

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Private industry .....		1,702,470	459,605	229,158	116,517	76,968	93,881	190,701	54,761
<b>Chemicals and chemical products</b> .....	<b>0</b>	<b>28,773</b>	<b>1,264</b>	<b>767</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>56</b>
Chemicals and chemical products, unspecified .....	00	5,572	-	-	-	-	-	-	-
Acids .....	01	1,780	-	-	-	-	-	-	-
Acids, unspecified .....	010	397	-	-	-	-	-	-	-
Acid gases— halogen .....	011	90	-	-	-	-	-	-	-
Acid gases, unspecified .....	0110	43	-	-	-	-	-	-	-
Hydrogen chloride .....	0112	19	-	-	-	-	-	-	-
Inorganic acids— halogens .....	012	265	-	-	-	-	-	-	-
Hydrochloric acid .....	0123	142	-	-	-	-	-	-	-
Hydrofluoric acid .....	0124	94	-	-	-	-	-	-	-
Inorganic acids— other .....	013	808	-	-	-	-	-	-	-
Nitric acid .....	0132	114	-	-	-	-	-	-	-
Sulfuric acid .....	0134	614	-	-	-	-	-	-	-
Inorganic acids, n.e.c. ....	0139	58	-	-	-	-	-	-	-
Organic acids .....	014	108	-	-	-	-	-	-	-
Organic acids, n.e.c. ....	0149	55	-	-	-	-	-	-	-
Multiple acids .....	018	83	-	-	-	-	-	-	-
Alkalies .....	02	1,378	56	55	-	-	-	-	-
Alkalies, unspecified .....	020	120	-	-	-	-	-	-	-
Calcium hydroxides, calcium oxides .....	021	702	44	44	-	-	-	-	-
Cement, mortar mix— dry .....	0211	148	18	18	-	-	-	-	-
Cement, mortar— wet .....	0212	254	-	-	-	-	-	-	-
Lime .....	0213	244	-	-	-	-	-	-	-
Sodium and potassium hydroxide, potassium carbonate .....	024	518	-	-	-	-	-	-	-
Aromatics and hydrocarbon derivatives, except halogenated .....	03	1,138	-	-	-	-	-	-	-
Alcohols .....	031	645	-	-	-	-	-	-	-
Antifreeze .....	0311	466	-	-	-	-	-	-	-
Ethylene glycol .....	0313	53	-	-	-	-	-	-	-
Alcohols, n.e.c. ....	0319	42	-	-	-	-	-	-	-
Aldehydes .....	032	109	-	-	-	-	-	-	-
Aldehydes, unspecified .....	0320	16	-	-	-	-	-	-	-
Formaldehyde .....	0323	69	-	-	-	-	-	-	-
Formalin .....	0324	20	-	-	-	-	-	-	-
Aromatics .....	034	72	-	-	-	-	-	-	-
Toluene .....	0343	48	-	-	-	-	-	-	-
Ketones .....	036	143	-	-	-	-	-	-	-
Ketones, unspecified .....	0360	40	-	-	-	-	-	-	-
Methyl ethyl ketone .....	0363	36	-	-	-	-	-	-	-
Peroxides .....	037	78	-	-	-	-	-	-	-
Hydrogen peroxide .....	0372	73	-	-	-	-	-	-	-
Nitro hydrocarbons .....	0391	20	-	-	-	-	-	-	-
Halogens and halogen compounds .....	04	1,308	360	-	-	-	-	-	-
Chlorine and chlorine compounds .....	042	1,165	360	-	-	-	-	-	-
Chlorine compounds, unspecified .....	0420	176	-	-	-	-	-	-	-
Chlorine, chlorine bleach .....	0422	814	360	-	-	-	-	-	-
Perchloroethylene .....	0425	75	-	-	-	-	-	-	-
Chlorine compounds, n.e.c. ....	0429	94	-	-	-	-	-	-	-
Fluorine and fluorine compounds .....	043	132	-	-	-	-	-	-	-
Fluorotrichloromethane .....	0432	124	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Private industry .....	459,441	264,836	73,195	76,223	73,246	3,486	23,225	16,644	6,581	194,705
<b>Chemicals and chemical products</b> .....	188	83	—	26,653	—	507	—	—	—	66
Chemicals and chemical products, unspecified .....	—	—	—	5,425	—	90	—	—	—	45
Acids .....	—	—	—	1,696	—	71	—	—	—	—
Acids, unspecified .....	—	—	—	384	—	—	—	—	—	—
Acid gases— halogen .....	—	—	—	90	—	—	—	—	—	—
Acid gases, unspecified .....	—	—	—	43	—	—	—	—	—	—
Hydrogen chloride .....	—	—	—	19	—	—	—	—	—	—
Inorganic acids— halogens .....	—	—	—	265	—	—	—	—	—	—
Hydrochloric acid .....	—	—	—	142	—	—	—	—	—	—
Hydrofluoric acid .....	—	—	—	94	—	—	—	—	—	—
Inorganic acids— other .....	—	—	—	740	—	68	—	—	—	—
Nitric acid .....	—	—	—	114	—	—	—	—	—	—
Sulfuric acid .....	—	—	—	546	—	68	—	—	—	—
Inorganic acids, n.e.c. ....	—	—	—	58	—	—	—	—	—	—
Organic acids .....	—	—	—	108	—	—	—	—	—	—
Organic acids, n.e.c. ....	—	—	—	55	—	—	—	—	—	—
Multiple acids .....	—	—	—	83	—	—	—	—	—	—
Alkalies .....	—	—	—	1,303	—	—	—	—	—	—
Alkalies, unspecified .....	—	—	—	118	—	—	—	—	—	—
Calcium hydroxides, calcium oxides .....	—	—	—	643	—	—	—	—	—	—
Cement, mortar mix— dry .....	—	—	—	120	—	—	—	—	—	—
Cement, mortar— wet .....	—	—	—	247	—	—	—	—	—	—
Lime .....	—	—	—	244	—	—	—	—	—	—
Sodium and potassium hydroxide, potassium carbonate .....	—	—	—	518	—	—	—	—	—	—
Aromatics and hydrocarbon derivatives, except halogenated .....	—	—	—	1,122	—	17	—	—	—	—
Alcohols .....	—	—	—	640	—	—	—	—	—	—
Antifreeze .....	—	—	—	466	—	—	—	—	—	—
Ethylene glycol .....	—	—	—	53	—	—	—	—	—	—
Alcohols, n.e.c. ....	—	—	—	42	—	—	—	—	—	—
Aldehydes .....	—	—	—	109	—	—	—	—	—	—
Aldehydes, unspecified .....	—	—	—	16	—	—	—	—	—	—
Formaldehyde .....	—	—	—	69	—	—	—	—	—	—
Formalin .....	—	—	—	20	—	—	—	—	—	—
Aromatics .....	—	—	—	72	—	—	—	—	—	—
Toluene .....	—	—	—	48	—	—	—	—	—	—
Ketones .....	—	—	—	143	—	—	—	—	—	—
Ketones, unspecified .....	—	—	—	40	—	—	—	—	—	—
Methyl ethyl ketone .....	—	—	—	36	—	—	—	—	—	—
Peroxides .....	—	—	—	78	—	—	—	—	—	—
Hydrogen peroxide .....	—	—	—	73	—	—	—	—	—	—
Nitro hydrocarbons .....	—	—	—	20	—	—	—	—	—	—
Halogens and halogen compounds .....	—	—	—	949	—	—	—	—	—	—
Chlorine and chlorine compounds .....	—	—	—	806	—	—	—	—	—	—
Chlorine compounds, unspecified .....	—	—	—	176	—	—	—	—	—	—
Chlorine, chlorine bleach .....	—	—	—	455	—	—	—	—	—	—
Perchloroethylene .....	—	—	—	75	—	—	—	—	—	—
Chlorine compounds, n.e.c. ....	—	—	—	94	—	—	—	—	—	—
Fluorine and fluorine compounds .....	—	—	—	132	—	—	—	—	—	—
Fluorotrichloromethane .....	—	—	—	124	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Metallic particulates, trace elements, dusts, powders, fumes .....	05	1,321	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified .....	050	563	-	-	-	-	-	-	-
Lead and lead compounds .....	054	46	-	-	-	-	-	-	-
Other metallics and compounds .....	056	152	-	-	-	-	-	-	-
Zinc and zinc compounds .....	0568	62	-	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c. ....	057	203	-	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c. ....	059	333	-	-	-	-	-	-	-
Agricultural chemicals and other pesticides .....	06	822	-	-	-	-	-	-	-
Agricultural chemicals and other pesticides, unspecified .....	060	201	-	-	-	-	-	-	-
Fertilizers, plant food, n.e.c. ....	061	70	-	-	-	-	-	-	-
Fumigants, n.e.c. ....	062	247	-	-	-	-	-	-	-
Fungicides .....	063	20	-	-	-	-	-	-	-
Herbicides .....	064	109	-	-	-	-	-	-	-
Herbicides, unspecified .....	0640	51	-	-	-	-	-	-	-
Carbamate and thiocarbamate herbicides .....	0643	20	-	-	-	-	-	-	-
Insecticides .....	065	104	-	-	-	-	-	-	-
Insecticides, unspecified .....	0650	62	-	-	-	-	-	-	-
Multiple agricultural and horticultural chemicals .....	068	63	-	-	-	-	-	-	-
Chemical products— general .....	07	9,363	130	107	-	-	-	-	-
Chemical products, unspecified .....	070	1,338	-	-	-	-	-	-	-
Adhesives, glues, n.e.c. ....	071	757	-	-	-	-	-	-	-
Beauty preparations, cosmetics, n.e.c. ....	072	150	-	-	-	-	-	-	-
Beauty preparations, cosmetics, unspecified .....	0720	54	-	-	-	-	-	-	-
Other beauty preparations, cosmetics .....	0729	87	-	-	-	-	-	-	-
Cleaning and polishing agents, disinfectants, n.e.c. ....	073	4,078	-	-	-	-	-	-	-
Cleaning and polishing agents, unspecified .....	0730	1,720	-	-	-	-	-	-	-
Bleach— nonchlorine, nonperoxide .....	0731	128	-	-	-	-	-	-	-
Disinfectants .....	0732	353	-	-	-	-	-	-	-
Drain and oven cleaners .....	0733	211	-	-	-	-	-	-	-
Polishes .....	0734	47	-	-	-	-	-	-	-
Soap products .....	0736	554	-	-	-	-	-	-	-
Synthetic detergents and shampoos .....	0737	217	-	-	-	-	-	-	-
Multiple cleaning and polishing agents .....	0738	37	-	-	-	-	-	-	-
Other cleaning and polishing agents .....	0739	788	-	-	-	-	-	-	-
Drugs, alcohol, medicines .....	074	290	-	-	-	-	-	-	-
Medicines .....	0743	175	-	-	-	-	-	-	-
Drugs and medicines, n.e.c. ....	0749	89	-	-	-	-	-	-	-

See footnotes at end of table.

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Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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 .....	-	-	-	1,298	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, unspecified .....	-	-	-	542	-	-	-	-	-	-
Lead and lead compounds .....	-	-	-	46	-	-	-	-	-	-
Other metallics and compounds .....	-	-	-	152	-	-	-	-	-	-
Zinc and zinc compounds .....	-	-	-	62	-	-	-	-	-	-
Welding or soldering fumes, unspecified or n.e.c. ....	-	-	-	203	-	-	-	-	-	-
Metallic particulates, trace elements, dusts, powders, fumes, n.e.c. ....	-	-	-	331	-	-	-	-	-	-
Agricultural chemicals and other pesticides .....	-	-	-	804	-	-	-	-	-	-
Agricultural chemicals and other pesticides, unspecified .....	-	-	-	194	-	-	-	-	-	-
Fertilizers, plant food, n.e.c. ....	-	-	-	68	-	-	-	-	-	-
Fumigants, n.e.c. ....	-	-	-	247	-	-	-	-	-	-
Fungicides .....	-	-	-	20	-	-	-	-	-	-
Herbicides .....	-	-	-	101	-	-	-	-	-	-
Herbicides, unspecified .....	-	-	-	51	-	-	-	-	-	-
Carbamate and thiocarbamate herbicides .....	-	-	-	20	-	-	-	-	-	-
Insecticides .....	-	-	-	104	-	-	-	-	-	-
Insecticides, unspecified .....	-	-	-	62	-	-	-	-	-	-
Multiple agricultural and horticultural chemicals .....	-	-	-	63	-	-	-	-	-	-
Chemical products— general .....	47	-	-	8,903	-	267	-	-	-	-
Chemical products, unspecified .....	-	-	-	1,308	-	-	-	-	-	-
Adhesives, glues, n.e.c. ....	-	-	-	748	-	-	-	-	-	-
Beauty preparations, cosmetics, n.e.c. ....	-	-	-	150	-	-	-	-	-	-
Beauty preparations, cosmetics, unspecified .....	-	-	-	54	-	-	-	-	-	-
Other beauty preparations, cosmetics .....	-	-	-	87	-	-	-	-	-	-
Cleaning and polishing agents, disinfectants, n.e.c. ....	-	-	-	4,056	-	-	-	-	-	-
Cleaning and polishing agents, unspecified .....	-	-	-	1,710	-	-	-	-	-	-
Bleach— nonchlorine, nonperoxide .....	-	-	-	128	-	-	-	-	-	-
Disinfectants .....	-	-	-	353	-	-	-	-	-	-
Drain and oven cleaners .....	-	-	-	210	-	-	-	-	-	-
Polishes .....	-	-	-	47	-	-	-	-	-	-
Soap products .....	-	-	-	553	-	-	-	-	-	-
Synthetic detergents and shampoos .....	-	-	-	217	-	-	-	-	-	-
Multiple cleaning and polishing agents .....	-	-	-	37	-	-	-	-	-	-
Other cleaning and polishing agents .....	-	-	-	778	-	-	-	-	-	-
Drugs, alcohol, medicines .....	-	-	-	290	-	-	-	-	-	-
Medicines .....	-	-	-	175	-	-	-	-	-	-
Drugs and medicines, n.e.c. ....	-	-	-	89	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Explosives, blasting agents, n.e.c. ....	075	259	-	-	-	-	-	-	-
Explosives, blasting agents, unspecified .....	0750	99	-	-	-	-	-	-	-
Flammable gas, unspecified .....	0752	128	-	-	-	-	-	-	-
Paint, lacquer, shellac, varnish, n.e.c. ....	076	1,068	105	105	-	-	-	-	-
Paint, lacquer, shellac, varnish, unspecified .....	0760	285	-	-	-	-	-	-	-
Lacquer, shellac, varnish .....	0761	64	-	-	-	-	-	-	-
Paint .....	0762	509	105	105	-	-	-	-	-
Other paint, lacquer, shellac, varnish .....	0769	175	-	-	-	-	-	-	-
Solvents, degreasers, n.e.c. ....	077	837	-	-	-	-	-	-	-
Solvents, degreasers, unspecified .....	0770	406	-	-	-	-	-	-	-
Naphtha solvents .....	0771	128	-	-	-	-	-	-	-
Paint removers, thinners .....	0772	170	-	-	-	-	-	-	-
Dry cleaning fluids, n.e.c. ....	0773	20	-	-	-	-	-	-	-
Multiple solvents, degreasers .....	0778	67	-	-	-	-	-	-	-
Other solvents, degreasers .....	0779	47	-	-	-	-	-	-	-
Other chemical products .....	079	587	-	-	-	-	-	-	-
Dyes, inks .....	0791	52	-	-	-	-	-	-	-
Tear gas, mace .....	0792	66	-	-	-	-	-	-	-
Chemical products, n.e.c. ....	0799	432	-	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, n.e.c. ....	08	2,259	670	578	63	-	-	-	37
Coal, natural gas, petroleum fuels and products, unspecified .....	080	78	20	20	-	-	-	-	-
Coal and coal products .....	081	789	626	541	63	-	-	-	-
Coal .....	0811	775	624	541	61	-	-	-	-
Natural gas .....	082	69	-	-	-	-	-	-	-
Petroleum, crude oil .....	083	43	-	-	-	-	-	-	-
Petroleum fuels, distillates, and products, n.e.c. ....	084	1,273	-	17	-	-	-	-	-
Petroleum fuels, distillates, and products, unspecified .....	0840	61	-	-	-	-	-	-	-
Gasoline, diesel fuel, jet fuel .....	0842	216	-	-	-	-	-	-	-
Kerosene, heating oil .....	0843	57	-	-	-	-	-	-	-
Lubricating greases, cutting oils .....	0844	494	-	-	-	-	-	-	-
Propane .....	0845	371	-	-	-	-	-	-	-
Other petroleum fuels, distillates, and products .....	0849	76	-	-	-	-	-	-	-
Other chemicals .....	09	3,833	-	-	-	-	-	-	-
Ammonia and ammonium compounds .....	091	377	-	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified .....	0910	245	-	-	-	-	-	-	-
Ammonia, anhydrous .....	0911	63	-	-	-	-	-	-	-
Multiple ammonia and ammonium compounds .....	0918	39	-	-	-	-	-	-	-
Cryogenic gases .....	092	19	-	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c. ....	094	870	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Explosives, blasting agents, n.e.c. ....	-	-	-	-	-	235	-	-	-	-
Explosives, blasting agents, unspecified .....	-	-	-	-	-	97	-	-	-	-
Flammable gas, unspecified .....	-	-	-	-	-	115	-	-	-	-
Paint, lacquer, shellac, varnish, n.e.c. ....	47	-	-	916	-	-	-	-	-	-
Paint, lacquer, shellac, varnish, unspecified .....	-	-	-	285	-	-	-	-	-	-
Lacquer, shellac, varnish .....	-	-	-	64	-	-	-	-	-	-
Paint .....	-	-	-	404	-	-	-	-	-	-
Other paint, lacquer, shellac, varnish .....	47	-	-	128	-	-	-	-	-	-
Solvents, degreasers, n.e.c. ....	-	-	-	837	-	-	-	-	-	-
Solvents, degreasers, unspecified .....	-	-	-	406	-	-	-	-	-	-
Naphtha solvents .....	-	-	-	128	-	-	-	-	-	-
Paint removers, thinners .....	-	-	-	170	-	-	-	-	-	-
Dry cleaning fluids, n.e.c. ....	-	-	-	20	-	-	-	-	-	-
Multiple solvents, degreasers .....	-	-	-	67	-	-	-	-	-	-
Other solvents, degreasers .....	-	-	-	47	-	-	-	-	-	-
Other chemical products .....	-	-	-	577	-	-	-	-	-	-
Dyes, inks .....	-	-	-	52	-	-	-	-	-	-
Tear gas, mace .....	-	-	-	62	-	-	-	-	-	-
Chemical products, n.e.c. ....	-	-	-	425	-	-	-	-	-	-
Coal, natural gas, petroleum fuels and products, n.e.c. ....	109	57	-	1,385	-	42	-	-	-	-
Coal, natural gas, petroleum fuels and products, unspecified .....	-	-	-	56	-	-	-	-	-	-
Coal and coal products .....	108	57	-	40	-	-	-	-	-	-
Coal .....	105	54	-	-	-	-	-	-	-	-
Natural gas .....	-	-	-	62	-	-	-	-	-	-
Petroleum, crude oil .....	-	-	-	41	-	-	-	-	-	-
Petroleum fuels, distillates, and products, n.e.c. ....	-	-	-	1,180	-	-	-	-	-	-
Petroleum fuels, distillates, and products, unspecified .....	-	-	-	61	-	-	-	-	-	-
Gasoline, diesel fuel, jet fuel .....	-	-	-	193	-	-	-	-	-	-
Kerosene, heating oil .....	-	-	-	57	-	-	-	-	-	-
Lubricating greases, cutting oils .....	-	-	-	458	-	-	-	-	-	-
Propane .....	-	-	-	356	-	-	-	-	-	-
Other petroleum fuels, distillates, and products .....	-	-	-	56	-	-	-	-	-	-
Other chemicals .....	-	19	-	3,769	-	19	-	-	-	-
Ammonia and ammonium compounds .....	-	-	-	377	-	-	-	-	-	-
Ammonia and ammonium compounds, unspecified .....	-	-	-	245	-	-	-	-	-	-
Ammonia, anhydrous .....	-	-	-	63	-	-	-	-	-	-
Multiple ammonia and ammonium compounds .....	-	-	-	39	-	-	-	-	-	-
Cryogenic gases .....	-	-	-	19	-	-	-	-	-	-
Oxygen and oxygen compounds, n.e.c. ....	-	-	-	869	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Carbon monoxide .....	0941	764	-	-	-	-	-	-	-
Carbon dioxide, dry ice .....	0942	18	-	-	-	-	-	-	-
Nitrogen oxides .....	0943	53	-	-	-	-	-	-	-
Plastics, resins .....	095	942	-	-	-	-	-	-	-
Plastics, unspecified .....	0950	338	-	-	-	-	-	-	-
Resins .....	0952	274	-	-	-	-	-	-	-
Urethanes .....	0953	50	-	-	-	-	-	-	-
Plastics, n.e.c. ....	0959	273	-	-	-	-	-	-	-
Sewer gas, mine gas, methane .....	096	17	-	-	-	-	-	-	-
Sulfur and sulfur compounds .....	097	108	-	-	-	-	-	-	-
Multiple sulfur and sulfur compounds .....	0978	37	-	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, n.e.c. ....	098	299	-	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, unspecified .....	0980	36	-	-	-	-	-	-	-
Ammonia and chlorine .....	0981	53	-	-	-	-	-	-	-
Chlorine and cleaning agent, n.e.c. ....	0983	68	-	-	-	-	-	-	-
Other multiple chemicals or chemical mixtures .....	0989	113	-	-	-	-	-	-	-
Chemicals and chemical products, n.e.c. ....	099	1,173	-	-	-	-	-	-	-
<b>Containers .....</b>	<b>1</b>	<b>244,574</b>	<b>59,155</b>	<b>40,121</b>	<b>12,273</b>	<b>5,826</b>	<b>605</b>	<b>3,439</b>	<b>251</b>
Containers, unspecified .....	10	6,515	1,428	1,054	147	206	-	36	-
Containers— nonpressurized .....	11	175,013	35,513	25,600	6,820	2,460	354	1,593	89
Containers— nonpressurized, unspecified .....	110	5,318	805	584	97	114	-	-	-
Bags, sacks, totes .....	111	20,855	1,978	1,520	344	73	-	37	-
Barrels, kegs, drums .....	112	6,895	1,639	1,085	264	274	-	76	-
Bottles, jugs, flasks .....	113	3,587	1,624	1,119	453	44	-	38	-
Boxes, crates, cartons .....	114	96,970	18,331	14,489	2,748	709	68	580	55
Buckets, baskets, pails .....	115	10,241	1,459	903	260	196	-	72	-
Cans .....	116	7,535	2,490	1,591	761	126	-	63	-
Pots, pans, trays .....	117	10,865	2,335	1,778	425	95	-	117	-
Tanks, bins, vats .....	118	10,019	3,801	1,724	1,328	741	216	567	-
Containers— nonpressurized, n.e.c. ....	119	2,728	1,050	808	141	88	-	-	-
Containers— pressurized .....	12	8,189	3,322	2,287	592	415	-	109	56
Containers— pressurized, unspecified .....	120	197	56	45	-	-	-	-	-
Boilers .....	121	111	58	-	-	42	-	-	-
Hoses .....	122	4,029	1,829	1,270	478	53	-	53	56
Oxygen tanks .....	123	424	147	142	-	-	-	-	-
Pressure lines, except hoses .....	124	250	60	-	-	-	-	-	-
Propane tanks .....	125	498	80	50	-	-	-	-	-
Containers— pressurized, n.e.c. ....	129	2,680	1,093	729	56	308	-	-	-
Containers— variable restraint .....	13	25,209	6,212	4,422	911	804	132	182	-
Containers— variable restraint, unspecified .....	130	162	64	64	-	-	-	-	-
Bundles, bales .....	131	4,824	1,120	660	232	194	88	55	-
Packages, parcels .....	132	8,676	1,721	1,373	303	40	18	54	-
Reels, rolls .....	133	10,669	3,093	2,130	364	563	-	73	-
Containers— variable restraint, n.e.c. ....	139	878	215	195	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Carbon monoxide .....	-	-	-	764	-	-	-	-	-	-
Carbon dioxide, dry ice .....	-	-	-	17	-	-	-	-	-	-
Nitrogen oxides .....	-	-	-	53	-	-	-	-	-	-
Plastics, resins .....	-	18	-	880	-	18	-	-	-	-
Plastics, unspecified .....	-	-	-	325	-	-	-	-	-	-
Resins .....	-	-	-	240	-	18	-	-	-	-
Urethanes .....	-	-	-	50	-	-	-	-	-	-
Plastics, n.e.c. ....	-	-	-	259	-	-	-	-	-	-
Sewer gas, mine gas, methane .....	-	-	-	17	-	-	-	-	-	-
Sulfur and sulfur compounds .....	-	-	-	108	-	-	-	-	-	-
Multiple sulfur and sulfur compounds .....	-	-	-	37	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, n.e.c. ....	-	-	-	298	-	-	-	-	-	-
Multiple chemicals or chemical mixtures, unspecified .....	-	-	-	36	-	-	-	-	-	-
Ammonia and chlorine .....	-	-	-	53	-	-	-	-	-	-
Chlorine and cleaning agent, n.e.c. ....	-	-	-	68	-	-	-	-	-	-
Other multiple chemicals or chemical mixtures .....	-	-	-	112	-	-	-	-	-	-
Chemicals and chemical products, n.e.c. ....	-	-	-	1,173	-	-	-	-	-	-
<b>Containers</b> .....	178,533	129,380	-	1,248	-	260	171	60	111	909
Containers, unspecified .....	4,997	2,918	-	-	-	-	-	-	-	39
Containers— nonpressurized .....	135,712	104,213	-	934	-	112	145	46	99	558
Containers— nonpressurized, unspecified .....	4,458	2,818	-	-	-	-	-	-	-	-
Bags, sacks, totes .....	18,653	14,472	-	-	-	-	-	-	-	165
Barrels, kegs, drums .....	5,010	3,000	-	-	-	88	-	-	-	57
Bottles, jugs, flasks .....	1,898	1,317	-	-	-	-	-	-	-	-
Boxes, crates, cartons .....	77,585	61,938	-	-	-	-	135	36	99	211
Buckets, baskets, pails .....	8,652	7,026	-	-	-	-	-	-	-	-
Cans .....	4,933	3,870	-	-	-	-	-	-	-	-
Pots, pans, trays .....	7,603	5,999	-	783	-	-	-	-	-	-
Tanks, bins, vats .....	5,278	2,866	-	75	-	-	-	-	-	59
Containers— nonpressurized, n.e.c. ....	1,642	906	-	18	-	-	-	-	-	-
Containers— pressurized .....	4,390	1,969	-	77	-	143	-	-	-	79
Containers— pressurized, unspecified .....	136	-	-	-	-	-	-	-	-	-
Boilers .....	40	-	-	-	-	-	-	-	-	-
Hoses .....	1,957	394	-	63	-	-	-	-	-	52
Oxygen tanks .....	253	135	-	-	-	-	-	-	-	-
Pressure lines, except hoses .....	72	19	-	-	-	110	-	-	-	-
Propane tanks .....	418	320	-	-	-	-	-	-	-	-
Containers— pressurized, n.e.c. ....	1,513	1,064	-	-	-	-	-	-	-	-
Containers— variable restraint .....	18,547	12,259	-	-	-	-	-	-	-	105
Containers— variable restraint, unspecified .....	98	47	-	-	-	-	-	-	-	-
Bundles, bales .....	3,510	2,523	-	-	-	-	-	-	-	39
Packages, parcels .....	6,839	4,558	-	-	-	-	-	-	-	-
Reels, rolls .....	7,447	4,604	-	-	-	-	-	-	-	-
Containers— variable restraint, n.e.c. ....	653	527	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Dishes, drinking cups, beverage glasses .....	14	4,814	2,773	1,639	1,055	17	—	261	—
Dishes, drinking cups, beverage glasses, unspecified .....	140	1,391	291	194	93	—	—	—	—
Dishes, bowls .....	141	1,243	656	295	315	—	—	82	—
Drinking cups, beverage glasses ...	142	1,838	1,585	1,023	533	—	—	175	—
Dishes, drinking cups, beverage glasses, n.e.c. ....	149	342	242	127	114	—	—	—	—
Luggage, handbags .....	15	5,379	655	548	39	57	—	—	—
Luggage, unspecified .....	150	3,710	321	239	—	51	—	—	—
Handbags, pocketbooks, wallets ....	152	17	—	—	—	—	—	—	—
Suitcases .....	153	1,212	254	234	—	—	—	—	—
Luggage, n.e.c. ....	159	409	65	65	—	—	—	—	—
Skids, pallets .....	16	18,624	8,941	4,374	2,667	1,813	97	1,223	102
Containers, n.e.c. ....	19	831	311	197	42	54	—	—	—
<b>Furniture and fixtures .....</b>	<b>2</b>	<b>58,537</b>	<b>27,707</b>	<b>12,062</b>	<b>12,524</b>	<b>2,796</b>	<b>689</b>	<b>4,009</b>	<b>140</b>
Furniture and fixtures, unspecified .....	20	1,863	383	140	212	—	—	—	—
Cases, cabinets, racks, shelves .....	21	20,821	11,942	5,236	5,929	667	273	1,288	—
Cases, cabinets, racks, shelves, unspecified .....	210	1,523	868	494	346	—	—	—	—
Bookcases .....	211	230	55	36	19	—	—	—	—
Cabinets, cases— display, storage .....	212	6,067	2,620	1,255	1,160	188	94	368	—
Counters, counter tops .....	213	1,407	756	61	674	—	19	256	—
Garment racks, other racks .....	214	5,926	3,765	1,686	1,683	331	—	286	—
Lockers .....	215	193	133	97	—	—	—	17	—
Partitions .....	216	190	74	50	—	—	—	—	—
Shelving .....	217	4,392	3,099	1,221	1,807	61	132	267	—
Cases, cabinets, racks, shelves, n.e.c. ....	219	893	572	335	200	—	—	38	—
Floor, wall, and window coverings .....	22	1,952	325	160	109	—	44	—	112
Floor, wall, and window coverings, unspecified .....	220	112	—	—	—	—	—	—	—
Floor coverings, nonstructural .....	221	1,223	141	—	77	—	—	—	61
Wall coverings .....	222	346	95	81	—	—	—	—	45
Window coverings, blinds, shades or draperies .....	223	146	57	46	—	—	—	—	—
Floor, wall, and window coverings, n.e.c. ....	229	124	—	—	—	—	19	—	—
Furniture .....	23	27,836	11,970	4,793	5,157	1,898	318	1,801	—
Furniture, unspecified .....	230	2,458	332	246	51	—	—	—	—
Beds, bedding, mattresses .....	231	5,982	2,034	816	756	456	—	208	—
Benches, workbenches, saw horses .....	232	777	422	207	206	—	19	134	—
Chairs .....	233	4,623	2,676	670	1,183	781	145	301	—
Desks .....	234	3,025	1,406	590	754	56	—	268	—
Sofas .....	235	1,144	280	227	43	—	—	—	—
Tables, worktables .....	236	8,606	4,272	1,788	2,054	387	120	862	—
Furniture, n.e.c. ....	239	1,221	548	249	109	186	—	—	—
Other fixtures .....	24	5,539	2,795	1,482	1,084	170	54	852	—
Other fixtures, unspecified .....	240	364	212	97	79	—	—	—	—
Lighting equipment .....	241	1,701	1,214	897	295	—	—	44	—
Lighting equipment, unspecified .....	2410	626	458	377	70	—	—	—	—
Lamps .....	2411	158	56	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Dishes, drinking cups, beverage glasses .....	1,533	1,204	—	223	—	—	—	—	—	—
Dishes, drinking cups, beverage glasses, unspecified .....	880	835	—	195	—	—	—	—	—	—
Dishes, bowls .....	484	209	—	—	—	—	—	—	—	—
Drinking cups, beverage glasses ...	73	63	—	—	—	—	—	—	—	—
Dishes, drinking cups, beverage glasses, n.e.c. ....	96	96	—	—	—	—	—	—	—	—
Luggage, handbags .....	4,694	3,112	—	—	—	—	—	—	—	16
Luggage, unspecified .....	3,375	2,237	—	—	—	—	—	—	—	—
Handbags, pocketbooks, wallets ....	—	—	—	—	—	—	—	—	—	—
Suitcases .....	957	668	—	—	—	—	—	—	—	—
Luggage, n.e.c. ....	335	182	—	—	—	—	—	—	—	—
Skids, pallets .....	8,168	3,423	—	—	—	—	—	—	—	88
Containers, n.e.c. ....	492	282	—	—	—	—	—	—	—	—
<b>Furniture and fixtures</b> .....	25,175	13,011	—	249	—	—	130	128	—	420
Furniture and fixtures, unspecified .....	1,398	811	—	—	—	—	—	—	—	66
Cases, cabinets, racks, shelves .....	7,105	3,646	—	54	—	—	—	—	—	143
Cases, cabinets, racks, shelves, unspecified .....	555	248	—	—	—	—	—	—	—	47
Bookcases .....	123	111	—	—	—	—	—	—	—	41
Cabinets, cases— display, storage .....	2,942	1,663	—	—	—	—	—	—	—	—
Counters, counter tops .....	365	245	—	—	—	—	—	—	—	—
Garment racks, other racks .....	1,802	617	—	—	—	—	—	—	—	—
Lockers .....	44	36	—	—	—	—	—	—	—	—
Partitions .....	98	45	—	—	—	—	—	—	—	—
Shelving .....	892	574	—	—	—	—	—	—	—	—
Cases, cabinets, racks, shelves, n.e.c. ....	283	106	—	—	—	—	—	—	—	—
Floor, wall, and window coverings .....	1,363	738	—	—	—	—	—	—	—	58
Floor, wall, and window coverings, unspecified .....	91	57	—	—	—	—	—	—	—	—
Floor coverings, nonstructural .....	934	443	—	—	—	—	—	—	—	—
Wall coverings .....	197	126	—	—	—	—	—	—	—	—
Window coverings, blinds, shades or draperies .....	81	65	—	—	—	—	—	—	—	—
Floor, wall, and window coverings, n.e.c. ....	61	47	—	—	—	—	—	—	—	—
Furniture .....	13,462	6,658	—	—	—	—	120	120	—	132
Furniture, unspecified .....	2,119	1,192	—	—	—	—	—	—	—	—
Beds, bedding, mattresses .....	3,642	1,521	—	—	—	—	19	19	—	67
Benches, workbenches, saw horses .....	199	52	—	—	—	—	—	—	—	—
Chairs .....	1,461	717	—	—	—	—	—	—	—	19
Desks .....	1,303	485	—	—	—	—	—	—	—	18
Sofas .....	849	555	—	—	—	—	—	—	—	—
Tables, worktables .....	3,245	1,785	—	—	—	—	77	77	—	—
Furniture, n.e.c. ....	645	351	—	—	—	—	—	—	—	—
Other fixtures .....	1,637	1,066	—	169	—	—	—	—	—	—
Other fixtures, unspecified .....	151	85	—	—	—	—	—	—	—	—
Lighting equipment .....	258	146	—	167	—	—	—	—	—	—
Lighting equipment, unspecified .....	131	52	—	—	—	—	—	—	—	—
Lamps .....	42	—	—	58	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Light bulbs .....	2412	207	161	123	39	-	-	-	-
Lighting equipment, n.e.c. ....	2419	709	539	366	161	-	-	41	-
Plumbing fixtures .....	242	2,927	1,067	357	597	108	51	798	-
Plumbing fixtures, unspecified ...	2420	74	-	19	-	-	-	-	-
Bathtubs .....	2421	797	137	42	93	-	40	339	-
Sinks .....	2422	977	413	128	260	-	-	350	-
Toilets .....	2423	767	370	124	166	78	-	47	-
Plumbing fixtures, n.e.c. ....	2429	312	122	43	71	-	-	60	-
Other fixtures, n.e.c. ....	249	547	301	131	113	47	-	-	-
Furniture and fixtures, n.e.c. ....	29	526	294	251	-	-	-	-	-
<b>Machinery .....</b>	<b>3</b>	<b>114,183</b>	<b>78,904</b>	<b>15,522</b>	<b>22,130</b>	<b>39,434</b>	<b>396</b>	<b>2,507</b>	<b>39</b>
Machinery, unspecified .....	30	8,037	6,463	892	1,663	3,749	36	227	-
Agricultural and garden machinery ....	31	2,730	1,709	543	409	685	-	87	-
Agricultural and garden machinery, unspecified .....	310	43	-	-	-	-	-	-	-
Harvesting and threshing machinery .....	311	329	240	58	84	98	-	-	-
Harvesting and threshing machinery, unspecified .....	3110	144	144	-	58	56	-	-	-
Balers .....	3111	62	59	-	-	-	-	-	-
Combines .....	3112	18	-	-	-	-	-	-	-
Harvesters, reapers .....	3113	66	-	-	-	-	-	-	-
Harvesting and threshing machinery, n.e.c. ....	3119	38	-	-	-	-	-	-	-
Mowing machinery .....	312	1,719	1,050	422	247	338	-	-	-
Mowing machinery, unspecified .....	3120	412	260	48	159	53	-	-	-
Lawn mowers— nonriding, powered .....	3121	643	366	99	45	222	-	-	-
Lawn mowers— riding .....	3122	357	178	50	37	51	-	-	-
Mowers— tractor .....	3123	214	208	198	-	-	-	-	-
Mowing machinery, n.e.c. ....	3129	92	37	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery .....	313	163	57	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, unspecified .....	3130	-	-	-	-	-	-	-	-
Plowing and cultivating machinery .....	3131	36	-	-	-	-	-	-	-
Seed planting machinery .....	3132	18	-	-	-	-	-	-	-
Spreading machinery— agricultural .....	3133	42	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, n.e.c. ....	3139	40	20	-	-	-	-	-	-
Other agricultural and garden machinery .....	319	477	336	50	52	224	-	77	-
Other agricultural and garden machinery, unspecified .....	3190	45	-	-	-	-	-	-	-
Dairy and milk processing machinery— specialized .....	3191	16	-	-	-	-	-	-	-
Feed grinders, crushers, mixers— agricultural .....	3192	40	40	-	-	-	-	-	-
Spraying and dusting machinery— agricultural .....	3193	54	42	-	-	18	-	-	-
Agricultural and garden machinery, n.e.c. ....	3199	322	237	-	42	166	-	77	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Light bulbs .....	-	-	-	-	-	-	-	-	-	-
Lighting equipment, n.e.c. ....	75	59	-	54	-	-	-	-	-	-
Plumbing fixtures .....	995	698	-	-	-	-	-	-	-	-
Plumbing fixtures, unspecified ...	46	-	-	-	-	-	-	-	-	-
Bathtubs .....	265	224	-	-	-	-	-	-	-	-
Sinks .....	208	182	-	-	-	-	-	-	-	-
Toilets .....	346	215	-	-	-	-	-	-	-	-
Plumbing fixtures, n.e.c. ....	130	47	-	-	-	-	-	-	-	-
Other fixtures, n.e.c. ....	232	138	-	-	-	-	-	-	-	-
Furniture and fixtures, n.e.c. ....	210	91	-	-	-	-	-	-	-	-
<b>Machinery</b> .....	<b>24,992</b>	<b>12,054</b>	<b>-</b>	<b>4,512</b>	<b>1,468</b>	<b>98</b>	<b>104</b>	<b>60</b>	<b>43</b>	<b>1,164</b>
Machinery, unspecified .....	1,113	448	-	121	-	-	-	-	-	60
Agricultural and garden machinery ....	675	270	-	-	228	-	-	-	-	-
Agricultural and garden machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Harvesting and threshing machinery .....	-	-	-	-	82	-	-	-	-	-
Harvesting and threshing machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Balers .....	-	-	-	-	-	-	-	-	-	-
Combines .....	-	-	-	-	-	-	-	-	-	-
Harvesters, reapers .....	-	-	-	-	63	-	-	-	-	-
Harvesting and threshing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Mowing machinery .....	522	203	-	18	125	-	-	-	-	-
Mowing machinery, unspecified .....	135	68	-	-	-	-	-	-	-	-
Lawn mowers— nonriding, powered .....	273	97	-	-	-	-	-	-	-	-
Lawn mowers— riding .....	58	18	-	-	116	-	-	-	-	-
Mowers— tractor .....	-	-	-	-	-	-	-	-	-	-
Mowing machinery, n.e.c. ....	51	19	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery .....	102	-	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, unspecified .....	20	18	-	-	-	-	-	-	-	-
Plowing and cultivating machinery .....	-	-	-	-	-	-	-	-	-	-
Seed planting machinery .....	-	-	-	-	-	-	-	-	-	-
Spreading machinery— agricultural .....	37	-	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Other agricultural and garden machinery .....	39	-	-	-	17	-	-	-	-	-
Other agricultural and garden machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Dairy and milk processing machinery— specialized .....	-	-	-	-	-	-	-	-	-	-
Feed grinders, crushers, mixers— agricultural .....	-	-	-	-	-	-	-	-	-	-
Spraying and dusting machinery— agricultural .....	-	-	-	-	-	-	-	-	-	-
Agricultural and garden machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Construction, logging, and mining machinery .....	32	6,351	3,868	1,328	901	1,333	133	249	-
Construction, logging, and mining machinery, unspecified .....	320	513	321	201	-	-	-	-	-
Excavating machinery .....	321	1,083	572	212	117	151	44	58	-
Excavating machinery, unspecified .....	3210	51	42	-	-	-	-	-	-
Backhoes .....	3211	598	315	147	49	108	-	49	-
Bulldozers .....	3212	298	154	-	62	-	-	-	-
Trenchers .....	3214	85	37	-	-	-	-	-	-
Excavating machinery, n.e.c. ....	3219	46	-	-	-	-	-	-	-
Loaders .....	322	1,061	773	205	265	215	-	19	-
Loaders, unspecified .....	3220	442	282	96	76	57	-	-	-
Bucket loaders .....	3221	277	230	80	107	-	-	-	-
Front end loaders .....	3223	132	86	-	62	-	-	-	-
Loaders, n.e.c. ....	3229	195	162	-	-	113	-	-	-
Logging and wood processing machinery— specialized .....	323	610	503	173	99	224	-	-	-
Logging and wood processing machinery— specialized, unspecified .....	3230	-	19	-	-	19	-	-	-
Chippers .....	3231	206	180	41	37	98	-	-	-
Log loaders, including heel boom .....	3234	251	215	110	53	50	-	-	-
Forwarder/yarder, skidder .....	3235	-	-	-	-	-	-	-	-
Skidder— cable and grapple .....	3238	20	-	-	-	-	-	-	-
Logging and wood processing machinery— specialized, n.e.c. ....	3239	67	62	-	-	51	-	-	-
Mining and drilling machinery .....	324	1,238	699	189	211	290	48	37	-
Mining and drilling machinery, unspecified .....	3240	677	413	57	187	161	40	-	-
Drilling machines, drilling augers .....	3241	419	240	119	-	105	-	-	-
Tunnelling machines .....	3243	79	-	-	-	18	-	-	-
Road grading and surfacing machinery .....	325	893	376	61	142	164	-	89	-
Road grading and surfacing machinery, unspecified .....	3250	58	53	-	-	49	-	-	-
Asphalt and mortar spreaders ....	3251	42	-	-	-	-	-	-	-
Graders, levellers, planers, scrapers .....	3252	445	220	-	123	75	-	-	-
Steam rollers, road pavers .....	3254	296	72	-	-	-	-	74	-
Road grading and surfacing machinery, n.e.c. ....	3259	47	-	16	-	-	-	-	-
Other construction, logging, and mining machinery .....	329	954	625	285	42	267	-	-	-
Agitators, mixers— earth, mineral .....	3291	223	145	55	-	84	-	-	-
Compactors, crushers, pulverizers— earth, mineral ....	3292	189	132	76	-	-	-	-	-
Pile drivers, tamping machinery .....	3293	248	187	52	-	127	-	-	-
Construction, logging, and mining machinery, n.e.c. ....	3299	261	139	89	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Construction, logging, and mining machinery .....	1,041	365	—	—	959	—	—	—	—	59
Construction, logging, and mining machinery, unspecified .....	127	16	—	—	—	—	—	—	—	—
Excavating machinery .....	133	—	—	—	244	—	—	—	—	20
Excavating machinery, unspecified .....	—	—	—	—	—	—	—	—	—	—
Backhoes .....	—	—	—	—	182	—	—	—	—	—
Bulldozers .....	79	—	—	—	41	—	—	—	—	—
Trenchers .....	—	—	—	—	—	—	—	—	—	—
Excavating machinery, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Loaders .....	—	—	—	—	207	—	—	—	—	—
Loaders, unspecified .....	—	—	—	—	114	—	—	—	—	—
Bucket loaders .....	—	—	—	—	38	—	—	—	—	—
Front end loaders .....	—	—	—	—	37	—	—	—	—	—
Loaders, n.e.c. ....	—	—	—	—	18	—	—	—	—	—
Logging and wood processing machinery— specialized .....	53	—	—	—	—	—	—	—	—	—
Logging and wood processing machinery— specialized, unspecified .....	—	—	—	—	—	—	—	—	—	—
Chippers .....	—	—	—	—	—	—	—	—	—	—
Log loaders, including heel boom .....	—	—	—	—	—	—	—	—	—	—
Forwarder/yarder, skidder .....	—	—	—	—	18	—	—	—	—	—
Skidder— cable and grapple .....	—	—	—	—	—	—	—	—	—	—
Logging and wood processing machinery— specialized, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Mining and drilling machinery .....	380	156	—	—	50	—	—	—	—	—
Mining and drilling machinery, unspecified .....	159	—	—	—	—	—	—	—	—	—
Drilling machines, drilling augers .....	177	118	—	—	—	—	—	—	—	—
Tunnelling machines .....	—	—	—	—	40	—	—	—	—	—
Road grading and surfacing machinery .....	112	51	—	—	300	—	—	—	—	—
Road grading and surfacing machinery, unspecified .....	—	—	—	—	—	—	—	—	—	—
Asphalt and mortar spreaders .....	—	—	—	—	—	—	—	—	—	—
Graders, levellers, planers, scrapers .....	51	—	—	—	153	—	—	—	—	—
Steam rollers, road pavers .....	—	18	—	—	128	—	—	—	—	—
Road grading and surfacing machinery, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Other construction, logging, and mining machinery .....	210	110	—	—	97	—	—	—	—	—
Agitators, mixers— earth, mineral .....	54	—	—	—	—	—	—	—	—	—
Compactors, crushers, pulverizers— earth, mineral .....	37	18	—	—	—	—	—	—	—	—
Pile drivers, tamping machinery .....	44	—	—	—	17	—	—	—	—	—
Construction, logging, and mining machinery, n.e.c. ....	64	38	—	—	53	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Heating, cooling, and cleaning machinery and appliances .....	33	15,785	5,421	2,074	2,459	804	—	318	—
Heating, cooling, and cleaning machinery and appliances, unspecified .....	330	103	19	—	—	—	—	—	—
Cooling and humidifying machinery and appliances .....	331	5,670	2,601	1,110	1,095	347	—	164	—
Cooling and humidifying machinery and appliances, unspecified .....	3310	107	45	—	—	—	—	—	—
Air conditioning units .....	3311	1,771	733	138	519	66	—	19	—
Fans, blowers— wall, floor, ceiling, ventilation .....	3312	1,355	772	216	349	197	—	—	—
Humidifiers, dehumidifiers, vaporizers .....	3313	17	—	—	—	—	—	—	—
Refrigerators, freezers, ice makers .....	3314	2,356	996	715	204	49	—	128	—
Cooling and humidifying machinery and appliances, n.e.c. ....	3319	64	54	—	—	20	—	—	—
Heating and cooking machinery and appliances .....	332	6,138	1,394	434	699	231	—	69	—
Heating and cooking machinery and appliances, unspecified .....	3320	206	74	—	19	36	—	—	—
Beverage heating and percolating equipment and appliances .....	3321	271	46	—	—	42	—	—	—
Broiling and frying equipment and appliances .....	3322	87	43	—	38	—	—	—	—
Fabric pressers and ironing appliances .....	3323	419	124	41	—	68	—	—	—
Furnaces, heaters .....	3324	1,176	238	139	73	16	—	—	—
Kilns .....	3325	—	—	—	—	—	—	—	—
Ranges, cooking ovens, grills, toasters, food warmers .....	3326	3,470	797	221	508	58	—	—	—
Steaming equipment and appliances .....	3327	291	—	—	—	—	—	—	—
Heating and cooking machinery and appliances, n.e.c. ....	3329	189	59	—	41	—	—	—	—
Washers, dryers, and cleaning machinery and appliances .....	333	3,688	1,356	486	659	205	—	86	—
Washers, dryers, and cleaning machinery and appliances, unspecified .....	3330	303	130	79	—	46	—	—	—
Car or vehicle washing machinery .....	3331	99	65	—	40	—	—	—	—
Clothes dryers .....	3332	278	153	83	57	—	—	—	—
Clothes washers .....	3333	589	253	83	160	—	—	—	—
Dish washers .....	3334	327	256	47	189	—	—	19	—
Vacuum cleaners .....	3336	1,385	315	130	162	—	—	54	—
Washers, dryers, and cleaning machinery and appliances, n.e.c. ....	3339	681	171	38	39	92	—	—	—
Heating, cooling, and cleaning machinery and appliances, n.e.c. ....	339	186	50	40	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Heating, cooling, and cleaning machinery and appliances .....	7,177	4,146	—	2,755	—	41	—	—	—	59
Heating, cooling, and cleaning machinery and appliances, unspecified .....	62	40	—	—	—	—	—	—	—	—
Cooling and humidifying machinery and appliances .....	2,872	1,773	—	19	—	—	—	—	—	—
Cooling and humidifying machinery and appliances, unspecified .....	51	—	—	—	—	—	—	—	—	—
Air conditioning units .....	1,012	812	—	—	—	—	—	—	—	—
Fans, blowers— wall, floor, ceiling, ventilation .....	567	393	—	—	—	—	—	—	—	—
Humidifiers, dehumidifiers, vaporizers .....	—	—	—	—	—	—	—	—	—	—
Refrigerators, freezers, ice makers .....	1,216	532	—	—	—	—	—	—	—	—
Cooling and humidifying machinery and appliances, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Heating and cooking machinery and appliances .....	2,198	1,500	—	2,419	—	39	—	—	—	—
Heating and cooking machinery and appliances, unspecified .....	—	—	—	120	—	—	—	—	—	—
Beverage heating and percolating equipment and appliances .....	167	161	—	54	—	—	—	—	—	—
Broiling and frying equipment and appliances .....	41	37	—	—	—	—	—	—	—	—
Fabric pressers and ironing appliances .....	—	—	—	265	—	—	—	—	—	—
Furnaces, heaters .....	820	432	—	66	—	—	—	—	—	—
Kilns .....	—	—	—	17	—	—	—	—	—	—
Ranges, cooking ovens, grills, toasters, food warmers .....	931	714	—	1,686	—	—	—	—	—	—
Steaming equipment and appliances .....	145	126	—	131	—	—	—	—	—	—
Heating and cooking machinery and appliances, n.e.c. ....	51	—	—	76	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances .....	1,915	726	—	291	—	—	—	—	—	36
Washers, dryers, and cleaning machinery and appliances, unspecified .....	168	105	—	—	—	—	—	—	—	—
Car or vehicle washing machinery .....	—	—	—	—	—	—	—	—	—	—
Clothes dryers .....	116	59	—	—	—	—	—	—	—	—
Clothes washers .....	330	216	—	—	—	—	—	—	—	—
Dish washers .....	52	—	—	—	—	—	—	—	—	—
Vacuum cleaners .....	792	271	—	211	—	—	—	—	—	—
Washers, dryers, and cleaning machinery and appliances, n.e.c. ....	450	51	—	52	—	—	—	—	—	—
Heating, cooling, and cleaning machinery and appliances, n.e.c. ....	130	107	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Material handling machinery .....	34	20,849	15,284	3,839	2,632	8,435	167	834	—
Material handling machinery, unspecified .....	340	1,627	1,387	117	140	1,089	—	80	—
Conveyors— gravity .....	341	1,909	1,424	289	493	606	19	74	—
Conveyors— gravity, unspecified .....	3410	430	320	—	165	146	—	—	—
Chutes .....	3411	658	377	149	148	77	—	—	—
Conveyors— roller .....	3412	778	703	131	179	361	—	—	—
Conveyors— powered .....	342	5,445	4,554	314	837	3,377	57	412	—
Conveyors— powered, unspecified .....	3420	1,903	1,527	106	431	976	42	227	—
Conveyors— belt .....	3421	2,496	2,142	95	328	1,710	—	125	—
Conveyors— bucket, cup .....	3422	63	63	—	—	—	—	—	—
Conveyors— chain .....	3423	306	299	—	—	297	—	—	—
Conveyors— live roller .....	3424	323	267	—	—	230	—	43	—
Conveyors— screw, auger .....	3427	84	59	—	—	38	—	—	—
Conveyors— powered, n.e.c. ....	3429	234	171	61	—	81	—	16	—
Cranes .....	343	1,206	724	244	131	330	—	—	—
Cranes, unspecified .....	3430	688	386	127	65	185	—	—	—
Cranes— mobile, truck, rail mounted .....	3434	94	70	55	—	—	—	—	—
Cranes— monorail and underhung .....	3435	16	—	—	—	—	—	—	—
Cranes— overhead .....	3436	172	105	—	—	45	—	—	—
Storage and retrieval hoist systems .....	3438	164	115	—	—	90	—	—	—
Overhead hoists .....	344	909	542	223	142	167	—	—	—
Overhead hoists, unspecified .....	3440	604	371	168	73	122	—	—	—
Overhead hoists— electric powered .....	3441	61	38	—	18	—	—	—	—
Overhead hoists— manual .....	3442	93	—	—	—	—	—	—	—
Overhead hoists— pneumatic powered .....	3443	38	—	—	—	—	—	—	—
Overhead hoists, n.e.c. ....	3449	112	97	—	41	20	—	—	—
Derricks .....	345	65	53	41	—	—	—	—	—
Derricks, unspecified .....	3450	44	—	—	—	—	—	—	—
Elevators .....	346	2,438	1,906	402	293	1,071	65	108	—
Elevators, unspecified .....	3460	744	595	165	62	262	36	19	—
Bucket or basket hoist— truck mounted .....	3461	199	172	—	44	87	—	—	—
Dumbwaiters .....	3462	316	307	—	—	302	—	—	—
Elevators— electric .....	3463	202	175	58	—	95	—	—	—
Elevators— hydraulic .....	3464	99	39	—	—	—	—	17	—
Elevators— hand operated .....	3465	18	—	—	—	—	—	—	—
Manlifts .....	3466	754	519	114	144	250	—	55	—
Elevators, n.e.c. ....	3469	106	85	—	—	37	16	—	—
Jacks .....	347	6,671	4,159	2,095	539	1,437	—	138	—
Jacks, unspecified .....	3470	3,465	2,125	1,109	202	731	—	77	—
Jacks— hydraulic .....	3471	1,058	626	259	231	131	—	—	—
Jacks— mechanical .....	3472	851	564	248	—	310	—	39	—
Jacks— pneumatic .....	3473	59	—	—	—	—	—	—	—
Jacks, n.e.c. ....	3479	1,239	823	480	99	244	—	17	—
Other material handling machinery .....	349	578	535	113	52	352	—	—	—
Winders, unwinders .....	3491	176	163	—	—	145	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Material handling machinery .....	4,011	948	—	83	228	—	37	—	37	185
Material handling machinery, unspecified .....	140	58	—	—	—	—	—	—	—	—
Conveyors— gravity .....	350	238	—	16	—	—	—	—	—	—
Conveyors— gravity, unspecified .....	52	37	—	—	—	—	—	—	—	17
Chutes .....	250	197	—	—	—	—	—	—	—	—
Conveyors— roller .....	—	—	—	—	—	—	—	—	—	—
Conveyors— powered .....	381	152	—	—	—	—	—	—	—	—
Conveyors— powered, unspecified .....	102	—	—	—	—	—	—	—	—	—
Conveyors— belt .....	192	78	—	—	—	—	—	—	—	—
Conveyors— bucket, cup .....	—	—	—	—	—	—	—	—	—	—
Conveyors— chain .....	—	—	—	—	—	—	—	—	—	—
Conveyors— live roller .....	—	—	—	—	—	—	—	—	—	—
Conveyors— screw, auger .....	—	—	—	—	—	—	—	—	—	—
Conveyors— powered, n.e.c. ....	38	19	—	—	—	—	—	—	—	—
Cranes .....	261	16	—	36	160	—	—	—	—	—
Cranes, unspecified .....	117	—	—	—	135	—	—	—	—	—
Cranes— mobile, truck, rail mounted .....	—	—	—	—	—	—	—	—	—	—
Cranes— monorail and underhung .....	—	—	—	—	—	—	—	—	—	—
Cranes— overhead .....	59	—	—	—	—	—	—	—	—	—
Storage and retrieval hoist systems .....	50	—	—	—	—	—	—	—	—	—
Overhead hoists .....	344	107	—	—	—	—	—	—	—	—
Overhead hoists, unspecified .....	222	87	—	—	—	—	—	—	—	—
Overhead hoists— electric powered .....	17	—	—	—	—	—	—	—	—	—
Overhead hoists— manual .....	62	—	—	—	—	—	—	—	—	—
Overhead hoists— pneumatic powered .....	—	—	—	—	—	—	—	—	—	—
Overhead hoists, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Derricks .....	—	—	—	—	—	—	—	—	—	—
Derricks, unspecified .....	—	—	—	—	—	—	—	—	—	—
Elevators .....	237	67	—	—	—	—	—	—	—	99
Elevators, unspecified .....	57	—	—	—	—	—	—	—	—	—
Bucket or basket hoist— truck mounted .....	—	—	—	—	—	—	—	—	—	—
Dumbwaiters .....	—	—	—	—	—	—	—	—	—	—
Elevators— electric .....	—	—	—	—	—	—	—	—	—	—
Elevators— hydraulic .....	44	—	—	—	—	—	—	—	—	—
Elevators— hand operated .....	—	—	—	—	—	—	—	—	—	—
Manlifts .....	112	55	—	—	—	—	—	—	—	55
Elevators, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Jacks .....	2,259	304	—	—	56	—	37	—	37	—
Jacks, unspecified .....	1,210	181	—	—	36	—	—	—	—	—
Jacks— hydraulic .....	427	59	—	—	—	—	—	—	—	—
Jacks— mechanical .....	210	—	—	—	—	—	37	—	37	—
Jacks— pneumatic .....	38	—	—	—	—	—	—	—	—	—
Jacks, n.e.c. ....	374	43	—	—	19	—	—	—	—	—
Other material handling machinery .....	—	—	—	—	—	—	—	—	—	—
Winders, unwinders .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Material handling machinery, n.e.c. ....	3499	403	372	110	36	207	-	-	-
Metal, woodworking, and special material machinery .....	35	24,141	20,194	2,755	5,614	11,298	-	312	-
Metal, woodworking, and special material machinery, unspecified ...	350	1,899	1,655	197	401	1,002	-	-	-
Bending, rolling, shaping machinery .....	351	2,052	1,659	123	260	1,150	-	16	-
Bending, rolling, shaping machinery, unspecified .....	3510	297	224	-	-	178	-	-	-
Bending, crimping machines .....	3511	274	244	-	-	211	-	-	-
Shearing machines .....	3512	452	425	44	142	217	-	-	-
Rolling mills, rolling, calendaring machinery .....	3513	583	545	38	77	344	-	-	-
Bending, rolling, shaping machinery, n.e.c. ....	3519	445	220	-	-	200	-	-	-
Boring, drilling, planing, milling machinery .....	352	2,167	1,789	344	366	991	-	39	-
Boring, drilling, planing, milling machinery, unspecified .....	3520	262	212	-	55	142	-	17	-
Drills— stationary .....	3521	1,099	899	227	85	502	-	16	-
Planing machines .....	3522	120	107	-	48	59	-	-	-
Milling machines .....	3523	335	263	19	64	174	-	-	-
Reaming machines .....	3524	48	39	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, n.e.c. ....	3529	303	269	82	90	98	-	-	-
Extruding, injecting, forming, molding machinery .....	353	1,622	1,149	168	242	701	-	65	-
Extruding, injecting, forming, molding machinery, unspecified .....	3530	450	333	-	102	204	-	48	-
Casting machinery .....	3531	382	269	66	38	157	-	-	-
Extruding machinery .....	3532	219	146	-	-	108	-	-	-
Forging machinery .....	3533	225	110	42	-	39	-	-	-
Plastic injection molding machinery .....	3534	198	172	-	42	107	-	-	-
Extruding, injecting, forming, molding machinery, n.e.c. ....	3539	147	119	-	-	86	-	-	-
Grinding, polishing machinery .....	354	2,201	2,088	447	640	929	-	-	-
Grinding, polishing machinery, unspecified .....	3540	742	685	111	190	362	-	-	-
Grinders, abraders .....	3541	1,130	1,082	279	367	400	-	-	-
Honing, polishing, lapping machinery .....	3542	150	146	-	-	108	-	-	-
Grinding, polishing machinery, n.e.c. ....	3549	179	175	52	55	58	-	-	-
Lathes .....	355	951	835	243	213	380	-	-	-
Lathes, unspecified .....	3550	468	381	64	88	229	-	-	-
Metalworking lathes .....	3551	288	268	157	-	77	-	-	-
Lathes, n.e.c. ....	3559	164	159	-	77	61	-	-	-
Presses, except printing .....	356	4,363	3,379	458	324	2,577	-	94	-
Presses, except printing, unspecified .....	3560	1,295	1,035	140	108	781	-	80	-
Assembly presses .....	3561	274	240	-	-	198	-	-	-
Brake presses .....	3562	429	386	-	-	367	-	-	-
Punch presses .....	3563	1,165	1,091	231	-	816	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Material handling machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Metal, woodworking, and special material machinery .....	2,002	567	-	884	-	17	-	-	-	707
Metal, woodworking, and special material machinery, unspecified ...	156	39	-	52	-	-	-	-	-	-
Bending, rolling, shaping machinery .....	143	-	-	-	-	-	-	-	-	223
Bending, rolling, shaping machinery, unspecified .....	59	-	-	-	-	-	-	-	-	-
Bending, crimping machines .....	-	-	-	-	-	-	-	-	-	-
Shearing machines .....	-	-	-	-	-	-	-	-	-	-
Rolling mills, rolling, calendering machinery .....	-	-	-	-	-	-	-	-	-	-
Bending, rolling, shaping machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	223
Boring, drilling, planing, milling machinery .....	302	116	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Drills— stationary .....	156	36	-	-	-	-	-	-	-	-
Planing machines .....	-	-	-	-	-	-	-	-	-	-
Milling machines .....	62	43	-	-	-	-	-	-	-	-
Reaming machines .....	-	-	-	-	-	-	-	-	-	-
Boring, drilling, planing, milling machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery .....	295	85	-	94	-	17	-	-	-	-
Extruding, injecting, forming, molding machinery, unspecified .....	62	-	-	-	-	-	-	-	-	-
Casting machinery .....	84	-	-	18	-	-	-	-	-	-
Extruding machinery .....	60	-	-	-	-	-	-	-	-	-
Forging machinery .....	48	-	-	53	-	-	-	-	-	-
Plastic injection molding machinery .....	17	-	-	-	-	-	-	-	-	-
Extruding, injecting, forming, molding machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery .....	93	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery, unspecified .....	57	-	-	-	-	-	-	-	-	-
Grinders, abraders .....	-	-	-	-	-	-	-	-	-	-
Honing, polishing, lapping machinery .....	-	-	-	-	-	-	-	-	-	-
Grinding, polishing machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Lathes .....	100	40	-	-	-	-	-	-	-	-
Lathes, unspecified .....	80	36	-	-	-	-	-	-	-	-
Metalworking lathes .....	-	-	-	-	-	-	-	-	-	-
Lathes, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Presses, except printing .....	370	60	-	62	-	-	-	-	-	456
Presses, except printing, unspecified .....	152	-	-	-	-	-	-	-	-	-
Assembly presses .....	-	-	-	-	-	-	-	-	-	-
Brake presses .....	43	-	-	-	-	-	-	-	-	-
Punch presses .....	72	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Presses, except printing, n.e.c. ....	3569	1,200	626	66	144	415	-	-	-
Sawing machinery— stationary .....	357	6,728	6,455	570	3,007	2,755	-	18	-
Sawing machinery— stationary, unspecified .....	3570	1,710	1,611	171	610	804	-	-	-
Arm saws, radial arm saws .....	3571	301	301	36	85	118	-	-	-
Band saws .....	3572	1,377	1,355	142	660	540	-	-	-
Table saws .....	3573	2,320	2,267	106	1,251	904	-	-	-
Sawing machinery— stationary, n.e.c. ....	3579	1,021	922	116	400	389	-	-	-
Threading and tapping machines ...	358	118	73	-	-	58	-	-	-
Other metal, woodworking, and special material machinery .....	359	2,040	1,113	196	154	756	-	-	-
Electrochemical and discharge machinery (EDM) .....	3591	43	-	-	-	-	-	-	-
Laser cutting machinery .....	3592	-	-	20	-	-	-	-	-
Spot welding machinery .....	3594	1,094	312	76	54	182	-	-	-
Metal, woodworking, and special material machinery, n.e.c. ....	3599	874	751	99	98	546	-	-	-
Office and business machinery .....	36	4,436	1,253	531	439	264	-	74	-
Office and business machinery, unspecified .....	360	100	40	-	-	-	-	-	-
Electronic computers and peripheral equipment .....	361	2,681	447	310	78	57	-	-	-
Electronic computers and peripheral equipment, unspecified .....	3610	212	44	-	-	-	-	-	-
Cathode ray tubes (CRTs) and video display terminals (VDTs) .....	3611	562	-	-	-	-	-	-	-
Computers— electronic .....	3612	1,044	206	163	40	-	-	-	-
Keyboards— computer .....	3613	291	65	53	-	-	-	-	-
Printers and plotters— computer .....	3615	299	56	-	18	-	-	-	-
Electronic computers and peripheral equipment, n.e.c. ....	3619	245	57	37	-	-	-	-	-
Office, banking, and retail machinery .....	362	1,656	766	187	359	206	-	67	-
Office, banking, and retail machinery, unspecified .....	3620	74	71	37	-	-	-	-	-
Automated teller machines .....	3621	38	-	-	-	-	-	-	-
Calculating machines and cash registers .....	3622	332	190	46	127	-	-	-	-
Mailing and metering machines .....	3624	213	196	-	96	99	-	-	-
Photocopiers .....	3625	586	133	77	-	-	-	41	-
Typewriters and word processing equipment .....	3626	39	-	-	-	-	-	-	-
Office, banking, and retail machinery, n.e.c. ....	3629	360	136	-	54	68	-	-	-
Special process machinery .....	37	20,893	18,057	1,976	6,589	9,366	-	157	-
Special process machinery, unspecified .....	370	180	149	-	-	74	-	-	-
Food and beverage processing machinery— specialized .....	371	9,430	9,076	872	4,532	3,606	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Presses, except printing, n.e.c. ....	73	—	—	36	—	—	—	—	—	455
Sawing machinery— stationary .....	247	73	—	—	—	—	—	—	—	—
Sawing machinery— stationary, unspecified .....	98	—	—	—	—	—	—	—	—	—
Arm saws, radial arm saws .....	—	—	—	—	—	—	—	—	—	—
Band saws .....	—	—	—	—	—	—	—	—	—	—
Table saws .....	39	—	—	—	—	—	—	—	—	—
Sawing machinery— stationary, n.e.c. ....	95	—	—	—	—	—	—	—	—	—
Threading and tapping machines ...	40	—	—	—	—	—	—	—	—	—
Other metal, woodworking, and special material machinery .....	255	121	—	649	—	—	—	—	—	—
Electrochemical and discharge machinery (EDM) .....	—	—	—	—	—	—	—	—	—	—
Laser cutting machinery .....	—	—	—	—	—	—	—	—	—	—
Spot welding machinery .....	168	79	—	614	—	—	—	—	—	—
Metal, woodworking, and special material machinery, n.e.c. ....	70	—	—	—	—	—	—	—	—	—
Office and business machinery .....	3,049	2,161	—	16	—	—	—	—	—	—
Office and business machinery, unspecified .....	37	—	—	—	—	—	—	—	—	17
Electronic computers and peripheral equipment .....	2,210	1,810	—	—	—	—	—	—	—	—
Electronic computers and peripheral equipment, unspecified .....	164	128	—	—	—	—	—	—	—	—
Cathode ray tubes (CRTs) and video display terminals (VDTs) .....	543	506	—	—	—	—	—	—	—	—
Computers— electronic .....	833	676	—	—	—	—	—	—	—	—
Keyboards— computer .....	225	176	—	—	—	—	—	—	—	—
Printers and plotters— computer .....	236	215	—	—	—	—	—	—	—	—
Electronic computers and peripheral equipment, n.e.c. ....	185	110	—	—	—	—	—	—	—	—
Office, banking, and retail machinery .....	802	342	—	—	—	—	—	—	—	—
Office, banking, and retail machinery, unspecified .....	—	—	—	—	—	—	—	—	—	—
Automated teller machines .....	—	—	—	—	—	—	—	—	—	—
Calculating machines and cash registers .....	121	97	—	—	—	—	—	—	—	—
Mailing and metering machines .....	17	—	—	—	—	—	—	—	—	—
Photocopiers .....	395	212	—	—	—	—	—	—	—	—
Typewriters and word processing equipment .....	—	—	—	—	—	—	—	—	—	—
Office, banking, and retail machinery, n.e.c. ....	221	—	—	—	—	—	—	—	—	—
Special process machinery .....	2,155	1,024	—	471	—	—	—	—	—	40
Special process machinery, unspecified .....	—	—	—	—	—	—	—	—	—	—
Food and beverage processing machinery— specialized .....	271	119	—	65	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Food and beverage processing machinery— specialized, unspecified .....	3710	402	393	—	124	230	—	—	—
Food slicers .....	3711	6,792	6,596	566	3,743	2,234	—	—	—
Meat grinders .....	3713	351	351	140	65	147	—	—	—
Mixers, blenders, whippers— food and beverage .....	3714	623	584	—	258	303	—	—	—
Food and beverage processing machinery— specialized, n.e.c. ....	3719	1,241	1,132	100	339	688	—	—	—
Medical, surgical, and X-ray machinery and equipment .....	372	944	325	137	156	—	—	19	—
Medical, surgical, and X-ray machinery and equipment, unspecified .....	3720	311	53	—	—	—	—	—	—
Medical machinery and equipment, except X-ray .....	3721	235	93	38	40	—	—	—	—
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment .....	3722	186	63	—	—	—	—	—	—
Medical, surgical, and X-ray machinery and equipment, n.e.c. ....	3729	212	116	53	58	—	—	—	—
Packaging, bottling, wrapping machinery .....	373	2,413	2,167	246	380	1,535	—	—	—
Packaging, bottling, wrapping machinery, unspecified .....	3730	271	254	—	54	183	—	—	—
Bottling, canning, filling machinery .....	3731	255	243	53	38	152	—	—	—
Packaging, wrapping, bundling machinery .....	3732	1,087	987	100	134	752	—	18	—
Product labeling machinery .....	3733	50	36	—	—	—	—	—	—
Sealing, stapling machinery .....	3734	336	279	58	38	183	—	—	—
Packaging, bottling, wrapping machinery, n.e.c. ....	3739	414	368	—	113	241	—	—	—
Paper production machinery .....	374	864	769	78	102	584	—	—	—
Paper production machinery, unspecified .....	3740	288	258	—	—	224	—	—	—
Coaters— paper production .....	3742	43	—	—	—	18	—	—	—
Formers— paper production .....	3744	—	19	—	—	—	—	—	—
Slitters, winders— paper production .....	3745	229	212	—	37	173	—	—	—
Paper production machinery, n.e.c. ....	3749	238	206	39	—	131	—	—	—
Printing machinery and equipment .....	375	3,184	2,746	139	489	2,105	—	48	—
Printing machinery and equipment, unspecified .....	3750	385	313	20	86	201	—	—	—
Bindery machinery .....	3751	541	517	—	46	466	—	—	—
Engraving machinery .....	3752	80	61	—	47	—	—	—	—
Presses— printing .....	3753	1,717	1,534	71	264	1,195	—	—	—
Printing machinery and equipment, n.e.c. ....	3759	458	315	37	42	234	—	—	—
Textile, apparel, leather production machinery .....	376	2,040	1,784	186	592	992	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Food and beverage processing machinery— specialized, unspecified .....	-	-	-	-	-	-	-	-	-	-
Food slicers .....	139	74	-	57	-	-	-	-	-	-
Meat grinders .....	-	-	-	-	-	-	-	-	-	-
Mixers, blenders, whippers— food and beverage .....	38	17	-	-	-	-	-	-	-	-
Food and beverage processing machinery— specialized, n.e.c. ....	85	-	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment .....	476	124	-	120	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment, unspecified .....	152	53	-	105	-	-	-	-	-	-
Medical machinery and equipment, except X-ray .....	129	39	-	-	-	-	-	-	-	-
X-ray, magnetic resonance imaging (MRIs) and fluoroscope machinery and equipment .....	115	-	-	-	-	-	-	-	-	-
Medical, surgical, and X-ray machinery and equipment, n.e.c. ....	80	-	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery .....	99	-	-	109	-	-	-	-	-	-
Packaging, bottling, wrapping machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bottling, canning, filling machinery .....	-	-	-	-	-	-	-	-	-	-
Packaging, wrapping, bundling machinery .....	-	-	-	60	-	-	-	-	-	-
Product labeling machinery .....	-	-	-	-	-	-	-	-	-	-
Sealing, stapling machinery .....	-	-	-	-	-	-	-	-	-	-
Packaging, bottling, wrapping machinery, n.e.c. ....	-	-	-	17	-	-	-	-	-	-
Paper production machinery .....	89	-	-	-	-	-	-	-	-	-
Paper production machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Coaters— paper production .....	-	-	-	-	-	-	-	-	-	-
Formers— paper production .....	-	-	-	-	-	-	-	-	-	-
Slitters, winders— paper production .....	-	-	-	-	-	-	-	-	-	-
Paper production machinery, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Printing machinery and equipment .....	248	105	-	140	-	-	-	-	-	-
Printing machinery and equipment, unspecified .....	65	-	-	-	-	-	-	-	-	-
Bindery machinery .....	-	-	-	-	-	-	-	-	-	-
Engraving machinery .....	17	-	-	-	-	-	-	-	-	-
Presses— printing .....	114	54	-	-	-	-	-	-	-	-
Printing machinery and equipment, n.e.c. ....	40	-	-	101	-	-	-	-	-	-
Textile, apparel, leather production machinery .....	183	71	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Textile, apparel, leather production machinery, unspecified .....	3760	235	205	—	72	98	—	—	—
Knitting machinery .....	3762	71	56	—	38	—	—	—	—
Picking, carding, combing machinery .....	3763	61	61	—	17	44	—	—	—
Sewing, stitching machinery .....	3764	916	792	82	232	475	—	—	—
Spinning machinery .....	3765	155	117	—	18	94	—	—	—
Weaving machinery .....	3766	150	128	—	37	67	—	—	—
Textile, apparel, leather production machinery, n.e.c. ...	3769	428	403	—	178	186	—	—	—
Other special process machinery ...	379	1,839	1,041	289	311	438	—	—	—
Other special process machinery, unspecified .....	3790	—	19	—	—	19	—	—	—
Paint mixing machinery .....	3795	—	18	—	—	18	—	—	—
Painting, priming, metal coating machinery .....	3796	64	46	—	18	—	—	—	—
Pumps .....	3797	1,097	458	205	179	75	—	16	—
Special process machinery, n.e.c. ....	3799	603	482	58	113	308	—	—	—
Miscellaneous machinery .....	39	10,961	6,657	1,584	1,424	3,501	—	251	—
Audio and video equipment .....	391	2,242	710	431	219	45	—	—	—
Radios, stereos, and other audio equipment .....	3911	370	131	75	56	—	—	—	—
Telephones and communication equipment .....	3912	210	68	38	—	—	—	—	—
Televisions .....	3913	1,497	399	249	143	—	—	—	—
Video players and recorders—tape and disk .....	3914	65	56	56	—	—	—	—	—
Audio and video equipment, n.e.c. ....	3919	73	51	—	—	—	—	—	—
Product assembly machinery, n.e.c. ....	392	385	267	—	53	145	—	—	—
Product testing, inspecting, and diagnostic machinery, n.e.c. ....	393	146	89	—	—	49	—	—	—
Other machinery .....	399	8,188	5,590	1,084	1,146	3,262	—	230	—
Other machinery, unspecified ....	3990	532	347	41	68	238	—	—	—
Air compressors .....	3991	1,032	359	165	88	92	—	16	—
Garbage disposals .....	3992	51	45	—	—	—	—	—	—
Snowblowers .....	3994	331	251	—	89	158	—	—	—
Snow plows .....	3995	170	100	86	—	—	—	—	—
Street sweeping and cleaning machinery .....	3996	65	—	—	—	—	—	—	—
Trash compactors .....	3997	297	150	18	54	78	—	101	—
Vending machines .....	3998	501	270	116	100	47	—	39	—
Machinery, n.e.c. ....	3999	5,194	4,054	636	737	2,610	—	56	—
<b>Parts and materials</b> .....	4	192,005	98,571	59,237	26,616	10,211	1,229	3,396	205
Parts and materials, unspecified .....	40	14,180	4,140	2,670	775	562	18	75	—
Building materials— solid elements ...	41	79,185	44,186	25,913	12,942	4,567	965	2,037	98
Building materials— solid elements, unspecified .....	410	679	93	46	19	—	—	—	—
Bricks, blocks, structural stone .....	411	5,746	2,998	1,593	401	969	45	141	—
Bricks, blocks, structural stone, unspecified .....	4110	892	390	268	100	—	—	—	—
Bricks and pavers .....	4111	1,188	934	166	—	762	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Textile, apparel, leather production machinery, unspecified .....	16	-	-	-	-	-	-	-	-	-
Knitting machinery .....	-	-	-	-	-	-	-	-	-	-
Picking, carding, combing machinery .....	-	-	-	-	-	-	-	-	-	-
Sewing, stitching machinery .....	102	44	-	-	-	-	-	-	-	-
Spinning machinery .....	-	-	-	-	-	-	-	-	-	-
Weaving machinery .....	-	-	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery, n.e.c. ...	-	-	-	-	-	-	-	-	-	-
Other special process machinery ...	763	536	-	-	-	-	-	-	-	-
Other special process machinery, unspecified .....	-	-	-	-	-	-	-	-	-	-
Paint mixing machinery .....	-	-	-	-	-	-	-	-	-	-
Painting, priming, metal coating machinery .....	19	-	-	-	-	-	-	-	-	-
Pumps .....	619	478	-	-	-	-	-	-	-	-
Special process machinery, n.e.c. ....	106	40	-	-	-	-	-	-	-	-
Miscellaneous machinery .....	3,770	2,124	-	126	53	-	50	50	-	19
Audio and video equipment .....	1,453	1,098	-	-	-	-	50	50	-	-
Radios, stereos, and other audio equipment .....	227	189	-	-	-	-	-	-	-	-
Telephones and communication equipment .....	81	-	-	-	-	-	43	43	-	-
Televisions .....	1,093	859	-	-	-	-	-	-	-	-
Video players and recorders—tape and disk .....	-	-	-	-	-	-	-	-	-	-
Audio and video equipment, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Product assembly machinery, n.e.c. ....	107	-	-	-	-	-	-	-	-	-
Product testing, inspecting, and diagnostic machinery, n.e.c. ....	55	-	-	-	-	-	-	-	-	-
Other machinery .....	2,155	1,001	-	112	53	-	-	-	-	-
Other machinery, unspecified ....	172	-	-	-	-	-	-	-	-	-
Air compressors .....	622	523	-	-	-	-	-	-	-	-
Garbage disposals .....	-	-	-	-	-	-	-	-	-	-
Snowblowers .....	74	17	-	-	-	-	-	-	-	-
Snow plows .....	56	49	-	-	-	-	-	-	-	-
Street sweeping and cleaning machinery .....	-	-	-	-	-	-	-	-	-	-
Trash compactors .....	44	-	-	-	-	-	-	-	-	-
Vending machines .....	193	-	-	-	-	-	-	-	-	-
Machinery, n.e.c. ....	967	322	-	75	-	-	-	-	-	-
<b>Parts and materials</b> .....	80,196	46,276	-	6,319	-	606	89	86	-	1,395
Parts and materials, unspecified .....	9,546	5,564	-	137	-	-	-	-	-	259
Building materials—solid elements ...	30,808	18,776	-	362	-	62	70	70	-	598
Building materials—solid elements, unspecified .....	585	401	-	-	-	-	-	-	-	-
Bricks, blocks, structural stone .....	2,479	1,929	-	18	-	-	-	-	-	60
Bricks, blocks, structural stone, unspecified .....	483	356	-	-	-	-	-	-	-	-
Bricks and pavers .....	232	182	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Concrete blocks, cinder blocks ..	4112	2,947	1,340	931	228	161	36	95	—
Structural stones or slabs, n.e.c. ....	4113	422	172	94	46	—	—	—	—
Bricks, blocks, structural stone, n.e.c. ....	4119	297	163	134	—	—	—	—	—
Pipes, ducts, tubing .....	412	13,914	7,676	4,028	2,376	1,126	224	215	—
Pipes, ducts, tubing, unspecified .....	4120	5,706	2,963	1,544	1,024	351	—	122	—
Concrete or clay pipes and conduits .....	4121	841	412	129	170	108	—	—	—
Ducts .....	4122	1,290	790	376	340	—	—	—	—
Metal pipe, tubing .....	4123	4,964	2,948	1,661	621	632	187	50	—
Pipe fittings .....	4124	265	102	66	—	—	—	18	—
Plastic or rubber pipe and tubing .....	4125	272	149	79	61	—	—	—	—
Pipes, ducts, tubing, n.e.c. ....	4129	576	312	173	131	—	—	—	—
Structural metal materials .....	413	29,829	18,937	10,866	6,053	1,609	346	1,320	18
Structural metal materials, unspecified .....	4130	2,626	1,599	1,047	438	86	—	133	—
Angle iron .....	4131	1,152	775	510	209	54	—	42	—
Bars, rods, reinforcing bar (rebar) .....	4132	5,308	3,065	1,937	846	223	—	316	—
Beams .....	4133	5,046	3,343	2,102	719	511	—	285	—
Grates .....	4134	916	483	283	129	42	94	85	—
Plates, metal panels .....	4135	4,800	2,821	1,811	672	298	17	111	—
Rails .....	4136	1,237	704	241	416	44	40	217	—
Sheet metal .....	4137	4,578	3,394	1,059	2,056	56	77	—	—
Structural metal materials, n.e.c. ....	4139	4,165	2,752	1,876	568	297	—	116	—
Tiles, shingles .....	414	1,617	790	498	100	179	—	—	—
Tiles, shingles, unspecified .....	4140	210	56	43	—	—	—	—	—
Ceiling tiles .....	4141	428	368	350	—	—	—	—	—
Ceramic or stone tiles— drain, roof, multipurpose .....	4142	145	106	60	37	—	—	—	—
Roof shingles, except tile .....	4143	604	222	40	—	167	—	—	—
Vinyl floor tiles .....	4144	104	—	—	—	—	—	—	—
Tiles, shingles, n.e.c. ....	4149	127	38	—	—	—	—	—	—
Wood, lumber .....	415	20,001	10,480	7,216	2,591	566	72	289	41
Wood, lumber, unspecified .....	4150	5,972	3,318	2,101	904	282	—	50	—
Dimensional lumber: 2x4, 2x3, etc. ....	4151	7,056	3,879	2,748	929	180	52	78	—
Plywood, wood paneling, particle, chip, flake board .....	4152	3,679	1,691	1,199	377	73	—	62	—
Wood pieces, trim pieces, n.e.c. ....	4153	872	654	450	183	—	—	48	—
Wood, lumber, n.e.c. ....	4159	2,422	939	717	199	—	—	51	17
Other building materials— solid elements .....	419	7,398	3,212	1,666	1,403	94	278	50	—
Other building materials— solid elements, unspecified .....	4190	106	54	—	19	—	—	—	—
Fencing and screening materials, n.e.c. ....	4191	155	101	36	53	—	—	—	—
Flashing .....	4192	44	39	—	—	—	—	—	—
Glass, window panes .....	4193	2,011	1,207	705	485	—	—	—	—
Gutters, downspouts .....	4194	548	479	19	444	—	—	—	—
Sheet flooring .....	4195	64	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Concrete blocks, cinder blocks ..	1,423	1,161	-	-	-	-	-	-	-	46
Structural stones or slabs, n.e.c. ....	216	144	-	-	-	-	-	-	-	-
Bricks, blocks, structural stone, n.e.c. ....	126	86	-	-	-	-	-	-	-	-
Pipes, ducts, tubing .....	5,561	2,929	-	105	-	38	-	-	-	-
Pipes, ducts, tubing, unspecified .....	2,501	1,072	-	42	-	-	-	-	-	-
Concrete or clay pipes and conduits .....	394	284	-	-	-	-	-	-	-	-
Ducts .....	493	289	-	-	-	-	-	-	-	-
Metal pipe, tubing .....	1,671	1,004	-	47	-	-	-	-	-	-
Pipe fittings .....	143	97	-	-	-	-	-	-	-	-
Plastic or rubber pipe and tubing .....	110	71	-	-	-	-	-	-	-	-
Pipes, ducts, tubing, n.e.c. ....	248	113	-	-	-	-	-	-	-	-
Structural metal materials .....	8,871	5,210	-	157	-	-	-	-	-	155
Structural metal materials, unspecified .....	825	495	-	-	-	-	-	-	-	-
Angle iron .....	307	227	-	-	-	-	-	-	-	-
Bars, rods, reinforcing bar (rebar) .....	1,727	684	-	84	-	-	-	-	-	67
Beams .....	1,354	728	-	-	-	-	-	-	-	-
Grates .....	245	176	-	-	-	-	-	-	-	-
Plates, metal panels .....	1,820	1,263	-	-	-	-	-	-	-	-
Rails .....	259	135	-	-	-	-	-	-	-	-
Sheet metal .....	1,092	696	-	-	-	-	-	-	-	-
Structural metal materials, n.e.c. ....	1,243	808	-	17	-	-	-	-	-	-
Tiles, shingles .....	798	498	-	-	-	-	-	-	-	-
Tiles, shingles, unspecified .....	147	114	-	-	-	-	-	-	-	-
Ceiling tiles .....	60	55	-	-	-	-	-	-	-	-
Ceramic or stone tiles— drain, roof, multipurpose .....	-	-	-	-	-	-	-	-	-	-
Roof shingles, except tile .....	373	194	-	-	-	-	-	-	-	-
Vinyl floor tiles .....	94	56	-	-	-	-	-	-	-	-
Tiles, shingles, n.e.c. ....	89	55	-	-	-	-	-	-	-	-
Wood, lumber .....	8,797	5,611	-	-	-	-	-	-	-	313
Wood, lumber, unspecified .....	2,530	1,414	-	-	-	-	-	-	-	68
Dimensional lumber: 2x4, 2x3, etc. ....	2,925	1,935	-	-	-	-	-	-	-	123
Plywood, wood paneling, particle, chip, flake board .....	1,888	1,378	-	-	-	-	-	-	-	-
Wood pieces, trim pieces, n.e.c. ....	120	79	-	-	-	-	-	-	-	-
Wood, lumber, n.e.c. ....	1,334	805	-	-	-	-	-	-	-	80
Other building materials— solid elements .....	3,717	2,197	-	69	-	19	-	-	-	42
Other building materials— solid elements, unspecified .....	52	-	-	-	-	-	-	-	-	-
Fencing and screening materials, n.e.c. ....	48	38	-	-	-	-	-	-	-	-
Flashing .....	-	-	-	-	-	-	-	-	-	-
Glass, window panes .....	703	520	-	62	-	19	-	-	-	-
Gutters, downspouts .....	58	-	-	-	-	-	-	-	-	-
Sheet flooring .....	60	37	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Siding— aluminum, vinyl .....	4196	582	245	105	133	—	—	—	—
Structural hardware, n.e.c. ....	4197	244	214	111	66	—	—	—	—
Wallboard, drywall .....	4198	2,666	568	469	77	—	214	—	—
Other building materials— solid elements, n.e.c. ....	4199	977	301	167	102	18	59	—	—
Fasteners, connectors, ropes, ties .....	42	25,060	20,210	11,324	7,174	1,062	44	341	—
Fasteners .....	421	13,035	12,187	5,709	5,978	196	—	132	—
Fasteners, unspecified .....	4210	145	120	112	—	—	—	—	—
Clamps, couplings .....	4211	668	566	232	76	153	—	—	—
Nails, brads, tacks .....	4212	8,863	8,727	3,624	4,963	—	—	84	—
Nuts, bolts, washers .....	4213	1,060	681	327	320	—	—	—	—
Rivets .....	4214	145	130	113	—	—	—	—	—
Screws .....	4215	420	381	155	178	—	—	—	—
Spikes .....	4216	56	45	—	—	—	—	—	—
Staples .....	4217	1,000	996	744	252	—	—	—	—
Fasteners, n.e.c. ....	4219	678	540	370	157	—	—	16	—
Ropes, ties .....	422	10,608	7,365	5,265	1,062	726	—	196	17
Ropes, ties, unspecified .....	4220	376	240	179	—	—	—	—	—
Bands .....	4221	961	825	487	259	20	—	—	—
Bungee cords .....	4222	250	189	151	38	—	—	—	—
Chains, n.e.c. ....	4223	4,456	3,094	2,666	47	376	—	110	—
Rope, twine, string .....	4224	674	389	193	—	155	—	—	—
Strapping .....	4225	1,065	667	422	108	70	—	66	—
Wire— nonelectrical .....	4226	2,385	1,657	946	542	44	—	—	—
Ropes, ties, n.e.c. ....	4229	440	303	221	50	—	—	—	—
Valves, nozzles .....	423	926	433	178	120	123	—	—	—
Fasteners, connectors, ropes, ties, n.e.c. ....	429	461	202	161	—	17	—	—	—
Hoisting accessories .....	43	1,053	821	413	203	145	—	16	—
Hoisting accessories, unspecified ..	430	97	69	42	—	—	—	—	—
Fixtures, load indicators .....	431	117	88	46	—	20	—	—	—
Hooks, shackles, magnets, clamshells .....	432	632	520	209	172	84	—	—	—
Slings .....	433	62	41	39	—	—	—	—	—
Hoisting accessories, n.e.c. ....	439	144	105	76	—	—	—	—	—
Machine, tool, and electric parts .....	44	25,374	11,434	6,894	2,102	2,148	38	205	—
Machine, tool, and electric parts, unspecified .....	440	696	229	134	53	—	—	—	—
Electric parts .....	441	8,724	2,296	1,370	506	322	18	77	—
Electric parts, unspecified .....	4410	325	87	69	—	—	—	—	—
Electrical wiring .....	4411	4,193	1,049	630	212	174	—	—	—
Generators .....	4412	727	73	45	20	—	—	—	—
Motors .....	4414	1,378	470	325	36	71	—	—	—
Power lines, transformers, convertors .....	4415	586	156	62	63	—	—	—	—
Relays, rheostats, starters, controls .....	4416	163	36	—	—	—	—	—	—
Switchboards, switches, fuses ...	4417	510	107	—	44	—	—	—	—
Electric parts, n.e.c. ....	4419	838	314	197	89	—	—	—	—
Machine and appliance parts .....	442	13,779	7,227	4,226	1,199	1,715	19	108	—
Machine and appliance parts, unspecified .....	4420	1,522	805	460	245	99	—	—	—
Dies, molds, patterns .....	4421	3,811	1,880	1,074	344	458	—	—	—
Drives— chain, leather, fabric, vee belt .....	4422	458	127	82	—	37	—	—	—
Drums, pulleys, sheaves .....	4423	2,220	952	452	136	343	—	52	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Siding— aluminum, vinyl .....	332	218	—	—	—	—	—	—	—	—
Structural hardware, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Wallboard, drywall .....	1,849	1,070	—	—	—	—	—	—	—	16
Other building materials— solid elements, n.e.c. ....	581	273	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties .....	4,201	1,041	—	66	—	—	—	—	—	153
Fasteners .....	640	192	—	—	—	—	—	—	—	—
Fasteners, unspecified .....	—	—	—	—	—	—	—	—	—	—
Clamps, couplings .....	75	—	—	—	—	—	—	—	—	—
Nails, brads, tacks .....	—	—	—	—	—	—	—	—	—	18
Nuts, bolts, washers .....	354	116	—	—	—	—	—	—	—	—
Rivets .....	—	—	—	—	—	—	—	—	—	—
Screws .....	—	—	—	—	—	—	—	—	—	—
Spikes .....	—	—	—	—	—	—	—	—	—	—
Staples .....	—	—	—	—	—	—	—	—	—	—
Fasteners, n.e.c. ....	121	—	—	—	—	—	—	—	—	—
Ropes, ties .....	2,847	414	—	55	—	—	—	—	—	116
Ropes, ties, unspecified .....	131	—	—	—	—	—	—	—	—	—
Bands .....	110	58	—	—	—	—	—	—	—	20
Bungee cords .....	61	—	—	—	—	—	—	—	—	—
Chains, n.e.c. ....	1,177	164	—	—	—	—	—	—	—	67
Rope, twine, string .....	279	—	—	—	—	—	—	—	—	—
Strapping .....	327	17	—	—	—	—	—	—	—	—
Wire— nonelectrical .....	645	138	—	—	—	—	—	—	—	—
Ropes, ties, n.e.c. ....	117	—	—	—	—	—	—	—	—	—
Valves, nozzles .....	449	218	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties, n.e.c. ....	259	214	—	—	—	—	—	—	—	—
Hoisting accessories .....	215	96	—	—	—	—	—	—	—	—
Hoisting accessories, unspecified ..	—	—	—	—	—	—	—	—	—	—
Fixtures, load indicators .....	—	—	—	—	—	—	—	—	—	—
Hooks, shackles, magnets, clamshells .....	98	43	—	—	—	—	—	—	—	—
Slings .....	—	—	—	—	—	—	—	—	—	—
Hoisting accessories, n.e.c. ....	40	—	—	—	—	—	—	—	—	—
Machine, tool, and electric parts .....	10,778	5,297	—	2,628	—	110	—	—	—	172
Machine, tool, and electric parts, unspecified .....	450	223	—	—	—	—	—	—	—	—
Electric parts .....	3,593	1,677	—	2,545	—	109	—	—	—	79
Electric parts, unspecified .....	140	57	—	85	—	—	—	—	—	—
Electrical wiring .....	1,198	146	—	1,903	—	—	—	—	—	—
Generators .....	636	483	—	—	—	—	—	—	—	—
Motors .....	835	594	—	41	—	—	—	—	—	—
Power lines, transformers, convertors .....	243	136	—	174	—	—	—	—	—	—
Relays, rheostats, starters, controls .....	46	—	—	54	—	—	—	—	—	—
Switchboards, switches, fuses ...	183	—	—	124	—	18	—	—	—	52
Electric parts, n.e.c. ....	312	219	—	153	—	—	—	—	—	—
Machine and appliance parts .....	6,310	3,150	—	65	—	—	—	—	—	50
Machine and appliance parts, unspecified .....	672	325	—	—	—	—	—	—	—	—
Dies, molds, patterns .....	1,886	1,124	—	—	—	—	—	—	—	—
Drives— chain, leather, fabric, vee belt .....	328	109	—	—	—	—	—	—	—	—
Drums, pulleys, sheaves .....	1,211	306	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Engines, turbines, except vehicle .....	4424	111	44	—	—	—	—	—	—
Gears .....	4426	407	151	115	20	16	—	—	—
Rollers .....	4427	1,059	856	374	154	311	—	—	—
Machine and appliance parts, n.e.c. ....	4429	4,176	2,401	1,645	280	432	—	—	—
Tool parts, accessories .....	443	1,677	1,390	950	308	73	—	—	—
Tool parts, accessories, unspecified .....	4430	189	76	51	—	—	—	—	—
Drill bits— unattached .....	4431	427	370	240	41	55	—	—	—
Saw blades— unattached .....	4432	512	448	232	211	—	—	—	—
Tool parts, accessories, n.e.c. ..	4439	548	495	427	—	18	—	—	—
Machine, tool, and electric parts, n.e.c. ....	449	498	292	213	37	—	—	—	—
Metal materials— nonstructural .....	45	10,527	5,346	3,598	1,228	315	16	69	—
Metal materials— nonstructural, unspecified .....	450	3,648	1,821	1,080	577	139	—	—	—
Metal sheets, ingots, bars— nonstructural .....	451	3,531	2,349	1,752	344	134	16	—	—
Molten or hot metals, slag .....	452	2,056	355	259	—	—	—	—	—
Metal materials— nonstructural, n.e.c. ....	459	1,294	821	507	286	—	—	—	—
Tars, sealants, caulking, insulating materials .....	46	1,836	421	324	46	—	—	—	—
Tars, sealants, caulking, insulating materials, unspecified .....	460	294	43	42	—	—	—	—	—
Asphalt, roofing tar .....	461	1,128	206	206	—	—	—	—	—
Fiberglass insulation .....	462	202	101	37	—	—	—	—	—
Foam caulking, foam insulation .....	463	47	—	—	—	—	—	—	—
Joint compound, patching compounds .....	464	20	—	—	—	—	—	—	—
Sealants, waterproofers, n.e.c. ....	466	49	—	—	—	—	—	—	—
Tars, sealants, caulking, insulating materials, n.e.c. ....	469	64	—	—	—	—	—	—	—
Tarps and sheeting— nonmetal .....	47	1,583	232	141	17	49	—	—	—
Tarps and sheeting— nonmetal, unspecified .....	470	919	79	64	—	—	—	—	—
Roofing paper, roofing felt .....	471	76	—	—	—	—	—	—	—
Tarps, plastic or fabric sheeting .....	472	453	77	43	—	—	—	—	—
Tarps and sheeting— nonmetal, n.e.c. ....	479	135	62	19	—	—	—	—	—
Vehicle and mobile equipment parts ..	48	25,408	8,604	5,648	1,640	1,053	139	315	—
Vehicle and mobile equipment parts, unspecified .....	480	1,790	616	379	173	—	—	36	—
Tires, inner tubes, wheels .....	481	8,501	1,584	1,128	173	253	36	63	—
Tires, inner tubes, wheels, unspecified .....	4810	808	159	152	—	—	—	—	—
Tire inner tubes .....	4812	124	19	17	—	—	—	—	—
Tires, except bike .....	4813	5,052	914	660	114	118	—	49	—
Wheels, tire rims .....	4814	2,062	446	256	54	128	36	—	—
Tires, inner tubes, wheels, n.e.c. ....	4819	450	46	42	—	—	—	—	—
Engine parts and accessories .....	482	6,014	2,157	1,330	442	309	—	—	—
Engine parts and accessories, unspecified .....	4820	630	132	96	—	—	—	—	—
Battery .....	4821	998	297	226	56	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Engines, turbines, except vehicle .....	67	38	-	-	-	-	-	-	-	-
Gears .....	256	108	-	-	-	-	-	-	-	-
Rollers .....	154	92	-	-	-	-	-	-	-	-
Machine and appliance parts, n.e.c. ....	1,731	1,044	-	-	-	-	-	-	-	-
Tool parts, accessories .....	240	119	-	-	-	-	-	-	-	-
Tool parts, accessories, unspecified .....	114	36	-	-	-	-	-	-	-	-
Drill bits— unattached .....	-	20	-	-	-	-	-	-	-	-
Saw blades— unattached .....	43	-	-	-	-	-	-	-	-	-
Tool parts, accessories, n.e.c. ..	52	40	-	-	-	-	-	-	-	-
Machine, tool, and electric parts, n.e.c. ....	185	128	-	-	-	-	-	-	-	-
Metal materials— nonstructural .....	3,332	2,125	-	1,689	-	-	-	-	-	49
Metal materials— nonstructural, unspecified .....	1,707	1,220	-	70	-	-	-	-	-	20
Metal sheets, ingots, bars— nonstructural .....	1,120	622	-	-	-	-	-	-	-	-
Molten or hot metals, slag .....	122	71	-	1,530	-	-	-	-	-	-
Metal materials— nonstructural, n.e.c. ....	383	212	-	60	-	-	-	-	-	-
Tars, sealants, caulking, insulating materials .....	294	228	-	1,101	-	-	-	-	-	-
Tars, sealants, caulking, insulating materials, unspecified .....	169	150	-	82	-	-	-	-	-	-
Asphalt, roofing tar .....	47	41	-	873	-	-	-	-	-	-
Fiberglass insulation .....	-	-	-	52	-	-	-	-	-	-
Foam caulking, foam insulation .....	17	-	-	-	-	-	-	-	-	-
Joint compound, patching compounds .....	-	-	-	-	-	-	-	-	-	-
Sealants, waterproofers, n.e.c. ....	-	-	-	49	-	-	-	-	-	-
Tars, sealants, caulking, insulating materials, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Tarps and sheeting— nonmetal .....	1,322	327	-	16	-	-	-	-	-	-
Tarps and sheeting— nonmetal, unspecified .....	835	66	-	-	-	-	-	-	-	-
Roofing paper, roofing felt .....	58	45	-	-	-	-	-	-	-	-
Tarps, plastic or fabric sheeting .....	366	182	-	-	-	-	-	-	-	-
Tarps and sheeting— nonmetal, n.e.c. ....	63	-	-	-	-	-	-	-	-	-
Vehicle and mobile equipment parts ..	15,601	10,480	-	200	-	409	-	-	-	121
Vehicle and mobile equipment parts, unspecified .....	1,139	617	-	-	-	-	-	-	-	-
Tires, inner tubes, wheels .....	6,389	4,781	-	-	-	408	-	-	-	19
Tires, inner tubes, wheels, unspecified .....	612	498	-	-	-	36	-	-	-	-
Tire inner tubes .....	97	54	-	-	-	-	-	-	-	-
Tires, except bike .....	3,759	2,816	-	-	-	327	-	-	-	-
Wheels, tire rims .....	1,523	1,152	-	-	-	-	-	-	-	19
Tires, inner tubes, wheels, n.e.c. ....	395	259	-	-	-	-	-	-	-	-
Engine parts and accessories .....	3,606	2,376	-	194	-	-	-	-	-	-
Engine parts and accessories, unspecified .....	498	357	-	-	-	-	-	-	-	-
Battery .....	669	464	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Belts, hoses .....	4822	83	46	—	—	—	—	—	—
Engine block .....	4823	652	305	132	106	66	—	—	—
Fan .....	4824	104	67	—	66	—	—	—	—
Muffler, exhaust .....	4825	378	167	101	61	—	—	16	—
Radiator .....	4826	150	50	—	—	—	—	—	—
Transmission .....	4827	1,362	612	405	69	128	—	—	—
Engine parts and accessories, n.e.c. ....	4829	1,658	482	326	41	60	—	—	—
Trailers .....	483	2,501	1,132	470	412	222	100	126	—
Windshields, vehicle windows .....	484	214	106	85	—	—	—	—	—
Vehicle and mobile equipment parts, n.e.c. ....	489	6,387	3,010	2,258	437	244	—	70	—
Parts and materials, n.e.c. ....	49	7,799	3,176	2,312	490	301	—	330	40
<b>Persons, plants, animals, and minerals</b> .....	5	397,072	14,856	8,646	4,525	510	590	864	51,009
Animals and animal products .....	51	11,656	991	640	110	133	121	—	—
Animals, unspecified .....	510	87	—	—	—	—	—	—	—
Animal products— nonfood .....	511	211	113	92	—	—	—	—	—
Bones, shells .....	5111	97	96	84	—	—	—	—	—
Hides— leather .....	5114	49	—	—	—	—	—	—	—
Animal products— nonfood, n.e.c. ....	5119	59	—	—	—	—	—	—	—
Birds and fowl .....	512	92	—	—	—	—	—	—	—
Chicken .....	5122	41	—	—	—	—	—	—	—
Geese .....	5124	18	—	—	—	—	—	—	—
Fish, shellfish .....	513	353	112	53	41	—	—	—	—
Insects, arachnids (spiders, ticks, scorpions, etc.) .....	514	4,670	63	—	—	—	—	—	—
Mammals, except humans .....	515	5,961	641	452	57	128	121	—	—
Cats .....	5151	1,266	—	—	—	—	—	—	—
Cattle .....	5152	1,029	296	243	—	51	—	—	—
Dogs .....	5153	2,616	—	—	—	—	—	—	—
Horses .....	5154	735	198	97	43	54	121	—	—
Swine .....	5157	236	137	103	—	—	—	—	—
Mammals, n.e.c. ....	5159	47	—	—	—	—	—	—	—
Reptiles, snakes .....	516	171	—	—	—	—	—	—	—
Animal waste products, including manure .....	517	42	—	—	—	—	—	—	—
Animals, n.e.c. ....	519	71	—	—	—	—	—	—	—
Food products— fresh or processed ..	52	8,674	868	384	167	—	—	—	—
Food products— fresh or processed, unspecified .....	520	508	49	45	—	—	—	—	—
Bakery products, candy, confections, snack foods .....	521	122	—	—	—	—	—	—	—
Beverages, n.e.c. ....	522	498	—	—	—	—	—	—	—
Dairy products .....	523	177	—	—	—	—	—	—	—
Fruits, nuts, vegetables .....	524	323	68	43	20	—	—	—	—
Grains, grain mill products .....	525	207	—	—	—	—	—	—	—
Meat, poultry .....	526	1,534	315	226	81	—	—	—	—
Seafood .....	527	152	105	38	49	—	—	—	—
Multiple foods or groceries .....	528	134	—	—	—	—	—	—	—
Other food products— fresh or processed .....	529	5,019	292	17	—	—	—	—	—
Fats, oils .....	5291	4,059	112	—	—	—	—	—	—
Sugar, cocoa, chocolate .....	5292	88	86	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Belts, hoses .....	-	-	-	-	-	-	-	-	-	-
Engine block .....	333	229	-	-	-	-	-	-	-	-
Fan .....	-	-	-	-	-	-	-	-	-	-
Muffler, exhaust .....	161	41	-	-	-	-	-	-	-	-
Radiator .....	84	47	-	-	-	-	-	-	-	-
Transmission .....	717	476	-	-	-	-	-	-	-	-
Engine parts and accessories, n.e.c. ....	1,089	732	-	76	-	-	-	-	-	-
Trailers .....	1,063	482	-	-	-	-	-	-	-	70
Windshields, vehicle windows .....	108	39	-	-	-	-	-	-	-	-
Vehicle and mobile equipment parts, n.e.c. ....	3,297	2,184	-	-	-	-	-	-	-	-
Parts and materials, n.e.c. ....	4,099	2,341	-	120	-	-	-	-	-	-
<b>Persons, plants, animals, and minerals</b> .....	<b>72,011</b>	<b>38,432</b>	<b>73,195</b>	<b>14,301</b>	<b>-</b>	<b>58</b>	<b>21,055</b>	<b>14,657</b>	<b>6,398</b>	<b>149,112</b>
Animals and animal products .....	765	373	-	3,582	-	-	6,169	-	6,135	-
Animals, unspecified .....	-	-	-	-	-	-	76	-	76	-
Animal products— nonfood .....	79	-	-	19	-	-	-	-	-	-
Bones, shells .....	-	-	-	-	-	-	-	-	-	-
Hides— leather .....	41	-	-	-	-	-	-	-	-	-
Animal products— nonfood, n.e.c. ....	-	-	-	16	-	-	-	-	-	-
Birds and fowl .....	-	-	-	-	-	-	-	-	-	-
Chicken .....	-	-	-	-	-	-	-	-	-	-
Geese .....	-	-	-	-	-	-	-	-	-	-
Fish, shellfish .....	37	-	-	54	-	-	147	-	145	-
Insects, arachnids (spiders, ticks, scorpions, etc.) .....	-	-	-	3,139	-	-	1,463	-	1,460	-
Mammals, except humans .....	572	283	-	213	-	-	4,391	-	4,362	-
Cats .....	-	-	-	189	-	-	1,077	-	1,077	-
Cattle .....	60	-	-	-	-	-	673	17	656	-
Dogs .....	393	241	-	18	-	-	2,190	-	2,190	-
Horses .....	-	-	-	-	-	-	363	-	356	-
Swine .....	71	-	-	-	-	-	-	-	-	-
Mammals, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Reptiles, snakes .....	-	-	-	127	-	-	40	-	40	-
Animal waste products, including manure .....	-	-	-	-	-	-	-	-	-	-
Animals, n.e.c. ....	37	37	-	-	-	-	-	-	-	-
Food products— fresh or processed ..	2,108	975	-	5,638	-	-	-	-	-	-
Food products— fresh or processed, unspecified .....	214	129	-	245	-	-	-	-	-	-
Bakery products, candy, confections, snack foods .....	90	46	-	-	-	-	-	-	-	-
Beverages, n.e.c. ....	68	-	-	392	-	-	-	-	-	-
Dairy products .....	114	63	-	37	-	-	-	-	-	-
Fruits, nuts, vegetables .....	213	117	-	-	-	-	-	-	-	-
Grains, grain mill products .....	-	-	-	170	-	-	-	-	-	-
Meat, poultry .....	1,135	459	-	77	-	-	-	-	-	-
Seafood .....	36	-	-	-	-	-	-	-	-	-
Multiple foods or groceries .....	105	44	-	-	-	-	-	-	-	-
Other food products— fresh or processed .....	107	56	-	4,618	-	-	-	-	-	-
Fats, oils .....	-	-	-	3,936	-	-	-	-	-	-
Sugar, cocoa, chocolate .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Other food products— fresh or processed, n.e.c. ....	5299	872	95	—	—	—	—	—	—
Infectious and parasitic agents .....	53	1,620	—	—	—	—	—	—	—
Infectious and parasitic agents, unspecified .....	530	418	—	—	—	—	—	—	—
Bacteria .....	531	426	—	—	—	—	—	—	—
Fungi .....	532	59	—	—	—	—	—	—	—
Viruses .....	533	447	—	—	—	—	—	—	—
Infectious and parasitic agents, n.e.c. ....	539	270	—	—	—	—	—	—	—
Metallic minerals .....	54	93	66	58	—	—	—	—	—
Metallic minerals, unspecified .....	540	67	48	40	—	—	—	—	—
Metal ores— nonradiating .....	541	—	16	16	—	—	—	—	—
Nonmetallic minerals, except fuel .....	55	5,903	4,065	1,298	2,468	160	437	220	70
Nonmetallic minerals, except fuel, unspecified .....	550	309	190	136	—	—	—	—	—
Boulders .....	552	54	—	—	—	—	—	18	—
Clay— natural and processed .....	553	107	37	—	19	—	—	—	—
Dirt, earth .....	554	427	342	156	19	104	—	—	—
Rocks, crushed stone .....	555	4,518	3,197	839	2,318	—	424	156	—
Sand, gravel .....	556	379	216	82	76	—	—	38	—
Silica .....	557	19	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel, n.e.c. ....	559	58	52	52	—	—	—	—	—
Person— injured or ill worker .....	56	274,577	84	61	19	—	—	—	50,804
Bodily conditions of injured, ill worker .....	561	6,217	—	—	—	—	—	—	—
Bodily motion or position of injured, ill worker .....	562	267,060	—	—	—	—	—	—	50,795
Person— injured or ill worker, n.e.c. ....	569	1,299	71	61	—	—	—	—	—
Person— other than injured or ill worker .....	57	85,875	4,511	3,460	684	142	—	197	117
Person— other than injured, ill worker, unspecified .....	570	1,672	150	113	—	—	—	—	—
Bodily fluids or substances of person .....	571	356	—	—	—	—	—	—	—
Co-worker, former co-worker of injured or ill worker .....	572	2,748	705	523	124	18	—	—	—
Health care patient or resident of health care facility .....	573	72,362	2,493	2,009	318	77	—	102	105
Person— other than injured or ill worker, n.e.c. ....	579	8,721	1,135	790	219	38	—	39	—
Plants, trees, vegetation— not processed .....	58	8,665	4,267	2,741	1,070	70	—	401	—
Plants, trees, vegetation— not processed, unspecified .....	580	432	87	56	—	—	—	—	—
Cash grain crops .....	581	—	—	—	—	—	—	—	—
Field crops .....	582	81	—	—	—	—	—	—	—
Flowers .....	583	165	42	—	—	—	—	—	—
Houseplants .....	584	91	38	—	—	—	—	—	—
Poison ivy, oak, sumac .....	585	1,312	—	—	—	—	—	—	—
Shrubs, grasses .....	586	518	171	91	—	—	—	—	—
Trees, logs .....	587	5,416	3,657	2,383	894	70	—	382	—
Plants, trees, vegetation— not processed, n.e.c. ....	589	624	255	166	82	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Other food products— fresh or processed, n.e.c. ....	98	49	—	680	—	—	—	—	—	—
Infectious and parasitic agents .....	—	—	—	1,609	—	—	—	—	—	—
Infectious and parasitic agents, unspecified .....	—	—	—	413	—	—	—	—	—	—
Bacteria .....	—	—	—	426	—	—	—	—	—	—
Fungi .....	—	—	—	52	—	—	—	—	—	—
Viruses .....	—	—	—	447	—	—	—	—	—	—
Infectious and parasitic agents, n.e.c. ....	—	—	—	270	—	—	—	—	—	—
Metallic minerals .....	—	—	—	—	—	—	—	—	—	—
Metallic minerals, unspecified .....	—	—	—	—	—	—	—	—	—	—
Metal ores— nonradiating .....	—	—	—	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel .....	776	561	—	145	—	—	63	63	—	127
Nonmetallic minerals, except fuel, unspecified .....	90	43	—	—	—	—	—	—	—	—
Boulders .....	—	—	—	—	—	—	—	—	—	—
Clay— natural and processed .....	65	47	—	—	—	—	—	—	—	—
Dirt, earth .....	54	37	—	—	—	—	—	—	—	—
Rocks, crushed stone .....	533	412	—	—	—	—	63	63	—	111
Sand, gravel .....	—	—	—	70	—	—	—	—	—	—
Silica .....	—	—	—	19	—	—	—	—	—	—
Nonmetallic minerals, except fuel, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Person— injured or ill worker .....	829	—	73,195	1,131	—	—	198	—	193	148,303
Bodily conditions of injured, ill worker .....	16	—	—	1,128	—	—	—	—	—	5,011
Bodily motion or position of injured, ill worker .....	—	—	73,195	—	—	—	—	—	—	143,070
Person— injured or ill worker, n.e.c. ....	813	—	—	—	—	—	188	—	188	222
Person— other than injured or ill worker .....	65,287	35,316	—	554	—	—	14,624	14,554	70	553
Person— other than injured, ill worker, unspecified .....	346	75	—	19	—	—	1,069	1,065	—	46
Bodily fluids or substances of person .....	133	125	—	151	—	—	—	—	—	38
Co-worker, former co-worker of injured or ill worker .....	595	180	—	69	—	—	1,326	1,271	55	—
Health care patient or resident of health care facility .....	61,237	33,374	—	298	—	—	7,680	7,669	—	416
Person— other than injured or ill worker, n.e.c. ....	2,968	1,562	—	17	—	—	4,536	4,536	—	—
Plants, trees, vegetation— not processed .....	2,234	1,200	—	1,622	—	18	—	—	—	82
Plants, trees, vegetation— not processed, unspecified .....	207	155	—	138	—	—	—	—	—	—
Cash grain crops .....	16	—	—	—	—	—	—	—	—	—
Field crops .....	20	—	—	—	—	—	—	—	—	—
Flowers .....	91	91	—	—	—	—	—	—	—	—
Houseplants .....	—	—	—	—	—	18	—	—	—	—
Poison ivy, oak, sumac .....	—	—	—	1,312	—	—	—	—	—	—
Shrubs, grasses .....	274	108	—	49	—	—	—	—	—	—
Trees, logs .....	1,291	743	—	—	—	—	—	—	—	49
Plants, trees, vegetation— not processed, n.e.c. ....	301	38	—	54	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
<b>Structures and surfaces</b> .....	6	314,134	31,958	15,364	11,861	3,268	84,777	169,808	2,371
Structures and surfaces, unspecified .....	60	1,009	285	—	262	—	177	188	—
Building systems .....	61	106	—	—	—	—	—	—	—
Climate control system .....	611	45	—	—	—	—	—	—	—
Plumbing system .....	612	—	—	—	—	—	—	—	—
Floors, walkways, ground surfaces .....	62	272,026	6,408	758	3,336	1,083	82,681	166,938	2,339
Floors, walkways, ground surfaces, unspecified .....	620	23,354	312	—	107	—	9,073	11,885	—
Escalators .....	621	870	53	—	—	—	179	609	—
Floors .....	622	142,445	2,148	189	956	204	27,493	107,611	956
Floor, unspecified .....	6220	9,157	194	—	81	50	3,235	5,316	19
Floor of building .....	6221	126,836	1,541	75	645	92	22,897	98,237	839
Floor of elevator .....	6222	398	—	—	—	—	86	281	—
Floor of mine .....	6223	440	—	—	—	—	135	166	—
Floor of scaffold, staging, or temporary work platform .....	6224	1,098	294	78	160	51	225	265	—
Floor of vehicle .....	6225	2,455	—	—	—	—	237	2,111	—
Floor, n.e.c. ....	6229	2,060	55	—	—	—	679	1,234	60
Ground .....	623	51,635	933	137	689	43	21,088	24,880	360
Sidewalks, paths, outdoor walkways .....	624	8,237	176	—	134	—	1,042	6,776	93
Stairs, steps .....	625	21,088	734	48	570	116	17,300	1,612	717
Stairs, steps, unspecified .....	6250	10,627	418	—	285	97	8,518	900	418
Stairs, steps— indoors .....	6251	7,991	261	—	232	18	6,737	519	288
Stairs, steps— outdoors .....	6252	2,470	55	—	53	—	2,045	193	—
Street, road .....	626	3,679	450	—	124	315	1,074	1,854	—
Surfaces below ground level, n.e.c. ....	627	3,215	605	80	323	202	1,873	232	—
Surfaces below ground level, unspecified .....	6270	523	72	—	72	—	294	—	—
Ditches, channels, trenches, excavations .....	6271	1,228	243	18	62	162	778	98	—
Other surfaces below ground level, n.e.c. ....	6279	1,464	290	62	188	40	801	128	—
Parking lots .....	628	10,833	241	—	77	—	2,240	7,928	99
Other floors, walkways, ground surfaces .....	629	6,672	754	258	331	165	1,320	3,553	41
Other floors, walkways, ground surfaces, unspecified .....	6290	427	—	—	—	—	86	288	—
Piers, wharfs .....	6291	104	—	—	—	—	—	84	—
Ramps, runways, loading docks .....	6292	5,169	622	252	211	159	798	2,848	—
Floors, walkways, ground surfaces, n.e.c. ....	6299	948	101	—	100	—	420	324	—
Other structural elements .....	63	33,990	22,134	13,451	6,734	1,772	1,023	2,020	—
Other structural elements, unspecified .....	630	147	130	—	111	—	—	—	—
Doors .....	631	21,192	15,130	10,686	3,176	1,188	135	555	—
Fences, fence panels .....	632	605	315	100	197	18	109	50	—
Gates .....	633	2,215	1,533	1,092	349	92	—	—	—
Roof .....	634	784	113	—	53	—	276	210	—
Roof trusses .....	635	1,132	672	392	195	58	—	75	—
Walls .....	637	3,623	2,259	491	1,504	241	185	731	—
Windows .....	638	1,791	606	336	183	84	—	65	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
<b>Structures and surfaces</b> .....	12,418	5,914	—	183	248	—	581	579	—	11,768
Structures and surfaces, unspecified .....	—	—	—	—	—	—	—	—	—	346
Building systems .....	—	—	—	—	—	—	—	—	—	—
Climate control system .....	—	—	—	—	—	—	—	—	—	—
Plumbing system .....	—	—	—	16	—	—	—	—	—	—
Floors, walkways, ground surfaces .....	2,128	624	—	—	240	—	292	290	—	10,944
Floors, walkways, ground surfaces, unspecified .....	18	—	—	—	—	—	—	—	—	1,972
Escalators .....	—	—	—	—	—	—	—	—	—	—
Floors .....	760	119	—	18	—	—	198	198	—	3,239
Floor, unspecified .....	70	—	—	—	—	—	—	—	—	297
Floor of building .....	372	—	—	—	—	—	169	169	—	2,743
Floor of elevator .....	—	—	—	—	—	—	—	—	—	—
Floor of mine .....	105	—	—	—	—	—	—	—	—	—
Floor of scaffold, staging, or temporary work platform .....	205	82	—	—	—	—	—	—	—	79
Floor of vehicle .....	—	—	—	—	—	—	—	—	—	87
Floor, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Ground .....	411	—	—	—	144	—	62	62	—	3,745
Sidewalks, paths, outdoor walkways .....	—	—	—	—	—	—	—	—	—	125
Stairs, steps .....	217	101	—	—	—	—	—	—	—	508
Stairs, steps, unspecified .....	182	88	—	—	—	—	—	—	—	190
Stairs, steps— indoors .....	—	—	—	—	—	—	—	—	—	155
Stairs, steps— outdoors .....	—	—	—	—	—	—	—	—	—	163
Street, road .....	—	—	—	—	17	—	—	—	—	247
Surfaces below ground level, n.e.c. ....	143	81	—	—	—	—	—	—	—	347
Surfaces below ground level, unspecified .....	43	—	—	—	—	—	—	—	—	104
Ditches, channels, trenches, excavations .....	—	—	—	—	—	—	—	—	—	72
Other surfaces below ground level, n.e.c. ....	73	73	—	—	—	—	—	—	—	171
Parking lots .....	—	—	—	—	—	—	—	—	—	288
Other floors, walkways, ground surfaces .....	504	319	—	—	—	—	—	—	—	469
Other floors, walkways, ground surfaces, unspecified .....	—	—	—	—	—	—	—	—	—	—
Piers, wharfs .....	—	—	—	—	—	—	—	—	—	—
Ramps, runways, loading docks .....	492	310	—	—	—	—	—	—	—	382
Floors, walkways, ground surfaces, n.e.c. ....	—	—	—	—	—	—	—	—	—	82
Other structural elements .....	8,274	4,099	—	17	—	—	264	264	—	248
Other structural elements, unspecified .....	—	—	—	—	—	—	—	—	—	—
Doors .....	5,043	2,409	—	—	—	—	206	206	—	109
Fences, fence panels .....	126	53	—	—	—	—	—	—	—	—
Gates .....	669	211	—	—	—	—	—	—	—	—
Roof .....	108	41	—	—	—	—	—	—	—	74
Roof trusses .....	376	169	—	—	—	—	—	—	—	—
Walls .....	360	181	—	—	—	—	58	58	—	—
Windows .....	1,105	797	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Structural elements, n.e.c. ....	639	2,474	1,354	331	959	62	306	321	—
Structures .....	64	6,324	2,923	1,102	1,387	394	739	543	—
Structures, unspecified .....	640	142	102	—	76	—	—	—	—
Bridges, dams, locks .....	641	196	157	—	142	—	—	—	—
Buildings—office, plant, residential .....	642	271	161	—	89	65	—	43	—
Grandstands, stadia .....	643	65	17	—	—	—	—	—	—
Mines, caves, tunnels .....	644	647	161	41	67	—	321	—	—
Mines, caves, tunnels, unspecified .....	6440	48	44	—	—	—	—	—	—
Sewers, manholes, storm drains .....	6443	531	94	38	—	—	274	—	—
Mines, caves, tunnels, n.e.c. ....	6449	64	20	—	—	—	44	—	—
Pools .....	645	202	—	—	18	—	96	—	—
Scaffolds— staging .....	646	2,027	911	490	319	101	245	154	—
Scaffolds— staging, unspecified .....	6460	1,525	608	323	201	83	202	93	—
Scaffolds— improvised staging ..	6461	83	—	—	—	—	—	—	—
Scaffolds— self-supporting staging .....	6462	58	47	—	43	—	—	—	—
Scaffolds— staging supported by structure or other means .....	6463	57	16	—	—	—	16	—	—
Scaffolds— suspended staging ..	6464	82	74	74	—	—	—	—	—
Scaffolds— staging, n.e.c. ....	6469	223	132	58	68	—	—	17	—
Towers, poles .....	647	2,030	1,019	439	446	115	—	135	—
Other structures .....	648	745	373	90	228	56	—	137	—
Guardrails, road dividers .....	6481	355	174	51	93	—	—	87	—
Other structures, n.e.c. ....	6489	334	161	—	113	16	—	—	—
Structures and surfaces, n.e.c. ....	69	680	185	38	130	—	127	90	—
<b>Tools, instruments, and equipment ...</b>	<b>7</b>	<b>105,397</b>	<b>66,664</b>	<b>49,945</b>	<b>8,137</b>	<b>5,267</b>	<b>2,673</b>	<b>1,160</b>	<b>259</b>
Tools, instruments, and equipment, unspecified .....	70	3,414	1,381	775	422	148	—	—	—
Handtools— nonpowered .....	71	50,876	38,415	33,713	2,174	1,060	18	184	—
Handtools— nonpowered, unspecified .....	710	260	118	103	—	—	—	—	—
Boring handtools— nonpowered ....	711	441	194	82	—	—	—	—	—
Augers .....	7111	37	—	—	—	—	—	—	—
Braces .....	7112	144	57	—	—	—	—	—	—
Drills .....	7113	231	113	49	—	—	—	—	—
Boring handtools— nonpowered, n.e.c. ....	7119	17	—	—	—	—	—	—	—
Cutting handtools— nonpowered ...	712	27,655	26,839	24,045	1,311	193	—	78	—
Cutting handtools— nonpowered, unspecified .....	7120	230	189	140	—	18	—	—	—
Axes, hatchets .....	7121	136	105	94	—	—	—	—	—
Bolt cutters .....	7122	180	104	87	—	—	—	—	—
Chisels .....	7123	176	157	156	—	—	—	—	—
Knives .....	7124	21,735	21,270	19,504	786	48	—	75	—
Saws .....	7125	1,566	1,515	1,477	—	—	—	—	—
Scissors, snips, shears .....	7126	1,036	1,004	747	176	37	—	—	—
Cutting handtools— nonpowered, n.e.c. ....	7129	2,595	2,497	1,839	291	64	—	—	—
Digging handtools— nonpowered ..	713	4,465	633	438	164	—	—	—	—
Digging handtools— nonpowered, unspecified .....	7130	214	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Structural elements, n.e.c. ....	473	229	-	-	-	-	-	-	-	19
Structures .....	1,807	1,075	-	107	-	-	-	-	-	154
Structures, unspecified .....	-	-	-	-	-	-	-	-	-	-
Bridges, dams, locks .....	-	-	-	-	-	-	-	-	-	-
Buildings—office, plant, residential .....	59	51	-	-	-	-	-	-	-	-
Grandstands, stadia .....	-	-	-	-	-	-	-	-	-	-
Mines, caves, tunnels .....	85	-	-	-	-	-	-	-	-	51
Mines, caves, tunnels, unspecified .....	-	-	-	-	-	-	-	-	-	-
Sewers, manholes, storm drains .....	85	-	-	-	-	-	-	-	-	51
Mines, caves, tunnels, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Pools .....	72	52	-	-	-	-	-	-	-	-
Scaffolds— staging .....	675	396	-	-	-	-	-	-	-	39
Scaffolds— staging, unspecified .....	585	349	-	-	-	-	-	-	-	-
Scaffolds— improvised staging ..	-	-	-	-	-	-	-	-	-	-
Scaffolds— self-supporting staging .....	-	-	-	-	-	-	-	-	-	-
Scaffolds— staging supported by structure or other means .....	-	-	-	-	-	-	-	-	-	-
Scaffolds— suspended staging ..	-	-	-	-	-	-	-	-	-	-
Scaffolds— staging, n.e.c. ....	62	-	-	-	-	-	-	-	-	-
Towers, poles .....	696	395	-	107	-	-	-	-	-	-
Other structures .....	188	151	-	-	-	-	-	-	-	16
Guardrails, road dividers .....	91	91	-	-	-	-	-	-	-	-
Other structures, n.e.c. ....	94	57	-	-	-	-	-	-	-	-
Structures and surfaces, n.e.c. ....	199	111	-	-	-	-	-	-	-	75
<b>Tools, instruments, and equipment ...</b>	<b>28,804</b>	<b>8,399</b>	<b>-</b>	<b>4,595</b>	<b>-</b>	<b>38</b>	<b>404</b>	<b>385</b>	<b>18</b>	<b>795</b>
Tools, instruments, and equipment, unspecified .....	1,937	1,001	-	20	-	-	-	-	-	45
Handtools— nonpowered .....	11,804	2,230	-	52	-	-	240	229	-	151
Handtools— nonpowered, unspecified .....	141	47	-	-	-	-	-	-	-	-
Boring handtools— nonpowered ....	234	43	-	-	-	-	-	-	-	-
Augers .....	-	-	-	-	-	-	-	-	-	-
Braces .....	83	-	-	-	-	-	-	-	-	-
Drills .....	118	-	-	-	-	-	-	-	-	-
Boring handtools— nonpowered, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Cutting handtools— nonpowered ...	500	84	-	19	-	-	206	195	-	-
Cutting handtools— nonpowered, unspecified .....	-	-	-	-	-	-	-	-	-	-
Axes, hatchets .....	-	-	-	-	-	-	-	-	-	-
Bolt cutters .....	76	-	-	-	-	-	-	-	-	-
Chisels .....	19	18	-	-	-	-	-	-	-	-
Knives .....	180	-	-	-	-	-	189	178	-	-
Saws .....	44	-	-	-	-	-	-	-	-	-
Scissors, snips, shears .....	-	-	-	-	-	-	-	-	-	-
Cutting handtools— nonpowered, n.e.c. ....	89	-	-	-	-	-	-	-	-	-
Digging handtools— nonpowered ..	3,793	1,559	-	-	-	-	-	-	-	-
Digging handtools— nonpowered, unspecified .....	197	17	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Hoes .....	7131	91	59	55	—	—	—	—	—
Picks .....	7132	191	122	106	—	—	—	—	—
Shovels .....	7133	3,711	351	209	139	—	—	—	—
Trowels .....	7134	140	66	47	—	—	—	—	—
Digging handtools— nonpowered, n.e.c. ....	7139	117	—	—	—	—	—	—	—
Gripping handtools— nonpowered .....	714	1,230	829	577	57	192	—	—	—
Gripping handtools— nonpowered, unspecified .....	7140	119	—	16	—	—	—	—	—
Pliers, tongs .....	7141	494	342	318	—	—	—	—	—
Vises, clamps .....	7142	544	410	210	39	160	—	—	—
Gripping handtools— nonpowered, n.e.c. ....	7149	74	49	—	—	—	—	—	—
Measuring handtools— nonpowered .....	715	512	366	186	158	—	—	16	—
Calipers, micrometers .....	7151	18	—	—	—	—	—	—	—
Gauges .....	7153	61	—	—	—	—	—	—	—
Plumb bobs .....	7155	57	56	40	16	—	—	—	—
Rulers, tape measures .....	7156	121	109	44	62	—	—	—	—
Measuring handtools— nonpowered, n.e.c. ....	7159	219	169	81	76	—	—	16	—
Striking and nailing handtools— nonpowered .....	716	5,894	4,528	4,246	55	199	—	—	—
Striking and nailing handtools— nonpowered, unspecified .....	7160	378	265	252	—	—	—	—	—
Hammers .....	7161	3,353	2,793	2,579	41	172	—	—	—
Mallets .....	7162	212	135	135	—	—	—	—	—
Punches, counterpunches, countersinks .....	7163	51	44	37	—	—	—	—	—
Sledges .....	7164	1,804	1,267	1,218	—	—	—	—	—
Striking handtools— nonpowered, n.e.c. ....	7169	95	—	—	—	—	—	—	—
Surfacing handtools— nonpowered .....	717	711	549	424	74	—	—	—	—
Files .....	7171	135	81	62	18	—	—	—	—
Planes .....	7172	—	—	—	—	—	—	—	—
Sanders .....	7173	132	125	119	—	—	—	—	—
Sharpening stones and wheels ..	7174	—	16	—	—	—	—	—	—
Surfacing handtools— nonpowered, n.e.c. ....	7179	376	309	220	41	—	—	—	—
Turning handtools— nonpowered ..	718	4,043	2,107	1,801	52	244	—	—	—
Screwdrivers .....	7181	687	414	355	—	52	—	—	—
Wrenches .....	7182	3,227	1,664	1,418	44	191	—	—	—
Turning handtools— nonpowered, n.e.c. ....	7189	102	—	—	—	—	—	—	—
Other handtools— nonpowered .....	719	5,666	2,252	1,810	264	160	—	40	—
Other handtools— nonpowered, unspecified .....	7190	38	—	—	—	—	—	—	—
Brooms, mops, and other cleaning tools .....	7191	1,953	288	186	92	—	—	—	—
Crowbars .....	7192	2,152	1,168	1,074	—	78	—	—	—
Pitchforks, spading forks .....	7193	60	48	43	—	—	—	—	—
Rakes .....	7194	163	—	—	—	—	—	—	—
Stapling tools— nonpowered .....	7195	88	62	62	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Hoes .....	-	-	-	-	-	-	-	-	-	-
Picks .....	69	42	-	-	-	-	-	-	-	-
Shovels .....	3,333	1,498	-	-	-	-	-	-	-	-
Trowels .....	72	-	-	-	-	-	-	-	-	-
Digging handtools— nonpowered, n.e.c. ....	89	-	-	-	-	-	-	-	-	-
Gripping handtools— nonpowered .....	343	-	-	-	-	-	-	-	-	-
Gripping handtools— nonpowered, unspecified .....	49	-	-	-	-	-	-	-	-	-
Pliers, tongs .....	146	-	-	-	-	-	-	-	-	-
Vises, clamps .....	130	-	-	-	-	-	-	-	-	-
Gripping handtools— nonpowered, n.e.c. ....	18	-	-	-	-	-	-	-	-	-
Measuring handtools— nonpowered .....	112	71	-	-	-	-	-	-	-	-
Calipers, micrometers .....	18	-	-	-	-	-	-	-	-	-
Gauges .....	48	43	-	-	-	-	-	-	-	-
Plumb bobs .....	-	-	-	-	-	-	-	-	-	-
Rulers, tape measures .....	-	-	-	-	-	-	-	-	-	-
Measuring handtools— nonpowered, n.e.c. ....	-	18	-	-	-	-	-	-	-	-
Striking and nailing handtools— nonpowered .....	1,297	138	-	-	-	-	-	-	-	-
Striking and nailing handtools— nonpowered, unspecified .....	96	-	-	-	-	-	-	-	-	-
Hammers .....	532	-	-	-	-	-	-	-	-	-
Mallets .....	77	-	-	-	-	-	-	-	-	-
Punches, counterpunches, countersinks .....	-	-	-	-	-	-	-	-	-	-
Sledges .....	515	78	-	-	-	-	-	-	-	-
Striking handtools— nonpowered, n.e.c. ....	71	-	-	-	-	-	-	-	-	-
Surfacing handtools— nonpowered .....	162	-	-	-	-	-	-	-	-	-
Files .....	55	-	-	-	-	-	-	-	-	-
Planes .....	18	-	-	-	-	-	-	-	-	-
Sanders .....	-	-	-	-	-	-	-	-	-	-
Sharpening stones and wheels ..	-	-	-	-	-	-	-	-	-	-
Surfacing handtools— nonpowered, n.e.c. ....	67	-	-	-	-	-	-	-	-	-
Turning handtools— nonpowered ..	1,901	46	-	-	-	-	-	-	-	-
Screwdrivers .....	271	-	-	-	-	-	-	-	-	-
Wrenches .....	1,532	-	-	-	-	-	-	-	-	-
Turning handtools— nonpowered, n.e.c. ....	72	-	-	-	-	-	-	-	-	-
Other handtools— nonpowered .....	3,321	193	-	-	-	-	-	-	-	-
Other handtools— nonpowered, unspecified .....	-	-	-	-	-	-	-	-	-	-
Brooms, mops, and other cleaning tools .....	1,637	50	-	-	-	-	-	-	-	-
Crowbars .....	951	-	-	-	-	-	-	-	-	18
Pitchforks, spading forks .....	-	-	-	-	-	-	-	-	-	-
Rakes .....	148	-	-	-	-	-	-	-	-	-
Stapling tools— nonpowered .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Other handtools— nonpowered, n.e.c. ....	7199	1,213	656	423	148	76	—	—	—
Handtools— powered .....	72	21,283	12,404	7,178	1,672	2,496	36	196	—
Handtools— powered, unspecified .....	720	304	133	83	—	—	—	—	—
Boring handtools— powered .....	721	3,578	2,595	1,522	202	563	—	70	—
Augers— powered .....	7211	301	198	—	—	107	—	—	—
Drills— powered .....	7213	2,807	1,974	1,311	96	323	—	70	—
Routers and molders— powered .....	7214	431	393	160	96	131	—	—	—
Cutting handtools— powered .....	722	6,082	5,421	2,805	1,039	1,127	—	80	—
Cutting handtools— powered, unspecified .....	7220	184	148	111	—	—	—	—	—
Chainsaws— powered .....	7221	1,254	1,188	770	105	160	—	—	—
Chisels— powered .....	7222	55	55	55	—	—	—	—	—
Knives— powered .....	7223	111	111	49	53	—	—	—	—
Saws— powered, except chainsaws .....	7224	3,651	3,290	1,634	823	633	—	—	—
Cutting handtools— powered, n.e.c. ....	7229	827	627	186	54	310	—	76	—
Striking and nailing handtools— powered .....	723	1,679	910	552	58	183	—	—	—
Hammers— powered .....	7231	244	134	102	—	—	—	—	—
Jackhammers— powered .....	7232	1,221	620	396	45	73	—	—	—
Punches— powered .....	7233	—	—	—	—	19	—	—	—
Riveters— powered .....	7234	157	119	53	—	60	—	—	—
Surfacing handtools— powered .....	724	2,509	1,715	984	236	431	—	16	—
Surfacing handtools— powered, unspecified .....	7240	19	—	—	—	—	—	—	—
Buffers, polishers, waxers— powered .....	7241	792	181	102	—	49	—	—	—
Hand grinders— powered .....	7242	1,117	1,004	724	126	151	—	—	—
Sanders— powered .....	7243	452	400	90	78	198	—	—	—
Sandblasters— powered .....	7244	51	46	43	—	—	—	—	—
Surfacing handtools— powered, n.e.c. ....	7249	78	78	—	—	—	—	—	—
Turning handtools, powered .....	725	959	564	422	—	83	—	—	—
Turning handtools— powered, unspecified .....	7250	173	70	59	—	—	—	—	—
Impact wrenches— powered .....	7252	490	359	240	—	65	—	—	—
Screwdrivers— powered .....	7253	208	98	85	—	—	—	—	—
Turning handtools— powered, n.e.c. ....	7259	65	—	—	—	—	—	—	—
Welding and heating handtools— powered .....	726	4,847	294	217	—	42	—	—	—
Welding and heating handtools— powered, unspecified .....	7260	801	46	17	—	—	—	—	—
Blow torches .....	7261	592	48	47	—	—	—	—	—
Soldering irons— powered .....	7262	288	117	102	—	—	—	—	—
Welding torches— powered .....	7263	3,017	65	39	—	—	—	—	—
Welding and heating handtools— powered, n.e.c. ....	7269	149	18	—	—	—	—	—	—
Other handtools— powered .....	729	1,325	771	593	81	58	18	—	—
Other handtools— powered, unspecified .....	7290	19	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Other handtools— nonpowered, n.e.c. ....	524	93	—	—	—	—	—	—	—	—
Handtools— powered .....	4,223	1,055	—	4,283	—	—	—	—	—	82
Handtools— powered, unspecified .....	142	—	—	—	—	—	—	—	—	19
Boring handtools— powered .....	876	52	—	—	—	—	—	—	—	—
Augers— powered .....	103	—	—	—	—	—	—	—	—	—
Drills— powered .....	735	—	—	19	—	—	—	—	—	—
Routers and molders— powered .....	—	—	—	—	—	—	—	—	—	—
Cutting handtools— powered .....	523	345	—	—	—	—	—	—	—	—
Cutting handtools— powered, unspecified .....	—	20	—	—	—	—	—	—	—	—
Chainsaws— powered .....	63	—	—	—	—	—	—	—	—	—
Chisels— powered .....	—	—	—	—	—	—	—	—	—	—
Knives— powered .....	—	—	—	—	—	—	—	—	—	—
Saws— powered, except chainsaws .....	344	280	—	—	—	—	—	—	—	—
Cutting handtools— powered, n.e.c. ....	93	38	—	—	—	—	—	—	—	—
Striking and nailing handtools— powered .....	716	216	—	45	—	—	—	—	—	—
Hammers— powered .....	61	—	—	45	—	—	—	—	—	—
Jackhammers— powered .....	596	201	—	—	—	—	—	—	—	—
Punches— powered .....	—	—	—	—	—	—	—	—	—	—
Riveters— powered .....	38	—	—	—	—	—	—	—	—	—
Surfacing handtools— powered .....	756	164	—	—	—	—	—	—	—	—
Surfacing handtools— powered, unspecified .....	—	—	—	—	—	—	—	—	—	—
Buffers, polishers, waxers— powered .....	599	113	—	—	—	—	—	—	—	—
Hand grinders— powered .....	100	36	—	—	—	—	—	—	—	—
Sanders— powered .....	52	—	—	—	—	—	—	—	—	—
Sandblasters— powered .....	—	—	—	—	—	—	—	—	—	—
Surfacing handtools— powered, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Turning handtools, powered .....	367	51	—	—	—	—	—	—	—	—
Turning handtools— powered, unspecified .....	103	—	—	—	—	—	—	—	—	—
Impact wrenches— powered .....	126	40	—	—	—	—	—	—	—	—
Screwdrivers— powered .....	87	—	—	20	—	—	—	—	—	—
Turning handtools— powered, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Welding and heating handtools— powered .....	397	71	—	4,128	—	18	—	—	—	—
Welding and heating handtools— powered, unspecified .....	157	—	—	594	—	—	—	—	—	—
Blow torches .....	37	19	—	485	—	18	—	—	—	—
Soldering irons— powered .....	—	—	—	165	—	—	—	—	—	—
Welding torches— powered .....	140	—	—	2,812	—	—	—	—	—	—
Welding and heating handtools— powered, n.e.c. ....	56	—	—	73	—	—	—	—	—	—
Other handtools— powered .....	446	124	—	—	—	—	—	—	—	19
Other handtools— powered, unspecified .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Nail guns— powered .....	7291	387	345	302	41	—	—	19	—
Scrubbers— powered .....	7293	221	39	—	—	—	18	—	—
Sprayers— paint .....	7294	188	83	46	18	—	—	—	—
Stapling tools— electric or pneumatic .....	7295	86	80	80	—	—	—	—	—
Other handtools— powered, n.e.c. ....	7299	424	213	132	—	38	—	—	—
Handtools— power not determined ....	73	5,782	4,242	3,262	363	226	—	—	—
Handtools— power not determined, unspecified .....	730	284	123	70	18	—	—	—	—
Boring handtools— power not determined .....	731	869	398	231	76	—	—	—	—
Augers— power not determined .....	7311	106	—	—	—	—	—	—	—
Braces— power not determined .....	7312	222	52	—	—	—	—	—	—
Drills— power not determined ....	7313	539	312	215	61	19	—	—	—
Cutting handtools— power not determined .....	732	1,685	1,492	972	124	65	—	—	—
Cutting handtools— power not determined, unspecified .....	7320	185	109	93	—	—	—	—	—
Chisels— power not determined .....	7321	133	133	90	—	41	—	—	—
Knives— power not determined .....	7322	368	361	345	—	—	—	—	—
Saws— power not determined ...	7323	842	772	393	110	18	—	—	—
Cutting handtools— power not determined, n.e.c. ....	7329	158	117	52	—	—	—	—	—
Striking and nailing handtools— power not determined .....	733	773	663	647	—	16	—	—	—
Hammers— power not determined .....	7331	715	621	613	—	—	—	—	—
Punches— power not determined .....	7332	54	39	—	—	—	—	—	—
Surfacing handtools— power not determined .....	734	582	533	429	104	—	—	—	—
Surfacing handtools— power not determined, unspecified .....	7340	100	97	97	—	—	—	—	—
Sanders— power not determined .....	7341	175	132	—	104	—	—	—	—
Surfacing handtools— power not determined, n.e.c. ....	7349	307	304	304	—	—	—	—	—
Turning handtools— power not determined .....	735	1,122	788	741	—	39	—	—	—
Screwdrivers— power not determined .....	7351	362	348	343	—	—	—	—	—
Wrenches— power not determined .....	7352	733	437	398	—	39	—	—	—
Other handtools— power not determined .....	739	467	246	172	—	40	—	—	—
Staplers— power not determined .....	7391	95	63	37	—	—	—	—	—
Other handtools— power not determined, n.e.c. ....	7399	372	183	136	—	—	—	—	—
Ladders .....	74	9,245	2,997	1,375	1,058	510	2,575	458	195
Ladders, unspecified .....	740	4,747	1,206	586	487	101	1,876	155	167

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									All other events <sup>4</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Nail guns— powered .....	-	-	-	-	-	-	-	-	-	-
Scrubbers— powered .....	158	55	-	-	-	-	-	-	-	-
Sprayers— paint .....	99	46	-	-	-	-	-	-	-	-
Stapling tools— electric or pneumatic .....	-	-	-	-	-	-	-	-	-	-
Other handtools— powered, n.e.c. ....	159	19	-	-	-	-	-	-	-	-
Handtools— power not determined ....	1,473	323	-	-	-	-	-	-	-	-
Handtools— power not determined, unspecified .....	159	44	-	-	-	-	-	-	-	-
Boring handtools— power not determined .....	468	90	-	-	-	-	-	-	-	-
Augers— power not determined .....	73	59	-	-	-	-	-	-	-	-
Braces— power not determined .....	171	-	-	-	-	-	-	-	-	-
Drills— power not determined ....	225	-	-	-	-	-	-	-	-	-
Cutting handtools— power not determined .....	163	-	-	-	-	-	-	-	-	-
Cutting handtools— power not determined, unspecified .....	76	-	-	-	-	-	-	-	-	-
Chisels— power not determined .....	-	-	-	-	-	-	-	-	-	-
Knives— power not determined .....	-	-	-	-	-	-	-	-	-	-
Saws— power not determined ...	61	-	-	-	-	-	-	-	-	-
Cutting handtools— power not determined, n.e.c. ....	19	-	-	-	-	-	-	-	-	-
Striking and nailing handtools— power not determined .....	93	-	-	-	-	-	-	-	-	16
Hammers— power not determined .....	77	-	-	-	-	-	-	-	-	16
Punches— power not determined .....	-	-	-	-	-	-	-	-	-	-
Surfacing handtools— power not determined .....	45	-	-	-	-	-	-	-	-	-
Surfacing handtools— power not determined, unspecified .....	-	-	-	-	-	-	-	-	-	-
Sanders— power not determined .....	38	-	-	-	-	-	-	-	-	-
Surfacing handtools— power not determined, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Turning handtools— power not determined .....	328	-	-	-	-	-	-	-	-	-
Screwdrivers— power not determined .....	-	-	-	-	-	-	-	-	-	-
Wrenches— power not determined .....	289	-	-	-	-	-	-	-	-	-
Other handtools— power not determined .....	217	138	-	-	-	-	-	-	-	-
Staplers— power not determined .....	-	-	-	-	-	-	-	-	-	-
Other handtools— power not determined, n.e.c. ....	185	138	-	-	-	-	-	-	-	-
Ladders .....	2,611	1,339	-	-	-	-	-	-	-	409
Ladders, unspecified .....	1,126	655	-	-	-	-	-	-	-	217

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Ladders— fixed .....	741	126	53	—	17	—	46	—	—
Ladders— movable .....	742	4,150	1,644	702	541	378	601	292	—
Movable ladders, unspecified .....	7420	2,665	1,081	405	369	292	300	106	—
Extension ladders .....	7421	825	287	174	76	—	133	140	—
Step ladders .....	7422	556	219	81	90	47	158	—	—
Truck mounted ladders, aerial ladder trams .....	7424	37	—	—	—	—	—	—	—
Movable ladders, n.e.c. ....	7429	57	—	—	—	—	—	—	—
Ladders, n.e.c. ....	749	221	95	65	—	17	51	—	—
Medical and surgical instruments .....	75	1,920	1,639	881	620	—	—	—	—
Medical and surgical instruments, unspecified .....	750	56	—	—	—	—	—	—	—
Needles and syringes .....	751	1,264	1,163	539	545	—	—	—	—
Scalpels .....	752	191	185	148	—	—	—	—	—
Medical and surgical instruments, n.e.c. ....	759	408	255	171	—	—	—	—	—
Photographic equipment .....	76	504	206	99	65	19	—	—	—
Photographic equipment, unspecified .....	760	—	—	—	—	—	—	—	—
Cameras— still and motion picture .....	761	130	37	—	—	—	—	—	—
Tripods, stands .....	764	69	—	—	—	—	—	—	—
Photographic equipment, n.e.c. ....	769	269	137	80	—	—	—	—	—
Protective equipment, except clothing .....	77	498	314	114	40	82	—	—	—
Protective equipment, except clothing, unspecified .....	770	19	—	—	—	—	—	—	—
Dust masks .....	771	—	—	—	20	—	—	—	—
Hard hats .....	774	18	18	18	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses .....	775	247	151	58	—	81	—	—	—
Safety glasses or goggles .....	777	53	53	19	—	—	—	—	—
Protective equipment, except clothing, n.e.c. ....	779	78	—	—	—	—	—	—	—
Recreation and athletic equipment .....	78	2,299	1,112	620	345	128	—	83	—
Recreation and athletic equipment, unspecified .....	780	—	—	—	—	—	—	—	—
Camping equipment .....	781	316	58	42	16	—	—	—	—
Gymnasium and exercise equipment .....	782	569	216	96	82	39	—	67	—
Playground equipment .....	783	126	81	—	70	—	—	—	—
Riding goods and equipment .....	784	96	91	—	—	78	—	—	—
Snow skiing goods and equipment .....	785	38	—	17	—	—	—	—	—
Water sports equipment .....	786	94	82	—	55	—	—	—	—
Recreation and athletic equipment, n.e.c. ....	789	1,039	549	419	112	—	—	—	—
Other tools, instruments, and equipment .....	79	9,575	3,953	1,929	1,378	590	—	152	53
Clocks .....	791	39	—	—	—	—	—	17	—
Cooking and eating utensils, except knives .....	792	227	163	69	94	—	—	—	—
Firearms .....	793	83	—	—	—	—	—	—	—
Pistol, handgun, revolver .....	7931	63	—	—	—	—	—	—	—
Health care and orthopedic equipment, n.e.c. ....	794	1,982	465	242	100	111	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Ladders— fixed .....	—	—	—	—	—	—	—	—	—	—
Ladders— movable .....	1,416	640	—	—	—	—	—	—	—	177
Movable ladders, unspecified .....	1,048	429	—	—	—	—	—	—	—	110
Extension ladders .....	253	155	—	—	—	—	—	—	—	—
Step ladders .....	88	52	—	—	—	—	—	—	—	55
Truck mounted ladders, aerial ladder trams .....	—	—	—	—	—	—	—	—	—	—
Movable ladders, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Ladders, n.e.c. ....	54	44	—	—	—	—	—	—	—	—
Medical and surgical instruments .....	195	50	—	68	—	—	—	—	—	—
Medical and surgical instruments, unspecified .....	—	16	—	—	—	—	—	—	—	—
Needles and syringes .....	—	—	—	66	—	—	—	—	—	—
Scalpels .....	—	—	—	—	—	—	—	—	—	—
Medical and surgical instruments, n.e.c. ....	147	—	—	—	—	—	—	—	—	—
Photographic equipment .....	257	139	—	—	—	—	—	—	—	—
Photographic equipment, unspecified .....	18	—	—	—	—	—	—	—	—	—
Cameras— still and motion picture .....	91	—	—	—	—	—	—	—	—	—
Tripods, stands .....	—	—	—	—	—	—	—	—	—	—
Photographic equipment, n.e.c. ....	113	73	—	—	—	—	—	—	—	—
Protective equipment, except clothing .....	102	—	—	45	—	—	—	—	—	—
Protective equipment, except clothing, unspecified .....	—	—	—	—	—	—	—	—	—	—
Dust masks .....	—	—	—	—	—	—	—	—	—	—
Hard hats .....	—	—	—	—	—	—	—	—	—	—
Lifelines, lanyards, safety belts or harnesses .....	74	—	—	—	—	—	—	—	—	—
Safety glasses or goggles .....	—	—	—	—	—	—	—	—	—	—
Protective equipment, except clothing, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment .....	1,052	635	—	—	—	—	—	—	—	—
Recreation and athletic equipment, unspecified .....	18	—	—	—	—	—	—	—	—	—
Camping equipment .....	249	207	—	—	—	—	—	—	—	—
Gymnasium and exercise equipment .....	281	188	—	—	—	—	—	—	—	—
Playground equipment .....	39	—	—	—	—	—	—	—	—	—
Riding goods and equipment .....	—	—	—	—	—	—	—	—	—	—
Snow skiing goods and equipment .....	—	—	—	—	—	—	—	—	—	—
Water sports equipment .....	—	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment, n.e.c. ....	449	192	—	—	—	—	—	—	—	—
Other tools, instruments, and equipment .....	5,151	1,611	—	106	—	—	109	107	—	38
Clocks .....	—	—	—	—	—	—	—	—	—	—
Cooking and eating utensils, except knives .....	49	—	—	—	—	—	—	—	—	—
Firearms .....	18	—	—	—	—	—	57	57	—	—
Pistol, handgun, revolver .....	—	—	—	—	—	—	57	57	—	—
Health care and orthopedic equipment, n.e.c. ....	1,435	478	—	—	—	—	39	39	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Musical instruments .....	795	303	168	120	-	44	-	-	-
Pianos .....	7951	178	60	-	-	-	-	-	-
Other musical instruments .....	7959	117	108	94	-	-	-	-	-
Sewing notions, n.e.c. ....	796	402	392	134	165	83	-	-	-
Fabric pins, safety pins .....	7961	61	61	-	49	-	-	-	-
Sewing needles .....	7962	322	319	120	108	82	-	-	-
Sewing notions, n.e.c. ....	7969	19	-	-	-	-	-	-	-
Wheelchairs .....	797	3,411	1,277	659	391	227	-	63	49
Writing, drawing, and art supplies ..	798	576	291	124	152	-	-	-	-
Art supplies and materials, except paint .....	7981	298	70	68	-	-	-	-	-
Pens and pencils .....	7983	58	54	-	19	-	-	-	-
Writing, drawing, art supplies, n.e.c. ....	7989	200	163	-	127	-	-	-	-
Tools, instruments, and equipment, n.e.c. ....	799	2,553	1,176	565	468	114	-	64	-
<b>Vehicles .....</b>	<b>8</b>	<b>137,660</b>	<b>35,786</b>	<b>11,845</b>	<b>13,275</b>	<b>8,505</b>	<b>2,360</b>	<b>4,650</b>	<b>211</b>
Vehicle, unspecified .....	80	2,052	183	-	145	-	-	-	-
Air vehicle .....	81	2,198	889	209	526	42	-	108	-
Aircraft, unspecified .....	810	599	258	-	168	-	-	-	-
Aircraft— powered fixed wing .....	811	1,563	617	181	344	-	-	94	-
Aircraft— powered fixed wing, unspecified .....	8110	686	279	105	153	-	-	75	-
Jet .....	8111	805	331	73	188	-	-	19	-
Propeller-driven aircraft .....	8112	36	-	-	-	-	-	-	-
Aircraft, n.e.c. ....	819	18	-	-	-	-	-	-	-
Highway vehicle, motorized .....	82	81,787	14,748	3,993	6,747	2,781	2,028	3,140	137
Highway vehicle, motorized, unspecified .....	820	13,534	1,063	90	594	292	-	80	-
Automobile .....	821	19,966	2,298	618	1,240	207	-	160	-
Bus .....	822	2,642	480	138	227	41	141	85	-
Motorcycle, moped .....	823	294	-	-	-	-	-	67	-
Motor home, recreational vehicle ...	824	198	57	-	-	-	-	-	-
Truck .....	825	38,548	9,882	2,719	4,202	2,165	1,745	2,677	121
Truck, unspecified .....	8250	17,228	4,725	1,404	2,115	837	926	976	46
Delivery truck .....	8251	3,299	711	107	328	220	47	221	-
Dump truck .....	8252	909	337	109	72	128	100	44	-
Pickup truck .....	8253	1,990	547	311	94	121	38	-	-
Semitrailer, tractor trailer, trailer truck .....	8254	10,473	2,587	652	1,293	388	546	516	74
Truck, n.e.c. ....	8259	4,649	974	137	301	472	88	887	-
Van— passenger or light delivery ..	826	5,928	798	384	353	55	93	43	-
Highway vehicle, motorized, n.e.c. ....	829	676	158	-	100	-	-	-	-
Highway vehicle, nonmotorized .....	83	486	73	37	-	-	-	-	-
Animal or human powered vehicle .....	831	465	67	-	-	-	-	-	-
Horse drawn carriage .....	8311	18	-	-	-	-	-	-	-
Bicycle .....	8312	444	50	-	-	-	-	-	-
Offroad vehicle, nonindustrial .....	84	1,156	172	46	-	90	-	-	-
Offroad vehicle, nonindustrial, unspecified .....	840	-	-	-	-	-	-	-	-
All terrain vehicle (ATV) .....	841	227	-	-	-	-	-	-	-
Golf cart, powered .....	842	640	157	45	18	86	-	-	-
Snowmobile .....	843	66	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Musical instruments .....	135	-	-	-	-	-	-	-	-	-
Pianos .....	118	-	-	-	-	-	-	-	-	-
Other musical instruments .....	-	-	-	-	-	-	-	-	-	-
Sewing notions, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Fabric pins, safety pins .....	-	-	-	-	-	-	-	-	-	-
Sewing needles .....	-	-	-	-	-	-	-	-	-	-
Sewing notions, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Wheelchairs .....	2,012	339	-	-	-	-	-	-	-	-
Writing, drawing, and art supplies ..	276	188	-	-	-	-	-	-	-	-
Art supplies and materials, except paint .....	228	152	-	-	-	-	-	-	-	-
Pens and pencils .....	-	-	-	-	-	-	-	-	-	-
Writing, drawing, art supplies, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Tools, instruments, and equipment, n.e.c. ....	1,210	571	-	86	-	-	-	-	-	-
<b>Vehicles</b> .....	<b>21,333</b>	<b>2,934</b>	<b>-</b>	<b>205</b>	<b>71,490</b>	<b>77</b>	<b>49</b>	<b>49</b>	<b>-</b>	<b>1,499</b>
Vehicle, unspecified .....	-	-	-	-	1,827	-	-	-	-	-
Air vehicle .....	279	-	-	-	867	-	-	-	-	42
Aircraft, unspecified .....	77	-	-	-	204	-	-	-	-	42
Aircraft— powered fixed wing .....	193	-	-	-	651	-	-	-	-	-
Aircraft— powered fixed wing, unspecified .....	75	-	-	-	257	-	-	-	-	-
Jet .....	117	-	-	-	331	-	-	-	-	-
Propeller-driven aircraft .....	-	-	-	-	-	-	-	-	-	-
Aircraft, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Highway vehicle, motorized .....	4,994	664	-	156	55,454	58	-	-	-	1,064
Highway vehicle, motorized, unspecified .....	304	-	-	-	12,001	-	-	-	-	-
Automobile .....	748	85	-	-	16,583	-	-	-	-	119
Bus .....	251	17	-	-	1,663	-	-	-	-	-
Motorcycle, moped .....	-	-	-	-	188	-	-	-	-	-
Motor home, recreational vehicle ...	-	-	-	-	138	-	-	-	-	-
Truck .....	3,567	537	-	100	19,513	50	-	-	-	894
Truck, unspecified .....	1,132	122	-	-	8,974	-	-	-	-	406
Delivery truck .....	415	-	-	-	1,895	-	-	-	-	-
Dump truck .....	82	-	-	-	321	-	-	-	-	-
Pickup truck .....	60	39	-	-	1,307	-	-	-	-	-
Semitrailer, tractor trailer, trailer truck .....	1,691	330	-	-	4,618	-	-	-	-	427
Truck, n.e.c. ....	186	-	-	88	2,399	-	-	-	-	-
Van— passenger or light delivery ..	81	-	-	-	4,903	-	-	-	-	-
Highway vehicle, motorized, n.e.c. ....	-	-	-	-	464	-	-	-	-	-
Highway vehicle, nonmotorized .....	169	91	-	-	241	-	-	-	-	-
Animal or human powered vehicle .....	161	83	-	-	233	-	-	-	-	-
Horse drawn carriage .....	-	-	-	-	-	-	-	-	-	-
Bicycle .....	161	83	-	-	229	-	-	-	-	-
Offroad vehicle, nonindustrial .....	119	73	-	-	852	-	-	-	-	-
Offroad vehicle, nonindustrial, unspecified .....	-	-	-	-	19	-	-	-	-	-
All terrain vehicle (ATV) .....	-	-	-	-	198	-	-	-	-	-
Golf cart, powered .....	-	-	-	-	443	-	-	-	-	-
Snowmobile .....	-	19	-	-	37	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Offroad vehicle, nonindustrial, n.e.c. ....	849	198	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors .....	85	19,938	6,831	1,358	2,129	2,698	188	435	43
Plant and industrial powered vehicles, unspecified .....	850	518	255	—	94	135	—	—	—
Forklift .....	851	16,667	5,758	1,270	1,734	2,214	140	385	—
Forklift, unspecified .....	8510	12,278	4,169	724	1,392	1,735	123	195	—
Counterbalance rider— high lift ..	8511	—	—	—	—	—	—	—	—
Hand/rider forklift truck— motorized .....	8512	819	346	91	113	118	—	—	—
Order picker high lift truck .....	8513	269	186	—	—	—	—	—	—
Pallet lift truck— motorized .....	8514	1,705	472	187	88	172	—	102	—
Platform lift truck— high or low lift .....	8515	283	72	16	18	38	—	—	—
Reach rider lift truck .....	8516	71	—	—	—	—	—	—	—
Forklift, n.e.c. ....	8519	1,191	496	243	106	139	—	73	—
Powered industrial carrier, except forklifts .....	852	685	275	—	119	122	—	—	—
Powered industrial carrier, except forklifts, unspecified .....	8520	287	114	—	38	65	—	—	—
Container carrier .....	8521	—	16	—	—	—	—	—	—
Stacker carrier .....	8523	86	55	—	—	—	—	—	—
Powered industrial carrier, except forklifts, n.e.c. ....	8529	279	88	—	49	—	—	—	—
Tractor .....	853	864	335	—	153	92	—	18	—
Plant and industrial powered vehicle, n.e.c. ....	859	1,204	207	—	—	135	—	—	—
Plant and industrial vehicle— nonpowered .....	86	27,717	12,022	5,881	3,287	2,738	76	826	—
Plant and industrial vehicle— nonpowered, unspecified .....	860	156	87	—	52	—	—	—	—
Cart, dolly, handtruck .....	861	25,956	11,431	5,547	3,120	2,661	58	757	—
Wheelbarrow .....	862	817	161	91	63	—	—	67	—
Plant and industrial vehicle— nonpowered, n.e.c. ....	869	787	344	216	51	64	—	—	—
Rail vehicle .....	87	1,060	312	126	86	73	18	62	—
Rail vehicle, unspecified .....	870	414	120	41	48	—	—	49	—
Streetcar, trolley .....	872	52	—	—	—	—	—	—	—
Train .....	874	314	94	67	19	—	—	—	—
Rail vehicle, n.e.c. ....	879	241	69	—	17	16	18	—	—
Water vehicle .....	88	948	346	106	210	—	—	51	—
Water vehicle, unspecified .....	880	184	133	—	132	—	—	—	—
Barge .....	881	202	—	—	—	—	—	—	—
Canoe, kayak, rowboat, raft .....	882	91	45	41	—	—	—	—	—
Jet skis .....	883	161	—	—	—	—	—	—	—
Motorboat, yachts .....	884	122	71	54	—	—	—	—	—
Ships— other than sail powered ....	886	—	—	—	—	—	—	—	—
Tugboat, commercial fishing boat ..	887	113	—	—	18	—	—	—	—
Water vehicle, n.e.c. ....	889	19	—	—	—	—	—	—	—
Vehicles, n.e.c. ....	89	317	211	64	109	38	—	—	—
<b>Other sources</b> .....	9	71,757	40,975	14,245	3,805	758	317	599	222
Ammunition .....	91	353	70	53	—	—	—	—	—
Bullets .....	911	269	—	—	—	—	—	—	—
Pellets .....	913	75	60	45	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Offroad vehicle, nonindustrial, n.e.c. ....	-	-	-	-	156	-	-	-	-	-
Plant and industrial powered vehicles, tractors .....	1,209	263	-	18	11,018	-	-	-	-	188
Plant and industrial powered vehicles, unspecified .....	-	20	-	-	222	-	-	-	-	-
Forklift .....	993	174	-	-	9,192	-	-	-	-	146
Forklift, unspecified .....	620	151	-	-	7,015	-	-	-	-	105
Counterbalance rider— high lift ..	-	-	-	-	20	-	-	-	-	-
Hand/rider forklift truck— motorized .....	46	-	-	-	385	-	-	-	-	-
Order picker high lift truck .....	-	-	-	-	69	-	-	-	-	-
Pallet lift truck— motorized .....	256	-	-	-	867	-	-	-	-	-
Platform lift truck— high or low lift .....	-	-	-	-	168	-	-	-	-	-
Reach rider lift truck .....	-	-	-	-	61	-	-	-	-	-
Forklift, n.e.c. ....	-	-	-	-	587	-	-	-	-	-
Powered industrial carrier, except forklifts .....	46	-	-	-	359	-	-	-	-	-
Powered industrial carrier, except forklifts, unspecified .....	-	-	-	-	161	-	-	-	-	-
Container carrier .....	-	-	-	-	-	-	-	-	-	-
Stacker carrier .....	-	-	-	-	-	-	-	-	-	-
Powered industrial carrier, except forklifts, n.e.c. ....	-	-	-	-	176	-	-	-	-	-
Tractor .....	75	37	-	-	381	-	-	-	-	16
Plant and industrial powered vehicle, n.e.c. ....	72	-	-	-	864	-	-	-	-	-
Plant and industrial vehicle— nonpowered .....	14,238	1,738	-	-	384	-	39	39	-	87
Plant and industrial vehicle— nonpowered, unspecified .....	59	-	-	-	-	-	-	-	-	-
Cart, dolly, handtruck .....	13,235	1,611	-	-	311	-	39	39	-	82
Wheelbarrow .....	517	107	-	-	54	-	-	-	-	-
Plant and industrial vehicle— nonpowered, n.e.c. ....	427	-	-	-	-	-	-	-	-	-
Rail vehicle .....	188	39	-	-	394	-	-	-	-	84
Rail vehicle, unspecified .....	67	-	-	-	149	-	-	-	-	-
Streetcar, trolley .....	-	-	-	-	-	-	-	-	-	-
Train .....	44	-	-	-	163	-	-	-	-	-
Rail vehicle, n.e.c. ....	53	-	-	-	47	-	-	-	-	50
Water vehicle .....	85	-	-	-	412	-	-	-	-	-
Water vehicle, unspecified .....	18	-	-	-	-	-	-	-	-	-
Barge .....	-	-	-	-	133	-	-	-	-	-
Canoe, kayak, rowboat, raft .....	-	18	-	-	-	-	-	-	-	-
Jet skis .....	-	-	-	-	140	-	-	-	-	-
Motorboat, yachts .....	-	-	-	-	-	-	-	-	-	-
Ships— other than sail powered ....	-	-	-	-	18	-	-	-	-	-
Tugboat, commercial fishing boat ..	-	-	-	-	84	-	-	-	-	-
Water vehicle, n.e.c. ....	-	-	-	-	-	-	-	-	-	-
Vehicles, n.e.c. ....	48	-	-	-	42	-	-	-	-	-
<b>Other sources</b> .....	<b>9,961</b>	<b>5,100</b>	<b>-</b>	<b>16,876</b>	<b>-</b>	<b>1,810</b>	<b>297</b>	<b>293</b>	<b>-</b>	<b>707</b>
Ammunition .....	-	-	-	-	-	-	273	269	-	-
Bullets .....	-	-	-	-	-	-	261	257	-	-
Pellets .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Apparel and textiles .....	92	4,245	867	295	161	277	-	63	-
Apparel and textiles, unspecified ...	920	45	-	-	-	-	-	-	-
Clothing and shoes .....	921	1,983	335	46	149	-	-	-	16
Clothing, unspecified .....	9210	650	-	-	-	-	-	-	-
Belts, gloves, neckties, scarves .....	9211	627	151	-	132	-	-	-	-
Blouses, shirts, dresses, trousers, skirts .....	9212	203	43	-	-	-	-	-	-
Shoes, boots, slippers, sandals .....	9214	226	112	16	-	-	-	-	-
Suits, coats, jackets .....	9215	68	-	-	-	-	-	-	-
Clothing, n.e.c. ....	9219	201	-	-	-	-	-	-	-
Eye glasses, jewelry, and watches .....	922	502	435	213	-	222	-	63	-
Eye glasses, sunglasses .....	9221	90	-	-	-	-	-	63	-
Jewelry .....	9222	412	409	187	-	222	-	-	-
Textile products .....	923	621	79	-	-	-	-	-	-
Textile products, unspecified .....	9230	43	-	-	-	-	-	-	-
Fabric .....	9231	368	-	-	-	-	-	-	-
Yarn, thread .....	9232	58	36	-	-	19	-	-	-
Textile products, n.e.c. ....	9239	152	-	-	-	-	-	-	-
Laundry .....	924	830	-	-	-	-	-	-	-
Apparel and textiles, n.e.c. ....	929	265	-	-	-	-	-	-	-
Atmospheric and environmental conditions .....	93	8,232	55	36	-	-	-	-	48
Atmospheric and environmental conditions, unspecified .....	930	51	-	-	-	-	-	-	-
Air pressure .....	931	978	-	-	-	-	-	-	-
Air pressure, unspecified .....	9310	398	-	-	-	-	-	-	-
High pressure .....	9311	61	-	-	-	-	-	-	-
Low pressure .....	9312	520	-	-	-	-	-	-	-
Fire, flame, smoke .....	934	3,134	-	-	-	-	-	-	-
Fire, flame, smoke, unspecified .....	9340	160	-	-	-	-	-	-	-
Fire, flame .....	9341	2,569	-	-	-	-	-	-	-
Smoke, fire gases .....	9342	405	-	-	-	-	-	-	-
Temperature extremes— environmental .....	936	3,039	-	-	-	-	-	-	-
Cold— environmental .....	9361	322	-	-	-	-	-	-	-
Heat— environmental .....	9362	2,702	-	-	-	-	-	-	-
Weather and atmospheric conditions .....	937	318	55	36	-	-	-	-	48
Ice, sleet, snow .....	9373	148	55	36	-	-	-	-	48
Lightning .....	9374	166	-	-	-	-	-	-	-
Other environmental conditions .....	939	711	-	-	-	-	-	-	-
Noise .....	9391	500	-	-	-	-	-	-	-
Sun .....	9392	64	-	-	-	-	-	-	-
Environmental conditions, n.e.c. ....	9399	147	-	-	-	-	-	-	-
Paper, books, magazines .....	94	2,888	975	613	172	-	-	-	-
Paper, books, magazines, unspecified .....	940	221	79	-	44	-	-	-	-
Books, notebooks, magazines, catalogues .....	941	650	77	68	-	-	-	-	-
Paper, sheets .....	942	1,260	477	248	69	-	-	-	-
Paper, books, magazines, n.e.c. ...	949	756	343	263	50	-	-	-	-

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness,1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Apparel and textiles .....	2,700	953	—	561	—	—	—	—	—	—
Apparel and textiles, unspecified ...	45	—	—	—	—	—	—	—	—	—
Clothing and shoes .....	1,108	436	—	506	—	—	—	—	—	—
Clothing, unspecified .....	624	264	—	18	—	—	—	—	—	—
Belts, gloves, neckties, scarves .....	—	—	—	451	—	—	—	—	—	—
Blouses, shirts, dresses, trousers, skirts .....	157	93	—	—	—	—	—	—	—	—
Shoes, boots, slippers, sandals .....	68	—	—	—	—	—	—	—	—	—
Suits, coats, jackets .....	50	—	—	—	—	—	—	—	—	—
Clothing, n.e.c. ....	181	51	—	—	—	—	—	—	—	—
Eye glasses, jewelry, and watches .....	—	—	—	—	—	—	—	—	—	—
Eye glasses, sunglasses .....	—	—	—	—	—	—	—	—	—	—
Jewelry .....	—	—	—	—	—	—	—	—	—	—
Textile products .....	499	203	—	38	—	—	—	—	—	—
Textile products, unspecified .....	—	—	—	—	—	—	—	—	—	—
Fabric .....	309	113	—	—	—	—	—	—	—	—
Yarn, thread .....	—	—	—	—	—	—	—	—	—	—
Textile products, n.e.c. ....	134	56	—	—	—	—	—	—	—	—
Laundry .....	799	250	—	—	—	—	—	—	—	—
Apparel and textiles, n.e.c. ....	247	64	—	—	—	—	—	—	—	—
Atmospheric and environmental conditions .....	—	—	—	6,345	—	1,596	—	—	—	185
Atmospheric and environmental conditions, unspecified .....	—	—	—	50	—	—	—	—	—	—
Air pressure .....	—	—	—	978	—	—	—	—	—	—
Air pressure, unspecified .....	—	—	—	398	—	—	—	—	—	—
High pressure .....	—	—	—	61	—	—	—	—	—	—
Low pressure .....	—	—	—	520	—	—	—	—	—	—
Fire, flame, smoke .....	—	—	—	1,647	—	1,476	—	—	—	—
Fire, flame, smoke, unspecified .....	—	—	—	120	—	37	—	—	—	—
Fire, flame .....	—	—	—	1,236	—	1,325	—	—	—	—
Smoke, fire gases .....	—	—	—	290	—	114	—	—	—	—
Temperature extremes— environmental .....	—	—	—	3,033	—	—	—	—	—	—
Cold— environmental .....	—	—	—	321	—	—	—	—	—	—
Heat— environmental .....	—	—	—	2,698	—	—	—	—	—	—
Weather and atmospheric conditions .....	—	—	—	67	—	—	—	—	—	138
Ice, sleet, snow .....	—	—	—	—	—	—	—	—	—	—
Lightning .....	—	—	—	39	—	—	—	—	—	126
Other environmental conditions .....	—	—	—	569	—	113	—	—	—	—
Noise .....	—	—	—	359	—	113	—	—	—	—
Sun .....	—	—	—	64	—	—	—	—	—	—
Environmental conditions, n.e.c. ....	—	—	—	146	—	—	—	—	—	—
Paper, books, magazines .....	1,906	1,055	—	—	—	—	—	—	—	—
Paper, books, magazines, unspecified .....	143	84	—	—	—	—	—	—	—	—
Books, notebooks, magazines, catalogues .....	574	233	—	—	—	—	—	—	—	—
Paper, sheets .....	776	519	—	—	—	—	—	—	—	—
Paper, books, magazines, n.e.c. ...	413	219	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Source code <sup>2</sup>	Total cases	Event or exposure leading to injury or illness <sup>3</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Scrap, waste, debris .....	95	39,728	36,223	11,447	2,963	86	231	182	19
Scrap, waste, debris, unspecified ..	950	2,807	2,264	951	121	—	—	69	19
Chips, particles, splinters .....	951	33,017	31,910	9,553	2,472	72	—	89	—
Chips, particles, splinters, unspecified .....	9510	8,214	8,061	1,809	217	—	—	—	—
Dirt particles .....	9511	3,545	3,366	555	—	—	—	—	—
Glass chips or fibers .....	9512	2,889	2,815	917	1,087	—	—	—	—
Metal chips, particles .....	9513	13,170	12,844	4,966	639	—	—	72	—
Wood chips, sawdust .....	9514	2,457	2,319	760	279	—	—	—	—
Chips, particles, splinters, n.e.c. ....	9519	2,742	2,506	546	227	—	—	—	—
Sewage .....	952	—	—	—	—	—	—	—	—
Trash, garbage .....	953	1,321	176	89	—	—	220	—	—
Scrap, waste, debris, n.e.c. ....	959	2,556	1,871	855	337	—	—	—	—
Steam, vapors, liquids, n.e.c. ....	96	8,718	204	174	—	—	37	—	118
Steam, vapors— nonchemical .....	961	1,189	—	—	—	—	—	—	—
Liquids .....	962	7,529	204	174	—	—	37	—	118
Liquids, unspecified .....	9620	427	—	—	—	—	—	—	43
Water .....	9621	5,280	169	145	—	—	37	—	51
Liquids, n.e.c. ....	9629	1,821	—	—	—	—	—	—	—
Other sources, n.e.c. ....	98	7,593	2,580	1,628	490	383	45	347	—
<b>Nonclassifiable</b> .....	9999	38,376	3,766	1,404	1,308	372	243	254	—

See footnotes at end of table.

TABLE R27. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by source of injury or illness and selected events or exposures leading to injury or illness, 1999 — Continued

Source	Event or exposure leading to injury or illness <sup>3</sup>									
	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	
Scrap, waste, debris .....	1,780	1,092	—	1,203	—	62	—	—	—	20
Scrap, waste, debris, unspecified ..	276	109	—	178	—	—	—	—	—	—
Chips, particles, splinters .....	47	17	—	930	—	19	—	—	—	—
Chips, particles, splinters, unspecified .....	—	—	—	140	—	—	—	—	—	—
Dirt particles .....	—	—	—	172	—	—	—	—	—	—
Glass chips or fibers .....	—	—	—	43	—	—	—	—	—	—
Metal chips, particles .....	—	—	—	225	—	—	—	—	—	—
Wood chips, sawdust .....	—	—	—	122	—	—	—	—	—	—
Chips, particles, splinters, n.e.c. ....	—	—	—	228	—	—	—	—	—	—
Sewage .....	—	—	—	17	—	—	—	—	—	—
Trash, garbage .....	912	586	—	—	—	—	—	—	—	—
Scrap, waste, debris, n.e.c. ....	545	380	—	71	—	43	—	—	—	—
Steam, vapors, liquids, n.e.c. ....	—	—	—	8,247	—	100	—	—	—	—
Steam, vapors— nonchemical .....	—	—	—	1,183	—	—	—	—	—	—
Liquids .....	—	—	—	7,064	—	94	—	—	—	—
Liquids, unspecified .....	—	—	—	355	—	—	—	—	—	—
Water .....	—	—	—	4,925	—	90	—	—	—	—
Liquids, n.e.c. ....	—	—	—	1,785	—	—	—	—	—	—
Other sources, n.e.c. ....	3,569	1,996	—	516	—	45	—	—	—	482
<b>Nonclassifiable .....</b>	<b>5,830</b>	<b>3,254</b>	<b>—</b>	<b>1,083</b>	<b>—</b>	<b>—</b>	<b>324</b>	<b>324</b>	<b>—</b>	<b>26,870</b>

<sup>1</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

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

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

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

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

NOTE: Dashes indicate data that are not available. Because of rounding, data may not sum to totals.  
n.e.c. = not elsewhere classified.

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