464	-	-	-	-	-	-	-	
Plastic, vinyl caulking .....	465	-	-	-	-	-	-	-	
Sealants, waterprooferers, n.e.c. ....	466	-	-	-	-	-	-	-	

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Nails, brads, tacks .....	-	-	-	-	-	-	-	-	-	-
Nuts, bolts, washers .....	-	-	-	-	-	-	-	-	-	-
Rivets .....	-	-	-	-	-	-	-	-	-	-
Screws .....	-	-	-	-	-	-	-	-	-	-
Spikes .....	-	-	-	-	-	-	-	-	-	-
Staples .....	-	-	-	-	-	-	-	-	-	-
Fasteners, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Ropes, ties .....	0.3	-	-	-	-	-	-	-	-	-
Ropes, ties, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bands .....	-	-	-	-	-	-	-	-	-	-
Bungee cords .....	-	-	-	-	-	-	-	-	-	-
Chains, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Rope, twine, string .....	-	-	-	-	-	-	-	-	-	-
Strapping .....	-	-	-	-	-	-	-	-	-	-
Wire—nonelectrical .....	0.1	-	-	-	-	-	-	-	-	-
Ropes, ties, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Valves, nozzles .....	0.1	-	-	-	-	-	-	-	-	-
Fasteners, connectors, ropes, ties, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Hoisting accessories .....	0.1	-	-	-	-	-	-	-	-	-
Hoisting accessories, unspecified .....	-	-	-	-	-	-	-	-	-	-
Fixtures, load indicators .....	-	-	-	-	-	-	-	-	-	-
Hooks, shackles, magnets, clamshells .....	-	-	-	-	-	-	-	-	-	-
Slings .....	-	-	-	-	-	-	-	-	-	-
Hoisting accessories, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Machine, tool, and electric parts .....	1.9	1.0	-	0.4	-	-	-	-	-	-
Machine, tool, and electric parts, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Electric parts .....	0.6	0.3	-	0.4	-	-	-	-	-	-
Electric parts, unspecified .....	-	-	-	-	-	-	-	-	-	-
Electrical wiring .....	0.2	-	-	0.2	-	-	-	-	-	-
Generators .....	0.1	0.1	-	-	-	-	-	-	-	-
Magnetic and electrolytic apparatus .....	-	-	-	-	-	-	-	-	-	-
Motors .....	0.2	0.1	-	-	-	-	-	-	-	-
Power lines, transformers, converters .....	0.1	-	-	-	-	-	-	-	-	-
Relays, rheostats, starters, controls .....	-	-	-	-	-	-	-	-	-	-
Switchboards, switches, fuses .....	-	-	-	-	-	-	-	-	-	-
Electric parts, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Machine and appliance parts .....	1.1	0.5	-	-	-	-	-	-	-	-
Machine and appliance parts, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Dies, molds, patterns .....	0.4	0.2	-	-	-	-	-	-	-	-
Drives—chain, leather, fabric, vee belt .....	-	-	-	-	-	-	-	-	-	-
Drums, pulleys, sheaves .....	0.2	-	-	-	-	-	-	-	-	-
Engines, turbines, except vehicle .....	-	-	-	-	-	-	-	-	-	-
Friction clutches .....	-	-	-	-	-	-	-	-	-	-
Gears .....	-	-	-	-	-	-	-	-	-	-
Rollers .....	-	-	-	-	-	-	-	-	-	-
Machine and appliance parts, n.e.c. ....	0.3	0.2	-	-	-	-	-	-	-	-
Tool parts, accessories .....	0.1	-	-	-	-	-	-	-	-	-
Tool parts, accessories, unspecified .....	-	-	-	-	-	-	-	-	-	-
Drill bits—unattached .....	-	-	-	-	-	-	-	-	-	-
Saw blades—unattached .....	-	-	-	-	-	-	-	-	-	-
Tool parts, accessories, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Machine, tool, and electric parts, n.e.c. ....	0.1	0.1	-	-	-	-	-	-	-	-
Metal materials—nonstructural .....	0.6	0.4	-	0.3	-	-	-	-	-	-
Metal materials—nonstructural, unspecified .....	0.2	0.1	-	-	-	-	-	-	-	-
Metal sheets, ingots, bars—nonstructural .....	0.2	0.1	-	-	-	-	-	-	-	-
Molten or hot metals, slag .....	-	-	-	0.3	-	-	-	-	-	-
Metal materials—nonstructural, n.e.c. ....	0.1	0.1	-	-	-	-	-	-	-	-
Tars, sealants, caulking, insulating materials .....	0.1	-	-	0.2	-	-	-	-	-	-
Tars, sealants, caulking, insulating materials, unspecified .....	-	-	-	-	-	-	-	-	-	-
Asphalt, roofing tar .....	-	-	-	0.2	-	-	-	-	-	-
Fiberglass insulation .....	-	-	-	-	-	-	-	-	-	-
Foam caulking, foam insulation .....	-	-	-	-	-	-	-	-	-	-
Joint compound, patching compounds .....	-	-	-	-	-	-	-	-	-	-
Plastic, vinyl caulking .....	-	-	-	-	-	-	-	-	-	-
Sealants, waterproofer, n.e.c. ....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Tars, sealants, caulking, insulating materials, n.e.c. ....	469	—	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal .....	47	0.2	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal, unspecified .....	470	—	—	—	—	—	—	—	—
Roofing paper, roofing felt .....	471	—	—	—	—	—	—	—	—
Tarps; plastic or fabric sheeting .....	472	0.1	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal, n.e.c. ....	479	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts .....	48	4.2	1.4	0.8	0.3	0.2	—	0.1	—
Vehicle and mobile equipment parts, unspecified .....	480	0.2	0.1	—	—	—	—	—	—
Tires, inner tubes, wheels .....	481	1.3	0.3	0.2	—	—	—	—	—
Tires, inner tubes, wheels, unspecified .....	4810	0.2	—	—	—	—	—	—	—
Tire inner tubes .....	4812	—	—	—	—	—	—	—	—
Tires, except bike .....	4813	0.7	0.1	0.1	—	—	—	—	—
Wheels, tire rims .....	4814	0.3	0.1	0.1	—	—	—	—	—
Tires, inner tubes, wheels, n.e.c. ....	4819	0.1	—	—	—	—	—	—	—
Engine parts and accessories .....	482	1.1	0.4	0.2	0.1	0.1	—	—	—
Engine parts and accessories, unspecified ...	4820	0.1	—	—	—	—	—	—	—
Battery .....	4821	0.2	0.1	—	—	—	—	—	—
Belts, hoses .....	4822	—	—	—	—	—	—	—	—
Engine block .....	4823	0.1	0.1	—	—	—	—	—	—
Fan .....	4824	—	—	—	—	—	—	—	—
Muffler, exhaust .....	4825	—	—	—	—	—	—	—	—
Radiator .....	4826	0.1	—	—	—	—	—	—	—
Transmission .....	4827	0.2	0.1	—	—	—	—	—	—
Engine parts and accessories, n.e.c. ....	4829	0.3	0.1	0.1	—	—	—	—	—
Trailers .....	483	0.4	0.2	0.1	0.1	—	—	—	—
Windshields, vehicle windows .....	484	0.1	—	—	—	—	—	—	—
Vehicle and mobile equipment parts, n.e.c. ....	489	1.0	0.4	0.3	0.1	—	—	—	—
Parts and materials, n.e.c. ....	49	1.4	0.7	0.4	0.1	0.1	—	—	—
<b>Persons, plants, animals, and minerals .....</b>	<b>5</b>	<b>65.3</b>	<b>2.8</b>	<b>1.8</b>	<b>0.6</b>	<b>0.1</b>	<b>—</b>	<b>0.1</b>	<b>8.8</b>
Animals and animal products .....	51	1.7	0.2	0.1	0.1	—	—	—	—
Animals, unspecified .....	510	—	—	—	—	—	—	—	—
Animal products—nonfood .....	511	0.1	—	—	—	—	—	—	—
Bones, shells .....	5111	—	—	—	—	—	—	—	—
Hides—leather .....	5114	—	—	—	—	—	—	—	—
Animal products—nonfood, n.e.c. ....	5119	—	—	—	—	—	—	—	—
Birds and fowl .....	512	—	—	—	—	—	—	—	—
Chicken .....	5122	—	—	—	—	—	—	—	—
Turkeys .....	5125	—	—	—	—	—	—	—	—
Fish, shellfish .....	513	0.1	—	—	—	—	—	—	—
Insects, arachnids (spiders, ticks, scorpions, etc.) .....	514	0.8	—	—	—	—	—	—	—
Mammals, except humans .....	515	0.6	0.1	0.1	—	—	—	—	—
Mammals, unspecified .....	5150	—	—	—	—	—	—	—	—
Cats .....	5151	0.1	—	—	—	—	—	—	—
Cattle .....	5152	0.1	—	—	—	—	—	—	—
Dogs .....	5153	0.2	—	—	—	—	—	—	—
Horses .....	5154	0.1	—	—	—	—	—	—	—
Swine .....	5157	—	—	—	—	—	—	—	—
Mammals, n.e.c. ....	5159	—	—	—	—	—	—	—	—
Reptiles, snakes .....	516	—	—	—	—	—	—	—	—
Animal waste products, including manure .....	517	—	—	—	—	—	—	—	—
Animals, n.e.c. ....	519	—	—	—	—	—	—	—	—
Food products—fresh or processed .....	52	2.0	0.2	0.1	—	—	—	—	—
Food products—fresh or processed, unspecified .....	520	0.1	—	—	—	—	—	—	—
Bakery products, candy, confections, snack foods .....	521	—	—	—	—	—	—	—	—
Beverages, n.e.c. ....	522	0.1	—	—	—	—	—	—	—
Dairy products .....	523	0.1	—	—	—	—	—	—	—
Fruits, nuts, vegetables .....	524	0.1	—	—	—	—	—	—	—
Grains, grain mill products .....	525	—	—	—	—	—	—	—	—
Meat, poultry .....	526	0.3	0.1	—	—	—	—	—	—
Seafood .....	527	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Tars, sealants, caulking, insulating materials, n.e.c.	—	—	—	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal	0.2	0.1	—	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal, unspecified	—	—	—	—	—	—	—	—	—	—
Roofing paper, roofing felt	—	—	—	—	—	—	—	—	—	—
Tarps; plastic or fabric sheeting	0.1	—	—	—	—	—	—	—	—	—
Tarps and sheeting—nonmetal, n.e.c.	—	—	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts	2.6	1.6	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts, unspecified	0.2	0.1	—	—	—	—	—	—	—	—
Tires, inner tubes, wheels	1.0	0.7	—	—	—	—	—	—	—	—
Tires, inner tubes, wheels, unspecified	0.2	0.1	—	—	—	—	—	—	—	—
Tire inner tubes	—	—	—	—	—	—	—	—	—	—
Tires, except bike	0.5	0.4	—	—	—	—	—	—	—	—
Wheels, tire rims	0.2	0.1	—	—	—	—	—	—	—	—
Tires, inner tubes, wheels, n.e.c.	0.1	0.1	—	—	—	—	—	—	—	—
Engine parts and accessories	0.7	0.4	—	—	—	—	—	—	—	—
Engine parts and accessories, unspecified	—	—	—	—	—	—	—	—	—	—
Battery	0.1	0.1	—	—	—	—	—	—	—	—
Belts, hoses	—	—	—	—	—	—	—	—	—	—
Engine block	0.1	—	—	—	—	—	—	—	—	—
Fan	—	—	—	—	—	—	—	—	—	—
Muffler, exhaust	—	—	—	—	—	—	—	—	—	—
Radiator	—	—	—	—	—	—	—	—	—	—
Transmission	0.2	0.1	—	—	—	—	—	—	—	—
Engine parts and accessories, n.e.c.	0.2	0.1	—	—	—	—	—	—	—	—
Trailers	0.2	0.1	—	—	—	—	—	—	—	—
Windshields, vehicle windows	—	—	—	—	—	—	—	—	—	—
Vehicle and mobile equipment parts, n.e.c.	0.5	0.3	—	—	—	—	—	—	—	—
Parts and materials, n.e.c.	0.7	0.4	—	—	—	—	—	—	—	—
<b>Persons, plants, animals, and minerals</b>	<b>12.8</b>	<b>7.5</b>	<b>12.0</b>	<b>2.9</b>	<b>—</b>	<b>—</b>	<b>3.0</b>	<b>2.3</b>	<b>0.7</b>	<b>22.9</b>
Animals and animal products	0.1	0.1	—	0.6	—	—	0.7	—	0.7	—
Animals, unspecified	—	—	—	—	—	—	—	—	—	—
Animal products—nonfood	—	—	—	—	—	—	—	—	—	—
Bones, shells	—	—	—	—	—	—	—	—	—	—
Hides—leather	—	—	—	—	—	—	—	—	—	—
Animal products—nonfood, n.e.c.	—	—	—	—	—	—	—	—	—	—
Birds and fowl	—	—	—	—	—	—	—	—	—	—
Chicken	—	—	—	—	—	—	—	—	—	—
Turkeys	—	—	—	—	—	—	—	—	—	—
Fish, shellfish	—	—	—	—	—	—	—	—	—	—
Insects, arachnids (spiders, ticks, scorpions, etc.)	—	—	—	0.5	—	—	0.2	—	0.2	—
Mammals, except humans	0.1	—	—	—	—	—	0.4	—	0.4	—
Mammals, unspecified	—	—	—	—	—	—	—	—	—	—
Cats	—	—	—	—	—	—	0.1	—	0.1	—
Cattle	—	—	—	—	—	—	—	—	—	—
Dogs	—	—	—	—	—	—	0.2	—	0.2	—
Horses	—	—	—	—	—	—	0.1	—	0.1	—
Swine	—	—	—	—	—	—	—	—	—	—
Mammals, n.e.c.	—	—	—	—	—	—	—	—	—	—
Reptiles, snakes	—	—	—	—	—	—	—	—	—	—
Animal waste products, including manure	—	—	—	—	—	—	—	—	—	—
Animals, n.e.c.	—	—	—	—	—	—	—	—	—	—
Food products—fresh or processed	0.5	0.3	—	1.3	—	—	—	—	—	—
Food products—fresh or processed, unspecified	—	—	—	—	—	—	—	—	—	—
Bakery products, candy, confections, snack foods	—	—	—	—	—	—	—	—	—	—
Beverages, n.e.c.	—	—	—	0.1	—	—	—	—	—	—
Dairy products	—	—	—	—	—	—	—	—	—	—
Fruits, nuts, vegetables	—	—	—	—	—	—	—	—	—	—
Grains, grain mill products	—	—	—	—	—	—	—	—	—	—
Meat, poultry	0.2	0.1	—	—	—	—	—	—	—	—
Seafood	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.



**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Multiple foods or groceries .....	528	0.1	—	—	—	—	—	—	—
Other food products—fresh or processed .....	529	1.1	—	—	—	—	—	—	—
Fats, oils .....	5291	0.8	—	—	—	—	—	—	—
Sugar, cocoa, chocolate .....	5292	—	—	—	—	—	—	—	—
Other food products—fresh or processed, n.e.c. ....	5299	0.2	—	—	—	—	—	—	—
Infectious and parasitic agents .....	53	0.5	—	—	—	—	—	—	—
Infectious and parasitic agents, unspecified .....	530	0.1	—	—	—	—	—	—	—
Bacteria .....	531	0.1	—	—	—	—	—	—	—
Fungi .....	532	—	—	—	—	—	—	—	—
Viruses .....	533	0.2	—	—	—	—	—	—	—
Infectious and parasitic agents, n.e.c. ....	539	0.1	—	—	—	—	—	—	—
Metallic minerals .....	54	—	—	—	—	—	—	—	—
Metallic minerals, unspecified .....	540	—	—	—	—	—	—	—	—
Metal ores—nonradiating .....	541	—	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel .....	55	0.8	0.5	0.2	0.2	—	—	0.1	—
Nonmetallic minerals, except fuel, unspecified ..	550	0.1	0.1	—	—	—	—	—	—
Asbestos .....	551	—	—	—	—	—	—	—	—
Boulders .....	552	—	—	—	—	—	—	—	—
Clay—natural and processed .....	553	—	—	—	—	—	—	—	—
Dirt, earth .....	554	0.1	—	—	—	—	—	—	—
Rocks, crushed stone .....	555	0.5	0.3	0.1	0.2	—	—	—	—
Sand, gravel .....	556	0.1	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel, n.e.c. ....	559	—	—	—	—	—	—	—	—
Person—injured or ill worker .....	56	43.7	—	—	—	—	—	—	8.8
Bodily conditions of injured, ill worker .....	561	1.4	—	—	—	—	—	—	—
Bodily motion or position of injured, ill worker ...	562	42.1	—	—	—	—	—	—	8.8
Person—injured or ill worker, n.e.c. ....	569	0.2	—	—	—	—	—	—	—
Person—other than injured or ill worker .....	57	15.0	0.9	0.7	0.1	—	—	—	—
Person—other than injured, ill worker, unspecified ..	570	0.4	0.1	0.1	—	—	—	—	—
Bodily fluids or substances of person .....	571	—	—	—	—	—	—	—	—
Co-worker, former co-worker of injured or ill worker ..	572	0.5	0.2	0.1	—	—	—	—	—
Health care patient or resident of health care facility ..	573	12.6	0.4	0.3	—	—	—	—	—
Person—other than injured or ill worker, n.e.c. ....	579	1.5	0.3	0.2	—	—	—	—	—
Plants, trees, vegetation—not processed .....	58	1.6	0.9	0.6	0.2	—	—	—	—
Plants, trees, vegetation—not processed, unspecified ..	580	0.1	—	—	—	—	—	—	—
Field crops .....	582	—	—	—	—	—	—	—	—
Flowers .....	583	—	—	—	—	—	—	—	—
Houseplants .....	584	—	—	—	—	—	—	—	—
Poison ivy, oak, sumac .....	585	0.2	—	—	—	—	—	—	—
Shrubs, grasses .....	586	0.1	—	—	—	—	—	—	—
Trees, logs .....	587	1.0	0.7	0.5	0.1	—	—	—	—
Plants, trees, vegetation—not processed, n.e.c. ....	589	0.2	0.1	0.1	—	—	—	—	—
Persons, plants, animals, and minerals, n.e.c. ....	59	—	—	—	—	—	—	—	—
<b>Structures and surfaces .....</b>	<b>6</b>	<b>50.1</b>	<b>5.2</b>	<b>2.4</b>	<b>2.0</b>	<b>0.6</b>	<b>12.7</b>	<b>27.0</b>	<b>1.1</b>
Structures and surfaces, unspecified .....	60	0.1	—	—	—	—	—	—	—
Building systems .....	61	—	—	—	—	—	—	—	—
Plumbing system .....	612	—	—	—	—	—	—	—	—
Floors, walkways, ground surfaces .....	62	43.1	1.0	0.1	0.5	0.1	12.4	26.5	1.0
Floors, walkways, ground surfaces, unspecified ..	620	3.3	—	—	—	—	1.2	1.7	—
Escalators .....	621	—	—	—	—	—	—	—	—
Floors .....	622	23.0	0.3	—	0.1	—	4.1	17.4	0.5
Floor, unspecified .....	6220	1.6	—	—	—	—	0.5	0.9	0.1
Floor of building .....	6221	20.1	0.2	—	0.1	—	3.3	15.8	0.4
Floor of elevator .....	6222	—	—	—	—	—	—	—	—
Floor of mine .....	6223	0.1	—	—	—	—	—	—	—
Floor of scaffold, staging, or temporary work platform ..	6224	0.2	—	—	—	—	—	0.1	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Multiple foods or groceries .....	0.1	-	-	-	-	-	-	-	-	-
Other food products—fresh or processed .....	-	-	-	1.0	-	-	-	-	-	-
Fats, oils .....	-	-	-	0.8	-	-	-	-	-	-
Sugar, cocoa, chocolate .....	-	-	-	-	-	-	-	-	-	-
Other food products—fresh or processed, n.e.c. ....	-	-	-	0.2	-	-	-	-	-	-
Infectious and parasitic agents .....	-	-	-	0.5	-	-	-	-	-	-
Infectious and parasitic agents, unspecified .....	-	-	-	0.1	-	-	-	-	-	-
Bacteria .....	-	-	-	0.1	-	-	-	-	-	-
Fungi .....	-	-	-	-	-	-	-	-	-	-
Viruses .....	-	-	-	0.2	-	-	-	-	-	-
Infectious and parasitic agents, n.e.c. ....	-	-	-	0.1	-	-	-	-	-	-
Metallic minerals .....	-	-	-	-	-	-	-	-	-	-
Metallic minerals, unspecified .....	-	-	-	-	-	-	-	-	-	-
Metal ores—nonradiating .....	-	-	-	-	-	-	-	-	-	-
Nonmetallic minerals, except fuel .....	0.2	0.1	-	-	-	-	-	-	-	-
Nonmetallic minerals, except fuel, unspecified ..	-	-	-	-	-	-	-	-	-	-
Asbestos .....	-	-	-	-	-	-	-	-	-	-
Boulders .....	-	-	-	-	-	-	-	-	-	-
Clay—natural and processed .....	-	-	-	-	-	-	-	-	-	-
Dirt, earth .....	-	-	-	-	-	-	-	-	-	-
Rocks, crushed stone .....	0.1	0.1	-	-	-	-	-	-	-	-
Sand, gravel .....	-	-	-	-	-	-	-	-	-	-
Nonmetallic minerals, except fuel, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Person—injured or ill worker .....	0.2	-	12.0	0.2	-	-	-	-	-	22.6
Bodily conditions of injured, ill worker .....	0.1	-	-	0.2	-	-	-	-	-	1.1
Bodily motion or position of injured, ill worker ...	-	-	12.0	-	-	-	-	-	-	21.4
Person—injured or ill worker, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	0.1
Person—other than injured or ill worker .....	11.5	6.8	-	0.1	-	-	2.3	2.3	-	0.2
Person—other than injured, ill worker, unspecified .....	0.2	0.1	-	-	-	-	0.1	0.1	-	-
Bodily fluids or substances of person .....	-	-	-	-	-	-	-	-	-	-
Co-worker, former co-worker of injured or ill worker .....	0.1	-	-	-	-	-	0.2	0.2	-	-
Health care patient or resident of health care facility .....	10.7	6.4	-	-	-	-	1.2	1.2	-	0.2
Person—other than injured or ill worker, n.e.c. ....	0.5	0.3	-	-	-	-	0.7	0.7	-	-
Plants, trees, vegetation—not processed .....	0.4	0.3	-	0.2	-	-	-	-	-	-
Plants, trees, vegetation—not processed, unspecified .....	-	-	-	-	-	-	-	-	-	-
Field crops .....	-	-	-	-	-	-	-	-	-	-
Flowers .....	-	-	-	-	-	-	-	-	-	-
Houseplants .....	-	-	-	-	-	-	-	-	-	-
Poison ivy, oak, sumac .....	-	-	-	0.2	-	-	-	-	-	-
Shrubs, grasses .....	-	-	-	-	-	-	-	-	-	-
Trees, logs .....	0.3	0.2	-	-	-	-	-	-	-	-
Plants, trees, vegetation—not processed, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Persons, plants, animals, and minerals, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
<b>Structures and surfaces .....</b>	<b>2.0</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.1</b>	<b>-</b>	<b>-</b>	<b>2.0</b>
Structures and surfaces, unspecified .....	-	-	-	-	-	-	-	-	-	-
Building systems .....	-	-	-	-	-	-	-	-	-	-
Plumbing system .....	-	-	-	-	-	-	-	-	-	-
Floors, walkways, ground surfaces .....	0.2	0.1	-	-	-	-	-	-	-	1.9
Floors, walkways, ground surfaces, unspecified .....	-	-	-	-	-	-	-	-	-	0.3
Escalators .....	-	-	-	-	-	-	-	-	-	-
Floors .....	0.1	-	-	-	-	-	-	-	-	0.6
Floor, unspecified .....	-	-	-	-	-	-	-	-	-	-
Floor of building .....	-	-	-	-	-	-	-	-	-	0.4
Floor of elevator .....	-	-	-	-	-	-	-	-	-	-
Floor of mine .....	-	-	-	-	-	-	-	-	-	-
Floor of scaffold, staging, or temporary work platform .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Floor of vehicle .....	6225	0.3	—	—	—	—	—	0.2	—
Floor, n.e.c. ....	6229	0.6	—	—	—	—	0.2	0.4	—
Ground .....	623	8.5	0.1	—	0.1	—	3.6	3.9	0.2
Sidewalks, paths, outdoor walkways .....	624	1.0	—	—	—	—	0.1	0.8	—
Stairs, steps .....	625	3.3	0.2	—	0.1	—	2.6	0.2	0.2
Stairs, steps, unspecified .....	6250	1.7	0.1	—	0.1	—	1.3	0.1	0.1
Stairs, steps—indoors .....	6251	1.2	—	—	—	—	0.9	0.1	0.1
Stairs, steps—outdoors .....	6252	0.5	—	—	—	—	0.4	—	—
Street, road .....	626	0.6	—	—	—	—	0.1	0.3	—
Surfaces below ground level, n.e.c. ....	627	0.5	0.1	—	0.1	—	0.3	—	—
Surfaces below ground level, unspecified .....	6270	0.1	—	—	—	—	—	—	—
Ditches, channels, trenches, excavations .....	6271	0.2	—	—	—	—	0.1	—	—
Other surfaces below ground level, n.e.c. ....	6279	0.2	0.1	—	—	—	0.2	—	—
Parking lots .....	628	1.8	—	—	—	—	0.2	1.5	—
Other floors, walkways, ground surfaces .....	629	1.0	0.2	0.1	—	—	0.2	0.5	—
Other floors, walkways, ground surfaces, unspecified .....	6290	0.1	—	—	—	—	—	0.1	—
Piers, wharfs .....	6291	—	—	—	—	—	—	—	—
Ramps, runways, loading docks .....	6292	0.7	0.1	0.1	—	—	0.1	0.4	—
Moving walkways .....	6293	—	—	—	—	—	—	—	—
Floors, walkways, ground surfaces, n.e.c. ....	6299	0.2	—	—	—	—	—	0.1	—
Other structural elements .....	63	5.6	3.6	2.1	1.1	0.3	0.1	0.4	—
Other structural elements, unspecified .....	630	—	—	—	—	—	—	—	—
Doors .....	631	3.4	2.4	1.6	0.5	0.2	—	0.1	—
Fences, fence panels .....	632	0.1	0.1	—	—	—	—	—	—
Gates .....	633	0.3	0.2	0.2	—	—	—	—	—
Roof .....	634	0.2	0.1	—	—	—	—	0.1	—
Roof trusses .....	635	0.2	0.1	—	—	—	—	—	—
Walls .....	637	0.6	0.4	—	0.3	—	—	0.2	—
Windows .....	638	0.3	0.2	0.1	0.1	—	—	—	—
Structural elements, n.e.c. ....	639	0.4	0.2	—	0.2	—	—	—	—
Structures .....	64	1.2	0.6	0.2	0.3	0.1	0.1	0.1	—
Structures, unspecified .....	640	—	—	—	—	—	—	—	—
Bridges, dams, locks .....	641	—	—	—	—	—	—	—	—
Buildings—office, plant, residential .....	642	—	—	—	—	—	—	—	—
Grandstands, stadia .....	643	—	—	—	—	—	—	—	—
Mines, caves, tunnels .....	644	0.2	—	—	—	—	0.1	—	—
Mines, caves, tunnels, unspecified .....	6440	—	—	—	—	—	—	—	—
Sewers, manholes, storm drains .....	6443	0.1	—	—	—	—	0.1	—	—
Mines, caves, tunnels, n.e.c. ....	6449	—	—	—	—	—	—	—	—
Pools .....	645	—	—	—	—	—	—	—	—
Scaffolds—staging .....	646	0.4	0.2	0.1	0.1	—	—	—	—
Scaffolds—staging, unspecified .....	6460	0.3	0.1	—	0.1	—	—	—	—
Scaffolds—improvised staging .....	6461	—	—	—	—	—	—	—	—
Scaffolds—selfsupporting staging .....	6462	—	—	—	—	—	—	—	—
Scaffolds—staging supported by structure or other means .....	6463	—	—	—	—	—	—	—	—
Scaffolds—suspended staging .....	6464	—	—	—	—	—	—	—	—
Scaffolds—staging, n.e.c. ....	6469	—	—	—	—	—	—	—	—
Towers, poles .....	647	0.4	0.2	0.1	0.1	—	—	—	—
Other structures .....	648	0.1	0.1	—	—	—	—	—	—
Guardrails, road dividers .....	6481	—	—	—	—	—	—	—	—
Hydrants .....	6482	—	—	—	—	—	—	—	—
Other structures, n.e.c. ....	6489	0.1	—	—	—	—	—	—	—
Structures and surfaces, n.e.c. ....	69	0.1	—	—	—	—	—	—	—
<b>Tools, instruments, and equipment .....</b>	<b>7</b>	<b>18.0</b>	<b>11.4</b>	<b>8.2</b>	<b>1.9</b>	<b>0.9</b>	<b>0.4</b>	<b>0.2</b>	<b>0.1</b>
Tools, instruments, and equipment, unspecified ...	70	0.5	0.2	0.1	—	—	—	—	—
Handtools—nonpowered .....	71	9.0	6.7	5.4	0.8	0.2	—	—	—
Handtools—nonpowered, unspecified .....	710	0.1	—	—	—	—	—	—	—
Boring handtools—nonpowered .....	711	0.1	0.1	—	—	—	—	—	—
Augers .....	7111	—	—	—	—	—	—	—	—
Braces .....	7112	—	—	—	—	—	—	—	—
Drills .....	7113	—	—	—	—	—	—	—	—
Boring handtools—nonpowered, n.e.c. ....	7119	—	—	—	—	—	—	—	—
Cutting handtools—nonpowered .....	712	4.9	4.7	3.8	0.6	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Floor of vehicle .....	-	-	-	-	-	-	-	-	-	-
Floor, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Ground .....	-	-	-	-	-	-	-	-	-	0.7
Sidewalks, paths, outdoor walkways .....	-	-	-	-	-	-	-	-	-	-
Stairs, steps .....	-	-	-	-	-	-	-	-	-	0.1
Stairs, steps, unspecified .....	-	-	-	-	-	-	-	-	-	-
Stairs, steps—indoors .....	-	-	-	-	-	-	-	-	-	-
Stairs, steps—outdoors .....	-	-	-	-	-	-	-	-	-	-
Street, road .....	-	-	-	-	-	-	-	-	-	-
Surfaces below ground level, n.e.c. ....	-	-	-	-	-	-	-	-	-	0.1
Surfaces below ground level, unspecified .....	-	-	-	-	-	-	-	-	-	-
Ditches, channels, trenches, excavations .....	-	-	-	-	-	-	-	-	-	-
Other surfaces below ground level, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Parking lots .....	-	-	-	-	-	-	-	-	-	0.1
Other floors, walkways, ground surfaces .....	0.1	0.1	-	-	-	-	-	-	-	-
Other floors, walkways, ground surfaces, unspecified .....	-	-	-	-	-	-	-	-	-	-
Piers, wharfs .....	-	-	-	-	-	-	-	-	-	-
Ramps, runways, loading docks .....	0.1	0.1	-	-	-	-	-	-	-	-
Moving walkways .....	-	-	-	-	-	-	-	-	-	-
Floors, walkways, ground surfaces, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other structural elements .....	1.4	0.7	-	-	-	-	-	-	-	-
Other structural elements, unspecified .....	-	-	-	-	-	-	-	-	-	-
Doors .....	0.9	0.4	-	-	-	-	-	-	-	-
Fences, fence panels .....	-	-	-	-	-	-	-	-	-	-
Gates .....	0.1	-	-	-	-	-	-	-	-	-
Roof .....	-	-	-	-	-	-	-	-	-	-
Roof trusses .....	0.1	-	-	-	-	-	-	-	-	-
Walls .....	0.1	-	-	-	-	-	-	-	-	-
Windows .....	0.2	0.1	-	-	-	-	-	-	-	-
Structural elements, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Structures .....	0.3	0.2	-	-	-	-	-	-	-	-
Structures, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bridges, dams, locks .....	-	-	-	-	-	-	-	-	-	-
Buildings—office, plant, residential .....	-	-	-	-	-	-	-	-	-	-
Grandstands, stadia .....	-	-	-	-	-	-	-	-	-	-
Mines, caves, tunnels .....	-	-	-	-	-	-	-	-	-	-
Mines, caves, tunnels, unspecified .....	-	-	-	-	-	-	-	-	-	-
Sewers, manholes, storm drains .....	-	-	-	-	-	-	-	-	-	-
Mines, caves, tunnels, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Pools .....	-	-	-	-	-	-	-	-	-	-
Scaffolds—staging .....	0.1	0.1	-	-	-	-	-	-	-	-
Scaffolds—staging, unspecified .....	0.1	0.1	-	-	-	-	-	-	-	-
Scaffolds—improvised staging .....	-	-	-	-	-	-	-	-	-	-
Scaffolds—selfsupporting staging .....	-	-	-	-	-	-	-	-	-	-
Scaffolds—staging supported by structure or other means .....	-	-	-	-	-	-	-	-	-	-
Scaffolds—suspended staging .....	-	-	-	-	-	-	-	-	-	-
Scaffolds—staging, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Towers, poles .....	0.1	-	-	-	-	-	-	-	-	-
Other structures .....	-	-	-	-	-	-	-	-	-	-
Guardrails, road dividers .....	-	-	-	-	-	-	-	-	-	-
Hydrants .....	-	-	-	-	-	-	-	-	-	-
Other structures, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Structures and surfaces, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
<b>Tools, instruments, and equipment .....</b>	<b>4.8</b>	<b>1.4</b>	<b>-</b>	<b>0.8</b>	<b>-</b>	<b>-</b>	<b>0.1</b>	<b>0.1</b>	<b>-</b>	<b>0.3</b>
Tools, instruments, and equipment, unspecified .....	0.3	0.2	-	-	-	-	-	-	-	-
Handtools—nonpowered .....	2.0	0.3	-	-	-	-	0.1	0.1	-	0.1
Handtools—nonpowered, unspecified .....	-	-	-	-	-	-	-	-	-	-
Boring handtools—nonpowered .....	-	-	-	-	-	-	-	-	-	-
Augers .....	-	-	-	-	-	-	-	-	-	-
Braces .....	-	-	-	-	-	-	-	-	-	-
Drills .....	-	-	-	-	-	-	-	-	-	-
Boring handtools—nonpowered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Cutting handtools—nonpowered .....	0.1	-	-	-	-	-	0.1	0.1	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Cutting handtools—nonpowered, unspecified	7120	0.1	—	—	—	—	—	—	—
Axes, hatchets	7121	—	—	—	—	—	—	—	—
Bolt cutters	7122	—	—	—	—	—	—	—	—
Chisels	7123	—	—	—	—	—	—	—	—
Knives	7124	4.0	3.9	3.2	0.5	—	—	—	—
Saws	7125	0.1	—	—	—	—	—	—	—
Scissors, snips, shears	7126	0.2	0.2	0.2	—	—	—	—	—
Cutting handtools—nonpowered, n.e.c.	7129	0.5	0.4	0.3	0.1	—	—	—	—
Digging handtools—nonpowered, unspecified	713	0.8	0.1	0.1	—	—	—	—	—
Digging handtools—nonpowered, unspecified	7130	—	—	—	—	—	—	—	—
Hoes	7131	—	—	—	—	—	—	—	—
Picks	7132	—	—	—	—	—	—	—	—
Shovels	7133	0.6	0.1	—	—	—	—	—	—
Trowels	7134	—	—	—	—	—	—	—	—
Digging handtools—nonpowered, n.e.c.	7139	—	—	—	—	—	—	—	—
Gripping handtools—nonpowered	714	0.2	0.2	0.1	—	—	—	—	—
Pliers, tongs	7141	0.1	0.1	—	—	—	—	—	—
Vises, clamps	7142	0.1	0.1	—	—	—	—	—	—
Gripping handtools—nonpowered, n.e.c.	7149	—	—	—	—	—	—	—	—
Measuring handtools—nonpowered	715	0.1	0.1	—	—	—	—	—	—
Calipers, micrometers	7151	—	—	—	—	—	—	—	—
Gauges	7153	—	—	—	—	—	—	—	—
Levels	7154	—	—	—	—	—	—	—	—
Rulers, tape measures	7156	—	—	—	—	—	—	—	—
Measuring handtools—nonpowered, n.e.c.	7159	—	—	—	—	—	—	—	—
Striking and nailing handtools—nonpowered, unspecified	716	0.9	0.7	0.6	—	—	—	—	—
Striking and nailing handtools—nonpowered, unspecified	7160	—	—	—	—	—	—	—	—
Hammers	7161	0.4	0.4	0.4	—	—	—	—	—
Mallets	7162	—	—	—	—	—	—	—	—
Punches, counterpunches, countersinks	7163	—	—	—	—	—	—	—	—
Sledges	7164	0.4	0.2	0.2	—	—	—	—	—
Striking handtools—nonpowered, n.e.c.	7169	—	—	—	—	—	—	—	—
Surfacing handtools—nonpowered	717	0.1	0.1	0.1	—	—	—	—	—
Files	7171	—	—	—	—	—	—	—	—
Planes	7172	—	—	—	—	—	—	—	—
Sanders	7173	—	—	—	—	—	—	—	—
Surfacing handtools—nonpowered, n.e.c.	7179	0.1	0.1	—	—	—	—	—	—
Turning handtools—nonpowered, unspecified	718	0.8	0.4	0.3	—	—	—	—	—
Turning handtools—nonpowered, unspecified	7180	—	—	—	—	—	—	—	—
Screwdrivers	7181	0.1	0.1	0.1	—	—	—	—	—
Wrenches	7182	0.7	0.3	0.3	—	—	—	—	—
Turning handtools—nonpowered, n.e.c.	7189	—	—	—	—	—	—	—	—
Other handtools—nonpowered	719	1.0	0.5	0.4	0.1	—	—	—	—
Other handtools—nonpowered, unspecified	7190	—	—	—	—	—	—	—	—
Brooms, mops, and other cleaning tools	7191	0.3	0.1	—	—	—	—	—	—
Crowbars	7192	0.4	0.2	0.2	—	—	—	—	—
Pitchforks, spading forks	7193	—	—	—	—	—	—	—	—
Rakes	7194	—	—	—	—	—	—	—	—
Stapling tools—nonpowered	7195	—	—	—	—	—	—	—	—
Other handtools—nonpowered, n.e.c.	7199	0.3	0.1	0.1	—	—	—	—	—
Handtools—powered	72	3.4	1.9	1.1	0.3	0.4	—	—	—
Handtools—powered, unspecified	720	—	—	—	—	—	—	—	—
Boring handtools—powered	721	0.4	0.3	0.2	—	0.1	—	—	—
Augers—powered	7211	—	—	—	—	—	—	—	—
Drills—powered	7213	0.3	0.2	0.2	—	—	—	—	—
Routers and molders—powered	7214	0.1	0.1	—	—	—	—	—	—
Cutting handtools—powered	722	0.9	0.8	0.4	0.2	0.1	—	—	—
Cutting handtools—powered, unspecified	7220	—	—	—	—	—	—	—	—
Chainsaws—powered	7221	0.3	0.2	0.2	—	—	—	—	—
Knives—powered	7223	—	—	—	—	—	—	—	—
Saws—powered, except chainsaws	7224	0.4	0.3	0.2	0.1	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Cutting handtools—nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Axes, hatchets	—	—	—	—	—	—	—	—	—	—
Bolt cutters	—	—	—	—	—	—	—	—	—	—
Chisels	—	—	—	—	—	—	—	—	—	—
Knives	—	—	—	—	—	—	—	—	—	—
Saws	—	—	—	—	—	—	—	—	—	—
Scissors, snips, shears	—	—	—	—	—	—	—	—	—	—
Cutting handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Digging handtools—nonpowered	0.6	0.2	—	—	—	—	—	—	—	—
Digging handtools—nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Hoes	—	—	—	—	—	—	—	—	—	—
Picks	—	—	—	—	—	—	—	—	—	—
Shovels	0.6	0.1	—	—	—	—	—	—	—	—
Trowels	—	—	—	—	—	—	—	—	—	—
Digging handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Gripping handtools—nonpowered	0.1	—	—	—	—	—	—	—	—	—
Pliers, tongs	—	—	—	—	—	—	—	—	—	—
Vises, clamps	—	—	—	—	—	—	—	—	—	—
Gripping handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Measuring handtools—nonpowered	—	—	—	—	—	—	—	—	—	—
Calipers, micrometers	—	—	—	—	—	—	—	—	—	—
Gauges	—	—	—	—	—	—	—	—	—	—
Levels	—	—	—	—	—	—	—	—	—	—
Rulers, tape measures	—	—	—	—	—	—	—	—	—	—
Measuring handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Striking and nailing handtools—nonpowered	0.2	—	—	—	—	—	—	—	—	—
Striking and nailing handtools—nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Hammers	0.1	—	—	—	—	—	—	—	—	—
Mallets	—	—	—	—	—	—	—	—	—	—
Punches, counterpunches, countersinks	—	—	—	—	—	—	—	—	—	—
Sledges	0.1	—	—	—	—	—	—	—	—	—
Striking handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Surfacing handtools—nonpowered	—	—	—	—	—	—	—	—	—	—
Files	—	—	—	—	—	—	—	—	—	—
Planes	—	—	—	—	—	—	—	—	—	—
Sanders	—	—	—	—	—	—	—	—	—	—
Surfacing handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Turning handtools—nonpowered	0.4	—	—	—	—	—	—	—	—	—
Turning handtools—nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Screwdrivers	—	—	—	—	—	—	—	—	—	—
Wrenches	0.4	—	—	—	—	—	—	—	—	—
Turning handtools—nonpowered, n.e.c.	—	—	—	—	—	—	—	—	—	—
Other handtools—nonpowered	0.5	—	—	—	—	—	—	—	—	—
Other handtools—nonpowered, unspecified	—	—	—	—	—	—	—	—	—	—
Brooms, mops, and other cleaning tools	0.2	—	—	—	—	—	—	—	—	—
Crowbars	0.1	—	—	—	—	—	—	—	—	—
Pitchforks, spading forks	—	—	—	—	—	—	—	—	—	—
Rakes	—	—	—	—	—	—	—	—	—	—
Stapling tools—nonpowered	—	—	—	—	—	—	—	—	—	—
Other handtools—nonpowered, n.e.c.	0.1	—	—	—	—	—	—	—	—	—
Handtools—powered	0.7	0.1	—	0.7	—	—	—	—	—	—
Handtools—powered, unspecified	—	—	—	—	—	—	—	—	—	—
Boring handtools—powered	0.1	—	—	—	—	—	—	—	—	—
Augers—powered	—	—	—	—	—	—	—	—	—	—
Drills—powered	0.1	—	—	—	—	—	—	—	—	—
Routers and molders—powered	—	—	—	—	—	—	—	—	—	—
Cutting handtools—powered	0.1	—	—	—	—	—	—	—	—	—
Cutting handtools—powered, unspecified	—	—	—	—	—	—	—	—	—	—
Chainsaws—powered	—	—	—	—	—	—	—	—	—	—
Knives—powered	—	—	—	—	—	—	—	—	—	—
Saws—powered, except chainsaws	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Cutting handtools—powered, n.e.c. ....	7229	0.2	0.2	0.1	-	-	-	-	-
Striking and nailing handtools—powered .....	723	0.4	0.2	0.1	-	-	-	-	-
Striking and nailing handtools—powered, unspecified .....	7230	-	-	-	-	-	-	-	-
Hammers—powered .....	7231	-	-	-	-	-	-	-	-
Jackhammers—powered .....	7232	0.2	0.1	0.1	-	-	-	-	-
Punches—powered .....	7233	-	-	-	-	-	-	-	-
Riveters—powered .....	7234	-	-	-	-	-	-	-	-
Striking and nailing handtools—powered, n.e.c. ....	7239	-	-	-	-	-	-	-	-
Surfacing handtools—powered .....	724	0.5	0.4	0.2	0.1	0.1	-	-	-
Buffers, polishers, waxers—powered .....	7241	0.2	0.1	-	-	-	-	-	-
Hand grinders—powered .....	7242	0.2	0.2	0.2	-	-	-	-	-
Sanders—powered .....	7243	0.1	0.1	-	-	-	-	-	-
Sandblasters—powered .....	7244	-	-	-	-	-	-	-	-
Surfacing handtools—powered, n.e.c. ....	7249	-	-	-	-	-	-	-	-
Turning handtools, powered .....	725	0.1	0.1	0.1	-	-	-	-	-
Turning handtools—powered, unspecified ....	7250	-	-	-	-	-	-	-	-
Bolt setters—powered .....	7251	-	-	-	-	-	-	-	-
Impact wrenches—powered .....	7252	0.1	-	-	-	-	-	-	-
Screwdrivers—powered .....	7253	-	-	-	-	-	-	-	-
Turning handtools—powered, n.e.c. ....	7259	-	-	-	-	-	-	-	-
Welding and heating handtools—powered .....	726	0.7	-	-	-	-	-	-	-
Welding and heating handtools—powered, unspecified .....	7260	0.2	-	-	-	-	-	-	-
Blow torches .....	7261	-	-	-	-	-	-	-	-
Soldering irons—powered .....	7262	-	-	-	-	-	-	-	-
Welding torches—powered .....	7263	0.5	-	-	-	-	-	-	-
Welding and heating handtools—powered, n.e.c. ....	7269	-	-	-	-	-	-	-	-
Other handtools, powered .....	729	0.3	0.2	0.1	-	-	-	-	-
Nail guns—powered .....	7291	0.1	0.1	-	-	-	-	-	-
Scrubbers—powered .....	7293	-	-	-	-	-	-	-	-
Sprayers—paint .....	7294	-	-	-	-	-	-	-	-
Stapling tools—electric or pneumatic .....	7295	-	-	-	-	-	-	-	-
Other handtools—powered, n.e.c. ....	7299	0.1	-	-	-	-	-	-	-
Handtools—power not determined .....	73	1.1	0.8	0.6	0.1	0.1	-	-	-
Handtools—power not determined, unspecified .....	730	-	-	-	-	-	-	-	-
Boring handtools—power not determined .....	731	0.2	0.1	0.1	-	-	-	-	-
Augers—power not determined .....	7311	-	-	-	-	-	-	-	-
Drills—power not determined .....	7313	0.1	0.1	0.1	-	-	-	-	-
Cutting handtools—power not determined .....	732	0.4	0.4	0.2	0.1	-	-	-	-
Cutting handtools—power not determined, unspecified .....	7320	-	-	-	-	-	-	-	-
Chisels—power not determined .....	7321	-	-	-	-	-	-	-	-
Knives—power not determined .....	7322	0.2	0.2	0.1	-	-	-	-	-
Saws—power not determined .....	7323	0.1	0.1	-	-	-	-	-	-
Cutting handtools—power not determined, n.e.c. ....	7329	-	-	-	-	-	-	-	-
Striking and nailing handtools—power not determined .....	733	0.1	0.1	0.1	-	-	-	-	-
Hammers—power not determined .....	7331	0.1	0.1	0.1	-	-	-	-	-
Punches—power not determined .....	7332	-	-	-	-	-	-	-	-
Striking and nailing handtools—power not determined, n.e.c. ....	7339	-	-	-	-	-	-	-	-
Surfacing handtools—power not determined ....	734	-	-	-	-	-	-	-	-
Sanders—power not determined .....	7341	-	-	-	-	-	-	-	-
Turning handtools—power not determined .....	735	0.2	0.1	0.1	-	-	-	-	-
Turning handtools—power not determined, unspecified .....	7350	-	-	-	-	-	-	-	-
Screwdrivers—power not determined .....	7351	0.1	-	-	-	-	-	-	-
Wrenches—power not determined .....	7352	0.2	0.1	0.1	-	-	-	-	-
Turning handtools—power not determined, n.e.c. ....	7359	-	-	-	-	-	-	-	-
Other handtools—power not determined .....	739	0.1	-	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Cutting handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Striking and nailing handtools—powered .....	0.2	-	-	-	-	-	-	-	-	-
Striking and nailing handtools—powered, unspecified .....	-	-	-	-	-	-	-	-	-	-
Hammers—powered .....	-	-	-	-	-	-	-	-	-	-
Jackhammers—powered .....	0.1	-	-	-	-	-	-	-	-	-
Punches—powered .....	-	-	-	-	-	-	-	-	-	-
Riveters—powered .....	-	-	-	-	-	-	-	-	-	-
Striking and nailing handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Surfacing handtools—powered .....	0.2	-	-	-	-	-	-	-	-	-
Buffers, polishers, waxers—powered .....	0.1	-	-	-	-	-	-	-	-	-
Hand grinders—powered .....	-	-	-	-	-	-	-	-	-	-
Sanders—powered .....	-	-	-	-	-	-	-	-	-	-
Sandblasters—powered .....	-	-	-	-	-	-	-	-	-	-
Surfacing handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Turning handtools, powered .....	-	-	-	-	-	-	-	-	-	-
Turning handtools—powered, unspecified ....	-	-	-	-	-	-	-	-	-	-
Bolt setters—powered .....	-	-	-	-	-	-	-	-	-	-
Impact wrenches—powered .....	-	-	-	-	-	-	-	-	-	-
Screwdrivers—powered .....	-	-	-	-	-	-	-	-	-	-
Turning handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Welding and heating handtools—powered .....	-	-	-	0.6	-	-	-	-	-	-
Welding and heating handtools—powered, unspecified .....	-	-	-	0.1	-	-	-	-	-	-
Blow torches .....	-	-	-	-	-	-	-	-	-	-
Soldering irons—powered .....	-	-	-	-	-	-	-	-	-	-
Welding torches—powered .....	-	-	-	0.5	-	-	-	-	-	-
Welding and heating handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other handtools, powered .....	0.1	-	-	-	-	-	-	-	-	-
Nail guns—powered .....	-	-	-	-	-	-	-	-	-	-
Scrubbers—powered .....	-	-	-	-	-	-	-	-	-	-
Sprayers—paint .....	-	-	-	-	-	-	-	-	-	-
Stapling tools—electric or pneumatic .....	-	-	-	-	-	-	-	-	-	-
Other handtools—powered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Handtools—power not determined .....	0.2	-	-	-	-	-	-	-	-	-
Handtools—power not determined, unspecified .....	-	-	-	-	-	-	-	-	-	-
Boring handtools—power not determined .....	0.1	-	-	-	-	-	-	-	-	-
Augers—power not determined .....	-	-	-	-	-	-	-	-	-	-
Drills—power not determined .....	-	-	-	-	-	-	-	-	-	-
Cutting handtools—power not determined .....	-	-	-	-	-	-	-	-	-	-
Cutting handtools—power not determined, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chisels—power not determined .....	-	-	-	-	-	-	-	-	-	-
Knives—power not determined .....	-	-	-	-	-	-	-	-	-	-
Saws—power not determined .....	-	-	-	-	-	-	-	-	-	-
Cutting handtools—power not determined, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Striking and nailing handtools—power not determined .....	-	-	-	-	-	-	-	-	-	-
Hammers—power not determined .....	-	-	-	-	-	-	-	-	-	-
Punches—power not determined .....	-	-	-	-	-	-	-	-	-	-
Striking and nailing handtools—power not determined, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Surfacing handtools—power not determined ....	-	-	-	-	-	-	-	-	-	-
Sanders—power not determined .....	-	-	-	-	-	-	-	-	-	-
Turning handtools—power not determined .....	0.1	-	-	-	-	-	-	-	-	-
Turning handtools—power not determined, unspecified .....	-	-	-	-	-	-	-	-	-	-
Screwdrivers—power not determined .....	-	-	-	-	-	-	-	-	-	-
Wrenches—power not determined .....	0.1	-	-	-	-	-	-	-	-	-
Turning handtools—power not determined, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other handtools—power not determined .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Staplers—power not determined .....	7391	—	—	—	—	—	—	—	—
Other handtools—power not determined, n.e.c. ....	7399	—	—	—	—	—	—	—	—
Ladders .....	74	1.6	0.5	0.2	0.2	0.1	0.4	0.1	—
Ladders, unspecified .....	740	1.0	0.3	0.1	0.1	—	0.2	—	—
Ladders—fixed .....	741	—	—	—	—	—	—	—	—
Ladders—movable .....	742	0.6	0.2	0.1	0.1	—	0.1	—	—
Movable ladders, unspecified .....	7420	0.3	0.1	0.1	—	—	—	—	—
Extension ladders .....	7421	0.1	—	—	—	—	—	—	—
Step ladders .....	7422	0.2	0.1	—	0.1	—	—	—	—
Straight ladders .....	7423	—	—	—	—	—	—	—	—
Truck mounted ladders, aerial ladder trams ..	7424	—	—	—	—	—	—	—	—
Movable ladders, n.e.c. ....	7429	—	—	—	—	—	—	—	—
Ladders, n.e.c. ....	749	0.1	—	—	—	—	—	—	—
Medical and surgical instruments .....	75	0.2	0.1	0.1	—	—	—	—	—
Medical and surgical instruments, unspecified ..	750	—	—	—	—	—	—	—	—
Needles and syringes .....	751	0.1	0.1	—	—	—	—	—	—
Scalpels .....	752	—	—	—	—	—	—	—	—
Medical and surgical instruments, n.e.c. ....	759	0.1	—	—	—	—	—	—	—
Photographic equipment .....	76	0.1	—	—	—	—	—	—	—
Photographic equipment, unspecified .....	760	—	—	—	—	—	—	—	—
Cameras—still and motion picture .....	761	—	—	—	—	—	—	—	—
Tripods, stands .....	764	—	—	—	—	—	—	—	—
Photographic equipment, n.e.c. ....	769	—	—	—	—	—	—	—	—
Protective equipment, except clothing .....	77	0.1	—	—	—	—	—	—	—
Dust masks .....	771	—	—	—	—	—	—	—	—
Earplugs and hearing protectors .....	772	—	—	—	—	—	—	—	—
Face shields, welding masks .....	773	—	—	—	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses ....	775	—	—	—	—	—	—	—	—
Safety glasses or goggles .....	777	—	—	—	—	—	—	—	—
Protective equipment, except clothing, n.e.c. ...	779	—	—	—	—	—	—	—	—
Recreation and athletic equipment .....	78	0.4	0.2	0.1	—	—	—	—	—
Recreation and athletic equipment, unspecified .....	780	—	—	—	—	—	—	—	—
Camping equipment .....	781	—	—	—	—	—	—	—	—
Gymnasium and exercise equipment .....	782	0.1	—	—	—	—	—	—	—
Playground equipment .....	783	—	—	—	—	—	—	—	—
Riding goods and equipment .....	784	—	—	—	—	—	—	—	—
Snow skiing goods and equipment .....	785	—	—	—	—	—	—	—	—
Water sports equipment .....	786	—	—	—	—	—	—	—	—
Recreation and athletic equipment, n.e.c. ....	789	0.2	0.1	0.1	—	—	—	—	—
Other tools, instruments, and equipment .....	79	1.6	0.8	0.5	0.2	0.1	—	—	—
Clocks .....	791	—	—	—	—	—	—	—	—
Cooking and eating utensils, except knives .....	792	0.1	—	—	—	—	—	—	—
Firearms .....	793	0.1	—	—	—	—	—	—	—
Firearm, unspecified .....	7930	—	—	—	—	—	—	—	—
Pistol, handgun, revolver .....	7931	—	—	—	—	—	—	—	—
Health care and orthopedic equipment, n.e.c. ...	794	0.3	0.1	—	—	—	—	—	—
Musical instruments .....	795	0.2	—	—	—	—	—	—	—
Pianos .....	7951	0.1	—	—	—	—	—	—	—
Other musical instruments .....	7959	—	—	—	—	—	—	—	—
Sewing notions, n.e.c. ....	796	0.1	0.1	—	—	—	—	—	—
Fabric pins, safety pins .....	7961	—	—	—	—	—	—	—	—
Sewing needles .....	7962	0.1	0.1	—	—	—	—	—	—
Wheelchairs .....	797	0.3	0.2	0.1	0.1	—	—	—	—
Writing, drawing, and art supplies .....	798	0.1	—	—	—	—	—	—	—
Art supplies and materials, except paint .....	7981	—	—	—	—	—	—	—	—
Chalk, crayons, marking devices .....	7982	—	—	—	—	—	—	—	—
Pens and pencils .....	7983	—	—	—	—	—	—	—	—
Writing, drawing, art supplies, n.e.c. ....	7989	—	—	—	—	—	—	—	—
Tools, instruments, and equipment, n.e.c. ....	799	0.5	0.3	0.2	0.1	—	—	—	—
<b>Vehicles</b> .....	<b>8</b>	<b>20.0</b>	<b>6.0</b>	<b>2.0</b>	<b>2.2</b>	<b>1.4</b>	<b>0.4</b>	<b>0.8</b>	<b>0.1</b>
Vehicle, unspecified .....	80	0.3	—	—	—	—	—	—	—
Air vehicle .....	81	0.3	0.2	—	0.1	—	—	—	—
Aircraft, unspecified .....	810	0.1	0.1	—	0.1	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Staplers—power not determined .....	—	—	—	—	—	—	—	—	—	—
Other handtools—power not determined, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Ladders .....	0.5	0.3	—	—	—	—	—	—	—	0.1
Ladders, unspecified .....	0.3	0.2	—	—	—	—	—	—	—	0.1
Ladders—fixed .....	—	—	—	—	—	—	—	—	—	—
Ladders—movable .....	0.2	0.1	—	—	—	—	—	—	—	—
Movable ladders, unspecified .....	0.1	—	—	—	—	—	—	—	—	—
Extension ladders .....	—	—	—	—	—	—	—	—	—	—
Step ladders .....	—	—	—	—	—	—	—	—	—	—
Straight ladders .....	—	—	—	—	—	—	—	—	—	—
Truck mounted ladders, aerial ladder trams ..	—	—	—	—	—	—	—	—	—	—
Movable ladders, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Ladders, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments .....	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments, unspecified ..	—	—	—	—	—	—	—	—	—	—
Needles and syringes .....	—	—	—	—	—	—	—	—	—	—
Scalpels .....	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Photographic equipment .....	0.1	—	—	—	—	—	—	—	—	—
Photographic equipment, unspecified .....	—	—	—	—	—	—	—	—	—	—
Cameras—still and motion picture .....	—	—	—	—	—	—	—	—	—	—
Tripods, stands .....	—	—	—	—	—	—	—	—	—	—
Photographic equipment, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Protective equipment, except clothing .....	—	—	—	—	—	—	—	—	—	—
Dust masks .....	—	—	—	—	—	—	—	—	—	—
Earplugs and hearing protectors .....	—	—	—	—	—	—	—	—	—	—
Face shields, welding masks .....	—	—	—	—	—	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses ...	—	—	—	—	—	—	—	—	—	—
Safety glasses or goggles .....	—	—	—	—	—	—	—	—	—	—
Protective equipment, except clothing, n.e.c. ...	—	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment .....	0.2	0.2	—	—	—	—	—	—	—	—
Recreation and athletic equipment, unspecified .....	—	—	—	—	—	—	—	—	—	—
Camping equipment .....	—	—	—	—	—	—	—	—	—	—
Gymnasium and exercise equipment .....	0.1	0.1	—	—	—	—	—	—	—	—
Playground equipment .....	—	—	—	—	—	—	—	—	—	—
Riding goods and equipment .....	—	—	—	—	—	—	—	—	—	—
Snow skiing goods and equipment .....	—	—	—	—	—	—	—	—	—	—
Water sports equipment .....	—	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment, n.e.c. ....	0.1	—	—	—	—	—	—	—	—	—
Other tools, instruments, and equipment .....	0.7	0.3	—	—	—	—	—	—	—	—
Clocks .....	—	—	—	—	—	—	—	—	—	—
Cooking and eating utensils, except knives .....	—	—	—	—	—	—	—	—	—	—
Firearms .....	—	—	—	—	—	—	—	—	—	—
Firearm, unspecified .....	—	—	—	—	—	—	—	—	—	—
Pistol, handgun, revolver .....	—	—	—	—	—	—	—	—	—	—
Health care and orthopedic equipment, n.e.c. ...	0.2	0.1	—	—	—	—	—	—	—	—
Musical instruments .....	0.1	—	—	—	—	—	—	—	—	—
Pianos .....	0.1	—	—	—	—	—	—	—	—	—
Other musical instruments .....	—	—	—	—	—	—	—	—	—	—
Sewing notions, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Fabric pins, safety pins .....	—	—	—	—	—	—	—	—	—	—
Sewing needles .....	—	—	—	—	—	—	—	—	—	—
Wheelchairs .....	0.1	—	—	—	—	—	—	—	—	—
Writing, drawing, and art supplies .....	—	—	—	—	—	—	—	—	—	—
Art supplies and materials, except paint .....	—	—	—	—	—	—	—	—	—	—
Chalk, crayons, marking devices .....	—	—	—	—	—	—	—	—	—	—
Pens and pencils .....	—	—	—	—	—	—	—	—	—	—
Writing, drawing, art supplies, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Tools, instruments, and equipment, n.e.c. ....	0.2	0.1	—	—	—	—	—	—	—	—
<b>Vehicles</b> .....	<b>3.6</b>	<b>0.6</b>	—	—	<b>8.8</b>	—	—	—	—	<b>0.3</b>
Vehicle, unspecified .....	—	—	—	—	0.2	—	—	—	—	—
Air vehicle .....	—	—	—	—	0.1	—	—	—	—	—
Aircraft, unspecified .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Aircraft—powered fixed wing .....	811	0.2	0.1	—	—	—	—	—	—
Aircraft—powered fixed wing, unspecified .....	8110	0.1	—	—	—	—	—	—	—
Jet .....	8111	0.1	—	—	—	—	—	—	—
Propeller-driven aircraft .....	8112	—	—	—	—	—	—	—	—
Aircraft—powered rotary wing .....	812	—	—	—	—	—	—	—	—
Helicopter .....	8121	—	—	—	—	—	—	—	—
Highway vehicle, motorized .....	82	11.0	2.4	0.6	1.1	0.4	0.3	0.4	—
Highway vehicle, motorized, unspecified .....	820	1.4	0.1	—	0.1	—	—	—	—
Automobile .....	821	3.2	0.5	0.2	0.2	0.1	—	—	—
Bus .....	822	0.4	0.1	—	—	—	—	—	—
Motorcycle, moped .....	823	0.1	—	—	—	—	—	—	—
Motor home, recreational vehicle .....	824	—	—	—	—	—	—	—	—
Truck .....	825	5.3	1.5	0.4	0.7	0.3	0.2	0.4	—
Truck, unspecified .....	8250	2.5	0.8	0.1	0.4	0.2	0.1	0.2	—
Delivery truck .....	8251	0.4	0.1	—	0.1	—	—	—	—
Dump truck .....	8252	0.2	0.1	—	—	—	—	—	—
Pickup truck .....	8253	0.3	—	—	—	—	—	—	—
Semitrailer, tractor trailer, trailer truck .....	8254	1.4	0.4	0.1	0.2	0.1	0.1	0.1	—
Truck, n.e.c. ....	8259	0.4	0.1	—	—	—	—	—	—
Van—passenger or light delivery .....	826	0.6	0.1	—	—	—	—	—	—
Highway vehicle, motorized, n.e.c. ....	829	0.1	—	—	—	—	—	—	—
Highway vehicle, nonmotorized .....	83	0.1	—	—	—	—	—	—	—
Animal or human powered vehicle .....	831	0.1	—	—	—	—	—	—	—
Bicycle .....	8312	0.1	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial .....	84	0.1	—	—	—	—	—	—	—
All terrain vehicle (ATV) .....	841	—	—	—	—	—	—	—	—
Golf cart, powered .....	842	0.1	—	—	—	—	—	—	—
Snowmobile .....	843	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial, n.e.c. ....	849	—	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors .....	85	2.8	1.2	0.3	0.4	0.4	—	0.1	—
Plant and industrial powered vehicles, unspecified .....	850	0.1	—	—	—	—	—	—	—
Forklift .....	851	2.2	1.0	0.2	0.3	0.4	—	0.1	—
Forklift, unspecified .....	8510	1.7	0.7	0.2	0.2	0.3	—	—	—
Hand/riding forklift truck—motorized .....	8512	—	—	—	—	—	—	—	—
Order picker high lift truck .....	8513	—	—	—	—	—	—	—	—
Pallet lift truck—motorized .....	8514	0.2	0.1	—	—	—	—	—	—
Platform lift truck—high or low lift .....	8515	0.1	—	—	—	—	—	—	—
Reach rider lift truck .....	8516	—	—	—	—	—	—	—	—
Forklift, n.e.c. ....	8519	0.2	0.1	—	—	—	—	—	—
Powered industrial carrier, except forklifts .....	852	0.2	0.1	—	—	—	—	—	—
Powered industrial carrier, except forklifts, unspecified .....	8520	—	—	—	—	—	—	—	—
Container carrier .....	8521	—	—	—	—	—	—	—	—
Stacker carrier .....	8523	—	—	—	—	—	—	—	—
Powered industrial carrier, except forklifts, n.e.c. ....	8529	0.1	—	—	—	—	—	—	—
Tractor .....	853	0.2	0.1	—	—	—	—	—	—
Plant and industrial powered vehicle, n.e.c. ....	859	0.1	—	—	—	—	—	—	—
Plant and industrial vehicle—nonpowered .....	86	4.8	2.1	1.0	0.6	0.5	—	0.2	—
Plant and industrial vehicle—nonpowered, unspecified .....	860	—	—	—	—	—	—	—	—
Cart, dolly, handtruck .....	861	4.4	2.0	0.9	0.5	0.5	—	0.2	—
Wheelbarrow .....	862	0.2	—	—	—	—	—	—	—
Plant and industrial vehicle—nonpowered, n.e.c. ....	869	0.2	0.1	—	—	—	—	—	—
Rail vehicle .....	87	0.2	0.1	—	—	—	—	—	—
Rail vehicle, unspecified .....	870	—	—	—	—	—	—	—	—
Streetcar, trolley .....	872	—	—	—	—	—	—	—	—
Train .....	874	0.1	—	—	—	—	—	—	—
Rail vehicle, n.e.c. ....	879	—	—	—	—	—	—	—	—
Water vehicle .....	88	0.1	—	—	—	—	—	—	—
Water vehicle, unspecified .....	880	—	—	—	—	—	—	—	—
Barge .....	881	—	—	—	—	—	—	—	—
Canoe, kayak, rowboat, raft .....	882	—	—	—	—	—	—	—	—
Motorboat, yachts .....	884	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Aircraft—powered fixed wing .....	—	—	—	—	0.1	—	—	—	—	—
Aircraft—powered fixed wing, unspecified .....	—	—	—	—	—	—	—	—	—	—
Jet .....	—	—	—	—	—	—	—	—	—	—
Propeller-driven aircraft .....	—	—	—	—	—	—	—	—	—	—
Aircraft—powered rotary wing .....	—	—	—	—	—	—	—	—	—	—
Helicopter .....	—	—	—	—	—	—	—	—	—	—
Highway vehicle, motorized .....	0.8	0.2	—	—	6.9	—	—	—	—	0.2
Highway vehicle, motorized, unspecified .....	0.1	—	—	—	1.2	—	—	—	—	—
Automobile .....	0.2	—	—	—	2.5	—	—	—	—	—
Bus .....	—	—	—	—	0.2	—	—	—	—	—
Motorcycle, moped .....	—	—	—	—	—	—	—	—	—	—
Motor home, recreational vehicle .....	—	—	—	—	—	—	—	—	—	—
Truck .....	0.6	0.1	—	—	2.4	—	—	—	—	0.1
Truck, unspecified .....	0.2	—	—	—	1.2	—	—	—	—	0.1
Delivery truck .....	—	—	—	—	0.2	—	—	—	—	—
Dump truck .....	—	—	—	—	0.1	—	—	—	—	—
Pickup truck .....	—	—	—	—	0.2	—	—	—	—	—
Semitrailer, tractor trailer, trailer truck .....	0.2	—	—	—	0.5	—	—	—	—	—
Truck, n.e.c. ....	—	—	—	—	0.2	—	—	—	—	—
Van—passenger or light delivery .....	—	—	—	—	0.4	—	—	—	—	—
Highway vehicle, motorized, n.e.c. ....	—	—	—	—	0.1	—	—	—	—	—
Highway vehicle, nonmotorized .....	—	—	—	—	—	—	—	—	—	—
Animal or human powered vehicle .....	—	—	—	—	—	—	—	—	—	—
Bicycle .....	—	—	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial .....	—	—	—	—	0.1	—	—	—	—	—
All terrain vehicle (ATV) .....	—	—	—	—	—	—	—	—	—	—
Golf cart, powered .....	—	—	—	—	—	—	—	—	—	—
Snowmobile .....	—	—	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors .....	0.2	—	—	—	1.2	—	—	—	—	0.1
Plant and industrial powered vehicles, unspecified .....	—	—	—	—	—	—	—	—	—	—
Forklift .....	0.1	—	—	—	1.0	—	—	—	—	0.1
Forklift, unspecified .....	0.1	—	—	—	0.8	—	—	—	—	—
Hand/rider forklift truck—motorized .....	—	—	—	—	—	—	—	—	—	—
Order picker high lift truck .....	—	—	—	—	—	—	—	—	—	—
Pallet lift truck—motorized .....	—	—	—	—	0.1	—	—	—	—	—
Platform lift truck—high or low lift .....	—	—	—	—	—	—	—	—	—	—
Reach rider lift truck .....	—	—	—	—	—	—	—	—	—	—
Forklift, n.e.c. ....	—	—	—	—	0.1	—	—	—	—	—
Powered industrial carrier, except forklifts .....	—	—	—	—	0.1	—	—	—	—	—
Powered industrial carrier, except forklifts, unspecified .....	—	—	—	—	—	—	—	—	—	—
Container carrier .....	—	—	—	—	—	—	—	—	—	—
Stacker carrier .....	—	—	—	—	—	—	—	—	—	—
Powered industrial carrier, except forklifts, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Tractor .....	—	—	—	—	0.1	—	—	—	—	—
Plant and industrial powered vehicle, n.e.c. ....	—	—	—	—	0.1	—	—	—	—	—
Plant and industrial vehicle—nonpowered .....	2.4	0.3	—	—	0.1	—	—	—	—	—
Plant and industrial vehicle—nonpowered, unspecified .....	—	—	—	—	—	—	—	—	—	—
Cart, dolly, handtruck .....	2.2	0.3	—	—	0.1	—	—	—	—	—
Wheelbarrow .....	0.1	—	—	—	—	—	—	—	—	—
Plant and industrial vehicle—nonpowered, n.e.c. ....	0.1	—	—	—	—	—	—	—	—	—
Rail vehicle .....	—	—	—	—	0.1	—	—	—	—	—
Rail vehicle, unspecified .....	—	—	—	—	—	—	—	—	—	—
Streetcar, trolley .....	—	—	—	—	—	—	—	—	—	—
Train .....	—	—	—	—	0.1	—	—	—	—	—
Rail vehicle, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Water vehicle .....	—	—	—	—	—	—	—	—	—	—
Water vehicle, unspecified .....	—	—	—	—	—	—	—	—	—	—
Barge .....	—	—	—	—	—	—	—	—	—	—
Canoe, kayak, rowboat, raft .....	—	—	—	—	—	—	—	—	—	—
Motorboat, yachts .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Sailboat, sailing ship .....	885	—	—	—	—	—	—	—	—
Ships—other than sail powered .....	886	—	—	—	—	—	—	—	—
Tugboat, commercial fishing boat .....	887	—	—	—	—	—	—	—	—
Water vehicle, n.e.c. ....	889	—	—	—	—	—	—	—	—
Vehicles, n.e.c. ....	89	0.1	—	—	—	—	—	—	—
<b>Other sources</b> .....	<b>9</b>	<b>13.9</b>	<b>8.3</b>	<b>2.4</b>	<b>0.8</b>	<b>0.2</b>	—	<b>0.1</b>	<b>0.1</b>
Ammunition .....	91	0.1	—	—	—	—	—	—	—
Bullets .....	911	0.1	—	—	—	—	—	—	—
Explosive devices .....	912	—	—	—	—	—	—	—	—
Pellets .....	913	—	—	—	—	—	—	—	—
Apparel and textiles .....	92	1.0	0.2	—	—	—	—	—	—
Apparel and textiles, unspecified .....	920	—	—	—	—	—	—	—	—
Clothing and shoes .....	921	0.5	0.1	—	—	—	—	—	—
Clothing, unspecified .....	9210	0.1	—	—	—	—	—	—	—
Belts, gloves, neckties, scarves .....	9211	0.1	—	—	—	—	—	—	—
Blouses, shirts, dresses, trousers, skirts .....	9212	0.1	—	—	—	—	—	—	—
Shoes, boots, slippers, sandals .....	9214	0.1	—	—	—	—	—	—	—
Suits, coats, jackets .....	9215	—	—	—	—	—	—	—	—
Clothing, n.e.c. ....	9219	0.1	—	—	—	—	—	—	—
Eye glasses, jewelry, and watches .....	922	—	—	—	—	—	—	—	—
Eye glasses, sunglasses .....	9221	—	—	—	—	—	—	—	—
Jewelry .....	9222	—	—	—	—	—	—	—	—
Textile products .....	923	0.2	—	—	—	—	—	—	—
Textile products, unspecified .....	9230	—	—	—	—	—	—	—	—
Fabric .....	9231	0.1	—	—	—	—	—	—	—
Yarn, thread .....	9232	—	—	—	—	—	—	—	—
Textile products, n.e.c. ....	9239	0.1	—	—	—	—	—	—	—
Laundry .....	924	0.2	—	—	—	—	—	—	—
Apparel and textiles, n.e.c. ....	929	—	—	—	—	—	—	—	—
Atmospheric and environmental conditions .....	93	1.4	—	—	—	—	—	—	—
Air pressure .....	931	0.1	—	—	—	—	—	—	—
Air pressure, unspecified .....	9310	0.1	—	—	—	—	—	—	—
Low pressure .....	9312	0.1	—	—	—	—	—	—	—
Fire, flame, smoke .....	934	0.6	—	—	—	—	—	—	—
Fire, flame, smoke, unspecified .....	9340	—	—	—	—	—	—	—	—
Fire, flame .....	9341	0.4	—	—	—	—	—	—	—
Smoke, fire gases .....	9342	0.2	—	—	—	—	—	—	—
Temperature extremes—environmental .....	936	0.4	—	—	—	—	—	—	—
Cold—environmental .....	9361	—	—	—	—	—	—	—	—
Heat—environmental .....	9362	0.4	—	—	—	—	—	—	—
Weather and atmospheric conditions .....	937	0.1	—	—	—	—	—	—	—
Ice, sleet, snow .....	9373	0.1	—	—	—	—	—	—	—
Lightning .....	9374	—	—	—	—	—	—	—	—
Other environmental conditions .....	939	0.1	—	—	—	—	—	—	—
Noise .....	9391	—	—	—	—	—	—	—	—
Sun .....	9392	—	—	—	—	—	—	—	—
Environmental conditions, n.e.c. ....	9399	—	—	—	—	—	—	—	—
Paper, books, magazines .....	94	0.7	0.2	0.2	—	—	—	—	—
Paper, books, magazines, unspecified .....	940	0.1	—	—	—	—	—	—	—
Books, notebooks, magazines, catalogues .....	941	0.2	0.1	0.1	—	—	—	—	—
Paper, sheets .....	942	0.2	0.1	—	—	—	—	—	—
Paper, books, magazines, n.e.c. ....	949	0.2	—	—	—	—	—	—	—
Scrap, waste, debris .....	95	8.0	7.3	1.9	0.6	—	—	—	—
Scrap, waste, debris, unspecified .....	950	0.5	0.4	0.1	—	—	—	—	—
Chips, particles, splinters .....	951	7.0	6.7	1.7	0.5	—	—	—	—
Chips, particles, splinters, unspecified .....	9510	1.5	1.5	0.2	—	—	—	—	—
Dirt particles .....	9511	0.8	0.8	0.2	—	—	—	—	—
Glass chips or fibers .....	9512	0.7	0.6	0.2	0.2	—	—	—	—
Metal chips, particles .....	9513	2.8	2.7	0.8	0.2	—	—	—	—
Wood chips, sawdust .....	9514	0.5	0.5	0.1	0.1	—	—	—	—
Chips, particles, splinters, n.e.c. ....	9519	0.7	0.6	0.2	—	—	—	—	—
Trash, garbage .....	953	0.3	—	—	—	—	—	—	—
Scrap, waste, debris, n.e.c. ....	959	0.3	0.2	0.1	—	—	—	—	—
Steam, vapors, liquids, n.e.c. ....	96	1.6	—	—	—	—	—	—	—
Steam, vapors—nonchemical .....	961	0.4	—	—	—	—	—	—	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Sailboat, sailing ship .....	-	-	-	-	-	-	-	-	-	-
Ships—other than sail powered .....	-	-	-	-	-	-	-	-	-	-
Tugboat, commercial fishing boat .....	-	-	-	-	-	-	-	-	-	-
Water vehicle, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Vehicles, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
<b>Other sources</b> .....	<b>2.0</b>	<b>1.0</b>	-	<b>2.9</b>	-	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	-	<b>0.1</b>
Ammunition .....	-	-	-	-	-	-	0.1	0.1	-	-
Bullets .....	-	-	-	-	-	-	0.1	0.1	-	-
Explosive devices .....	-	-	-	-	-	-	-	-	-	-
Pellets .....	-	-	-	-	-	-	-	-	-	-
Apparel and textiles .....	0.7	0.3	-	0.2	-	-	-	-	-	-
Apparel and textiles, unspecified .....	-	-	-	-	-	-	-	-	-	-
Clothing and shoes .....	0.3	0.1	-	0.1	-	-	-	-	-	-
Clothing, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Belts, gloves, neckties, scarves .....	-	-	-	0.1	-	-	-	-	-	-
Blouses, shirts, dresses, trousers, skirts .....	0.1	-	-	-	-	-	-	-	-	-
Shoes, boots, slippers, sandals .....	-	-	-	-	-	-	-	-	-	-
Suits, coats, jackets .....	-	-	-	-	-	-	-	-	-	-
Clothing, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Eye glasses, jewelry, and watches .....	-	-	-	-	-	-	-	-	-	-
Eye glasses, sunglasses .....	-	-	-	-	-	-	-	-	-	-
Jewelry .....	-	-	-	-	-	-	-	-	-	-
Textile products .....	0.2	-	-	-	-	-	-	-	-	-
Textile products, unspecified .....	-	-	-	-	-	-	-	-	-	-
Fabric .....	0.1	-	-	-	-	-	-	-	-	-
Yarn, thread .....	-	-	-	-	-	-	-	-	-	-
Textile products, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Laundry .....	0.2	0.1	-	-	-	-	-	-	-	-
Apparel and textiles, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Atmospheric and environmental conditions .....	-	-	-	1.0	-	0.3	-	-	-	-
Air pressure .....	-	-	-	0.1	-	-	-	-	-	-
Air pressure, unspecified .....	-	-	-	0.1	-	-	-	-	-	-
Low pressure .....	-	-	-	0.1	-	-	-	-	-	-
Fire, flame, smoke .....	-	-	-	0.3	-	0.3	-	-	-	-
Fire, flame, smoke, unspecified .....	-	-	-	-	-	-	-	-	-	-
Fire, flame .....	-	-	-	0.2	-	0.2	-	-	-	-
Smoke, fire gases .....	-	-	-	0.1	-	-	-	-	-	-
Temperature extremes—environmental .....	-	-	-	0.4	-	-	-	-	-	-
Cold—environmental .....	-	-	-	-	-	-	-	-	-	-
Heat—environmental .....	-	-	-	0.4	-	-	-	-	-	-
Weather and atmospheric conditions .....	-	-	-	-	-	-	-	-	-	-
Ice, sleet, snow .....	-	-	-	-	-	-	-	-	-	-
Lightning .....	-	-	-	-	-	-	-	-	-	-
Other environmental conditions .....	-	-	-	0.1	-	-	-	-	-	-
Noise .....	-	-	-	-	-	-	-	-	-	-
Sun .....	-	-	-	-	-	-	-	-	-	-
Environmental conditions, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Paper, books, magazines .....	0.5	0.3	-	-	-	-	-	-	-	-
Paper, books, magazines, unspecified .....	0.1	-	-	-	-	-	-	-	-	-
Books, notebooks, magazines, catalogues .....	0.1	0.1	-	-	-	-	-	-	-	-
Paper, sheets .....	0.2	0.1	-	-	-	-	-	-	-	-
Paper, books, magazines, n.e.c. ....	0.2	0.1	-	-	-	-	-	-	-	-
Scrap, waste, debris .....	0.3	0.2	-	0.2	-	-	-	-	-	-
Scrap, waste, debris, unspecified .....	-	-	-	-	-	-	-	-	-	-
Chips, particles, splinters .....	-	-	-	0.2	-	-	-	-	-	-
Chips, particles, splinters, unspecified .....	-	-	-	-	-	-	-	-	-	-
Dirt particles .....	-	-	-	-	-	-	-	-	-	-
Glass chips or fibers .....	-	-	-	-	-	-	-	-	-	-
Metal chips, particles .....	-	-	-	-	-	-	-	-	-	-
Wood chips, sawdust .....	-	-	-	-	-	-	-	-	-	-
Chips, particles, splinters, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Trash, garbage .....	0.2	0.1	-	-	-	-	-	-	-	-
Scrap, waste, debris, n.e.c. ....	0.1	-	-	-	-	-	-	-	-	-
Steam, vapors, liquids, n.e.c. ....	-	-	-	1.4	-	-	-	-	-	-
Steam, vapors—nonchemical .....	-	-	-	0.4	-	-	-	-	-	-

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Source code <sup>3</sup>	Total cases	Event or exposure leading to injury or illness						
			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 object			
Liquids .....	962	1.1	—	—	—	—	—	—	—
Liquids, unspecified .....	9620	0.1	—	—	—	—	—	—	—
Water .....	9621	0.9	—	—	—	—	—	—	—
Liquids, n.e.c. ....	9629	0.2	—	—	—	—	—	—	—
Other sources, n.e.c. ....	98	1.1	0.5	0.2	0.1	0.2	—	—	—
<b>Nonclassifiable</b> .....	9999	8.6	1.0	0.4	0.3	0.1	0.1	0.1	—

See footnotes at end of table.

**Table R30. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by source of injury or illness and selected events or exposures leading to injury or illness, 1993 — Continued**

Source	Event or exposure leading to injury or illness									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>4</sup>
	Total	In lifting					Total	By person	All other assaults	
Liquids .....	-	-	-	1.0	-	-	-	-	-	-
Liquids, unspecified .....	-	-	-	-	-	-	-	-	-	-
Water .....	-	-	-	0.8	-	-	-	-	-	-
Liquids, n.e.c. ....	-	-	-	0.2	-	-	-	-	-	-
Other sources, n.e.c. ....	0.5	0.2	-	0.1	-	-	-	-	-	-
<b>Nonclassifiable</b> .....	1.5	0.9	-	0.2	-	-	-	-	-	5.6

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>3</sup> Based on the 1992 occupational injury and illness classification structure developed by the Bureau of Labor Statistics.

<sup>4</sup> Includes nonclassifiable responses.

NOTE: Dashes indicate data that are not available or data that do not meet publication guidelines.  
 n.e.c. = not elsewhere classified.

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