

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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 industry		2	5	8	4	9	4	2	4
Agriculture, forestry, and fishing		11	15	36	36	33	28	12	31
Agricultural production	01-02	13	24	38	31	42	22	13	23
Agricultural production—crops	01	16	26	37	32	42	27	19	26
Field crops, except cash grains	013	46	66	15	(³)	92	78	85	87
Vegetables and melons	016	26	23	45	87	69	14	35	14
Fruits and tree nuts	017	33	42	62	42	68	50	59	36
Horticultural specialties	018	19	30	74	33	(³)	43	25	37
General farms, primarily crop	019	70	(³)	66	92	(³)	(³)	(³)	(³)
Agricultural production—livestock	02	18	25	67	46	(³)	39	16	46
Livestock, except dairy and poultry	021	27	51	(³)	51	(³)	(³)	22	94
Dairy farms	024	40	88	(³)	60	(³)	89	(³)	95
Poultry and eggs	025	29	34	67	89	(³)	41	20	39
Animal specialties	027	51	38	72	67	(³)	(³)	84	79
Agricultural services	07	17	20	10	62	78	39	24	57
Crop services	072	51	21	13	95	(³)	44	47	52
Veterinary services	074	43	57	(³)	100	(³)	(³)	84	72
Animal services, except veterinary	075	55	93	(³)	97	(³)	77	40	98
Farm labor and management services	076	40	43	(³)	(³)	(³)	(³)	56	40
Landscape and horticultural services	078	22	26	(³)	98	78	55	41	38
Forestry	08	71	72	(³)	(³)	(³)	(³)	97	(³)
Forestry services	085	—	75	(³)	(³)	(³)	(³)	(³)	(³)
Fishing, hunting, and trapping	09	51	74	(³)	53	52	(³)	(³)	(³)
Mining⁴		8	49	5	62	13	27	10	27
Oil and gas extraction	13	25	85	(³)	94	70	51	32	59
Crude petroleum and natural gas	131	29	—	(³)	(³)	(³)	(³)	30	46
Oil and gas field services	138	39	84	(³)	94	38	51	74	89
Construction		9	16	44	28	38	34	11	23
General building contractors	15	14	25	74	38	55	33	21	40
Residential building construction	152	24	50	(³)	65	97	41	39	62
Nonresidential building construction	154	17	29	75	42	62	37	25	48
Heavy construction, except building	16	19	33	53	69	24	28	26	21
Highway and street construction	161	43	71	39	54	25	36	47	39
Heavy construction, except highway	162	17	18	77	72	50	44	31	24
Special trade contractors	17	14	24	63	37	57	49	14	32
Plumbing, heating, air-conditioning	171	40	38	82	43	90	61	35	74
Painting and paper hanging	172	46	78	10	85	55	49	40	53
Electrical work	173	22	65	94	38	86	51	21	46
Masonry, stonework, and plastering	174	39	58	48	62	(³)	68	25	73
Carpentry and floor work	175	33	99	(³)	—	90	75	41	81
Roofing, siding, and sheet metal work	176	23	40	64	62	(³)	56	37	76
Concrete work	177	36	56	(³)	69	(³)	45	55	48
Water well drilling	178	93	97	(³)	35	(³)	(³)	97	(³)
Miscellaneous special trade contractors	179	24	43	55	73	82	50	46	47
Manufacturing		1	3	7	4	13	4	1	4
Durable goods		1	3	8	4	15	4	1	4
Lumber and wood products	24	6	18	39	51	72	32	7	20
Logging	241	43	69	(³)	(³)	(³)	(³)	47	90
Sawmills and planing mills	242	15	35	39	53	(³)	70	17	33

See footnotes at end of table.

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Sawmills and planing mills, general	2421	15	34	43	52	(³)	83	16	33
Hardwood dimension and flooring mills ..	2426	32	72	74	(³)	(³)	45	36	—
Millwork, plywood and structural members	243	9	29	77	67	65	23	10	25
Millwork	2431	11	36	25	75	(³)	31	9	27
Wood kitchen cabinets	2434	18	62	97	60	(³)	46	23	37
Hardwood veneer and plywood	2435	20	38	(³)	(³)	(³)	93	26	67
Softwood veneer and plywood	2436	39	—	(³)	96	68	51	37	74
Structural wood members, n.e.c.	2439	55	44	(³)	(³)	(³)	25	56	(³)
Wood containers	244	31	90	(³)	(³)	91	(³)	38	(³)
Wood pallets and skids	2448	41	88	(³)	(³)	91	(³)	56	(³)
Wood buildings and mobile homes	245	21	41	(³)	38	20	58	24	27
Mobile homes	2451	21	41	(³)	38	20	58	25	26
Prefabricated wood buildings	2452	65	(³)	(³)	(³)	(³)	30	66	(³)
Miscellaneous wood products	249	15	34	64	(³)	(³)	70	12	56
Wood preserving	2491	39	61	(³)	(³)	(³)	73	58	57
Wood products, n.e.c.	2499	12	42	78	(³)	(³)	98	10	72
Furniture and fixtures	25	6	12	26	42	48	39	5	43
Household furniture	251	10	20	(³)	82	66	61	9	62
Wood household furniture	2511	22	27	(³)	—	58	69	21	68
Upholstered household furniture	2512	(³)	34	(³)	—	(³)	—	(³)	94
Metal household furniture	2514	26	70	(³)	(³)	(³)	22	25	(³)
Mattresses and bedsprings	2515	25	37	(³)	(³)	(³)	63	27	89
Household furniture, n.e.c.	2519	54	(³)	(³)	64	(³)	(³)	54	(³)
Office furniture	252	9	25	(³)	48	(³)	17	9	50
Wood office furniture	2521	15	48	(³)	93	(³)	(³)	15	81
Office furniture, except wood	2522	10	29	(³)	52	(³)	19	12	52
Public building and related furniture	253	12	23	11	38	(³)	14	12	39
Partitions and fixtures	254	21	34	(³)	66	61	47	16	35
Wood partitions and fixtures	2541	26	47	(³)	65	60	51	19	66
Partitions and fixtures, except wood	2542	22	40	(³)	71	(³)	26	28	38
Miscellaneous furniture and fixtures	259	20	24	(³)	61	(³)	53	21	91
Drapery hardware and blinds and shades	2591	28	47	(³)	(³)	(³)	71	30	44
Furniture and fixtures, n.e.c.	2599	27	23	(³)	58	(³)	26	28	(³)
Stone, clay, and glass products	32	13	33	24	20	18	29	15	23
Flat glass	321	11	14	13	17	13	13	11	13
Glass and glassware, pressed or blown ...	322	4	11	11	24	29	30	(³)	32
Glass containers	3221	14	47	(³)	35	(³)	31	15	39
Pressed and blown glass, n.e.c.	3229	(³)	11	12	31	31	77	(³)	46
Products of purchased glass	323	15	40	77	34	(³)	34	16	82
Cement, hydraulic	324	57	72	(³)	86	(³)	68	59	92
Structural clay products	325	33	76	90	(³)	(³)	71	37	64
Brick and structural clay tile	3251	70	(³)	(³)	(³)	(³)	85	68	68
Ceramic wall and floor tile	3253	40	47	(³)	(³)	(³)	26	42	(³)
Pottery and related products	326	42	17	35	92	14	50	47	44
Vitreous plumbing fixtures	3261	27	28	29	(³)	(³)	57	33	50
Vitreous china table and kitchenware	3262	18	(³)	(³)	(³)	(³)	(³)	18	(³)
Pottery products, n.e.c.	3269	78	(³)	(³)	(³)	(³)	(³)	78	(³)
Concrete, gypsum, and plaster products ..	327	40	56	55	81	78	53	34	38
Concrete block and brick	3271	51	(³)	(³)	(³)	(³)	(³)	78	60
Concrete products, n.e.c.	3272	46	60	65	68	(³)	75	38	52
Ready-mixed concrete	3273	45	49	97	91	(³)	64	—	(³)
Gypsum products	3275	39	(³)	(³)	(³)	74	(³)	65	78
Cut stone and stone products	328	82	(³)	(³)	(³)	(³)	(³)	(³)	82

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Miscellaneous nonmetallic mineral products	329	22	29	(³)	38	(³)	76	30	41
Abrasive products	3291	25	48	(³)	22	(³)	59	26	36
Minerals, ground or treated	3295	57	(³)	(³)	(³)	(³)	70	64	(³)
Mineral wool	3296	51	65	(³)	(³)	(³)	84	63	80
Nonmetallic mineral products, n.e.c.	3299	16	47	(³)	(³)	(³)	(³)	(³)	(³)
Primary metal industries	33	4	10	24	16	5	8	5	11
Blast furnace and basic steel products	331	7	25	24	18	15	15	9	27
Blast furnaces and steel mills	3312	7	18	24	19	15	16	10	18
Steel wire and related products	3315	15	45	(³)	62	(³)	63	20	85
Cold finishing of steel shapes	3316	53	83	(³)	(³)	(³)	77	52	(³)
Steel pipe and tubes	3317	31	78	(³)	82	80	81	35	91
Iron and steel foundries	332	9	25	43	30	9	21	10	30
Gray and ductile iron foundries	3321	11	18	68	38	9	26	12	33
Steel investment foundries	3324	29	53	(³)	62	(³)	57	29	—
Steel foundries, n.e.c.	3325	22	24	28	56	(³)	36	23	81
Primary nonferrous metals	333	11	11	10	31	11	13	19	11
Primary copper	3331	50	(³)	(³)	(³)	(³)	(³)	58	39
Primary aluminum	3334	14	13	14	34	14	15	23	16
Primary nonferrous metals, n.e.c.	3339	17	69	(³)	57	18	(³)	20	19
Secondary nonferrous metals	334	21	67	78	66	23	45	41	(³)
Nonferrous rolling and drawing	335	7	15	6	7	42	21	8	22
Copper rolling and drawing	3351	20	44	(³)	26	(³)	53	26	60
Aluminum sheet, plate, and foil	3353	25	35	(³)	35	(³)	18	32	—
Aluminum extruded products	3354	31	35	(³)	79	(³)	54	38	37
Aluminum rolling and drawing, n.e.c.	3355	50	58	(³)	(³)	(³)	26	66	(³)
Nonferrous rolling and drawing, n.e.c.	3356	10	48	19	20	(³)	56	14	46
Nonferrous wiredrawing and insulating ...	3357	7	21	8	7	9	12	7	8
Nonferrous foundries (castings)	336	17	30	87	38	69	30	15	28
Aluminum die-castings	3363	25	32	(³)	64	69	30	19	35
Nonferrous die-casting except aluminum	3364	35	40	71	51	(³)	(³)	39	56
Aluminum foundries	3365	37	67	97	77	(³)	(³)	32	23
Miscellaneous primary metal products	339	26	44	(³)	87	(³)	62	42	42
Metal heat treating	3398	49	52	(³)	96	(³)	(³)	54	80
Primary metal products, n.e.c.	3399	30	49	(³)	84	(³)	63	55	49
Fabricated metal products	34	5	11	61	15	67	12	5	16
Metal cans and shipping containers	341	36	52	(³)	60	(³)	(³)	36	79
Metal cans	3411	28	51	(³)	59	(³)	(³)	36	82
Cutlery, handtools, and hardware	342	13	17	(³)	37	27	35	13	27
Cutlery	3421	11	32	(³)	(³)	(³)	(³)	8	(³)
Hand and edge tools, n.e.c.	3423	28	35	(³)	55	65	87	27	34
Hardware, n.e.c.	3429	17	25	(³)	27	10	38	18	27
Plumbing and heating, except electric	343	12	18	(³)	50	(³)	13	16	35
Metal sanitary ware	3431	16	16	(³)	16	(³)	16	15	25
Plumbing fixture fittings and trim	3432	28	33	(³)	22	(³)	(³)	30	22
Heating equipment, except electric	3433	39	75	(³)	76	(³)	(³)	45	62
Fabricated structural metal products	344	13	53	87	32	62	30	13	33
Fabricated structural metal	3441	24	53	(³)	89	(³)	58	26	37
Metal doors, sash, and trim	3442	28	39	(³)	90	(³)	78	25	62
Fabricated plate work (boiler shops)	3443	27	77	(³)	54	68	55	28	87
Sheet metalwork	3444	23	60	(³)	16	(³)	57	25	69
Architectural metal work	3446	31	61	87	66	(³)	76	45	(³)
Prefabricated metal buildings	3448	45	(³)	(³)	(³)	21	72	34	93
Miscellaneous metal work	3449	63	65	(³)	60	(³)	60	71	76
Screw machine products, bolts, etc.	345	18	21	(³)	76	91	76	31	56

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Screw machine products	3451	22	26	(³)	80	(³)	86	43	55
Bolts, nuts, rivets, and washers	3452	33	30	(³)	23	92	100	33	81
Metal forgings and stampings	346	8	21	51	18	22	26	8	16
Iron and steel forgings	3462	25	49	(³)	58	(³)	(³)	25	43
Nonferrous forgings	3463	27	26	(³)	(³)	(³)	81	27	(³)
Automotive stampings	3465	11	29	52	22	25	17	11	16
Metal stampings, n.e.c.	3469	26	28	(³)	42	(³)	46	23	34
Metal services, n.e.c.	347	28	22	95	45	91	50	48	57
Plating and polishing	3471	35	24	95	45	48	57	58	57
Metal coating and allied services	3479	47	42	(³)	37	90	94	36	(³)
Ordnance and accessories, n.e.c.	348	9	17	9	12	28	10	10	11
Ammunition, except for small arms, n.e.c.	3483	16	41	15	17	44	16	17	21
Small arms	3484	21	19	(³)	(³)	(³)	(³)	24	30
Ordnance and accessories, n.e.c.	3489	(³)	17	(³)	(³)	(³)	27	(³)	26
Miscellaneous fabricated metal products ..	349	10	16	(³)	32	81	70	11	37
Industrial valves	3491	22	31	(³)	77	77	83	28	69
Fluid power valves and hose fittings	3492	41	32	(³)	59	(³)	89	28	18
Valves and pipe fittings, n.e.c.	3494	23	41	(³)	35	(³)	(³)	31	56
Wire springs	3495	42	94	(³)	(³)	(³)	(³)	46	(³)
Miscellaneous fabricated wire products ..	3496	20	40	(³)	71	(³)	61	29	70
Metal foil and leaf	3497	44	(³)	(³)	(³)	(³)	(³)	(³)	44
Fabricated pipe and fittings	3498	22	38	(³)	62	(³)	70	23	74
Fabricated metal products, n.e.c.	3499	17	37	(³)	43	(³)	68	20	63
Industrial machinery and equipment	35	3	6	30	11	17	13	4	17
Engines and turbines	351	9	15	34	26	24	37	9	31
Turbines and turbine generator sets	3511	22	28	56	(³)	(³)	56	23	48
Internal combustion engines, n.e.c.	3519	10	16	42	26	25	41	11	43
Farm and garden machinery	352	9	25	(³)	14	18	36	8	34
Farm machinery and equipment	3523	17	35	(³)	62	20	50	15	64
Lawn and garden equipment	3524	9	12	(³)	9	(³)	50	9	16
Construction and related machinery	353	8	14	(³)	22	58	26	8	23
Construction machinery	3531	12	16	(³)	35	(³)	42	13	21
Mining machinery	3532	24	58	(³)	39	(³)	48	27	40
Elevators and moving stairways	3534	—	76	(³)	60	(³)	56	—	—
Conveyors and conveying equipment	3535	40	69	(³)	69	58	75	46	70
Hoists, cranes, and monorails	3536	32	61	(³)	88	(³)	91	36	(³)
Industrial trucks and tractors	3537	18	24	(³)	44	(³)	44	14	57
Metalworking machinery	354	12	15	70	28	40	48	16	20
Machine tools, metal cutting types	3541	29	29	(³)	20	(³)	(³)	38	—
Machine tools, metal forming types	3542	57	(³)	(³)	74	(³)	61	85	(³)
Special dies, tools, jigs and fixtures	3544	20	31	(³)	45	95	(³)	27	43
Machine tool accessories	3545	23	26	69	56	(³)	81	35	65
Power-driven handtools	3546	18	22	(³)	46	(³)	65	21	52
Welding apparatus	3548	35	52	(³)	57	(³)	(³)	53	18
Metalworking machinery, n.e.c.	3549	32	43	(³)	(³)	41	82	57	(³)
Special industry machinery	355	23	30	59	43	73	41	32	34
Textile machinery	3552	63	57	(³)	(³)	(³)	98	(³)	77
Woodworking machinery	3553	50	98	(³)	32	(³)	(³)	55	(³)
Paper industries machinery	3554	22	28	19	(³)	72	30	28	71
Printing trades machinery	3555	34	92	(³)	(³)	(³)	24	35	(³)
Food products machinery	3556	22	46	(³)	64	(³)	57	39	63
Special industry machinery, n.e.c.	3559	36	49	89	68	(³)	63	44	29
General industrial machinery	356	12	17	10	50	86	36	16	27
Pumps and pumping equipment	3561	29	46	(³)	50	(³)	76	31	66

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Ball and roller bearings	3562	23	29	(³)	56	(³)	79	25	58
Air and gas compressors	3563	46	22	(³)	19	(³)	20	53	50
Blowers and fans	3564	32	58	(³)	87	90	88	30	81
Packaging machinery	3565	52	(³)	(³)	35	(³)	(³)	50	(³)
Speed changers, drives, and gears	3566	21	21	19	47	(³)	74	40	28
Industrial furnaces and ovens	3567	52	77	(³)	(³)	(³)	(³)	58	(³)
Power transmission equipment, n.e.c.	3568	41	49	(³)	83	30	(³)	35	97
General industrial machinery, n.e.c.	3569	24	33	(³)	34	(³)	61	29	53
Computer and office equipment	357	11	30	90	15	28	22	10	14
Electronic computers	3571	6	10	24	14	15	33	7	13
Computer storage devices	3572	21	27	(³)	34	(³)	80	20	64
Computer peripheral equipment, n.e.c.	3577	41	79	92	30	(³)	(³)	38	(³)
Office machines, n.e.c.	3579	14	34	(³)	(³)	23	(³)	13	50
Refrigeration and service machinery	358	6	9	36	16	12	36	6	38
Automatic vending machines	3581	12	19	(³)	18	(³)	18	14	41
Commercial laundry equipment	3582	43	57	(³)	56	(³)	(³)	41	(³)
Refrigeration and heating equipment	3585	7	8	44	10	9	23	6	44
Service industry machinery, n.e.c.	3589	19	41	60	77	72	58	25	50
Industrial machinery, n.e.c.	359	10	16	31	31	49	24	13	51
Carburetors, pistons, rings, valves	3592	16	31	26	16	26	33	12	12
Fluid power cylinders and actuators	3593	48	42	(³)	(³)	(³)	26	52	(³)
Scales and balances, except laboratory	3596	70	43	43	43	(³)	(³)	76	(³)
Industrial machinery, n.e.c.	3599	16	21	83	48	76	30	23	64
Electronic and other electric equipment	36	4	15	45	11	32	17	4	13
Electric distribution equipment	361	22	31	(³)	43	89	49	23	34
Transformers, except electronic	3612	27	35	(³)	76	59	59	26	54
Switchgear and switchboard apparatus ..	3613	40	34	(³)	38	93	68	45	39
Electrical industrial apparatus	362	15	53	(³)	42	73	22	13	44
Motors and generators	3621	11	23	(³)	65	72	58	11	48
Relays and industrial controls	3625	36	80	(³)	56	(³)	77	39	85
Electrical industrial apparatus, n.e.c.	3629	41	72	(³)	31	(³)	(³)	46	79
Household appliances	363	4	11	10	12	54	9	4	27
Household cooking equipment	3631	11	14	(³)	19	(³)	9	12	30
Household refrigerators and freezers	3632	4	10	5	18	(³)	7	4	12
Household laundry equipment	3633	4	7	(³)	7	(³)	15	4	15
Electric housewares and fans	3634	18	28	(³)	55	(³)	47	18	98
Household appliances, n.e.c.	3639	8	9	(³)	8	9	(³)	8	(³)
Electric lighting and wiring equipment	364	8	20	56	30	10	40	8	29
Electric lamps	3641	37	63	(³)	(³)	(³)	(³)	37	(³)
Current-carrying wiring devices	3643	18	28	57	(³)	(³)	—	20	59
Noncurrent-carrying wiring devices	3644	20	37	(³)	60	(³)	(³)	21	89
Residential lighting fixtures	3645	37	54	(³)	28	(³)	(³)	42	75
Commercial lighting fixtures	3646	18	—	(³)	(³)	(³)	(³)	17	66
Vehicular lighting equipment	3647	12	30	(³)	24	17	49	13	19
Lighting equipment, n.e.c.	3648	47	41	(³)	—	(³)	46	57	—
Household audio and video equipment	365	11	27	(³)	40	(³)	(³)	12	45
Household audio and video equipment ...	3651	21	28	(³)	49	(³)	(³)	20	72
Prerecorded records and tapes	3652	(³)	37	(³)	67	(³)	(³)	(³)	47
Communications equipment	366	14	28	(³)	48	47	60	15	35
Telephone and telegraph apparatus	3661	15	47	(³)	68	(³)	(³)	14	37
Radio and TV communications equipment	3663	22	46	(³)	55	34	57	24	68
Electronic components and accessories ..	367	6	17	64	17	32	35	7	21
Electron tubes	3671	20	22	21	34	21	21	20	21
Printed circuit boards	3672	13	23	87	35	45	57	17	40

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Semiconductors and related devices	3674	10	31	(³)	27	48	40	10	8
Electronic capacitors	3675	34	42	(³)	30	(³)	82	40	80
Electronic resistors	3676	24	62	(³)	58	(³)	(³)	45	53
Electronic coils and transformers	3677	23	37	(³)	51	(³)	(³)	25	60
Electronic connectors	3678	22	46	83	80	(³)	(³)	19	81
Electronic components, n.e.c.	3679	16	32	(³)	37	(³)	59	19	65
Miscellaneous electrical equipment and supplies	369	8	13	(³)	18	41	27	7	29
Storage batteries	3691	17	40	(³)	(³)	50	71	12	44
Primary batteries, dry and wet	3692	42	38	(³)	30	(³)	(³)	44	67
Engine electrical equipment	3694	9	15	(³)	19	19	21	10	12
Magnetic and optical recording media	3695	19	22	(³)	83	(³)	(³)	18	—
Electrical equipment and supplies, n.e.c.	3699	44	63	(³)	61	(³)	(³)	49	43
Transportation equipment	37	2	4	2	3	2	3	2	4
Motor vehicles and equipment	371	2	5	8	5	3	5	2	6
Motor vehicles and car bodies	3711	2	3	7	2	2	2	2	3
Truck and bus bodies	3713	9	43	76	48	(³)	40	28	34
Motor vehicle parts and accessories	3714	5	9	10	10	4	9	5	6
Truck trailers	3715	15	14	12	27	(³)	13	26	82
Aircraft and parts	372	2	4	7	4	4	16	2	4
Aircraft	3721	1	2	2	2	2	3	1	2
Aircraft engines and engine parts	3724	7	17	84	14	28	30	9	34
Aircraft parts and equipment, n.e.c.	3728	5	12	17	14	30	35	6	6
Ship and boat building and repairing	373	5	8	4	6	6	5	8	29
Ship building and repairing	3731	4	6	4	5	6	5	6	27
Boat building and repairing	3732	20	17	58	37	(³)	43	24	—
Railroad equipment	374	14	25	22	34	(³)	8	34	39
Motorcycles, bicycles, and parts	375	8	30	(³)	11	(³)	12	9	33
Guided missiles, space vehicles, parts	376	7	9	10	9	13	18	8	24
Guided missiles and space vehicles	3761	10	10	10	9	12	17	10	12
Space propulsion units and parts	3764	11	8	(³)	13	(³)	(³)	15	52
Space vehicle equipment, n.e.c.	3769	15	27	(³)	71	(³)	(³)	18	73
Miscellaneous transportation equipment ..	379	13	22	(³)	37	21	34	15	30
Travel trailers and campers	3792	23	32	(³)	(³)	(³)	33	38	34
Tanks and tank components	3795	12	36	(³)	(³)	15	14	9	(³)
Transportation equipment, n.e.c.	3799	16	20	(³)	26	19	43	15	44
Instruments and related products	38	6	11	36	17	72	15	5	20
Search and navigation equipment	381	11	31	(³)	19	33	53	12	21
Measuring and controlling devices	382	10	16	18	26	55	31	10	56
Environmental controls	3822	10	14	(³)	20	(³)	49	11	13
Process control instruments	3823	31	46	27	54	(³)	68	32	81
Fluid meters and counting devices	3824	24	34	(³)	53	(³)	(³)	28	(³)
Instruments to measure electricity	3825	14	47	(³)	42	73	22	13	33
Analytical instruments	3826	16	29	(³)	56	64	66	15	59
Optical instruments and lenses	3827	69	—	(³)	(³)	98	(³)	65	(³)
Measuring and controlling devices, n.e.c.	3829	45	49	21	61	52	85	49	40
Medical instruments and supplies	384	9	18	30	36	77	19	7	24
Surgical and medical instruments	3841	11	21	(³)	31	64	94	12	38
Surgical appliances and supplies	3842	11	28	43	59	(³)	16	12	36
Dental equipment and supplies	3843	36	51	(³)	60	72	(³)	(³)	(³)
X-ray apparatus and tubes	3844	37	37	(³)	(³)	(³)	(³)	37	(³)
Electromedical equipment	3845	14	32	14	21	11	28	13	19
Ophthalmic goods	385	20	35	(³)	33	(³)	98	20	52
Photographic equipment and supplies	386	10	22	90	11	(³)	30	11	10

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Miscellaneous manufacturing industries	39	7	18	28	31	47	19	8	19
Jewelry, silverware, and plated ware	391	23	44	(³)	83	(³)	(³)	26	35
Jewelry, precious metal	3911	27	46	(³)	84	(³)	(³)	32	46
Musical instruments	393	21	27	(³)	28	(³)	(³)	26	90
Toys and sporting goods	394	12	24	29	25	43	15	14	25
Dolls and stuffed toys	3942	73	(³)	(³)	(³)	(³)	(³)	(³)	31
Games, toys, and children's vehicles	3944	22	53	(³)	61	(³)	24	26	21
Sporting and athletic goods, n.e.c.	3949	13	27	30	19	42	18	15	32
Pens, pencils, office, and art supplies	395	13	69	(³)	(³)	(³)	48	18	97
Pens and mechanical pencils	3951	29	29	(³)	(³)	(³)	58	29	86
Costume jewelry and notions	396	20	32	(³)	32	(³)	19	24	53
Costume jewelry	3961	24	39	(³)	32	(³)	19	29	(³)
Fasteners, buttons, needles, and pins	3965	30	52	(³)	53	(³)	(³)	34	53
Miscellaneous manufactures	399	11	32	49	57	(³)	29	11	56
Brooms and brushes	3991	8	58	(³)	75	(³)	44	15	—
Signs and advertising specialties	3993	23	52	49	65	(³)	47	24	(³)
Burial caskets	3995	19	23	(³)	(³)	(³)	35	20	41
Hard surface floor coverings, n.e.c.	3996	10	10	(³)	(³)	(³)	(³)	10	10
Manufacturing industries, n.e.c.	3999	18	40	(³)	82	(³)	49	16	89
Nondurable goods		3	6	17	7	23	9	3	6
Food and kindred products	20	4	8	27	10	36	13	4	11
Meat products	201	1	7	23	9	26	7	2	11
Meat packing plants	2011	(³)	4	8	4	31	5	(³)	11
Sausages and other prepared meats	2013	(³)	24	65	46	57	53	(³)	18
Poultry slaughtering and processing	2015	5	16	66	12	33	14	6	21
Dairy products	202	16	28	82	32	53	49	18	28
Cheese, natural and processed	2022	38	46	(³)	73	(³)	90	41	53
Dry, condensed, evaporated products	2023	31	57	81	83	(³)	(³)	27	44
Ice cream and frozen desserts	2024	24	54	(³)	42	(³)	89	28	32
Fluid milk	2026	25	60	(³)	54	45	(³)	32	63
Preserved fruits and vegetables	203	9	21	87	25	46	27	10	28
Canned specialties	2032	48	49	26	80	39	53	49	54
Canned fruits and vegetables	2033	18	27	(³)	47	89	37	21	49
Dehydrated fruits, vegetables, soups	2034	4	29	(³)	(³)	(³)	(³)	50	88
Pickles, sauces, and salad dressings	2035	33	89	(³)	81	(³)	69	43	56
Frozen fruits and vegetables	2037	21	52	96	38	54	48	21	42
Frozen specialties, n.e.c.	2038	13	42	(³)	24	(³)	68	13	48
Grain mill products	204	16	34	(³)	37	(³)	23	16	46
Cereal breakfast foods	2043	21	31	(³)	41	(³)	49	21	26
Rice milling	2044	43	79	(³)	77	(³)	34	50	64
Prepared flour mixes and doughs	2045	40	80	(³)	27	(³)	24	36	60
Wet corn milling	2046	61	58	(³)	65	(³)	(³)	—	47
Dog and cat food	2047	33	73	(³)	(³)	(³)	(³)	37	73
Prepared feeds, n.e.c.	2048	39	66	(³)	24	(³)	73	48	(³)
Bakery products	205	10	31	23	42	60	31	10	55
Bread, cake, and related products	2051	16	51	10	52	49	37	17	36
Cookies and crackers	2052	14	29	(³)	—	63	54	12	64
Sugar and confectionery products	206	17	43	66	57	88	60	16	39
Raw cane sugar	2061	18	18	(³)	(³)	(³)	(³)	(³)	(³)
Beet sugar	2063	—	83	62	58	70	(³)	—	(³)
Candy and other confectionery products	2064	25	65	(³)	(³)	92	57	22	48
Chocolate and cocoa products	2066	14	39	(³)	(³)	(³)	(³)	19	87
Fats and oils	207	39	(³)	(³)	(³)	(³)	(³)	—	52
Beverages	208	12	28	13	29	77	29	14	45

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Malt beverages	2082	16	38	16	56	(³)	50	19	76
Wines, brandy, and brandy spirits	2084	30	31	(³)	76	(³)	34	31	41
Distilled and blended liquors	2085	50	47	(³)	88	(³)	(³)	64	67
Bottled and canned soft drinks	2086	19	50	(³)	49	77	44	24	38
Flavoring extracts and syrups, n.e.c.	2087	20	80	(³)	26	(³)	59	18	46
Miscellaneous food and kindred products	209	25	15	33	44	44	69	26	22
Canned and cured fish and seafoods	2091	32	55	(³)	43	(³)	(³)	36	71
Fresh or frozen prepared fish	2092	42	19	(³)	56	43	83	44	19
Roasted coffee	2095	29	27	41	(³)	(³)	(³)	38	27
Potato chips and similar snacks	2096	21	34	(³)	64	(³)	88	22	44
Food preparations, n.e.c.	2099	23	36	(³)	79	(³)	40	24	60
Tobacco products	21	23	58	(³)	(³)	(³)	81	23	25
Cigarettes	211	18	33	(³)	(³)	(³)	45	17	17
Textile mill products	22	7	21	52	28	23	26	9	26
Broadwoven fabric mills, cotton	221	23	96	13	(³)	(³)	(³)	36	60
Broadwoven fabric mills, manmade	222	19	17	98	59	20	26	24	45
Broadwoven fabric mills, wool	223	49	51	(³)	68	(³)	80	48	(³)
Narrow fabric mills	224	(³)	(³)	(³)	83	(³)	70	42	(³)
Knitting mills	225	12	16	(³)	44	(³)	50	13	40
Women's hosiery, except socks	2251	24	49	(³)	(³)	(³)	(³)	27	83
Hosiery, n.e.c.	2252	18	44	(³)	99	(³)	86	19	80
Knit outerwear mills	2253	19	21	(³)	(³)	(³)	65	22	39
Knit underwear mills	2254	28	49	(³)	(³)	(³)	60	27	72
Weft knit fabric mills	2257	42	34	(³)	30	(³)	(³)	46	24
Lace and warp knit fabric mills	2258	23	66	(³)	79	(³)	(³)	25	54
Textile finishing, except wool	226	17	48	92	59	(³)	28	21	50
Finishing plants, cotton	2261	19	32	(³)	91	(³)	22	26	48
Finishing plants, manmade	2262	26	20	91	48	(³)	41	39	(³)
Finishing plants, n.e.c.	2269	33	76	(³)	(³)	(³)	(³)	37	87
Carpets and rugs	227	29	45	(³)	69	(³)	95	35	—
Yarn and thread mills	228	21	51	(³)	(³)	(³)	59	27	44
Yarn spinning mills	2281	18	43	(³)	(³)	(³)	56	26	44
Throwing and winding mills	2282	57	(³)	(³)	(³)	(³)	(³)	59	37
Miscellaneous textile goods	229	17	64	89	47	26	50	19	71
Coated fabrics, not rubberized	2295	34	72	(³)	66	(³)	(³)	70	83
Tire cord and fabrics	2296	19	30	(³)	(³)	(³)	(³)	46	(³)
Nonwoven fabrics	2297	29	(³)	(³)	(³)	33	58	37	(³)
Cordage and twine	2298	36	76	88	(³)	(³)	(³)	41	76
Textile goods, n.e.c.	2299	24	85	(³)	61	56	67	27	(³)
Apparel and other textile products	23	8	13	54	16	66	24	8	22
Men's and boys' suits and coats	231	22	45	(³)	60	(³)	93	23	69
Men's and boys' furnishings	232	11	17	59	47	85	32	12	34
Men's and boys' shirts	2321	21	63	(³)	(³)	(³)	(³)	21	61
Men's and boys' underwear and nightwear	2322	20	19	(³)	(³)	(³)	19	21	33
Men's and boys' trousers and slacks	2325	15	24	59	45	(³)	38	16	48
Men's and boys' work clothing	2326	25	37	(³)	(³)	(³)	60	24	68
Men's and boys' clothing, n.e.c.	2329	36	76	(³)	(³)	85	(³)	37	(³)
Women's and misses' outerwear	233	37	35	(³)	97	(³)	—	40	86
Women's, junior's, and misses' dresses	2335	—	—	(³)	(³)	(³)	(³)	—	(³)
Women's and misses' suits and coats	2337	46	—	(³)	(³)	(³)	(³)	42	(³)
Women's and misses' outerwear, n.e.c.	2339	39	35	(³)	91	(³)	41	43	62
Women's and children's undergarments ..	234	22	—	(³)	56	(³)	(³)	21	(³)
Women's and children's underwear	2341	27	(³)	(³)	66	(³)	(³)	25	(³)

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Hats, caps, and millinery	235	22	63	(³)	(³)	(³)	66	20	—
Girls' and children's outerwear	236	29	41	(³)	(³)	(³)	48	29	84
Girls' and children's outerwear, n.e.c.	2369	32	37	(³)	(³)	(³)	44	32	48
Miscellaneous apparel and accessories ...	238	38	42	(³)	(³)	(³)	(³)	45	(³)
Apparel belts	2387	—	(³)	(³)	(³)	(³)	(³)	—	(³)
Apparel and accessories, n.e.c.	2389	36	49	(³)	(³)	(³)	(³)	43	(³)
Miscellaneous fabricated textile products	239	6	17	82	17	76	31	6	19
Curtains and draperies	2391	17	49	(³)	13	(³)	13	19	46
Housefurnishings, n.e.c.	2392	16	43	(³)	14	(³)	61	17	53
Textile bags	2393	23	(³)	74	22	(³)	74	24	93
Canvas and related products	2394	36	(³)	(³)	(³)	(³)	(³)	38	99
Pleating and stitching	2395	40	38	(³)	55	(³)	(³)	50	(³)
Automotive and apparel trimmings	2396	11	22	(³)	29	10	11	11	33
Fabricated textile products, n.e.c.	2399	15	26	(³)	54	86	52	16	32
Paper and allied products	26	7	14	88	16	31	22	8	14
Pulp mills	261	38	(³)	82	63	(³)	(³)	48	37
Paper mills	262	13	19	(³)	24	38	23	17	13
Paperboard mills	263	44	—	(³)	25	47	49	53	—
Paperboard containers and boxes	265	13	37	(³)	74	62	57	14	41
Corrugated and solid fiber boxes	2653	17	45	(³)	99	76	56	19	42
Fiber cans, drums and similar products ..	2655	32	(³)	(³)	(³)	(³)	(³)	31	93
Sanitary food containers	2656	40	(³)	(³)	(³)	36	(³)	36	(³)
Folding paperboard boxes	2657	29	63	(³)	90	(³)	89	30	—
Miscellaneous converted paper products	267	9	21	(³)	31	(³)	40	11	27
Paper coated and laminated, packaging	2671	36	56	(³)	(³)	(³)	(³)	48	(³)
Paper coated and laminated, n.e.c.	2672	15	19	(³)	45	(³)	(³)	18	—
Bags: plastics, laminated, and coated	2673	24	88	(³)	(³)	(³)	(³)	23	65
Bags: uncoated paper and multiwall	2674	27	52	(³)	(³)	(³)	66	31	54
Die-cut paper and board	2675	31	37	(³)	(³)	(³)	(³)	31	68
Sanitary paper products	2676	14	23	(³)	37	(³)	32	16	14
Envelopes	2677	18	(³)	(³)	(³)	(³)	(³)	19	60
Stationery products	2678	25	71	(³)	(³)	(³)	(³)	25	(³)
Converted paper products, n.e.c.	2679	33	46	(³)	68	(³)	(³)	36	98
Printing and publishing	27	5	19	56	15	31	21	6	19
Newspapers	271	6	41	16	15	54	10	7	15
Periodicals	272	27	—	(³)	(³)	(³)	71	34	46
Books	273	9	53	(³)	65	(³)	44	14	66
Book publishing	2731	13	73	(³)	(³)	(³)	36	21	59
Book printing	2732	15	34	(³)	61	(³)	(³)	14	54
Miscellaneous publishing	274	24	(³)	(³)	(³)	(³)	79	26	63
Commercial printing	275	9	24	59	31	(³)	29	10	41
Commercial printing, lithographic	2752	13	24	74	27	(³)	36	14	26
Commercial printing, gravure	2754	14	75	18	(³)	(³)	18	18	48
Commercial printing, n.e.c.	2759	16	34	41	71	(³)	70	14	78
Manifold business forms	276	62	57	(³)	(³)	(³)	(³)	67	78
Greeting cards	277	6	9	(³)	9	9	(³)	6	(³)
Blankbooks and bookbinding	278	19	(³)	(³)	64	(³)	(³)	19	69
Blankbooks and looseleaf binders	2782	20	(³)	(³)	65	(³)	(³)	20	(³)
Bookbinding and related work	2789	38	(³)	(³)	(³)	(³)	(³)	41	68
Printing trade services	279	74	62	(³)	69	(³)	(³)	87	(³)
Typesetting	2791	82	(³)	(³)	(³)	(³)	(³)	82	(³)
Platemaking services	2796	—	63	(³)	71	(³)	(³)	—	(³)
Chemicals and allied products	28	6	19	34	20	46	17	5	11

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Industrial inorganic chemicals	281	21	22	19	32	66	25	30	28
Alkalies and chlorine	2812	—	75	(³)	(³)	(³)	(³)	—	66
Industrial gases	2813	—	(³)	(³)	(³)	(³)	(³)	—	(³)
Inorganic pigments	2816	—	(³)	(³)	(³)	(³)	(³)	—	(³)
Industrial inorganic chemicals, n.e.c.	2819	19	22	17	30	65	25	30	29
Plastics materials and synthetics	282	11	18	43	43	60	43	10	25
Plastics materials and resins	2821	21	23	(³)	60	61	50	22	46
Organic fibers, noncellulosic	2824	11	45	54	46	(³)	94	6	39
Drugs	283	10	40	34	30	8	23	8	24
Medicinals and botanicals	2833	20	22	18	58	18	18	22	19
Pharmaceutical preparations	2834	7	26	49	34	8	26	8	28
Diagnostic substances	2835	(³)	—	(³)	95	(³)	30	(³)	(³)
Biological products except diagnostic	2836	83	93	(³)	(³)	(³)	72	57	(³)
Soap, cleaners, and toilet goods	284	11	18	61	28	(³)	29	13	27
Soap and other detergents	2841	12	14	(³)	12	(³)	54	13	37
Polishes and sanitation goods	2842	30	35	(³)	49	(³)	58	33	52
Toilet preparations	2844	15	24	61	33	(³)	19	19	40
Paints and allied products	285	36	63	(³)	75	(³)	90	48	(³)
Industrial organic chemicals	286	10	25	10	33	79	38	16	6
Cyclic crudes and intermediates	2865	33	41	(³)	91	(³)	67	49	44
Industrial organic chemicals, n.e.c.	2869	10	28	10	26	79	5	16	5
Agricultural chemicals	287	28	28	96	56	(³)	36	51	17
Phosphatic fertilizers	2874	49	56	(³)	75	(³)	72	—	21
Agricultural chemicals, n.e.c.	2879	30	28	(³)	40	(³)	40	43	44
Miscellaneous chemical products	289	24	36	(³)	81	86	80	21	44
Adhesives and sealants	2891	41	51	(³)	(³)	(³)	(³)	42	85
Explosives	2892	28	62	(³)	63	(³)	28	49	63
Printing ink	2893	36	51	(³)	(³)	(³)	(³)	42	(³)
Chemical preparations, n.e.c.	2899	39	63	(³)	88	87	81	34	83
Petroleum and coal products	29	23	39	20	63	(³)	34	32	31
Petroleum refining	291	29	46	19	38	(³)	36	33	40
Asphalt paving and roofing materials	295	46	61	(³)	78	(³)	67	—	84
Asphalt paving mixtures and blocks	2951	—	88	(³)	(³)	(³)	(³)	(³)	(³)
Asphalt felts and coatings	2952	45	76	(³)	74	(³)	67	—	81
Miscellaneous petroleum and coal products	299	81	(³)	(³)	(³)	(³)	92	(³)	36
Lubricating oils and greases	2992	83	(³)	(³)	(³)	(³)	91	(³)	38
Rubber and miscellaneous plastics products	30	8	13	52	20	55	38	10	19
Tires and inner tubes	301	4	19	(³)	10	(³)	30	6	17
Rubber and plastics footwear	302	18	28	(³)	(³)	24	24	19	(³)
Hose and belting and gaskets and packing	305	14	32	(³)	36	(³)	40	14	45
Rubber and plastics hose and belting	3052	24	27	(³)	75	(³)	51	25	68
Gaskets, packing and sealing devices	3053	15	43	(³)	38	(³)	85	15	57
Fabricated rubber products, n.e.c.	306	11	17	(³)	45	(³)	43	14	29
Mechanical rubber goods	3061	18	24	(³)	55	(³)	65	21	19
Fabricated rubber products, n.e.c.	3069	13	24	(³)	49	(³)	60	17	56
Miscellaneous plastics products, n.e.c.	308	12	19	52	24	59	48	15	23
Unsupported plastics film and sheet	3081	32	54	(³)	61	(³)	72	39	55
Unsupported plastics profile shapes	3082	47	53	(³)	(³)	(³)	(³)	59	—
Laminated plastics plate and sheet	3083	37	72	91	62	(³)	(³)	55	76
Plastics pipe	3084	49	70	(³)	79	(³)	85	60	(³)
Plastics bottles	3085	49	(³)	(³)	(³)	(³)	63	51	65
Plastics foam products	3086	24	38	18	65	31	67	29	39
Custom compound purchased resins	3087	51	36	(³)	38	86	88	64	50

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Plastics plumbing fixtures	3088	36	43	(³)	26	(³)	(³)	35	(³)
Plastics products, n.e.c.	3089	16	15	87	39	79	61	20	30
Leather and leather products	31	18	22	46	49	62	85	19	50
Leather tanning and finishing	311	37	26	(³)	72	(³)	(³)	41	—
Footwear, except rubber	314	22	24	47	52	60	83	23	61
Men's footwear, except athletic	3143	11	29	(³)	—	59	81	11	65
Women's footwear, except athletic	3144	27	40	53	69	(³)	(³)	28	42
Luggage	316	21	(³)	(³)	(³)	(³)	(³)	21	79
Handbags and personal leather goods	317	47	—	(³)	(³)	(³)	(³)	48	(³)
Women's handbags and purses	3171	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Leather goods, n.e.c.	319	68	—	(³)	(³)	(³)	(³)	54	(³)
Transportation and public utilities⁴		6	11	31	10	19	8	7	12
Local and interurban passenger transit	41	25	53	87	28	54	27	26	41
Local and suburban transportation	411	31	52	87	33	78	28	33	46
Taxicabs	412	—	(³)	(³)	30	(³)	83	—	(³)
Bus charter service	414	54	(³)	(³)	(³)	74	74	(³)	57
School buses	415	35	(³)	(³)	59	9	56	43	62
Trucking and warehousing	42	25	86	96	33	55	39	39	38
Trucking and courier services, except air	421	24	—	43	35	55	38	40	44
Public warehousing and storage	422	—	—	(³)	94	(³)	(³)	—	66
Water transportation	44	20	65	(³)	25	(³)	9	31	18
Deep sea domestic transportation of freight	442	40	(³)	(³)	26	(³)	23	58	50
Water transportation of freight, n.e.c.	444	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Water transportation of passengers	448	38	55	(³)	(³)	(³)	(³)	52	41
Water transportation services	449	19	25	(³)	69	(³)	50	29	17
Transportation by air	45	9	25	13	9	15	10	13	8
Air transportation, scheduled	451	6	23	10	7	14	9	10	6
Air transportation, nonscheduled	452	—	(³)	(³)	(³)	(³)	(³)	(³)	—
Pipelines, except natural gas	46	97	(³)	(³)	(³)	(³)	(³)	58	(³)
Transportation services	47	19	57	(³)	39	69	47	25	23
Passenger transportation arrangement	472	52	(³)	(³)	65	(³)	—	57	76
Freight transportation arrangement	473	11	45	(³)	44	68	20	13	25
Miscellaneous transportation services	478	37	82	(³)	(³)	(³)	64	50	45
Communications	48	14	21	44	22	91	33	16	22
Telephone communications	481	18	26	63	27	(³)	39	19	25
Radio and television broadcasting	483	45	—	54	51	(³)	—	—	55
Cable and other pay television services	484	28	37	(³)	49	88	64	39	94
Electric, gas, and sanitary services	49	7	16	39	24	36	17	10	12
Electric services	491	12	26	49	51	28	25	15	28
Gas production and distribution	492	20	37	17	35	33	42	27	46
Combination utility services	493	14	22	6	22	80	49	18	12
Water supply	494	26	48	(³)	65	76	46	43	(³)
Sanitary services	495	15	25	(³)	40	48	27	27	21
Wholesale and retail trade		7	18	39	13	23	20	8	18
Wholesale trade		10	16	59	22	49	32	13	25
Wholesale trade—durable goods	50	13	20	81	26	59	29	17	34
Motor vehicles, parts, and supplies	501	19	34	(³)	48	66	53	20	62
Lumber and construction materials	503	36	60	84	70	(³)	90	48	82
Professional and commercial equipment	504	34	50	(³)	85	(³)	73	42	40
Metals and minerals, except petroleum	505	33	52	(³)	95	(³)	55	42	64
Electrical goods	506	24	—	(³)	87	(³)	(³)	28	33

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Hardware, plumbing and heating equipment	507	31	75	(³)	96	73	(³)	32	72
Machinery, equipment, and supplies	508	25	37	99	52	97	56	35	61
Miscellaneous durable goods	509	36	51	(³)	58	96	91	46	60
Wholesale trade—nondurable goods	51	14	22	50	40	18	47	18	29
Paper and paper products	511	26	82	91	46	(³)	(³)	33	46
Drugs, proprietaries, and sundries	512	31	(³)	(³)	61	(³)	(³)	32	49
Apparel, piece goods, and notions	513	33	65	(³)	9	(³)	82	48	27
Groceries and related products	514	18	40	59	81	8	63	20	57
Farm-product raw materials	515	40	78	98	85	(³)	91	57	(³)
Chemicals and allied products	516	36	58	(³)	97	(³)	85	54	77
Petroleum and petroleum products	517	35	(³)	(³)	91	(³)	(³)	41	58
Beer, wine, and distilled beverages	518	28	66	(³)	84	89	71	31	61
Miscellaneous nondurable goods	519	40	33	(³)	38	(³)	69	59	37
Retail trade		10	22	50	15	23	25	9	22
Building materials and garden supplies	52	23	39	86	54	57	48	26	49
Lumber and other building materials	521	21	49	86	38	67	72	29	65
Paint, glass, and wallpaper stores	523	61	94	(³)	91	(³)	(³)	87	(³)
Hardware stores	525	44	74	(³)	47	(³)	(³)	68	74
Retail nurseries and garden stores	526	44	56	(³)	(³)	(³)	71	62	61
Mobile home dealers	527	84	(³)	(³)	97	97	88	(³)	(³)
General merchandise stores	53	17	28	43	25	38	64	19	48
Department stores	531	18	30	43	25	38	64	20	48
Variety stores	533	47	—	(³)	85	(³)	77	41	(³)
Miscellaneous general merchandise stores	539	46	57	(³)	64	(³)	(³)	58	72
Food stores	54	23	36	—	45	—	50	25	40
Grocery stores	541	25	38	—	47	—	51	26	44
Meat and fish markets	542	—	(³)	(³)	(³)	(³)	(³)	85	(³)
Candy, nut, and confectionery stores	544	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Dairy products stores	545	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Retail bakeries	546	48	66	(³)	(³)	(³)	(³)	30	66
Miscellaneous food stores	549	37	62	(³)	22	(³)	71	39	78
Automotive dealers and service stations	55	15	32	(³)	35	41	61	24	30
New and used car dealers	551	21	43	(³)	43	96	86	32	34
Used car dealers	552	73	(³)	(³)	(³)	(³)	98	—	98
Auto and home supply stores	553	33	64	(³)	34	86	(³)	36	53
Gasoline service stations	554	31	44	(³)	64	48	78	47	46
Boat dealers	555	73	(³)	(³)	(³)	(³)	(³)	73	(³)
Recreational vehicle dealers	556	93	64	(³)	(³)	(³)	(³)	(³)	97
Motorcycle dealers	557	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Automotive dealers, n.e.c.	559	45	65	(³)	(³)	(³)	(³)	47	(³)
Apparel and accessory stores	56	12	34	30	46	93	77	15	21
Men's and boys' clothing stores	561	62	86	(³)	(³)	(³)	(³)	66	(³)
Women's clothing stores	562	15	35	(³)	(³)	(³)	(³)	7	(³)
Women's accessory and speciality stores	563	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Children's and infants' wear stores	564	65	(³)	(³)	(³)	(³)	(³)	65	(³)
Family clothing stores	565	20	48	30	46	93	32	27	30
Shoe stores	566	12	(³)	(³)	(³)	(³)	84	8	5
Miscellaneous apparel and accessory stores	569	17	(³)	(³)	(³)	(³)	(³)	17	8
Furniture and homefurnishings stores	57	16	33	44	24	(³)	72	24	31
Furniture and homefurnishings stores	571	23	42	44	55	(³)	92	34	43
Household appliance stores	572	54	94	(³)	87	(³)	(³)	—	85

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Radio, television, and computer stores	573	21	60	(³)	21	(³)	94	26	46
Eating and drinking places	58	30	46	98	38	—	39	28	58
Miscellaneous retail	59	8	23	3	28	46	36	9	23
Drug stores and proprietary stores	591	24	48	(³)	55	43	73	32	39
Liquor stores	592	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Used merchandise stores	593	42	83	(³)	82	(³)	(³)	46	96
Miscellaneous shopping goods stores	594	18	57	(³)	42	64	55	26	33
Nonstore retailers	596	11	26	8	29	39	35	11	30
Fuel dealers	598	66	80	(³)	(³)	(³)	(³)	86	(³)
Retail stores, n.e.c.	599	37	61	(³)	97	(³)	98	48	91
Finance, insurance, and real estate		6	21	55	26	44	19	7	16
Depository institutions	60	14	58	93	63	(³)	18	16	38
Central reserve depositories	601	17	21	(³)	74	(³)	(³)	20	39
Commercial banks	602	9	49	93	52	(³)	16	9	36
Savings institutions	603	40	(³)	(³)	96	(³)	(³)	43	78
Credit unions	606	54	(³)	(³)	(³)	(³)	(³)	59	67
Foreign bank and branches and agencies	608	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Functions closely related to banking	609	61	(³)	(³)	25	(³)	(³)	57	—
Nondepository institutions	61	21	—	(³)	69	(³)	(³)	23	52
Federal and federal-sponsored credit agencies	611	74	(³)	(³)	(³)	(³)	(³)	74	(³)
Personal credit institutions	614	37	—	(³)	95	(³)	(³)	28	83
Business credit institutions	615	23	(³)	(³)	96	(³)	(³)	11	71
Mortgage bankers and brokers	616	39	(³)	(³)	84	(³)	(³)	41	73
Security and commodity brokers	62	20	—	(³)	88	66	96	16	83
Security brokers and dealers	621	16	97	(³)	87	65	—	10	—
Commodity contracts brokers and dealers	622	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Security and commodity exchanges	623	16	(³)	(³)	(³)	(³)	(³)	16	(³)
Insurance carriers	63	9	43	67	21	39	20	9	18
Life insurance	631	14	6	6	39	(³)	30	14	22
Medical service and health insurance	632	24	35	24	28	(³)	25	25	44
Fire, marine, and casualty insurance	633	11	70	73	49	39	81	13	28
Surety insurance	635	56	(³)	(³)	34	(³)	(³)	56	(³)
Title insurance	636	56	(³)	(³)	89	(³)	(³)	65	(³)
Pension, health, and welfare funds	637	25	59	(³)	(³)	(³)	29	25	54
Insurance agents, brokers, and service	64	23	—	(³)	78	(³)	—	25	28
Real estate	65	14	23	(³)	30	61	32	32	24
Real estate operators and lessors	651	23	38	(³)	40	88	81	40	36
Real estate agents and managers	653	23	31	(³)	45	(³)	52	46	39
Title abstract offices	654	91	(³)	(³)	(³)	(³)	(³)	91	91
Subdividers and developers	655	24	37	(³)	90	75	45	65	48
Holding and other investment offices	67	52	90	(³)	60	24	(³)	63	67
Holding offices	671	68	—	(³)	(³)	41	(³)	69	70
Investment offices	672	58	—	(³)	(³)	30	(³)	44	—
Trusts	673	94	94	(³)	17	(³)	(³)	(³)	99
Miscellaneous investing	679	75	(³)	(³)	(³)	(³)	(³)	87	65
Services		5	12	20	7	19	8	8	6
Hotels and other lodging places	70	21	23	82	21	51	33	44	39
Hotels and motels	701	22	24	82	21	51	34	45	39
Personal services	72	20	42	94	33	—	46	23	39
Laundry, cleaning, and garment services	721	32	41	(³)	35	—	47	42	58
Photographic studios, portrait	722	73	26	(³)	(³)	(³)	(³)	79	35

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Beauty shops	723	28	80	93	(³)	(³)	(³)	30	49
Barber shops	724	46	(³)	(³)	(³)	(³)	(³)	46	(³)
Funeral service and crematories	726	49	(³)	(³)	(³)	(³)	(³)	44	80
Miscellaneous personal services	729	66	97	(³)	(³)	(³)	(³)	70	58
Business services	73	13	27	91	24	59	44	17	23
Mailing, reproduction, stenographic	733	41	—	(³)	—	(³)	(³)	38	—
Services to buildings	734	27	32	(³)	54	72	83	58	50
Miscellaneous equipment rental and leasing	735	—	(³)	(³)	(³)	(³)	(³)	—	(³)
Personnel supply services	736	28	36	(³)	46	74	45	42	54
Computer and data processing services ..	737	17	89	(³)	56	8	8	19	35
Miscellaneous business services	738	20	48	91	40	73	38	22	42
Auto repair, services, and parking	75	16	45	(³)	40	(³)	37	21	34
Automotive rentals, no drivers	751	29	46	(³)	—	(³)	54	35	48
Automobile parking	752	59	(³)	(³)	(³)	(³)	(³)	93	71
Automotive repair shops	753	24	71	(³)	46	(³)	65	36	53
Automotive services, except repair	754	31	67	(³)	62	(³)	55	39	(³)
Miscellaneous repair services	76	16	28	(³)	39	81	49	21	40
Electrical repair shops	762	34	50	(³)	(³)	(³)	(³)	30	63
Reupholstery and furniture repair	764	55	(³)	(³)	65	(³)	(³)	65	96
Miscellaneous repair shops	769	19	31	(³)	44	81	49	26	52
Motion pictures	78	27	57	22	19	14	25	28	35
Motion picture production and services	781	25	56	14	13	12	24	22	21
Motion picture distribution and services	782	54	(³)	(³)	(³)	(³)	(³)	54	(³)
Amusement and recreation services	79	57	32	(³)	34	82	25	—	53
Dance studios, schools, and halls	791	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Producers, orchestras, entertainers	792	42	90	(³)	83	(³)	41	58	87
Bowling centers	793	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Commercial sports	794	28	9	(³)	51	8	44	42	26
Miscellaneous amusement, recreation services	799	67	37	(³)	39	94	30	—	61
Health services	80	7	17	26	10	19	12	9	7
Offices and clinics of medical doctors	801	10	22	89	37	43	29	13	17
Offices and clinics of dentists	802	44	76	(³)	(³)	(³)	94	49	(³)
Offices of osteopathic physicians	803	91	97	(³)	(³)	(³)	91	91	(³)
Offices of other health practitioners	804	31	56	93	79	(³)	(³)	34	56
Nursing and personal care facilities	805	21	34	(³)	33	85	71	27	35
Hospitals	806	10	23	28	7	11	10	15	5
Medical and dental laboratories	807	21	26	78	33	(³)	59	28	33
Home health care services	808	20	31	82	32	94	50	29	40
Health and allied services, n.e.c.	809	29	57	(³)	39	56	53	31	36
Legal services	81	22	—	(³)	—	64	66	23	52
Educational services	82	9	18	37	24	39	13	10	17
Elementary and secondary schools	821	28	47	(³)	53	85	83	65	57
Colleges and universities	822	9	19	24	26	21	8	10	12
Libraries	823	46	(³)	(³)	41	(³)	(³)	(³)	63
Vocational schools	824	58	(³)	—	78	(³)	(³)	72	—
Schools and educational services, n.e.c. ...	829	44	(³)	(³)	70	(³)	(³)	47	75
Social services	83	14	23	56	30	54	35	31	21
Individual and family services	832	29	45	(³)	53	86	72	49	34
Job training and related services	833	22	34	12	32	(³)	56	30	53
Child day care services	835	43	72	(³)	70	(³)	84	48	58
Residential care	836	24	41	93	45	65	56	44	35
Social services, n.e.c.	839	60	93	84	85	(³)	(³)	63	56
Museums, botanical, zoological gardens ...	84	28	29	81	37	42	38	60	37
Museums and art galleries	841	38	37	34	39	52	52	51	44

See footnotes at end of table.

Relative standard errors for rates of new cases of nonfatal occupational illnesses by industry and category of illness, 1998 — Continued

Industry	SIC code ¹	Relative standard errors (percent) ²							
		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
Botanical and zoological gardens	842	40	49	68	—	67	57	—	69
Membership organizations	86	24	29	81	36	67	51	47	30
Professional organizations	862	50	79	(³)	36	(³)	98	77	—
Labor organizations	863	92	(³)	(³)	(³)	(³)	(³)	94	93
Civic and social associations	864	20	29	(³)	36	60	53	40	36
Religious organizations	866	28	60	(³)	(³)	(³)	(³)	35	57
Membership organizations, n.e.c.	869	38	(³)	17	(³)	(³)	(³)	36	73
Engineering and management services	87	12	33	58	17	18	32	12	46
Engineering and architectural services	871	25	36	73	39	99	66	31	79
Accounting, auditing, and bookkeeping	872	28	(³)	65	53	(³)	25	40	57
Research and testing services	873	16	26	73	28	12	50	18	26
Management and public relations	874	25	57	(³)	28	(³)	55	18	83

¹ Standard Industrial Classification Manual, 1987 Edition.

² See discussion on reliability of estimates.

³ Percent relative standard error less than 0.5.

⁴ Relative standard errors were not calculated for coal and lignite mining (SIC 12), metal and nonmetal mining (SIC 10 and SIC 14), and railroads (SIC 40).

NOTE: n.e.c. = not elsewhere classified.

— Indicates data not available.

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