

Nonfatal occupational illness incidence rates by industry and category of illness, 1998

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Private industry⁴		44.2	6.0	0.2	2.0	0.5	1.9	28.5	5.1
Agriculture, forestry, and fishing⁴		30.9	17.2	.2	3.7	.5	1.0	4.4	3.8
Agricultural production ⁴	01-02	38.7	18.9	.4	4.4	1.0	.8	8.3	5.0
Agricultural production—crops ⁴	01	39.2	22.6	.3	2.3	1.2	.7	7.1	5.0
Field crops, except cash grains ⁴	013	21.7	10.7	.3	(⁵)	5.1	.9	5.1	.3
Vegetables and melons ⁴	016	30.2	7.9	.3	4.0	1.9	.5	13.8	1.7
Fruits and tree nuts ⁴	017	51.2	38.5	.2	3.4	1.1	.7	2.9	4.4
Horticultural specialties ⁴	018	45.9	23.2	.3	1.2	(⁵)	1.0	10.6	9.7
General farms, primarily crop ⁴	019	3.1	(⁵)	.8	2.3	(⁵)	(⁵)	(⁵)	(⁵)
Agricultural production—livestock ⁴	02	37.1	6.7	.9	11.2	(⁵)	1.0	12.3	4.8
Livestock, except dairy and poultry ⁴	021	40.3	6.7	(⁵)	9.1	(⁵)	(⁵)	20.7	3.7
Dairy farms ⁴	024	13.8	2.3	(⁵)	7.1	(⁵)	1.1	(⁵)	3.1
Poultry and eggs ⁴	025	47.6	10.1	.3	16.9	(⁵)	2.3	14.8	2.9
Animal specialties ⁴	027	78.2	9.9	12.1	15.4	(⁵)	(⁵)	13.2	26.4
Agricultural services	07	26.2	16.4	(⁵)	3.4	.1	1.2	1.8	3.3
Crop services	072	31.2	4.9	.1	16.3	(⁵)	1.8	5.8	2.3
Veterinary services	074	12.7	8.8	(⁵)	1.4	(⁵)	(⁵)	.1	2.3
Animal services, except veterinary	075	77.6	28.6	(⁵)	3.2	(⁵)	4.1	7.5	34.3
Farm labor and management services	076	21.8	20.0	(⁵)	(⁵)	(⁵)	(⁵)	1.4	.3
Landscape and horticultural services	078	26.1	19.3	(⁵)	2.4	.3	1.6	.9	1.5
Forestry	08	18.2	12.4	(⁵)	(⁵)	(⁵)	(⁵)	5.8	(⁵)
Forestry services	085	—	22.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Fishing, hunting, and trapping	09	20.6	5.4	(⁵)	5.4	10.8	(⁵)	(⁵)	(⁵)
Mining⁶		20.8	.9	4.3	.8	.1	.7	12.2	1.9
Metal mining ⁶	10	36.0	.5	.9	.2	.2	(⁵)	32.7	1.4
Iron ores ⁶	101	41.4	(⁵)	4.7	1.2	(⁵)	(⁵)	34.3	1.2
Copper ores ⁶	102	5.7	(⁵)	(⁵)	(⁵)	.8	(⁵)	3.3	1.6
Lead and zinc ores ⁶	103	13.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	9.0	4.5
Gold and silver ores ⁶	104	56.6	.7	(⁵)	(⁵)	(⁵)	(⁵)	54.6	1.3
Ferroalloy ores, except vanadium ⁶	106	115.8	7.2	(⁵)	(⁵)	(⁵)	(⁵)	108.6	(⁵)
Miscellaneous metal ores ⁶	109	16.4	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	16.4	(⁵)
Coal mining ⁶	12	62.5	.9	25.3	.9	.3	.2	29.9	5.1
Bituminous coal and lignite mining ⁶	122	62.2	.8	24.8	.9	.3	.2	30.1	5.2
Anthracite mining ⁶	123	80.6	6.2	55.8	(⁵)	(⁵)	(⁵)	18.6	(⁵)
Oil and gas extraction	13	10.3	.9	(⁵)	.9	(⁵)	.6	6.4	1.5
Crude petroleum and natural gas	131	16.5	—	(⁵)	(⁵)	(⁵)	(⁵)	15.0	1.4
Oil and gas field services	138	6.5	1.4	(⁵)	1.5	(⁵)	1.0	.9	1.6
Nonmetallic minerals, except fuels ⁶	14	14.7	1.0	2.3	.5	.1	1.3	8.5	.9
Dimension stone ⁶	141	14.1	(⁵)	(⁵)	2.3	(⁵)	(⁵)	11.7	(⁵)
Crushed and broken stone ⁶	142	17.2	1.7	3.6	.3	.2	1.0	8.9	1.5
Sand and gravel ⁶	144	6.9	.5	.5	.5	(⁵)	2.5	2.5	.3
Clay, ceramic, and refractory minerals ⁶	145	10.6	.9	1.8	.9	(⁵)	.9	6.2	(⁵)
Chemical and fertilizer minerals ⁶	147	27.1	(⁵)	.8	.8	(⁵)	.8	23.8	.8
Miscellaneous nonmetallic minerals ⁶	149	22.7	(⁵)	8.3	(⁵)	(⁵)	(⁵)	14.5	(⁵)
Construction		14.2	3.3	.3	1.4	.5	2.2	3.6	2.8
General building contractors	15	14.0	3.1	.6	1.1	.7	2.2	4.3	2.0
Residential building construction	152	5.5	1.0	(⁵)	.2	.1	.6	2.6	.8
Nonresidential building construction	154	23.4	5.3	1.2	2.0	1.4	4.0	6.2	3.3
Heavy construction, except building	16	17.1	7.4	.2	2.1	.3	1.4	2.5	3.2
Highway and street construction	161	21.3	11.2	.2	.3	.7	2.6	2.4	3.9
Heavy construction, except highway	162	15.3	5.8	.2	2.9	.2	.8	2.5	2.9
Special trade contractors	17	13.6	2.4	.3	1.3	.5	2.4	3.6	3.0
Plumbing, heating, air-conditioning	171	9.4	.9	(⁵)	1.0	.2	.3	2.2	4.8
Painting and paper hanging	172	20.3	3.7	.1	10.4	1.1	.6	2.3	2.1

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Electrical work	173	11.7	3.0	0.9	0.7	(⁵)	0.3	4.6	2.2
Masonry, stonework, and plastering	174	25.1	2.5	(⁵)	1.4	(⁵)	13.5	5.0	2.6
Carpentry and floor work	175	7.3	.3	(⁵)	—	1.0	.7	3.7	1.5
Roofing, siding, and sheet metal work	176	7.9	1.3	.5	.9	(⁵)	1.0	2.7	1.3
Concrete work	177	11.1	6.0	(⁵)	1.3	(⁵)	.8	2.2	.8
Water well drilling	178	11.5	5.5	(⁵)	.5	(⁵)	(⁵)	5.5	(⁵)
Miscellaneous special trade contractors	179	16.6	2.6	.3	.6	1.9	2.0	4.7	4.5
Manufacturing		125.5	12.9	.4	3.5	1.2	4.8	96.0	6.6
Durable goods		134.4	14.7	.5	4.0	1.7	6.5	99.7	7.2
Lumber and wood products	24	58.7	6.4	.5	1.0	.2	3.2	43.1	4.4
Logging	241	17.5	1.8	(⁵)	(⁵)	(⁵)	(⁵)	15.0	.7
Sawmills and planing mills	242	54.1	5.2	.8	.7	(⁵)	2.6	41.6	3.3
Sawmills and planing mills, general	2421	43.2	4.0	.8	.9	(⁵)	2.7	30.8	4.0
Hardwood dimension and flooring mills	2426	98.2	10.3	1.1	(⁵)	(⁵)	2.2	84.3	—
Millwork, plywood and structural members	243	74.1	8.8	.6	2.0	.1	1.6	54.2	6.8
Millwork	2431	93.0	16.8	.2	4.4	(⁵)	2.5	62.9	6.2
Wood kitchen cabinets	2434	77.6	4.6	1.7	.5	(⁵)	.7	63.9	6.2
Hardwood veneer and plywood	2435	66.4	7.4	(⁵)	(⁵)	(⁵)	1.4	48.8	8.8
Softwood veneer and plywood	2436	53.7	—	(⁵)	1.3	1.0	2.3	29.4	18.4
Structural wood members, n.e.c.	2439	30.3	.2	(⁵)	(⁵)	(⁵)	.2	29.6	(⁵)
Wood containers	244	20.5	2.4	(⁵)	(⁵)	1.9	(⁵)	16.2	(⁵)
Wood pallets and skids	2448	17.7	3.1	(⁵)	(⁵)	2.4	(⁵)	12.2	(⁵)
Wood buildings and mobile homes	245	51.1	7.4	(⁵)	.8	.1	9.8	32.5	.6
Mobile homes	2451	61.4	9.5	(⁵)	1.0	.1	12.6	37.3	.8
Prefabricated wood buildings	2452	15.9	(⁵)	(⁵)	(⁵)	(⁵)	.4	15.5	(⁵)
Miscellaneous wood products	249	81.2	5.0	1.1	(⁵)	(⁵)	7.2	59.5	8.1
Wood preserving	2491	30.6	16.2	(⁵)	(⁵)	(⁵)	2.6	3.4	8.5
Wood products, n.e.c.	2499	101.5	3.4	1.5	(⁵)	(⁵)	2.6	83.8	10.1
Furniture and fixtures	25	109.5	7.0	(⁵)	4.6	.3	3.0	88.6	6.0
Household furniture	251	96.1	5.4	(⁵)	.6	.1	3.6	78.7	7.7
Wood household furniture	2511	95.1	5.8	(⁵)	—	.2	6.9	66.8	15.2
Upholstered household furniture	2512	129.8	5.0	(⁵)	—	(⁵)	—	121.3	1.9
Metal household furniture	2514	50.1	11.8	(⁵)	(⁵)	(⁵)	4.7	33.6	(⁵)
Mattresses and bedsprings	2515	63.9	2.6	(⁵)	(⁵)	(⁵)	.3	59.2	1.4
Household furniture, n.e.c.	2519	47.7	(⁵)	(⁵)	2.6	(⁵)	(⁵)	45.0	(⁵)
Office furniture	252	113.4	8.1	(⁵)	2.7	(⁵)	.7	97.8	4.2
Wood office furniture	2521	72.7	3.9	(⁵)	2.1	(⁵)	(⁵)	66.4	.6
Office furniture, except wood	2522	149.3	11.7	(⁵)	3.2	(⁵)	1.3	125.4	7.4
Public building and related furniture	253	276.3	22.5	.4	10.7	(⁵)	4.8	232.9	5.0
Partitions and fixtures	254	60.4	3.9	(⁵)	16.3	1.2	2.3	31.5	5.0
Wood partitions and fixtures	2541	78.7	4.7	(⁵)	28.8	2.2	3.7	36.0	3.3
Partitions and fixtures, except wood	2542	37.1	3.0	(⁵)	.5	(⁵)	.5	25.9	7.2
Miscellaneous furniture and fixtures	259	105.4	4.9	(⁵)	1.6	(⁵)	1.8	97.1	.3
Drapery hardware and blinds and shades	2591	65.9	.5	(⁵)	(⁵)	(⁵)	2.3	62.2	.5
Furniture and fixtures, n.e.c.	2599	155.8	10.7	(⁵)	3.6	(⁵)	1.2	141.0	(⁵)
Stone, clay, and glass products	32	66.6	14.0	.8	1.2	.5	3.1	42.5	4.4
Flat glass	321	251.1	11.2	1.1	10.6	8.4	4.5	204.0	11.2
Glass and glassware, pressed or blown	322	98.1	19.8	.9	3.5	.3	3.8	59.8	10.0
Glass containers	3221	110.8	5.1	(⁵)	3.9	(⁵)	10.2	69.7	22.3
Pressed and blown glass, n.e.c.	3229	91.4	27.6	1.5	3.5	.4	.4	54.7	3.5
Products of purchased glass	323	92.1	3.3	.3	.3	(⁵)	1.2	79.8	6.8
Cement, hydraulic	324	60.2	32.2	(⁵)	1.1	(⁵)	9.5	4.2	12.7
Structural clay products	325	37.2	5.8	1.2	(⁵)	(⁵)	2.0	25.8	2.3
Brick and structural clay tile	3251	22.8	(⁵)	(⁵)	(⁵)	(⁵)	4.0	13.4	5.4
Ceramic wall and floor tile	3253	66.1	3.1	(⁵)	(⁵)	(⁵)	1.0	62.0	(⁵)

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Pottery and related products	326	196.3	8.7	3.7	2.9	0.8	3.4	175.1	1.8
Vitreous plumbing fixtures	3261	127.2	9.4	.9	(⁵)	(⁵)	10.4	100.8	5.7
Vitreous china table and kitchenware	3262	215.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	215.8	(⁵)
Pottery products, n.e.c.	3269	321.4	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	321.4	(⁵)
Concrete, gypsum, and plaster products	327	37.0	19.6	.7	.3	.3	1.9	12.4	1.8
Concrete block and brick	3271	7.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4.0	3.5
Concrete products, n.e.c.	3272	84.5	50.6	1.2	.2	(⁵)	1.2	28.0	3.3
Ready-mixed concrete	3273	11.7	4.7	.5	.6	(⁵)	3.0	—	(⁵)
Gypsum products	3275	11.7	(⁵)	(⁵)	(⁵)	4.1	(⁵)	4.8	2.8
Cut stone and stone products	328	20.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	20.8
Miscellaneous nonmetallic mineral products	329	25.4	6.2	(⁵)	.2	(⁵)	6.8	11.2	.9
Abrasive products	3291	31.6	7.8	(⁵)	1.0	(⁵)	3.6	16.6	2.6
Minerals, ground or treated	3295	38.6	(⁵)	(⁵)	(⁵)	(⁵)	32.7	5.8	(⁵)
Mineral wool	3296	16.4	1.2	(⁵)	(⁵)	(⁵)	1.6	12.9	.8
Nonmetallic mineral products, n.e.c.	3299	16.8	16.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Primary metal industries	33	106.2	12.8	2.0	6.9	1.9	7.9	68.3	6.4
Blast furnace and basic steel products	331	61.5	6.2	.5	2.6	1.1	6.2	41.6	3.3
Blast furnaces and steel mills	3312	66.9	5.0	.8	3.5	1.4	7.7	45.4	3.2
Steel wire and related products	3315	93.1	13.4	(⁵)	1.0	(⁵)	1.4	66.7	10.6
Cold finishing of steel shapes	3316	43.6	19.9	(⁵)	(⁵)	(⁵)	3.3	21.0	(⁵)
Steel pipe and tubes	3317	26.3	.7	(⁵)	.7	.7	.7	21.7	1.8
Iron and steel foundries	332	163.5	18.3	1.1	5.1	.9	3.9	126.7	7.5
Gray and ductile iron foundries	3321	188.6	10.9	1.1	5.7	1.5	4.5	154.5	10.4
Steel investment foundries	3324	133.6	49.6	(⁵)	8.7	(⁵)	3.6	70.1	—
Steel foundries, n.e.c.	3325	126.3	13.7	1.9	2.2	(⁵)	2.9	101.7	3.8
Primary nonferrous metals	333	222.2	41.8	15.9	15.9	6.8	51.0	72.2	18.6
Primary copper	3331	17.2	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	10.7	6.4
Primary aluminum	3334	319.3	69.6	26.8	21.6	.4	85.8	104.6	10.6
Primary nonferrous metals, n.e.c.	3339	104.5	1.6	(⁵)	11.5	22.2	(⁵)	30.4	38.7
Secondary nonferrous metals	334	102.9	11.6	2.3	12.8	38.9	8.1	29.1	(⁵)
Nonferrous rolling and drawing	335	94.0	10.6	.5	4.8	.1	7.9	65.5	4.7
Copper rolling and drawing	3351	94.8	15.2	(⁵)	.4	(⁵)	14.0	53.6	11.1
Aluminum sheet, plate, and foil	3353	46.9	12.4	(⁵)	2.3	(⁵)	6.9	24.3	—
Aluminum extruded products	3354	68.6	6.5	(⁵)	1.1	(⁵)	12.0	43.8	5.2
Aluminum rolling and drawing, n.e.c.	3355	16.1	2.0	(⁵)	(⁵)	(⁵)	8.1	6.0	(⁵)
Nonferrous rolling and drawing, n.e.c.	3356	108.5	12.3	5.2	5.2	(⁵)	2.6	81.8	1.3
Nonferrous wiredrawing and insulating	3357	121.3	10.6	.1	8.9	.1	5.6	91.6	4.4
Nonferrous foundries (castings)	336	128.6	15.5	4.2	19.6	.6	1.7	78.4	8.4
Aluminum die-castings	3363	163.8	15.4	(⁵)	21.7	1.5	3.2	112.8	9.5
Nonferrous die-casting except aluminum ..	3364	119.1	11.3	4.0	13.0	(⁵)	(⁵)	75.3	16.2
Aluminum foundries	3365	88.6	9.9	13.4	1.9	(⁵)	(⁵)	60.7	2.7
Miscellaneous primary metal products	339	51.6	6.8	(⁵)	6.8	(⁵)	.9	20.2	17.1
Metal heat treating	3398	26.2	1.0	(⁵)	10.1	(⁵)	(⁵)	10.1	5.5
Primary metal products, n.e.c.	3399	92.3	16.2	(⁵)	.8	(⁵)	2.4	36.4	35.6
Fabricated metal products	34	102.3	15.6	.2	3.0	2.2	11.2	62.6	7.6
Metal cans and shipping containers	341	96.1	12.9	(⁵)	4.9	(⁵)	(⁵)	33.5	44.7
Metal cans	3411	69.7	16.1	(⁵)	6.2	(⁵)	(⁵)	41.7	5.8
Cutlery, handtools, and hardware	342	146.5	15.8	(⁵)	1.2	.5	1.5	113.7	14.0
Cutlery	3421	130.0	23.8	(⁵)	(⁵)	(⁵)	(⁵)	106.9	(⁵)
Hand and edge tools, n.e.c.	3423	143.9	18.7	(⁵)	2.5	.2	.7	119.5	2.2
Hardware, n.e.c.	3429	140.4	13.1	(⁵)	.4	.4	2.3	100.5	23.6
Plumbing and heating, except electric	343	216.9	7.1	(⁵)	3.5	(⁵)	125.7	77.8	2.6
Metal sanitary ware	3431	586.6	14.8	(⁵)	3.6	(⁵)	450.3	116.7	1.2
Plumbing fixture fittings and trim	3432	71.9	4.8	(⁵)	4	(⁵)	(⁵)	65.1	1.6
Heating equipment, except electric	3433	76.0	3.7	(⁵)	7.5	(⁵)	(⁵)	59.9	4.8
Fabricated structural metal products	344	50.0	8.0	.1	1.6	.2	8.1	27.6	4.4
Fabricated structural metal	3441	44.1	2.5	(⁵)	.5	(⁵)	13.4	20.6	7.2
Metal doors, sash, and trim	3442	56.6	6.3	(⁵)	1.8	(⁵)	4.2	43.2	1.2

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Fabricated plate work (boiler shops)	3443	79.8	23.0	(⁵)	2.8	0.8	11.4	37.8	4.0
Sheet metalwork	3444	33.9	1.3	(⁵)	.2	(⁵)	1.7	26.0	4.8
Architectural metal work	3446	18.5	4.0	(⁵)	5.5	(⁵)	1.8	5.2	(⁵)
Prefabricated metal buildings	3448	44.9	(⁵)	(⁵)	(⁵)	.6	25.3	9.6	9.6
Miscellaneous metal work	3449	43.8	20.9	(⁵)	4.2	(⁵)	9.7	5.6	3.5
Screw machine products, bolts, etc.	345	55.7	23.4	(⁵)	4.1	.3	3.2	17.2	7.5
Screw machine products	3451	72.1	34.4	(⁵)	7.7	(⁵)	1.5	23.4	4.9
Bolts, nuts, rivets, and washers	3452	39.3	12.3	(⁵)	.6	.6	4.8	11.0	9.9
Metal forgings and stampings	346	204.1	26.1	.1	3.0	2.5	10.7	151.7	10.0
Iron and steel forgings	3462	105.7	19.1	(⁵)	1.1	(⁵)	(⁵)	64.1	21.4
Nonferrous forgings	3463	84.5	16.1	(⁵)	(⁵)	(⁵)	24.7	43.7	(⁵)
Automotive stampings	3465	354.8	39.5	.2	4.8	5.6	9.7	281.6	13.4
Metal stampings, n.e.c.	3469	79.8	14.8	(⁵)	1.8	(⁵)	14.7	45.1	3.5
Metal services, n.e.c.	347	82.9	17.5	1.0	3.7	15.8	1.8	36.9	6.0
Plating and polishing	3471	92.3	22.6	1.7	6.0	1.0	1.9	49.0	10.0
Metal coating and allied services	3479	68.6	10.0	(⁵)	.2	38.1	1.7	18.5	(⁵)
Ordnance and accessories, n.e.c.	348	137.3	17.2	.5	1.5	2.0	2.0	110.4	3.5
Ammunition, except for small arms, n.e.c.	3483	135.5	14.7	1.0	2.1	2.6	3.1	109.4	2.1
Small arms	3484	144.1	26.5	(⁵)	(⁵)	(⁵)	(⁵)	114.4	3.2
Ordnance and accessories, n.e.c.	3489	153.9	20.7	(⁵)	(⁵)	(⁵)	3.0	124.3	3.0
Miscellaneous fabricated metal products	349	73.1	16.1	(⁵)	5.3	.2	7.4	38.2	5.8
Industrial valves	3491	81.5	27.5	(⁵)	1.8	1.8	2.8	37.8	9.9
Fluid power valves and hose fittings	3492	87.9	20.6	(⁵)	1.8	(⁵)	39.6	25.3	.8
Valves and pipe fittings, n.e.c.	3494	35.8	10.0	(⁵)	.4	(⁵)	(⁵)	25.1	.4
Wire springs	3495	40.2	3.4	(⁵)	(⁵)	(⁵)	(⁵)	36.2	(⁵)
Miscellaneous fabricated wire products	3496	72.4	7.0	(⁵)	7.9	(⁵)	.5	47.1	10.0
Metal foil and leaf	3497	12.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	12.7
Fabricated pipe and fittings	3498	93.6	33.2	(⁵)	12.1	(⁵)	2.6	30.4	15.3
Fabricated metal products, n.e.c.	3499	81.4	14.1	(⁵)	6.5	(⁵)	4.6	54.4	2.0
Industrial machinery and equipment	35	78.6	12.7	.2	2.0	.3	3.9	54.4	4.9
Engines and turbines	351	156.8	28.5	.4	3.0	.1	2.1	116.4	6.3
Turbines and turbine generator sets	3511	75.5	7.3	.4	(⁵)	(⁵)	.9	55.2	11.2
Internal combustion engines, n.e.c.	3519	188.8	36.8	.3	4.2	.2	2.5	140.4	4.2
Farm and garden machinery	352	109.8	11.2	(⁵)	5.0	.2	6.5	85.8	1.1
Farm machinery and equipment	3523	64.8	10.7	(⁵)	1.2	.2	4.6	47.3	.7
Lawn and garden equipment	3524	244.0	13.3	(⁵)	15.9	(⁵)	12.2	200.3	2.2
Construction and related machinery	353	89.4	12.5	(⁵)	1.8	.2	10.1	61.2	3.7
Construction machinery	3531	132.4	16.4	(⁵)	2.6	(⁵)	12.9	97.0	3.7
Mining machinery	3532	43.7	5.8	(⁵)	1.7	(⁵)	.6	26.2	8.7
Elevators and moving stairways	3534	—	2.0	(⁵)	2.0	(⁵)	2.0	—	—
Conveyors and conveying equipment	3535	30.1	8.8	(⁵)	1.2	1.0	4.4	12.5	2.2
Hoists, cranes, and monorails	3536	46.7	9.1	(⁵)	3.4	(⁵)	5.7	28.5	(⁵)
Industrial trucks and tractors	3537	114.8	23.9	(⁵)	2.6	(⁵)	26.5	56.8	5.0
Metalworking machinery	354	30.7	7.4	.1	1.2	.2	1.7	16.6	3.4
Machine tools, metal cutting types	3541	16.7	7.0	(⁵)	1.1	(⁵)	(⁵)	8.1	—
Machine tools, metal forming types	3542	30.5	(⁵)	(⁵)	1.1	(⁵)	19.1	10.4	(⁵)
Special dies, tools, jigs and fixtures	3544	19.0	4.8	(⁵)	1.5	.1	(⁵)	11.6	1.1
Machine tool accessories	3545	51.6	15.5	.9	.9	(⁵)	3.7	25.0	5.5
Power-driven handtools	3546	63.5	12.6	(⁵)	1.5	(⁵)	.5	47.0	1.9
Welding apparatus	3548	54.2	4.6	(⁵)	1.4	(⁵)	(⁵)	22.3	26.0
Metalworking machinery, n.e.c.	3549	19.4	6.5	(⁵)	(⁵)	4.0	3.2	5.7	(⁵)
Special industry machinery	355	47.8	6.7	.2	1.0	.3	1.9	32.3	5.4
Textile machinery	3552	63.1	31.6	(⁵)	(⁵)	(⁵)	8.8	(⁵)	23.5
Woodworking machinery	3553	20.6	1.8	(⁵)	.9	(⁵)	(⁵)	17.9	(⁵)
Paper industries machinery	3554	33.5	1.8	.5	(⁵)	2.3	.5	24.0	4.1
Printing trades machinery	3555	28.3	4.4	(⁵)	(⁵)	(⁵)	1.3	22.1	(⁵)
Food products machinery	3556	41.7	3.1	(⁵)	4.3	(⁵)	2.7	20.2	11.3

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Special industry machinery, n.e.c.	3559	59.2	6.3	0.2	0.7	(⁵)	1.2	47.4	3.4
General industrial machinery	356	71.2	15.0	(⁵)	2.4	.4	3.0	46.7	3.6
Pumps and pumping equipment	3561	93.0	3.7	(⁵)	1.2	(⁵)	4.6	83.1	.6
Ball and roller bearings	3562	137.9	42.8	(⁵)	1.7	(⁵)	6.4	81.6	5.7
Air and gas compressors	3563	111.0	9.6	(⁵)	.4	(⁵)	.4	96.6	3.7
Blowers and fans	3564	41.1	6.5	(⁵)	9.3	3.0	4.1	18.0	.5
Packaging machinery	3565	7.3	(⁵)	(⁵)	.4	(⁵)	(⁵)	6.9	(⁵)
Speed changers, drives, and gears	3566	60.0	16.3	.5	6.3	(⁵)	5.8	21.6	9.5
Industrial furnaces and ovens	3567	18.5	2.5	(⁵)	(⁵)	(⁵)	(⁵)	16.0	(⁵)
Power transmission equipment, n.e.c.	3568	55.3	29.5	(⁵)	2.7	.5	(⁵)	20.9	1.8
General industrial machinery, n.e.c.	3569	63.5	13.0	(⁵)	.2	(⁵)	2.5	40.2	7.8
Computer and office equipment	357	74.0	4.6	.4	1.1	.3	.3	65.6	1.9
Electronic computers	3571	68.9	3.8	(⁵)	.9	.2	.2	61.6	2.1
Computer storage devices	3572	63.2	3.8	(⁵)	1.0	(⁵)	.2	57.2	1.0
Computer peripheral equipment, n.e.c.	3577	89.9	8.6	1.9	2.4	(⁵)	(⁵)	77.0	(⁵)
Office machines, n.e.c.	3579	70.4	2.1	(⁵)	(⁵)	.7	(⁵)	62.0	5.6
Refrigeration and service machinery	358	173.7	18.9	.6	3.5	1.1	6.9	129.7	12.9
Automatic vending machines	3581	59.8	1.1	(⁵)	1.1	(⁵)	2.2	47.8	6.5
Commercial laundry equipment	3582	39.7	3.6	(⁵)	3.6	(⁵)	(⁵)	32.5	(⁵)
Refrigeration and heating equipment	3585	194.1	23.8	.6	3.9	1.4	4.2	144.7	15.6
Service industry machinery, n.e.c.	3589	130.6	9.4	.7	3.2	.7	18.7	90.0	7.8
Industrial machinery, n.e.c.	359	64.2	20.9	.2	2.3	.2	5.2	27.9	7.4
Carburetors, pistons, rings, valves	3592	255.5	112.2	1.6	7.4	1.2	14.3	105.6	13.1
Fluid power cylinders and actuators	3593	60.6	10.0	(⁵)	(⁵)	(⁵)	1.0	49.6	(⁵)
Scales and balances, except laboratory ...	3596	126.1	3.7	3.7	3.7	(⁵)	(⁵)	117.0	(⁵)
Industrial machinery, n.e.c.	3599	41.5	14.0	.1	1.9	.2	4.9	13.1	7.3
Electronic and other electric equipment	36	112.4	11.2	.1	4.0	2.0	1.6	89.2	4.4
Electric distribution equipment	361	173.1	7.6	(⁵)	2.1	3.4	5.0	150.2	4.8
Transformers, except electronic	3612	211.7	13.6	(⁵)	2.4	.3	3.9	185.9	5.5
Switchgear and switchboard apparatus	3613	138.9	2.3	(⁵)	1.6	6.0	6.0	118.8	4.2
Electrical industrial apparatus	362	150.6	31.2	(⁵)	3.9	.4	1.6	108.5	5.1
Motors and generators	3621	160.2	19.6	(⁵)	1.4	.8	.6	135.8	1.9
Relays and industrial controls	3625	150.4	54.5	(⁵)	7.5	(⁵)	.9	81.5	6.2
Electrical industrial apparatus, n.e.c.	3629	142.9	4.2	(⁵)	6.4	(⁵)	(⁵)	130.2	3.2
Household appliances	363	238.5	9.3	.3	2.8	.1	2.8	221.0	2.1
Household cooking equipment	3631	212.4	11.9	(⁵)	2.8	(⁵)	10.6	184.0	3.2
Household refrigerators and freezers	3632	299.6	5.6	1.4	1.1	(⁵)	2.5	285.5	3.5
Household laundry equipment	3633	347.1	14.8	(⁵)	5.8	(⁵)	.6	324.6	1.9
Electric housewares and fans	3634	191.4	12.5	(⁵)	1.9	(⁵)	1.1	173.6	1.9
Household appliances, n.e.c.	3639	249.4	8.6	(⁵)	7.9	.7	(⁵)	232.2	(⁵)
Electric lighting and wiring equipment	364	96.2	12.1	.1	.9	.9	.8	78.2	3.1
Electric lamps	3641	49.4	2.5	(⁵)	(⁵)	(⁵)	(⁵)	46.9	(⁵)
Current-carrying wiring devices	3643	84.0	19.3	.3	(⁵)	(⁵)	—	61.8	1.9
Noncurrent-carrying wiring devices	3644	119.5	14.5	(⁵)	1.1	(⁵)	(⁵)	99.4	5.0
Residential lighting fixtures	3645	41.5	1.0	(⁵)	.5	(⁵)	(⁵)	33.5	6.5
Commercial lighting fixtures	3646	85.7	—	(⁵)	(⁵)	(⁵)	(⁵)	82.0	2.9
Vehicular lighting equipment	3647	250.7	24.0	(⁵)	6.4	9.0	4.3	201.2	5.9
Lighting equipment, n.e.c.	3648	76.8	13.5	(⁵)	—	(⁵)	2.1	57.6	—
Household audio and video equipment	365	107.2	10.6	(⁵)	2.4	(⁵)	(⁵)	89.7	4.6
Household audio and video equipment	3651	104.0	7.3	(⁵)	2.2	(⁵)	(⁵)	91.2	3.5
Prerecorded records and tapes	3652	113.4	17.3	(⁵)	2.8	(⁵)	(⁵)	86.6	6.7
Communications equipment	366	59.3	1.4	(⁵)	.9	.1	.4	55.1	1.5
Telephone and telegraph apparatus	3661	50.5	1.2	(⁵)	1.4	(⁵)	(⁵)	45.7	2.2
Radio and TV communications equipment	3663	70.9	1.1	(⁵)	.4	.2	.8	67.2	1.2
Electronic components and accessories	367	76.7	10.5	.2	5.7	.5	1.6	54.3	3.8
Electron tubes	3671	127.4	4.1	.5	1.4	.5	4.1	103.0	14.0
Printed circuit boards	3672	65.6	13.1	.6	6.7	1.5	1.1	39.1	3.4
Semiconductors and related devices	3674	68.1	7.3	(⁵)	5.9	.5	.7	51.3	2.4

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Electronic capacitors	3675	45.9	9.3	(⁵)	1.1	(⁵)	1.6	33.4	0.5
Electronic resistors	3676	226.7	94.5	(⁵)	42.5	(⁵)	(⁵)	85.0	4.7
Electronic coils and transformers	3677	229.6	26.1	(⁵)	14.8	(⁵)	(⁵)	175.6	13.1
Electronic connectors	3678	81.9	1.9	.9	1.4	(⁵)	(⁵)	51.6	26.0
Electronic components, n.e.c.	3679	72.5	9.8	(⁵)	2.9	(⁵)	4.0	54.3	1.5
Miscellaneous electrical equipment and supplies	369	222.1	14.4	(⁵)	9.4	17.1	2.4	163.5	15.3
Storage batteries	3691	270.1	17.0	(⁵)	(⁵)	72.4	4.1	129.3	47.3
Primary batteries, dry and wet	3692	81.9	2.4	(⁵)	3.2	(⁵)	(⁵)	76.4	.8
Engine electrical equipment	3694	325.5	19.6	(⁵)	17.3	8.6	3.9	262.0	14.4
Magnetic and optical recording media	3695	131.0	15.2	(⁵)	7.3	(⁵)	(⁵)	107.9	—
Electrical equipment and supplies, n.e.c.	3699	60.5	5.5	(⁵)	5.5	(⁵)	(⁵)	48.1	1.8
Transportation equipment	37	343.3	29.2	1.4	9.1	3.9	16.2	267.1	16.5
Motor vehicles and equipment	371	477.7	37.3	.3	9.6	4.2	13.1	391.7	21.4
Motor vehicles and car bodies	3711	818.2	40.6	.3	14.2	7.3	15.4	710.1	30.3
Truck and bus bodies	3713	90.7	13.9	.5	1.2	(⁵)	23.1	47.9	4.2
Motor vehicle parts and accessories	3714	331.5	39.2	.2	8.5	3.1	8.1	254.8	17.7
Truck trailers	3715	181.7	10.7	.7	1.2	(⁵)	60.2	81.0	27.7
Aircraft and parts	372	198.6	19.0	.7	7.5	5.5	2.3	149.8	13.9
Aircraft	3721	276.4	21.7	1.2	10.1	9.1	2.1	212.8	19.5
Aircraft engines and engine parts	3724	77.6	14.4	.3	3.3	1.0	1.0	51.0	6.8
Aircraft parts and equipment, n.e.c.	3728	142.5	17.4	.1	5.7	2.0	3.5	105.1	8.9
Ship and boat building and repairing	373	292.0	32.5	12.3	16.6	1.7	88.5	133.7	6.6
Ship building and repairing	3731	350.1	28.8	18.5	22.4	2.6	127.7	140.0	9.9
Boat building and repairing	3732	182.1	39.3	.5	5.7	(⁵)	14.3	121.8	—
Railroad equipment	374	87.0	19.1	.3	7.6	(⁵)	24.8	22.2	13.1
Motorcycles, bicycles, and parts	375	266.4	24.0	(⁵)	11.5	(⁵)	3.8	221.8	5.3
Guided missiles, space vehicles, parts	376	69.1	8.6	.2	3.2	.3	.6	51.0	5.1
Guided missiles and space vehicles	3761	73.6	7.1	.3	3.8	.5	.9	56.9	4.1
Space propulsion units and parts	3764	40.5	9.1	(⁵)	2.4	(⁵)	(⁵)	24.8	4.2
Space vehicle equipment, n.e.c.	3769	83.8	15.8	(⁵)	1.6	(⁵)	(⁵)	55.4	11.1
Miscellaneous transportation equipment	379	102.5	13.5	(⁵)	.9	.4	13.0	69.7	4.9
Travel trailers and campers	3792	74.0	22.3	(⁵)	(⁵)	(⁵)	5.2	41.3	4.7
Tanks and tank components	3795	45.7	1.5	(⁵)	(⁵)	1.5	6.1	38.1	(⁵)
Transportation equipment, n.e.c.	3799	138.4	9.6	(⁵)	1.8	.4	20.2	99.7	6.3
Instruments and related products	38	97.2	8.0	.1	2.8	2.1	1.5	77.8	5.0
Search and navigation equipment	381	51.2	2.1	(⁵)	1.7	.1	.4	44.1	2.7
Measuring and controlling devices	382	97.1	8.1	.1	2.6	.4	1.3	80.2	4.4
Environmental controls	3822	125.9	18.0	(⁵)	1.8	(⁵)	2.8	101.1	2.0
Process control instruments	3823	91.7	4.4	.1	.7	(⁵)	2.3	70.9	13.4
Fluid meters and counting devices	3824	138.6	16.1	(⁵)	14.3	(⁵)	(⁵)	108.2	(⁵)
Instruments to measure electricity	3825	125.0	1.7	(⁵)	1.5	.1	.9	117.8	2.9
Analytical instruments	3826	110.4	11.6	(⁵)	4.1	.9	1.3	91.0	1.6
Optical instruments and lenses	3827	10.6	—	(⁵)	(⁵)	2.5	(⁵)	2.1	(⁵)
Measuring and controlling devices, n.e.c.	3829	73.0	12.9	.2	6.2	.2	.5	51.5	1.2
Medical instruments and supplies	384	106.3	8.8	.1	3.5	6.0	2.5	79.7	5.8
Surgical and medical instruments	3841	112.4	5.7	(⁵)	1.6	.4	.1	96.2	8.2
Surgical appliances and supplies	3842	92.9	10.5	.2	5.5	(⁵)	2.8	70.5	3.3
Dental equipment and supplies	3843	283.5	36.3	(⁵)	14.1	106.8	(⁵)	126.3	(⁵)
X-ray apparatus and tubes	3844	58.2	2.7	(⁵)	(⁵)	(⁵)	(⁵)	54.8	(⁵)
Electromedical equipment	3845	76.3	5.9	.2	1.1	.9	9.5	49.8	8.6
Ophthalmic goods	385	260.7	32.2	(⁵)	4.2	(⁵)	1.5	218.9	3.9
Photographic equipment and supplies	386	95.7	7.2	.4	3.0	(⁵)	.4	74.8	9.9
Miscellaneous manufacturing industries	39	71.6	14.3	.3	1.9	.1	2.3	49.8	2.9
Jewelry, silverware, and plated ware	391	76.0	21.5	(⁵)	.4	(⁵)	(⁵)	51.2	3.1
Jewelry, precious metal	3911	86.6	26.7	(⁵)	.6	(⁵)	(⁵)	56.7	3.0
Musical instruments	393	93.6	14.1	(⁵)	1.3	(⁵)	(⁵)	77.0	1.3

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Toys and sporting goods	394	98.2	14.4	0.5	2.0	0.3	2.1	73.6	5.5
Dolls and stuffed toys	3942	2.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	2.0
Games, toys, and children's vehicles	3944	121.9	8.3	(⁵)	2.4	(⁵)	1.0	106.3	4.2
Sporting and athletic goods, n.e.c.	3949	95.3	18.1	.7	1.9	.4	2.6	65.2	6.3
Pens, pencils, office, and art supplies	395	67.4	4.4	(⁵)	(⁵)	(⁵)	4.7	56.9	1.4
Pens and mechanical pencils	3951	67.6	2.3	(⁵)	(⁵)	(⁵)	7.0	53.6	4.7
Costume jewelry and notions	396	49.5	12.0	(⁵)	5.3	(⁵)	.5	26.5	4.8
Costume jewelry	3961	42.7	17.7	(⁵)	4.6	(⁵)	.9	19.5	(⁵)
Fasteners, buttons, needles, and pins	3965	56.9	6.0	(⁵)	6.0	(⁵)	(⁵)	34.9	10.0
Miscellaneous manufactures	399	55.3	14.3	.3	2.3	(⁵)	3.1	33.8	1.4
Brooms and brushes	3991	102.7	9.7	(⁵)	2.8	(⁵)	5.5	83.4	—
Signs and advertising specialities	3993	32.2	6.1	.7	1.2	(⁵)	3.1	21.1	(⁵)
Burial caskets	3995	99.0	3.9	(⁵)	(⁵)	(⁵)	1.3	82.3	11.6
Hard surface floor coverings, n.e.c.	3996	23.2	1.5	(⁵)	(⁵)	(⁵)	(⁵)	18.9	1.5
Manufacturing industries, n.e.c.	3999	68.7	26.9	(⁵)	4.0	(⁵)	3.2	32.6	2.0
Nondurable goods		112.0	10.2	.2	2.7	.4	2.1	90.5	5.8
Food and kindred products	20	258.5	21.4	.2	5.7	1.1	4.5	217.8	7.9
Meat products	201	683.8	54.4	.3	11.4	1.0	8.4	597.9	10.5
Meat packing plants	2011	1,135.4	89.0	.4	12.0	.7	16.8	993.5	23.1
Sausages and other prepared meats	2013	256.2	10.1	.4	8.2	2.0	4.1	226.8	4.4
Poultry slaughtering and processing	2015	567.5	50.0	.1	12.2	.9	4.8	494.6	4.9
Dairy products	202	54.0	8.8	.2	2.4	.1	2.9	36.5	3.2
Cheese, natural and processed	2022	81.6	13.0	(⁵)	3.1	(⁵)	3.4	57.3	4.2
Dry, condensed, evaporated products	2023	62.7	16.0	1.8	1.2	(⁵)	(⁵)	32.6	10.5
Ice cream and frozen desserts	2024	79.7	5.0	(⁵)	4.6	(⁵)	7.3	60.0	2.3
Fluid milk	2026	23.9	6.0	(⁵)	.6	.3	(⁵)	15.8	1.0
Preserved fruits and vegetables	203	76.3	7.0	.4	2.7	1.0	3.7	51.8	9.8
Canned specialities	2032	45.4	4.8	.6	2.4	.6	1.2	32.8	3.6
Canned fruits and vegetables	2033	45.4	5.3	(⁵)	2.4	.8	4.6	25.9	6.5
Dehydrated fruits, vegetables, soups	2034	49.7	17.0	(⁵)	(⁵)	(⁵)	(⁵)	28.6	4.8
Pickles, sauces, and salad dressings	2035	73.8	.9	(⁵)	1.8	(⁵)	3.2	52.5	14.9
Frozen fruits and vegetables	2037	104.1	9.7	1.7	6.4	3.3	3.9	52.9	25.9
Frozen specialities, n.e.c.	2038	110.7	7.2	(⁵)	.9	(⁵)	4.5	97.4	.7
Grain mill products	204	46.5	8.1	(⁵)	2.1	(⁵)	2.6	29.5	4.2
Cereal breakfast foods	2043	67.9	6.0	(⁵)	.5	(⁵)	3.5	53.8	3.5
Rice milling	2044	38.4	8.1	(⁵)	8.1	(⁵)	10.1	8.1	4.0
Prepared flour mixes and doughs	2045	124.6	29.1	(⁵)	4.1	(⁵)	8.8	74.5	8.1
Wet corn milling	2046	16.4	6.4	(⁵)	2.7	(⁵)	(⁵)	—	2.7
Dog and cat food	2047	43.4	2.4	(⁵)	(⁵)	(⁵)	(⁵)	25.5	15.6
Prepared feeds, n.e.c.	2048	15.9	2.4	(⁵)	.5	(⁵)	2.2	10.5	(⁵)
Bakery products	205	77.4	6.7	(⁵)	2.2	1.6	.9	57.4	8.5
Bread, cake, and related products	2051	46.6	5.1	.1	2.0	.1	.8	36.5	2.0
Cookies and crackers	2052	155.5	9.6	(⁵)	—	6.5	1.5	107.0	30.2
Sugar and confectionery products	206	79.3	5.3	.3	1.5	7.0	.5	58.2	6.5
Raw cane sugar	2061	3.5	3.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Beet sugar	2063	—	9.5	3.6	15.5	3.6	(⁵)	—	(⁵)
Candy and other confectionery products ..	2064	101.0	6.4	(⁵)	(⁵)	12.8	1.0	71.2	9.7
Chocolate and cocoa products	2066	88.5	5.2	(⁵)	(⁵)	(⁵)	(⁵)	81.9	1.5
Fats and oils	207	16.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	14.2
Beverages	208	43.4	3.1	.1	1.8	.1	.8	33.3	4.2
Malt beverages	2082	110.7	2.8	.3	1.5	(⁵)	.6	92.5	12.9
Wines, brandy, and brandy spirits	2084	55.5	1.5	(⁵)	1.5	(⁵)	.5	49.1	2.9
Distilled and blended liquors	2085	49.7	12.4	(⁵)	1.4	(⁵)	(⁵)	31.7	4.1
Bottled and canned soft drinks	2086	22.9	2.8	(⁵)	1.8	.2	.8	15.1	2.1
Flavoring extracts and syrups, n.e.c.	2087	26.1	2.8	(⁵)	2.8	(⁵)	1.9	16.8	1.9
Miscellaneous food and kindred products ..	209	152.5	12.5	.2	10.1	.1	7.9	114.3	7.4
Canned and cured fish and seafoods	2091	164.1	33.7	(⁵)	4.6	(⁵)	(⁵)	118.1	9.2
Fresh or frozen prepared fish	2092	347.1	27.9	(⁵)	25.6	.5	26.4	254.2	12.5

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Roasted coffee	2095	17.2	1.0	4.0	(⁵)	(⁵)	(⁵)	11.1	1.0
Potato chips and similar snacks	2096	233.6	10.7	(⁵)	3.7	(⁵)	1.0	206.5	11.7
Food preparations, n.e.c.	2099	51.5	6.9	(⁵)	8.5	(⁵)	1.9	29.1	5.1
Tobacco products	21	46.5	1.4	(⁵)	(⁵)	(⁵)	.3	40.7	4.1
Cigarettes	211	42.0	2.2	(⁵)	(⁵)	(⁵)	.4	32.5	6.5
Textile mill products	22	69.2	5.4	.2	.9	.1	1.2	53.5	7.9
Broadwoven fabric mills, cotton	221	57.4	.8	.1	(⁵)	(⁵)	(⁵)	38.9	17.6
Broadwoven fabric mills, manmade	222	47.1	2.5	.8	1.7	.2	.3	30.7	11.0
Broadwoven fabric mills, wool	223	45.5	3.7	(⁵)	.7	(⁵)	3.7	38.0	(⁵)
Narrow fabric mills	224	68.1	22.5	(⁵)	4.3	(⁵)	4.8	33.1	3.8
Knitting mills	225	115.2	5.0	(⁵)	.3	(⁵)	1.2	106.0	2.7
Women's hosiery, except socks	2251	132.2	8.0	(⁵)	(⁵)	(⁵)	(⁵)	122.9	1.2
Hosiery, n.e.c.	2252	238.7	1.9	(⁵)	.3	(⁵)	2.4	228.3	5.4
Knit outerwear mills	2253	64.0	7.2	(⁵)	(⁵)	(⁵)	1.7	53.9	1.5
Knit underwear mills	2254	180.9	10.6	(⁵)	(⁵)	(⁵)	2.4	164.3	4.7
Weft knit fabric mills	2257	65.6	3.9	(⁵)	.4	(⁵)	(⁵)	58.6	2.6
Lace and warp knit fabric mills	2258	34.0	2.7	(⁵)	1.1	(⁵)	(⁵)	29.0	1.1
Textile finishing, except wool	226	27.3	4.2	.5	2.0	(⁵)	.5	17.7	2.3
Finishing plants, cotton	2261	36.2	3.7	(⁵)	2.7	(⁵)	.3	26.4	2.7
Finishing plants, manmade	2262	8.8	.5	1.4	2.3	(⁵)	.9	3.7	(⁵)
Finishing plants, n.e.c.	2269	36.3	10.7	(⁵)	(⁵)	(⁵)	(⁵)	20.8	4.7
Carpets and rugs	227	29.4	5.4	(⁵)	.2	(⁵)	1.9	21.6	—
Yarn and thread mills	228	86.6	2.6	(⁵)	(⁵)	(⁵)	1.6	60.9	21.4
Yarn spinning mills	2281	113.1	3.6	(⁵)	(⁵)	(⁵)	2.2	78.4	28.9
Throwing and winding mills	2282	21.2	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	19.5	1.8
Miscellaneous textile goods	229	57.1	15.4	.2	2.5	1.2	1.2	33.4	3.2
Coated fabrics, not rubberized	2295	96.7	55.8	(⁵)	8.4	(⁵)	(⁵)	18.6	14.0
Tire cord and fabrics	2296	45.5	25.0	(⁵)	(⁵)	(⁵)	(⁵)	19.1	(⁵)
Nonwoven fabrics	2297	41.1	(⁵)	(⁵)	(⁵)	2.8	1.4	36.3	(⁵)
Cordage and twine	2298	51.6	5.7	1.4	(⁵)	(⁵)	(⁵)	38.7	5.7
Textile goods, n.e.c.	2299	53.1	3.4	(⁵)	2.8	1.7	2.8	42.9	(⁵)
Apparel and other textile products	23	129.6	7.3	.2	1.8	.7	1.0	112.2	6.5
Men's and boys' suits and coats	231	134.0	4.8	(⁵)	2.0	(⁵)	4.0	105.5	17.7
Men's and boys' furnishings	232	237.3	8.4	.3	.7	.4	.7	210.8	16.0
Men's and boys' shirts	2321	160.5	6.2	(⁵)	(⁵)	(⁵)	(⁵)	147.9	6.5
Men's and boys' underwear and nightwear	2322	184.5	25.7	(⁵)	(⁵)	(⁵)	.9	114.2	43.8
Men's and boys' trousers and slacks	2325	455.5	10.4	.9	2.2	(⁵)	1.5	406.9	33.7
Men's and boys' work clothing	2326	188.2	7.3	(⁵)	(⁵)	(⁵)	1.5	174.4	5.5
Men's and boys' clothing, n.e.c.	2329	69.0	3.8	(⁵)	(⁵)	1.9	(⁵)	63.3	(⁵)
Women's and misses' outerwear	233	58.8	7.8	(⁵)	.5	(⁵)	—	49.7	.7
Women's, junior's, and misses' dresses ...	2335	—	—	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)
Women's and misses' suits and coats	2337	33.3	—	(⁵)	(⁵)	(⁵)	(⁵)	30.6	(⁵)
Women's and misses' outerwear, n.e.c. ...	2339	78.2	10.7	(⁵)	.7	(⁵)	.1	65.7	.9
Women's and children's undergarments	234	63.1	—	(⁵)	2.3	(⁵)	(⁵)	60.8	(⁵)
Women's and children's underwear	2341	59.5	(⁵)	(⁵)	2.4	(⁵)	(⁵)	57.1	(⁵)
Hats, caps, and millinery	235	297.4	13.0	(⁵)	(⁵)	(⁵)	1.4	281.6	—
Girls' and children's outerwear	236	116.7	4.5	(⁵)	(⁵)	(⁵)	1.8	109.5	.9
Girls' and children's outerwear, n.e.c.	2369	146.0	3.7	(⁵)	(⁵)	(⁵)	2.9	137.9	1.5
Miscellaneous apparel and accessories	238	30.5	5.8	(⁵)	(⁵)	(⁵)	(⁵)	25.0	(⁵)
Apparel belts	2387	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)
Apparel and accessories, n.e.c.	2389	20.2	10.4	(⁵)	(⁵)	(⁵)	(⁵)	9.7	(⁵)
Miscellaneous fabricated textile products ...	239	127.5	7.2	.3	4.6	1.9	1.8	105.4	6.3
Curtains and draperies	2391	92.8	2.6	(⁵)	14.8	(⁵)	3.7	68.0	3.7
Housefurnishings, n.e.c.	2392	64.5	4.7	(⁵)	.4	(⁵)	.9	56.1	2.4
Textile bags	2393	119.6	(⁵)	7.0	1.0	(⁵)	14.0	91.7	6.0
Canvas and related products	2394	44.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	41.8	3.0
Pleating and stitching	2395	17.6	4.5	(⁵)	1.1	(⁵)	(⁵)	12.5	(⁵)
Automotive and apparel trimmings	2396	196.4	16.9	(⁵)	9.2	1.0	1.7	159.1	8.5

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Fabricated textile products, n.e.c.	2399	262.6	5.1	(⁵)	3.0	11.5	0.3	225.4	16.9
Paper and allied products	26	48.8	3.0	(⁵)	2.0	.2	1.6	37.4	4.6
Pulp mills	261	31.8	(⁵)	1.6	7.8	(⁵)	(⁵)	20.2	2.3
Paper mills	262	69.9	3.9	(⁵)	3.7	.5	4.2	48.5	9.1
Paperboard mills	263	18.4	—	(⁵)	5.0	.2	1.1	11.0	—
Paperboard containers and boxes	265	37.9	1.2	(⁵)	.3	.2	1.3	30.9	4.0
Corrugated and solid fiber boxes	2653	37.5	1.5	(⁵)	.3	.3	.9	28.3	6.2
Fiber cans, drums and similar products	2655	26.6	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	24.8	1.2
Sanitary food containers	2656	49.7	(⁵)	(⁵)	(⁵)	.5	(⁵)	49.2	(⁵)
Folding paperboard boxes	2657	43.1	1.2	(⁵)	.4	(⁵)	3.7	37.5	—
Miscellaneous converted paper products ...	267	52.3	4.5	(⁵)	1.5	(⁵)	.2	42.9	3.2
Paper coated and laminated, packaging ...	2671	56.4	13.5	(⁵)	(⁵)	(⁵)	(⁵)	42.9	(⁵)
Paper coated and laminated, n.e.c.	2672	39.2	6.6	(⁵)	2.0	(⁵)	(⁵)	30.1	—
Bags: plastics, laminated, and coated	2673	25.5	.7	(⁵)	(⁵)	(⁵)	(⁵)	20.7	4.0
Bags: uncoated paper and multiwall	2674	67.1	8.0	(⁵)	(⁵)	(⁵)	1.7	52.3	5.1
Die-cut paper and board	2675	59.5	1.0	(⁵)	(⁵)	(⁵)	(⁵)	51.3	7.2
Sanitary paper products	2676	65.8	4.3	(⁵)	4.0	(⁵)	.9	53.8	3.1
Envelopes	2677	55.4	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	48.0	7.4
Stationery products	2678	68.4	6.7	(⁵)	(⁵)	(⁵)	(⁵)	61.7	(⁵)
Converted paper products, n.e.c.	2679	67.5	3.5	(⁵)	3.8	(⁵)	(⁵)	57.4	2.9
Printing and publishing	27	42.4	2.4	.1	.4	(⁵)	.6	35.3	3.7
Newspapers	271	49.0	1.1	(⁵)	.8	.1	.5	42.0	4.5
Periodicals	272	21.3	—	(⁵)	(⁵)	(⁵)	1.3	16.1	3.6
Books	273	39.9	1.2	(⁵)	.2	(⁵)	.1	33.3	5.1
Book publishing	2731	34.9	1.3	(⁵)	(⁵)	(⁵)	.1	26.1	7.6
Book printing	2732	49.5	1.0	(⁵)	.5	(⁵)	(⁵)	47.4	.5
Miscellaneous publishing	274	23.0	(⁵)	(⁵)	(⁵)	(⁵)	.4	17.8	4.8
Commercial printing	275	42.7	4.7	.3	.3	(⁵)	.7	33.1	3.5
Commercial printing, lithographic	2752	43.3	2.0	.4	.3	(⁵)	.9	37.0	2.8
Commercial printing, gravure	2754	67.9	11.0	.5	(⁵)	(⁵)	2.3	53.2	.5
Commercial printing, n.e.c.	2759	38.4	9.3	.1	.3	(⁵)	.3	23.0	5.4
Manifold business forms	276	57.8	2.6	(⁵)	(⁵)	(⁵)	(⁵)	53.8	1.4
Greeting cards	277	132.9	1.2	(⁵)	.4	.8	(⁵)	130.1	(⁵)
Blankbooks and bookbinding	278	58.9	(⁵)	(⁵)	.5	(⁵)	(⁵)	56.9	1.6
Blankbooks and looseleaf binders	2782	68.6	(⁵)	(⁵)	.9	(⁵)	(⁵)	68.0	(⁵)
Bookbinding and related work	2789	46.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	43.2	3.6
Printing trade services	279	4.1	1.0	(⁵)	.2	(⁵)	(⁵)	2.8	(⁵)
Typesetting	2791	7.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7.7	(⁵)
Platemaking services	2796	—	1.5	(⁵)	.3	(⁵)	(⁵)	—	(⁵)
Chemicals and allied products	28	54.2	12.5	.4	2.9	.5	2.8	30.5	4.5
Industrial inorganic chemicals	281	14.6	3.1	.1	.7	.2	1.3	7.4	1.9
Alkalies and chlorine	2812	—	3.8	(⁵)	(⁵)	(⁵)	(⁵)	—	3.8
Industrial gases	2813	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)
Inorganic pigments	2816	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)
Industrial inorganic chemicals, n.e.c.	2819	20.7	4.6	.1	1.1	.3	2.1	9.9	2.6
Plastics materials and synthetics	282	41.7	9.4	.3	4.3	.1	2.0	22.7	3.0
Plastics materials and resins	2821	39.4	13.1	(⁵)	5.9	.1	1.7	15.7	2.9
Organic fibers, noncellulosic	2824	44.4	4.6	.9	1.7	(⁵)	2.6	32.7	2.0
Drugs	283	89.3	20.4	.4	3.2	.3	3.4	54.4	7.3
Medicinals and botanicals	2833	72.8	23.1	1.2	4.9	.8	.8	28.7	13.4
Pharmaceutical preparations	2834	89.7	13.1	.3	3.4	.2	3.7	61.0	7.8
Diagnostic substances	2835	61.4	—	(⁵)	1.8	(⁵)	3.6	54.7	(⁵)
Biological products except diagnostic	2836	132.0	119.0	(⁵)	(⁵)	(⁵)	2.7	10.3	(⁵)
Soap, cleaners, and toilet goods	284	48.5	6.1	.2	2.8	(⁵)	1.6	32.9	4.8
Soap and other detergents	2841	58.4	2.3	(⁵)	1.8	(⁵)	2.0	40.8	11.3
Polishes and sanitation goods	2842	64.0	8.2	(⁵)	7.3	(⁵)	3.2	39.9	5.1
Toilet preparations	2844	41.9	7.9	.4	1.8	(⁵)	.8	29.2	1.8
Paints and allied products	285	32.4	18.6	(⁵)	1.5	(⁵)	6.3	6.0	(⁵)
Industrial organic chemicals	286	39.0	7.3	.8	1.8	1.4	2.8	18.9	5.9

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Cyclic crudes and intermediates	2865	27.9	6.1	(⁵)	3.2	(⁵)	8.9	7.7	2.0
Industrial organic chemicals, n.e.c.	2869	42.1	7.7	.9	1.5	1.7	1.5	21.7	7.0
Agricultural chemicals	287	47.9	8.1	2.8	1.7	(⁵)	5.4	23.6	6.4
Phosphatic fertilizers	2874	53.3	16.1	(⁵)	6.0	(⁵)	1.0	—	24.1
Agricultural chemicals, n.e.c.	2879	35.5	7.8	(⁵)	1.2	(⁵)	9.9	14.0	2.9
Miscellaneous chemical products	289	69.4	23.3	(⁵)	5.4	2.2	3.2	34.5	.8
Adhesives and sealants	2891	76.3	46.3	(⁵)	(⁵)	(⁵)	(⁵)	29.2	.8
Explosives	2892	87.0	17.7	(⁵)	5.0	(⁵)	1.3	56.7	5.0
Printing ink	2893	38.1	11.1	(⁵)	(⁵)	(⁵)	(⁵)	27.0	(⁵)
Chemical preparations, n.e.c.	2899	78.2	15.9	(⁵)	11.2	4.9	6.8	38.6	.5
Petroleum and coal products	29	10.7	2.2	.1	1.2	(⁵)	1.1	4.4	1.7
Petroleum refining	291	10.6	1.7	.1	.4	(⁵)	.8	5.9	1.8
Asphalt paving and roofing materials	295	13.7	5.6	(⁵)	4.9	(⁵)	1.4	—	1.1
Asphalt paving mixtures and blocks	2951	—	2.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Asphalt felts and coatings	2952	26.9	9.0	(⁵)	10.5	(⁵)	3.0	—	2.2
Miscellaneous petroleum and coal products	299	6.1	(⁵)	(⁵)	(⁵)	(⁵)	2.7	(⁵)	2.7
Lubricating oils and greases	2992	7.3	(⁵)	(⁵)	(⁵)	(⁵)	3.2	(⁵)	3.2
Rubber and miscellaneous plastics products	30	83.6	11.2	.1	3.0	.3	1.7	60.8	6.4
Tires and inner tubes	301	81.6	7.5	(⁵)	.7	(⁵)	.6	69.9	2.7
Rubber and plastics footwear	302	57.3	5.1	(⁵)	(⁵)	1.7	3.4	45.5	(⁵)
Hose and belting and gaskets and packing	305	100.0	17.1	(⁵)	1.3	(⁵)	1.3	76.9	3.5
Rubber and plastics hose and belting	3052	109.3	12.2	(⁵)	1.0	(⁵)	2.0	89.7	4.4
Gaskets, packing and sealing devices	3053	93.4	20.5	(⁵)	1.4	(⁵)	.5	67.9	2.9
Fabricated rubber products, n.e.c.	306	137.7	17.0	(⁵)	7.3	(⁵)	2.1	104.2	7.2
Mechanical rubber goods	3061	123.5	17.8	(⁵)	2.0	(⁵)	2.4	93.9	7.6
Fabricated rubber products, n.e.c.	3069	150.4	16.2	(⁵)	12.1	(⁵)	1.7	113.4	6.8
Miscellaneous plastics products, n.e.c.	308	74.1	10.2	.1	2.8	.4	1.8	51.7	7.0
Unsupported plastics film and sheet	3081	62.9	5.4	(⁵)	1.3	(⁵)	1.4	52.7	2.4
Unsupported plastics profile shapes	3082	70.5	13.2	(⁵)	(⁵)	(⁵)	(⁵)	56.5	—
Laminated plastics plate and sheet	3083	142.6	60.8	1.2	12.0	(⁵)	(⁵)	63.1	5.0
Plastics pipe	3084	39.1	11.3	(⁵)	7.7	(⁵)	1.5	18.5	(⁵)
Plastics bottles	3085	16.6	(⁵)	(⁵)	(⁵)	(⁵)	.6	14.5	1.5
Plastics foam products	3086	62.1	7.8	.3	1.5	.2	.3	40.3	11.8
Custom compound purchased resins	3087	211.5	16.4	(⁵)	16.7	5.2	5.6	157.6	10.0
Plastics plumbing fixtures	3088	79.4	10.3	(⁵)	.5	(⁵)	(⁵)	69.1	(⁵)
Plastics products, n.e.c.	3089	70.9	8.5	.1	2.1	.3	2.2	49.4	8.3
Leather and leather products	31	279.2	14.5	.8	1.9	.4	1.3	255.8	4.8
Leather tanning and finishing	311	280.4	52.2	(⁵)	7.3	(⁵)	(⁵)	220.1	—
Footwear, except rubber	314	431.1	14.4	1.8	1.8	.9	2.9	400.7	8.2
Men's footwear, except athletic	3143	385.6	15.2	(⁵)	—	1.5	5.1	350.2	13.2
Women's footwear, except athletic	3144	191.7	11.2	7.5	1.2	(⁵)	(⁵)	169.3	2.5
Luggage	316	113.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	103.7	9.7
Handbags and personal leather goods	317	34.9	—	(⁵)	(⁵)	(⁵)	(⁵)	33.7	(⁵)
Women's handbags and purses	3171	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Leather goods, n.e.c.	319	28.0	—	(⁵)	(⁵)	(⁵)	(⁵)	27.1	(⁵)
Transportation and public utilities⁶		26.7	2.8	.4	2.0	.4	2.0	14.8	4.3
Railroad transportation ⁶	40	6.7	.9	(⁵)	.4	.1	1.2	2.8	1.3
Local and interurban passenger transit	41	30.7	1.4	.9	3.4	.5	1.1	5.3	18.1
Local and suburban transportation	411	47.3	2.7	1.8	4.1	.5	1.0	6.9	30.3
Taxicabs	412	—	(⁵)	(⁵)	2.1	(⁵)	3.2	—	(⁵)
Bus charter service	414	5.0	(⁵)	(⁵)	(⁵)	1.7	1.7	(⁵)	2.0
School buses	415	19.8	(⁵)	(⁵)	4.5	.1	.7	5.8	8.6
Trucking and warehousing	42	8.9	.2	(⁵)	1.7	.5	.4	4.4	1.7
Trucking and courier services, except air	421	8.5	—	(⁵)	1.6	.5	.5	4.3	1.6

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Public warehousing and storage	422	—	—	(⁵)	2.7	(⁵)	(⁵)	—	3.3
Water transportation	44	17.5	0.5	(⁵)	2.3	(⁵)	2.5	7.5	4.6
Deep sea domestic transportation of freight	442	168.0	(⁵)	(⁵)	29.2	(⁵)	46.7	71.1	21.0
Water transportation of freight, n.e.c.	444	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Water transportation of passengers	448	11.8	2.8	(⁵)	(⁵)	(⁵)	(⁵)	7.3	1.7
Water transportation services	449	10.8	.4	(⁵)	1.2	(⁵)	.2	4.0	5.0
Transportation by air	45	48.9	2.8	.2	3.6	1.0	7.6	23.5	10.1
Air transportation, scheduled	451	56.8	3.1	.3	4.2	1.3	9.0	27.0	12.0
Air transportation, nonscheduled	452	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—
Pipelines, except natural gas	46	4.8	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4.8	(⁵)
Transportation services	47	15.3	1.5	(⁵)	.9	.1	.5	10.6	1.6
Passenger transportation arrangement	472	10.6	(⁵)	(⁵)	.3	(⁵)	—	9.8	.5
Freight transportation arrangement	473	18.8	1.4	(⁵)	1.7	.3	.3	12.8	2.3
Miscellaneous transportation services	478	22.0	8.5	(⁵)	(⁵)	(⁵)	3.4	6.3	4.0
Communications	48	32.2	3.0	.1	1.4	(⁵)	.4	24.4	2.9
Telephone communications	481	40.6	2.9	.1	1.5	(⁵)	.4	32.6	3.2
Radio and television broadcasting	483	7.2	—	.2	1.2	(⁵)	—	—	3.8
Cable and other pay television services	484	21.5	7.6	(⁵)	1.7	.4	.9	10.4	.4
Electric, gas, and sanitary services	49	39.5	9.8	2.3	1.9	.6	2.4	20.8	1.8
Electric services	491	42.3	11.9	4.1	1.2	.1	2.3	21.3	1.3
Gas production and distribution	492	30.4	11.9	.1	.7	.1	1.8	14.4	1.6
Combination utility services	493	55.6	6.2	2.7	.8	.4	2.9	39.4	3.1
Water supply	494	41.5	8.1	(⁵)	9.2	.4	2.2	21.3	(⁵)
Sanitary services	495	25.8	7.1	(⁵)	4.2	2.3	2.8	7.3	2.1
Wholesale and retail trade		16.7	1.9	.1	1.1	.1	.9	9.0	3.6
Wholesale trade		17.8	1.4	.1	.6	.2	.8	11.5	3.1
Wholesale trade—durable goods	50	14.4	.9	.1	.6	.3	.5	8.5	3.5
Motor vehicles, parts, and supplies	501	28.8	1.9	(⁵)	1.4	(⁵)	.8	18.3	6.3
Lumber and construction materials	503	11.0	.9	.4	1.1	(⁵)	.2	5.7	2.8
Professional and commercial equipment	504	16.3	.3	(⁵)	.4	(⁵)	.2	13.0	2.4
Metals and minerals, except petroleum	505	12.8	1.4	(⁵)	.4	(⁵)	5.4	4.9	.6
Electrical goods	506	7.0	—	(⁵)	.3	(⁵)	(⁵)	5.9	.8
Hardware, plumbing and heating equipment	507	10.1	.5	(⁵)	.3	.1	(⁵)	5.8	3.3
Machinery, equipment, and supplies	508	7.6	.6	.5	.8	.1	.3	3.4	1.9
Miscellaneous durable goods	509	15.2	2.1	(⁵)	.4	1.5	.8	8.1	2.3
Wholesale trade—nondurable goods	51	22.9	2.1	.1	.6	.1	1.4	16.1	2.5
Paper and paper products	511	10.0	.4	.2	.4	(⁵)	(⁵)	7.1	1.9
Drugs, proprietaries, and sundries	512	47.6	(⁵)	(⁵)	.4	(⁵)	(⁵)	44.6	2.5
Apparel, piece goods, and notions	513	15.5	4.9	(⁵)	.2	(⁵)	1.0	7.9	1.5
Groceries and related products	514	24.8	1.6	.1	.8	.2	.7	18.0	3.5
Farm-product raw materials	515	18.1	5.8	.9	.6	(⁵)	2.2	8.5	(⁵)
Chemicals and allied products	516	12.9	4.9	(⁵)	1.2	(⁵)	.5	2.0	4.3
Petroleum and petroleum products	517	11.1	(⁵)	(⁵)	.7	(⁵)	(⁵)	8.5	1.9
Beer, wine, and distilled beverages	518	7.0	.1	(⁵)	1.1	.3	.7	3.5	1.4
Miscellaneous nondurable goods	519	30.2	3.3	(⁵)	.4	(⁵)	4.7	19.9	2.0
Retail trade		16.2	2.0	(⁵)	1.3	.1	1.0	7.9	3.8
Building materials and garden supplies	52	9.0	1.3	.1	3.3	.4	.3	2.4	1.2
Lumber and other building materials	521	7.4	.5	.1	1.9	.4	.2	3.3	1.1
Paint, glass, and wallpaper stores	523	3.9	2.0	(⁵)	1.5	(⁵)	(⁵)	.7	(⁵)
Hardware stores	525	5.6	.3	(⁵)	1.8	(⁵)	(⁵)	.5	3.1
Retail nurseries and garden stores	526	12.3	9.1	(⁵)	(⁵)	(⁵)	.8	2.2	.3
Mobile home dealers	527	39.4	(⁵)	(⁵)	33.9	3.7	2.1	(⁵)	(⁵)
General merchandise stores	53	21.8	2.0	.1	2.9	.4	2.1	9.0	5.4
Department stores	531	23.8	2.2	.1	3.2	.4	2.4	9.6	6.1

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Variety stores	533	5.1	—	(⁵)	0.7	(⁵)	0.1	4.1	(⁵)
Miscellaneous general merchandise stores	539	7.8	1.3	(⁵)	.9	(⁵)	(⁵)	4.8	.8
Food stores	54	28.4	1.9	—	1.0	—	.7	18.1	6.7
Grocery stores	541	30.7	2.1	—	1.1	—	.7	20.0	6.7
Meat and fish markets	542	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	.5	(⁵)
Candy, nut, and confectionery stores	544	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Dairy products stores	545	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Retail bakeries	546	17.9	1.4	(⁵)	(⁵)	(⁵)	(⁵)	3.7	12.8
Miscellaneous food stores	549	12.5	1.2	(⁵)	1.3	(⁵)	.2	8.2	1.6
Automotive dealers and service stations	55	9.8	1.7	(⁵)	1.0	.3	.3	3.8	2.6
New and used car dealers	551	9.5	2.6	(⁵)	1.4	.2	.1	3.3	2.1
Used car dealers	552	19.9	(⁵)	(⁵)	(⁵)	(⁵)	4.4	—	14.1
Auto and home supply stores	553	6.8	.7	(⁵)	.1	.1	(⁵)	2.0	3.9
Gasoline service stations	554	10.0	.7	(⁵)	1.3	.7	.5	6.1	.7
Boat dealers	555	6.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	6.5	(⁵)
Recreational vehicle dealers	556	16.0	.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	15.3
Motorcycle dealers	557	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Automotive dealers, n.e.c.	559	81.4	42.3	(⁵)	(⁵)	(⁵)	(⁵)	39.1	(⁵)
Apparel and accessory stores	56	9.6	1.1	(⁵)	.6	.1	.3	5.1	2.3
Men's and boys' clothing stores	561	11.4	.5	(⁵)	(⁵)	(⁵)	(⁵)	10.8	(⁵)
Women's clothing stores	562	4.0	1.4	(⁵)	(⁵)	(⁵)	(⁵)	2.6	(⁵)
Women's accessory and speciality stores ..	563	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Children's and infants' wear stores	564	2.3	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	2.3	(⁵)
Family clothing stores	565	14.6	2.2	.1	1.6	.4	.1	5.6	4.7
Shoe stores	566	12.9	(⁵)	(⁵)	(⁵)	(⁵)	1.5	7.7	3.6
Miscellaneous apparel and accessory stores	569	3.9	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	3.8	.1
Furniture and homefurnishings stores	57	6.5	.8	(⁵)	.5	(⁵)	.4	2.4	2.4
Furniture and homefurnishings stores	571	7.5	.8	(⁵)	.4	(⁵)	.6	3.0	2.8
Household appliance stores	572	6.2	2.1	(⁵)	.7	(⁵)	(⁵)	—	1.3
Radio, television, and computer stores	573	5.3	.5	(⁵)	.7	(⁵)	.3	1.8	2.0
Eating and drinking places	58	11.6	2.8	.1	1.0	—	1.3	2.9	3.5
Miscellaneous retail	59	23.4	1.8	(⁵)	1.0	.1	.8	16.7	2.9
Drug stores and proprietary stores	591	18.7	.9	(⁵)	1.3	.1	.7	12.8	3.0
Liquor stores	592	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Used merchandise stores	593	8.2	1.0	(⁵)	2.6	(⁵)	(⁵)	2.1	2.6
Miscellaneous shopping goods stores	594	12.1	1.7	(⁵)	1.1	.3	1.2	5.6	2.3
Nonstore retailers	596	97.5	4.8	.1	.7	.2	.9	84.4	6.4
Fuel dealers	598	4.3	3.1	(⁵)	(⁵)	(⁵)	(⁵)	1.2	(⁵)
Retail stores, n.e.c.	599	10.3	1.2	(⁵)	.7	(⁵)	.9	4.6	2.9
Finance, insurance, and real estate		23.1	1.1	.1	1.0	.1	.2	18.3	2.4
Depository institutions	60	18.3	.1	.1	1.2	(⁵)	.1	13.9	2.8
Central reserve depositories	601	40.2	.4	(⁵)	5.2	(⁵)	(⁵)	32.8	1.7
Commercial banks	602	13.9	.1	.1	.4	(⁵)	.2	11.4	1.7
Savings institutions	603	27.3	(⁵)	(⁵)	6.5	(⁵)	(⁵)	11.3	9.5
Credit unions	606	43.1	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	38.9	4.1
Foreign bank and branches and agencies ..	608	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Functions closely related to banking	609	15.1	(⁵)	(⁵)	1.9	(⁵)	(⁵)	13.0	—
Nondepository institutions	61	18.0	—	(⁵)	.6	(⁵)	(⁵)	14.6	2.8
Federal and federal-sponsored credit agencies	611	33.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	33.7	(⁵)
Personal credit institutions	614	11.1	—	(⁵)	.1	(⁵)	(⁵)	7.1	3.6
Business credit institutions	615	30.6	(⁵)	(⁵)	.4	(⁵)	(⁵)	20.9	9.2
Mortgage bankers and brokers	616	16.3	(⁵)	(⁵)	.9	(⁵)	(⁵)	15.3	.2
Security and commodity brokers	62	6.8	—	(⁵)	.4	.4	(⁵)	5.7	.2
Security brokers and dealers	621	7.5	.2	(⁵)	.6	.5	—	6.1	—
Commodity contracts brokers and dealers	622	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Security and commodity exchanges	623	11.7	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	11.7	(⁵)
Insurance carriers	63	46.1	.2	.2	1.0	(⁵)	.2	42.2	2.3
Life insurance	631	51.4	.1	(⁵)	.1	(⁵)	.5	47.8	2.8
Medical service and health insurance	632	39.1	.3	(⁵)	2.2	(⁵)	.3	34.2	2.0
Fire, marine, and casualty insurance	633	49.3	.4	.4	.9	.1	(⁵)	44.8	2.7
Surety insurance	635	35.2	(⁵)	(⁵)	.5	(⁵)	(⁵)	34.7	(⁵)
Title insurance	636	4.3	(⁵)	(⁵)	.5	(⁵)	(⁵)	3.7	(⁵)
Pension, health, and welfare funds	637	103.5	.2	(⁵)	(⁵)	(⁵)	.2	102.8	.2
Insurance agents, brokers, and service	64	23.7	—	(⁵)	(⁵)	(⁵)	—	20.5	3.1
Real estate	65	12.8	5.2	(⁵)	1.7	.1	.6	3.4	1.7
Real estate operators and lessors	651	14.3	7.2	(⁵)	3.0	.1	.1	1.7	2.1
Real estate agents and managers	653	10.8	3.3	(⁵)	1.0	(⁵)	.5	4.5	1.4
Title abstract offices	654	6.1	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4.0	2.0
Subdividers and developers	655	20.3	9.3	(⁵)	.8	.4	3.5	4.7	1.6
Holding and other investment offices	67	37.1	2.2	(⁵)	.1	.1	(⁵)	28.4	6.2
Holding offices	671	55.5	—	(⁵)	(⁵)	.1	(⁵)	53.9	1.2
Investment offices	672	12.3	—	(⁵)	(⁵)	.4	(⁵)	11.6	—
Trusts	673	33.3	11.2	(⁵)	.8	(⁵)	(⁵)	(⁵)	21.3
Miscellaneous investing	679	15.3	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	8.5	6.7
Services		27.2	6.7	.2	1.9	.3	1.0	10.2	6.8
Hotels and other lodging places	70	17.9	5.5	.1	1.1	.3	1.3	3.6	5.9
Hotels and motels	701	18.0	5.3	.1	1.1	.4	1.3	3.6	6.1
Personal services	72	19.7	5.5	.1	.5	—	.5	11.2	2.0
Laundry, cleaning, and garment services ...	721	16.8	5.1	(⁵)	1.2	—	1.2	8.6	.7
Photographic studios, portrait	722	29.9	1.7	(⁵)	(⁵)	(⁵)	(⁵)	27.8	.4
Beauty shops	723	28.4	6.8	.4	(⁵)	(⁵)	(⁵)	16.7	4.5
Barber shops	724	3.3	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	3.3	(⁵)
Funeral service and crematories	726	2.6	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1.1	1.5
Miscellaneous personal services	729	14.6	9.0	(⁵)	(⁵)	(⁵)	(⁵)	5.5	.2
Business services	73	16.3	1.5	(⁵)	1.1	.4	.3	10.8	2.1
Mailing, reproduction, stenographic	733	34.9	—	(⁵)	—	(⁵)	(⁵)	34.3	—
Services to buildings	734	13.5	2.1	(⁵)	1.2	2.4	1.0	4.3	2.4
Miscellaneous equipment rental and leasing	735	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)
Personnel supply services	736	15.2	2.4	(⁵)	2.0	.6	.2	8.5	1.7
Computer and data processing services	737	14.7	.3	(⁵)	.9	(⁵)	(⁵)	11.1	2.5
Miscellaneous business services	738	14.7	2.8	.2	1.4	.1	.4	7.0	2.9
Auto repair, services, and parking	75	6.5	.8	(⁵)	1.2	(⁵)	.3	2.7	1.5
Automotive rentals, no drivers	751	9.1	.3	(⁵)	—	(⁵)	.2	4.1	4.3
Automobile parking	752	3.3	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1.7	1.6
Automotive repair shops	753	5.8	.6	(⁵)	1.8	(⁵)	.2	2.0	1.2
Automotive services, except repair	754	7.3	2.2	(⁵)	.8	(⁵)	.8	3.4	(⁵)
Miscellaneous repair services	76	12.8	2.7	(⁵)	.4	.1	.9	6.2	2.4
Electrical repair shops	762	8.8	.8	(⁵)	(⁵)	(⁵)	(⁵)	3.6	4.4
Reupholstery and furniture repair	764	7.1	(⁵)	(⁵)	1.0	(⁵)	(⁵)	3.0	3.0
Miscellaneous repair shops	769	15.3	3.9	(⁵)	.6	.2	1.5	7.7	1.5
Motion pictures	78	14.2	5.4	.1	.8	.5	1.6	4.8	1.0
Motion picture production and services	781	25.1	10.6	.2	1.6	.9	3.2	6.9	1.8
Motion picture distribution and services	782	22.9	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	22.9	(⁵)
Amusement and recreation services	79	39.4	12.0	(⁵)	3.9	.3	5.7	—	4.2
Dance studios, schools, and halls	791	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Producers, orchestras, entertainers	792	25.4	9.3	(⁵)	1.1	(⁵)	.4	11.7	2.9
Bowling centers	793	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Commercial sports	794	20.0	2.5	(⁵)	.3	.3	2.0	13.3	1.6
Miscellaneous amusement, recreation services	799	46.3	14.3	(⁵)	4.9	.3	7.2	—	5.0
Health services	80	51.3	14.5	.3	3.6	.4	1.3	15.2	15.9
Offices and clinics of medical doctors	801	37.5	1.6	.3	4.4	.5	.5	19.9	10.3

See footnotes at end of table.

Nonfatal occupational illness incidence rates by industry and category of illness, 1998 — Continued

Industry ¹	SIC code ²	Incidence rates per 10,000 full-time workers ³							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Offices and clinics of dentists	802	12.4	5.6	(⁵)	(⁵)	(⁵)	0.1	6.7	(⁵)
Offices of osteopathic physicians	803	59.0	55.8	(⁵)	(⁵)	(⁵)	1.6	1.6	(⁵)
Offices of other health practitioners	804	7.7	.6	.3	.2	(⁵)	(⁵)	6.3	.3
Nursing and personal care facilities	805	38.2	14.8	(⁵)	1.7	.2	.9	6.5	14.1
Hospitals	806	79.0	24.7	.6	5.5	.5	2.3	20.6	24.9
Medical and dental laboratories	807	48.6	4.4	.4	2.0	(⁵)	4.3	33.0	4.4
Home health care services	808	42.6	12.5	.3	3.5	.8	.7	5.6	19.2
Health and allied services, n.e.c.	809	25.8	9.0	(⁵)	.9	1.5	.1	6.2	8.1
Legal services	81	16.0	—	(⁵)	—	(⁵)	.3	12.8	2.6
Educational services	82	15.2	1.9	.2	1.9	.1	.8	6.6	3.7
Elementary and secondary schools	821	4.7	1.6	(⁵)	.1	.2	.4	1.1	1.3
Colleges and universities	822	21.6	2.6	.2	2.5	.1	1.3	10.3	4.5
Libraries	823	9.8	(⁵)	(⁵)	1.8	(⁵)	(⁵)	(⁵)	8.0
Vocational schools	824	4.2	(⁵)	—	.5	(⁵)	(⁵)	.9	—
Schools and educational services, n.e.c.	829	16.3	(⁵)	(⁵)	3.8	(⁵)	(⁵)	6.1	6.5
Social services	83	15.1	5.2	(⁵)	1.4	.4	.5	3.4	4.2
Individual and family services	832	17.5	4.2	(⁵)	.9	.3	.3	7.5	4.2
Job training and related services	833	27.3	11.9	(⁵)	2.1	(⁵)	.9	5.4	6.9
Child day care services	835	7.6	4.1	(⁵)	.1	(⁵)	.3	.9	2.3
Residential care	836	17.5	5.8	.1	2.8	1.0	.9	1.5	5.5
Social services, n.e.c.	839	2.8	.3	.2	.2	(⁵)	(⁵)	1.1	.9
Museums, botanical, zoological gardens	84	26.3	3.4	4.7	2.3	.6	4.4	7.0	4.1
Museums and art galleries	841	17.9	2.0	.6	2.6	.4	3.5	4.9	3.9
Botanical and zoological gardens	842	47.5	6.7	15.0	—	1.0	6.7	—	4.6
Membership organizations	86	14.9	1.9	.1	1.2	.1	2.1	6.3	3.3
Professional organizations	862	4.1	1.1	(⁵)	.4	(⁵)	1.1	.9	—
Labor organizations	863	19.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	18.5	.5
Civic and social associations	864	20.7	3.6	(⁵)	1.5	.2	4.5	6.1	4.8
Religious organizations	866	4.6	1.2	(⁵)	(⁵)	(⁵)	(⁵)	2.9	.5
Membership organizations, n.e.c.	869	14.9	(⁵)	.2	(⁵)	(⁵)	(⁵)	8.3	6.4
Engineering and management services	87	15.9	3.4	.1	1.0	.2	.4	8.3	2.7
Engineering and architectural services	871	12.4	4.1	(⁵)	.9	.1	.3	3.9	3.0
Accounting, auditing, and bookkeeping	872	3.7	(⁵)	(⁵)	.5	(⁵)	.3	2.3	.6
Research and testing services	873	30.2	2.2	.3	1.4	.8	.2	22.8	2.5
Management and public relations	874	18.2	5.4	(⁵)	1.0	(⁵)	.6	7.4	3.7

¹ Totals include data for industries not shown separately.

² *Standard Industrial Classification Manual*, 1987 Edition.

³ The incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000, where

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

⁴ Excludes farms with fewer than 11 employees.

⁵ Incidence rate less than 0.05.

⁶ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

NOTE: Because of rounding, components may not add to the totals.
 n.e.c. = not elsewhere classified.
 — Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor
 January 2000