

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
<b>Private industry</b> .....		1	1	1	1	1	1	1	1
<b>Agriculture, forestry, and fishing</b> .....		4	4	5	4	4	4	5	5
Agricultural production .....	01-02	6	6	7	6	6	6	7	6
Agricultural production—crops .....	01	7	7	8	7	7	7	8	7
Cash grains .....	011	25	30	33	30	26	31	36	31
Field crops, except cash grains .....	013	11	13	13	12	11	13	13	12
Vegetables and melons .....	016	16	18	17	19	16	18	17	20
Fruits and tree nuts .....	017	16	16	18	18	17	16	18	19
Horticultural specialties .....	018	9	12	14	10	9	12	14	10
General farms, primarily crop .....	019	24	29	27	32	24	29	27	32
Agricultural production—livestock .....	02	12	12	13	13	11	12	13	13
Livestock, except dairy and poultry .....	021	11	16	19	12	11	16	20	12
Dairy farms .....	024	11	14	13	14	10	14	13	14
Animal specialties .....	027	17	14	21	26	15	14	21	23
Agricultural services .....	07	5	6	6	6	5	6	6	6
Crop services .....	072	14	15	18	19	14	15	19	19
Veterinary services .....	074	9	12	14	11	9	12	14	11
Animal services, except veterinary .....	075	22	27	31	22	23	27	31	23
Farm labor and management services .....	076	17	19	22	21	16	19	22	20
Landscape and horticultural services .....	078	6	8	8	7	6	8	9	8
Forestry .....	08	25	24	26	28	25	25	28	28
Forestry services .....	085	36	36	37	40	36	35	37	42
Fishing, hunting, and trapping .....	09	27	33	44	30	29	36	46	30
<b>Mining<sup>5</sup></b> .....		5	6	6	7	5	6	6	7
Oil and gas extraction .....	13	11	16	19	13	10	15	18	13
Crude petroleum and natural gas .....	131	21	18	19	31	22	19	23	31
Oil and gas field services .....	138	12	20	25	14	12	19	23	14
<b>Construction</b> .....		2	2	2	2	2	2	2	2
General building contractors .....	15	4	4	4	5	4	4	4	5
Residential building construction .....	152	5	6	7	7	5	6	7	7
Operative builders .....	153	24	28	33	25	23	28	32	24
Nonresidential building construction .....	154	5	4	5	7	5	4	6	7
Heavy construction, except building .....	16	4	4	5	4	4	4	5	4
Highway and street construction .....	161	4	5	6	6	4	5	6	6
Heavy construction, except highway .....	162	5	6	6	6	5	6	6	6
Special trade contractors .....	17	2	3	3	3	2	3	3	3
Plumbing, heating, air-conditioning .....	171	4	6	6	5	4	6	6	5
Painting and paper hanging .....	172	10	9	10	14	9	9	10	13
Electrical work .....	173	5	7	7	5	5	7	7	5
Masonry, stonework, and plastering .....	174	5	6	6	7	5	6	7	7
Carpentry and floor work .....	175	9	9	10	12	9	9	10	12
Roofing, siding, and sheet metal work .....	176	8	12	10	8	9	12	10	8
Concrete work .....	177	7	7	11	12	7	7	11	12
Water well drilling .....	178	21	24	27	29	21	24	27	29
Miscellaneous special trade contractors .....	179	5	6	7	9	5	6	7	7
<b>Manufacturing</b> .....		1	1	1	1	1	1	1	1
Durable goods .....		1	1	1	1	1	1	2	1
Lumber and wood products .....	24	3	3	4	4	3	3	4	4

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Logging .....	241	20	20	20	24	20	21	21	24
Sawmills and planing mills .....	242	6	7	7	9	7	6	7	9
Sawmills and planing mills, general .....	2421	7	7	8	10	7	7	8	11
Hardwood dimension and flooring mills .....	2426	13	15	19	14	14	16	20	15
Millwork, plywood and structural members .....	243	4	4	5	6	4	4	5	7
Millwork .....	2431	6	6	8	11	7	6	8	12
Wood kitchen cabinets .....	2434	4	5	8	9	4	4	8	9
Hardwood veneer and plywood .....	2435	11	9	15	14	11	9	16	15
Softwood veneer and plywood .....	2436	25	22	31	30	24	21	31	31
Structural wood members, n.e.c. ....	2439	11	12	13	15	11	12	13	16
Wood containers .....	244	19	17	21	27	19	18	22	29
Wood pallets and skids .....	2448	22	21	25	32	23	21	25	34
Wood buildings and mobile homes .....	245	5	7	8	7	5	7	8	7
Mobile homes .....	2451	6	8	8	7	6	8	8	8
Prefabricated wood buildings .....	2452	12	11	15	19	12	11	15	20
Miscellaneous wood products .....	249	8	11	13	11	8	11	13	12
Wood preserving .....	2491	13	16	14	14	13	17	14	14
Reconstituted wood products .....	2493	20	21	24	22	19	20	23	22
Wood products, n.e.c. ....	2499	9	14	17	13	10	15	18	15
Furniture and fixtures .....	25	3	4	5	5	4	4	5	6
Household furniture .....	251	6	6	7	10	6	7	8	10
Wood household furniture .....	2511	9	8	12	15	10	9	12	16
Upholstered household furniture .....	2512	13	14	14	18	14	17	20	17
Metal household furniture .....	2514	9	9	19	11	10	10	19	12
Mattresses and bedsprings .....	2515	7	9	9	12	8	10	9	12
Office furniture .....	252	6	7	12	8	7	9	13	9
Wood office furniture .....	2521	15	15	21	19	17	17	24	20
Office furniture, except wood .....	2522	( <sup>6</sup> )	5	10	3	2	8	11	4
Public building and related furniture .....	253	11	12	13	11	10	12	13	8
Partitions and fixtures .....	254	6	8	11	9	6	8	11	9
Wood partitions and fixtures .....	2541	10	12	16	13	9	13	17	13
Partitions and fixtures, except wood .....	2542	7	10	14	11	7	10	14	12
Miscellaneous furniture and fixtures .....	259	7	9	19	11	8	12	22	11
Drapery hardware and blinds and shades .....	2591	10	16	34	12	12	19	38	12
Furniture and fixtures, n.e.c. ....	2599	10	8	17	18	13	11	21	18
Stone, clay, and glass products .....	32	3	4	5	4	3	4	5	4
Flat glass .....	321	14	30	29	15	15	30	20	16
Glass and glassware, pressed or blown .....	322	4	8	18	( <sup>6</sup> )	4	9	19	( <sup>6</sup> )
Glass containers .....	3221	( <sup>6</sup> )	8	26	5	( <sup>6</sup> )	9	27	6
Pressed and blown glass, n.e.c. ....	3229	6	11	13	( <sup>6</sup> )	5	11	13	( <sup>6</sup> )
Products of purchased glass .....	323	9	11	11	10	9	11	12	10
Cement, hydraulic .....	324	35	26	34	41	36	27	34	42
Structural clay products .....	325	12	14	16	17	12	14	17	17
Brick and structural clay tile .....	3251	14	16	23	23	14	16	23	23
Pottery and related products .....	326	12	15	18	12	12	16	18	12
Vitreous plumbing fixtures .....	3261	28	30	35	25	29	32	37	23
Vitreous china table and kitchenware .....	3262	18	29	21	10	23	34	19	15
Porcelain electrical supplies .....	3264	16	14	26	21	15	15	27	18
Concrete, gypsum, and plaster products .....	327	5	6	6	7	5	6	6	7
Concrete block and brick .....	3271	15	17	15	19	16	17	15	20
Concrete products, n.e.c. ....	3272	9	11	9	9	9	11	9	9
Ready-mixed concrete .....	3273	7	8	9	12	6	8	9	11
Gypsum products .....	3275	14	24	31	13	11	23	31	15

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		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Cut stone and stone products .....	328	22	26	29	26	22	26	29	26
Miscellaneous nonmetallic mineral products .....	329	11	13	20	16	12	14	21	17
Abrasive products .....	3291	12	22	39	22	14	26	43	23
Minerals, ground or treated .....	3295	( <sup>6</sup> )	8	15	31	( <sup>6</sup> )	8	15	32
Mineral wool .....	3296	24	26	24	24	25	27	22	26
Primary metal industries .....	33	2	3	3	3	2	3	4	4
Blast furnace and basic steel products .....	331	4	6	8	7	4	6	7	7
Blast furnaces and steel mills .....	3312	6	7	12	8	6	6	11	8
Steel wire and related products .....	3315	( <sup>6</sup> )	26	26	8	( <sup>6</sup> )	26	26	11
Cold finishing of steel shapes .....	3316	14	17	19	18	13	17	19	18
Steel pipe and tubes .....	3317	7	14	13	17	7	12	13	16
Iron and steel foundries .....	332	4	3	6	6	4	3	6	7
Gray and ductile iron foundries .....	3321	4	2	8	6	4	2	8	7
Steel investment foundries .....	3324	8	15	14	13	10	17	13	14
Steel foundries, n.e.c. ....	3325	10	11	11	19	11	10	11	20
Primary nonferrous metals .....	333	8	9	11	9	9	9	12	11
Primary copper .....	3331	17	31	29	9	17	32	31	4
Primary aluminum .....	3334	9	11	15	8	9	11	16	7
Primary nonferrous metals, n.e.c. ....	3339	13	17	14	15	15	17	14	19
Secondary nonferrous metals .....	334	11	9	15	23	9	10	15	21
Nonferrous rolling and drawing .....	335	4	5	6	5	4	5	7	5
Copper rolling and drawing .....	3351	9	10	10	12	8	10	10	11
Aluminum sheet, plate, and foil .....	3353	6	13	18	( <sup>6</sup> )	8	14	18	5
Aluminum extruded products .....	3354	9	11	15	12	9	11	15	12
Nonferrous wiredrawing and insulating .....	3357	6	7	9	6	7	8	10	8
Nonferrous foundries (castings) .....	336	7	7	10	9	7	7	10	10
Aluminum die-castings .....	3363	7	8	13	12	8	8	13	13
Nonferrous die-casting except aluminum .....	3364	16	16	26	31	16	15	27	36
Aluminum foundries .....	3365	18	17	19	21	18	16	20	22
Miscellaneous primary metal products .....	339	10	12	16	15	9	12	16	15
Metal heat treating .....	3398	11	13	17	16	9	13	17	17
Fabricated metal products .....	34	2	3	4	3	2	3	4	2
Metal cans and shipping containers .....	341	10	16	29	13	10	16	31	13
Metal cans .....	3411	13	15	28	14	12	16	31	15
Cutlery, handtools, and hardware .....	342	5	5	11	9	5	5	11	9
Cutlery .....	3421	12	7	15	25	13	8	14	28
Hand and edge tools, n.e.c. ....	3423	8	3	15	16	5	( <sup>6</sup> )	17	15
Hardware, n.e.c. ....	3429	8	9	18	13	9	9	18	15
Plumbing and heating, except electric .....	343	7	9	13	7	8	10	14	7
Metal sanitary ware .....	3431	7	6	21	10	7	6	22	10
Plumbing fixture fittings and trim .....	3432	12	9	25	19	14	10	29	21
Heating equipment, except electric .....	3433	18	21	22	18	19	21	23	18
Fabricated structural metal products .....	344	4	5	7	4	4	5	7	5
Fabricated structural metal .....	3441	7	9	9	9	7	8	9	9
Metal doors, sash, and trim .....	3442	10	10	13	15	10	10	13	15
Fabricated plate work (boiler shops) .....	3443	8	11	10	10	8	11	10	10
Sheet metal work .....	3444	7	12	19	8	7	13	19	9
Architectural metal work .....	3446	17	19	21	20	17	19	22	20
Prefabricated metal buildings .....	3448	( <sup>6</sup> )	( <sup>6</sup> )	15	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	14	( <sup>6</sup> )
Screw machine products, bolts, etc. ....	345	6	10	11	9	6	10	11	9
Screw machine products .....	3451	8	15	17	8	8	15	17	9
Bolts, nuts, rivets, and washers .....	3452	8	12	14	13	8	12	14	13
Metal forgings and stampings .....	346	5	9	14	5	4	9	14	4

See footnotes at end of table.

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		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Iron and steel forgings .....	3462	10	16	16	11	11	17	16	13
Nonferrous forgings .....	3463	14	15	25	17	15	16	27	18
Automotive stampings .....	3465	7	15	28	6	6	15	30	4
Metal stampings, n.e.c. ....	3469	8	9	11	10	7	9	11	9
Metal services, n.e.c. ....	347	6	9	12	9	6	9	13	10
Plating and polishing .....	3471	8	10	12	11	8	10	13	12
Metal coating and allied services .....	3479	10	15	21	15	10	16	22	16
Ordnance and accessories, n.e.c. ....	348	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Ammunition, except for small arms, n.e.c. ....	3483	19	19	20	21	21	21	22	24
Miscellaneous fabricated metal products .....	349	5	6	9	7	5	7	10	7
Industrial valves .....	3491	14	22	16	12	13	21	17	13
Fluid power valves and hose fittings .....	3492	9	11	15	12	9	11	15	13
Valves and pipe fittings, n.e.c. ....	3494	24	27	26	23	25	28	27	24
Wire springs .....	3495	20	20	22	33	20	20	22	34
Miscellaneous fabricated wire products .....	3496	11	12	11	13	11	12	11	13
Fabricated pipe and fittings .....	3498	15	21	27	20	15	22	28	20
Fabricated metal products, n.e.c. ....	3499	11	10	14	17	10	11	15	14
Industrial machinery and equipment .....	35	2	2	3	2	2	2	3	3
Engines and turbines .....	351	6	4	9	10	6	5	12	10
Turbines and turbine generator sets .....	3511	18	9	21	27	20	10	21	30
Internal combustion engines, n.e.c. ....	3519	8	4	8	12	6	4	11	11
Farm and garden machinery .....	352	9	14	22	8	9	15	23	8
Farm machinery and equipment .....	3523	11	16	14	10	11	16	15	11
Lawn and garden equipment .....	3524	11	23	44	10	14	27	46	11
Construction and related machinery .....	353	5	6	7	5	5	6	8	6
Construction machinery .....	3531	8	10	11	9	9	10	12	10
Mining machinery .....	3532	15	14	30	20	14	13	30	19
Oil and gas field machinery .....	3533	15	16	21	18	15	16	21	18
Elevators and moving stairways .....	3534	35	33	33	38	35	33	33	38
Conveyors and conveying equipment .....	3535	6	10	16	8	6	11	17	8
Industrial trucks and tractors .....	3537	12	12	14	13	12	13	14	14
Metalworking machinery .....	354	5	7	8	7	5	7	8	7
Machine tools, metal cutting types .....	3541	8	21	14	19	10	22	14	20
Machine tools, metal forming types .....	3542	11	14	13	17	11	14	12	17
Special dies, tools, jigs and fixtures .....	3544	7	12	14	9	7	12	14	9
Machine tool accessories .....	3545	13	14	18	14	13	14	18	15
Power-driven handtools .....	3546	29	20	25	41	33	22	25	46
Welding apparatus .....	3548	1	11	7	11	( <sup>6</sup> )	11	10	8
Metalworking machinery, n.e.c. ....	3549	15	20	18	24	15	19	18	24
Special industry machinery .....	355	8	10	13	8	8	10	14	8
Textile machinery .....	3552	18	22	12	25	18	22	12	26
Woodworking machinery .....	3553	12	19	28	16	12	17	28	17
Paper industries machinery .....	3554	8	13	15	10	8	14	16	10
Printing trades machinery .....	3555	26	31	34	26	27	32	36	28
Food products machinery .....	3556	23	28	35	22	24	29	36	23
Special industry machinery, n.e.c. ....	3559	11	14	15	12	12	15	17	12
General industrial machinery .....	356	5	5	7	7	5	5	7	8
Pumps and pumping equipment .....	3561	14	8	22	21	14	9	22	23
Ball and roller bearings .....	3562	12	( <sup>6</sup> )	14	25	17	( <sup>6</sup> )	19	31
Air and gas compressors .....	3563	17	19	17	25	17	18	16	27
Blowers and fans .....	3564	10	15	24	11	11	16	25	12
Packaging machinery .....	3565	16	22	26	16	16	23	26	16
Speed changers, drives, and gears .....	3566	16	12	9	23	16	11	10	23
Industrial furnaces and ovens .....	3567	14	23	12	16	13	23	10	16

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Power transmission equipment, n.e.c. ....	3568	11	11	15	21	11	13	12	23
General industrial machinery, n.e.c. ....	3569	13	13	15	16	13	13	15	16
Computer and office equipment .....	357	8	8	13	10	11	10	15	12
Electronic computers .....	3571	9	9	15	10	10	10	16	12
Computer storage devices .....	3572	16	19	27	15	24	25	34	24
Computer peripheral equipment, n.e.c. ....	3577	24	23	35	28	32	32	49	33
Office machines, n.e.c. ....	3579	27	19	16	42	29	20	15	45
Refrigeration and service machinery .....	358	3	3	7	5	3	3	8	5
Automatic vending machines .....	3581	8	9	9	9	8	8	11	10
Refrigeration and heating equipment .....	3585	1	3	9	4	2	4	11	5
Measuring and dispensing pumps .....	3586	26	28	36	31	27	26	37	31
Service industry machinery, n.e.c. ....	3589	11	10	16	16	11	11	16	16
Industrial machinery, n.e.c. ....	359	4	6	6	6	4	6	6	6
Carburetors, pistons, rings, valves .....	3592	15	16	20	15	15	16	20	16
Fluid power cylinders and actuators .....	3593	12	22	15	6	15	23	15	11
Fluid power pumps and motors .....	3594	16	14	14	21	17	14	14	24
Industrial machinery, n.e.c. ....	3599	5	7	6	7	5	6	7	7
Electronic and other electric equipment .....	36	3	3	4	3	3	4	5	4
Electric distribution equipment .....	361	8	12	19	9	9	12	20	10
Transformers, except electronic .....	3612	13	12	13	19	14	12	13	19
Switchgear and switchboard apparatus .....	3613	( <sup>6</sup> )	23	50	( <sup>6</sup> )	( <sup>6</sup> )	22	55	( <sup>6</sup> )
Electrical industrial apparatus .....	362	3	6	11	4	4	7	12	5
Motors and generators .....	3621	5	7	15	7	6	7	17	8
Relays and industrial controls .....	3625	5	15	15	9	7	17	16	12
Electrical industrial apparatus, n.e.c. ....	3629	18	32	54	18	14	32	56	19
Household appliances .....	363	5	7	7	6	6	7	7	6
Household cooking equipment .....	3631	( <sup>6</sup> )	7	25	( <sup>6</sup> )	( <sup>6</sup> )	7	28	( <sup>6</sup> )
Household refrigerators and freezers .....	3632	7	13	4	2	8	14	8	4
Household laundry equipment .....	3633	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	2	( <sup>6</sup> )	( <sup>6</sup> )	6	4
Household appliances, n.e.c. ....	3639	9	17	17	8	11	19	18	8
Electric lighting and wiring equipment .....	364	8	8	12	10	8	8	13	10
Electric lamps .....	3641	18	29	19	19	23	35	28	18
Current-carrying wiring devices .....	3643	16	15	19	21	17	14	18	24
Residential lighting fixtures .....	3645	25	25	29	29	25	25	30	29
Commercial lighting fixtures .....	3646	19	19	37	21	19	19	41	21
Vehicular lighting equipment .....	3647	9	11	24	10	9	12	24	10
Lighting equipment, n.e.c. ....	3648	25	33	53	24	31	35	57	28
Household audio and video equipment .....	365	12	11	14	15	14	13	16	16
Household audio and video equipment .....	3651	8	8	10	12	9	9	12	13
Communications equipment .....	366	21	21	21	21	23	24	25	24
Telephone and telegraph apparatus .....	3661	33	34	42	33	38	39	48	39
Radio and TV communications equipment .....	3663	29	29	30	31	31	32	36	33
Communications equipment, n.e.c. ....	3669	19	23	29	20	20	24	33	22
Electronic components and accessories .....	367	5	6	7	6	6	7	8	7
Electron tubes .....	3671	14	14	19	15	15	14	19	15
Printed circuit boards .....	3672	6	12	10	8	6	11	9	8
Semiconductors and related devices .....	3674	9	8	11	12	14	12	15	17
Electronic capacitors .....	3675	25	25	37	29	27	26	38	31
Electronic resistors .....	3676	15	20	22	16	19	25	25	18
Electronic coils and transformers .....	3677	25	35	41	29	34	60	63	35
Electronic connectors .....	3678	29	34	59	28	31	36	59	28
Electronic components, n.e.c. ....	3679	14	14	19	16	16	17	21	17
Miscellaneous electrical equipment and supplies .....	369	( <sup>6</sup> )	1	8	( <sup>6</sup> )	( <sup>6</sup> )	2	9	1

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Storage batteries .....	3691	9	13	23	9	14	18	25	14
Primary batteries, dry and wet .....	3692	4	( <sup>6</sup> )	24	15	( <sup>6</sup> )	( <sup>6</sup> )	21	20
Engine electrical equipment .....	3694	( <sup>6</sup> )	( <sup>6</sup> )	6	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	9	( <sup>6</sup> )
Magnetic and optical recording media .....	3695	21	36	78	( <sup>6</sup> )	25	37	77	16
Electrical equipment and supplies, n.e.c. ....	3699	15	22	21	18	16	22	24	18
Transportation equipment .....	37	2	3	4	2	2	3	4	2
Motor vehicles and equipment .....	371	3	4	5	3	4	4	6	4
Motor vehicles and car bodies .....	3711	( <sup>6</sup> )	2	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	1	( <sup>6</sup> )	( <sup>6</sup> )
Truck and bus bodies .....	3713	6	3	11	10	6	3	11	10
Motor vehicle parts and accessories .....	3714	7	8	11	6	7	9	11	7
Truck trailers .....	3715	9	7	10	13	8	7	10	13
Aircraft and parts .....	372	2	3	3	3	2	3	4	3
Aircraft .....	3721	3	3	4	3	3	4	5	3
Aircraft engines and engine parts .....	3724	7	13	13	12	8	14	15	13
Aircraft parts and equipment, n.e.c. ....	3728	3	4	7	5	3	5	8	5
Ship and boat building and repairing .....	373	3	4	6	4	3	4	6	5
Ship building and repairing .....	3731	4	5	6	4	4	5	6	3
Boat building and repairing .....	3732	6	7	12	10	6	7	12	11
Railroad equipment .....	374	( <sup>6</sup> )	( <sup>6</sup> )	24	( <sup>6</sup> )	( <sup>6</sup> )	3	24	( <sup>6</sup> )
Motorcycles, bicycles, and parts .....	375	8	11	12	8	9	13	13	8
Guided missiles, space vehicles, parts .....	376	22	21	27	23	23	22	28	26
Guided missiles and space vehicles .....	3761	30	30	38	30	33	31	40	35
Space vehicle equipment, n.e.c. ....	3769	45	35	42	56	48	34	42	65
Miscellaneous transportation equipment .....	379	9	10	14	12	9	10	15	12
Travel trailers and campers .....	3792	7	4	20	11	7	2	20	11
Tanks and tank components .....	3795	19	37	28	6	24	42	29	5
Transportation equipment, n.e.c. ....	3799	17	17	22	21	17	18	22	21
Instruments and related products .....	38	5	6	7	6	6	6	8	7
Search and navigation equipment .....	381	16	22	26	13	19	24	27	17
Measuring and controlling devices .....	382	7	8	11	8	8	9	13	10
Environmental controls .....	3822	6	9	10	8	6	10	9	9
Process control instruments .....	3823	21	16	29	32	23	17	34	35
Fluid meters and counting devices .....	3824	21	28	31	22	22	30	35	24
Instruments to measure electricity .....	3825	19	24	24	18	25	28	31	28
Analytical instruments .....	3826	21	27	67	16	25	34	83	19
Optical instruments and lenses .....	3827	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	8	17	( <sup>6</sup> )	( <sup>6</sup> )	31
Measuring and controlling devices, n.e.c. ....	3829	17	27	37	16	17	28	38	16
Medical instruments and supplies .....	384	5	6	8	7	6	6	9	9
Surgical and medical instruments .....	3841	10	11	14	13	10	12	14	14
Surgical appliances and supplies .....	3842	7	7	11	12	10	9	14	15
Dental equipment and supplies .....	3843	( <sup>6</sup> )	( <sup>6</sup> )	30	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	33	( <sup>6</sup> )
X-ray apparatus and tubes .....	3844	22	20	43	34	25	25	52	34
Electromedical equipment .....	3845	12	18	22	12	12	20	22	14
Ophthalmic goods .....	385	24	25	31	26	35	36	42	35
Miscellaneous manufacturing industries .....	39	5	7	6	7	6	7	7	8
Jewelry, silverware, and plated ware .....	391	20	22	26	22	21	23	28	24
Jewelry, precious metal .....	3911	26	34	37	26	28	37	41	29
Silverware and plated ware .....	3914	21	17	39	32	23	18	42	35
Musical instruments .....	393	16	35	49	30	18	39	55	32
Toys and sporting goods .....	394	10	13	11	12	10	13	12	13
Games, toys, and children's vehicles .....	3944	7	12	17	7	6	12	17	7
Sporting and athletic goods, n.e.c. ....	3949	12	15	13	16	12	16	15	18
Pens, pencils, office, and art supplies .....	395	( <sup>6</sup> )	( <sup>6</sup> )	17	16	5	( <sup>6</sup> )	18	20

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Pens and mechanical pencils .....	3951	21	27	28	20	24	28	28	24
Costume jewelry and notions .....	396	13	18	22	19	14	18	22	20
Costume jewelry .....	3961	24	25	26	24	25	27	28	26
Fasteners, buttons, needles, and pins .....	3965	13	25	35	18	13	25	35	18
Miscellaneous manufactures .....	399	8	8	10	11	9	8	10	11
Brooms and brushes .....	3991	26	17	28	33	29	20	31	35
Signs and advertising specialties .....	3993	12	11	14	16	12	11	15	16
Hard surface floor coverings, n.e.c. ....	3996	45	45	—	44	40	41	95	41
Manufacturing industries, n.e.c. ....	3999	8	10	12	12	9	10	13	13
Nondurable goods .....		1	1	2	2	1	1	2	2
Food and kindred products .....	20	2	2	4	3	2	2	4	3
Meat products .....	201	( <sup>6</sup> )	( <sup>6</sup> )	9	3	( <sup>6</sup> )	( <sup>6</sup> )	9	4
Meat packing plants .....	2011	( <sup>6</sup> )	( <sup>6</sup> )	14	1	( <sup>6</sup> )	( <sup>6</sup> )	15	5
Sausages and other prepared meats .....	2013	2	4	9	5	2	4	10	6
Poultry slaughtering and processing .....	2015	( <sup>6</sup> )	( <sup>6</sup> )	11	4	( <sup>6</sup> )	( <sup>6</sup> )	11	4
Dairy products .....	202	8	5	7	14	8	5	8	14
Cheese, natural and processed .....	2022	20	10	16	39	22	12	19	41
Dry, condensed, evaporated products .....	2023	10	15	22	20	11	15	23	19
Ice cream and frozen desserts .....	2024	11	13	19	17	11	13	20	18
Fluid milk .....	2026	10	8	10	16	10	8	10	16
Preserved fruits and vegetables .....	203	7	7	9	10	8	6	9	11
Canned specialties .....	2032	46	44	75	47	45	43	74	47
Canned fruits and vegetables .....	2033	9	11	15	11	9	11	14	11
Pickles, sauces, and salad dressings .....	2035	21	15	30	34	20	15	29	34
Frozen fruits and vegetables .....	2037	15	8	9	25	17	9	9	28
Frozen specialties, n.e.c. ....	2038	6	7	18	11	6	7	19	12
Grain mill products .....	204	6	7	10	8	6	7	10	7
Flour and other grain mill products .....	2041	18	15	23	24	16	16	25	20
Cereal breakfast foods .....	2043	15	20	14	10	17	21	15	12
Prepared flour mixes and doughs .....	2045	10	11	15	13	10	11	16	12
Wet corn milling .....	2046	27	39	46	26	27	39	46	27
Dog and cat food .....	2047	13	18	24	15	12	17	25	17
Prepared feeds, n.e.c. ....	2048	12	14	19	15	11	15	19	15
Bakery products .....	205	5	6	8	8	5	6	8	8
Bread, cake, and related products .....	2051	7	7	8	10	7	7	8	11
Cookies and crackers .....	2052	4	11	22	9	5	13	24	7
Frozen bakery products, except bread .....	2053	22	21	28	31	20	19	33	32
Sugar and confectionery products .....	206	7	10	13	13	9	11	14	14
Raw cane sugar .....	2061	( <sup>6</sup> )	15	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	14	( <sup>6</sup> )	( <sup>6</sup> )
Candy and other confectionery products .....	2064	13	15	21	21	17	17	22	25
Chocolate and cocoa products .....	2066	18	17	57	20	18	16	61	20
Chewing gum .....	2067	16	27	11	36	18	19	10	45
Fats and oils .....	207	1	8	16	20	4	8	16	22
Beverages .....	208	7	8	8	8	7	8	8	8
Malt beverages .....	2082	4	10	18	( <sup>6</sup> )	5	11	19	( <sup>6</sup> )
Wines, brandy, and brandy spirits .....	2084	13	16	18	19	14	15	18	21
Bottled and canned soft drinks .....	2086	11	11	12	12	11	12	12	12
Flavoring extracts and syrups, n.e.c. ....	2087	20	23	20	38	19	21	21	41
Miscellaneous food and kindred products .....	209	11	9	13	14	11	10	13	14
Canned and cured fish and seafoods .....	2091	9	13	13	9	11	14	12	12
Fresh or frozen prepared fish .....	2092	6	6	9	13	8	7	11	15
Roasted coffee .....	2095	14	20	36	16	14	20	36	16
Potato chips and similar snacks .....	2096	( <sup>6</sup> )	8	10	3	4	11	10	8
Food preparations, n.e.c. ....	2099	26	22	29	34	26	22	31	33

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Tobacco products .....	21	15	16	16	14	14	16	16	14
Cigarettes .....	211	14	14	12	15	14	14	11	14
Textile mill products .....	22	4	4	7	6	4	4	7	6
Broadwoven fabric mills, cotton .....	221	10	7	29	18	9	7	30	17
Broadwoven fabric mills, manmade .....	222	11	15	28	12	12	16	29	13
Broadwoven fabric mills, wool .....	223	29	38	51	32	30	38	53	36
Narrow fabric mills .....	224	12	12	20	18	12	11	20	18
Knitting mills .....	225	10	8	12	15	10	8	13	15
Women's hosiery, except socks .....	2251	38	42	53	36	40	49	65	37
Hosiery, n.e.c. ....	2252	19	16	19	26	21	19	20	28
Knit outerwear mills .....	2253	9	7	15	13	9	8	16	13
Knit underwear mills .....	2254	15	11	26	20	16	10	27	23
Weft knit fabric mills .....	2257	16	21	31	16	17	22	32	19
Lace and warp knit fabric mills .....	2258	22	17	47	28	20	15	47	27
Textile finishing, except wool .....	226	15	15	21	18	15	15	21	17
Finishing plants, cotton .....	2261	10	13	22	15	11	13	23	16
Finishing plants, manmade .....	2262	39	41	50	39	37	39	50	37
Finishing plants, n.e.c. ....	2269	38	32	41	46	38	32	41	46
Carpets and rugs .....	227	14	15	16	18	14	15	16	18
Yarn and thread mills .....	228	11	13	24	11	11	14	24	12
Yarn spinning mills .....	2281	9	13	24	10	10	13	24	12
Throwing and winding mills .....	2282	14	19	39	15	15	20	39	17
Miscellaneous textile goods .....	229	5	8	9	9	6	9	9	10
Coated fabrics, not rubberized .....	2295	11	11	15	23	12	12	16	27
Tire cord and fabrics .....	2296	12	8	18	25	11	8	20	25
Nonwoven fabrics .....	2297	7	19	30	6	8	19	30	( <sup>6</sup> )
Textile goods, n.e.c. ....	2299	11	10	8	18	11	9	9	19
Apparel and other textile products .....	23	6	5	7	7	7	6	8	8
Men's and boys' suits and coats .....	231	22	22	21	24	26	26	27	28
Men's and boys' furnishings .....	232	11	11	14	13	15	14	19	17
Men's and boys' shirts .....	2321	22	29	29	16	51	49	62	55
Men's and boys' underwear and nightwear .....	2322	32	28	39	41	34	29	40	46
Men's and boys' trousers and slacks .....	2325	17	16	21	19	19	19	26	22
Men's and boys' work clothing .....	2326	19	15	23	30	22	21	28	32
Men's and boys' clothing, n.e.c. ....	2329	41	41	42	43	44	41	43	47
Women's and misses' outerwear .....	233	20	20	24	23	21	21	26	23
Women's, junior's, and misses' dresses .....	2335	43	43	43	49	44	43	43	49
Women's and misses' suits and coats .....	2337	16	19	23	19	17	20	24	21
Women's and misses' outerwear, n.e.c. ....	2339	21	20	24	25	21	22	28	25
Women's and children's undergarments .....	234	41	31	44	50	45	34	50	54
Women's and children's underwear .....	2341	47	36	50	57	47	36	52	57
Hats, caps, and millinery .....	235	15	18	22	17	15	20	26	16
Girls' and children's outerwear .....	236	39	39	50	45	44	40	57	53
Girls' and children's outerwear, n.e.c. ....	2369	34	37	35	40	36	37	35	40
Miscellaneous apparel and accessories .....	238	21	19	19	26	20	20	20	23
Apparel and accessories, n.e.c. ....	2389	38	30	32	49	36	32	34	46
Miscellaneous fabricated textile products .....	239	5	5	9	7	6	6	10	8
Curtains and draperies .....	2391	20	24	27	18	22	26	28	19
Housefurnishings, n.e.c. ....	2392	9	10	17	12	10	11	18	13
Canvas and related products .....	2394	20	24	23	23	22	26	26	25
Pleating and stitching .....	2395	36	43	56	44	36	44	57	44
Automotive and apparel trimmings .....	2396	6	( <sup>6</sup> )	11	17	5	( <sup>6</sup> )	12	18
Fabricated textile products, n.e.c. ....	2399	11	11	15	13	12	12	17	17
Paper and allied products .....	26	3	4	5	4	3	4	5	4

See footnotes at end of table.



TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Pulp mills .....	261	29	37	55	25	28	35	55	23
Paper mills .....	262	8	9	12	8	9	9	12	9
Paperboard mills .....	263	14	17	25	15	14	17	25	15
Paperboard containers and boxes .....	265	5	6	7	6	5	6	7	6
Corrugated and solid fiber boxes .....	2653	5	7	6	7	5	7	6	7
Fiber cans, drums and similar products .....	2655	20	21	23	25	22	21	24	29
Folding paperboard boxes .....	2657	14	16	26	17	14	15	26	17
Miscellaneous converted paper products .....	267	5	5	6	6	5	5	6	6
Paper coated and laminated, packaging .....	2671	15	15	18	20	16	16	19	21
Paper coated and laminated, n.e.c. ....	2672	14	14	21	17	15	15	22	19
Bags: plastics, laminated, and coated .....	2673	9	9	7	14	9	10	8	14
Bags: uncoated paper and multiwall .....	2674	23	19	29	30	23	19	29	31
Die-cut paper and board .....	2675	13	20	30	13	13	20	31	14
Sanitary paper products .....	2676	13	18	14	13	14	19	15	14
Envelopes .....	2677	10	11	11	18	11	11	12	18
Converted paper products, n.e.c. ....	2679	8	11	9	7	8	11	10	8
Printing and publishing .....	27	3	3	3	3	3	3	3	3
Newspapers .....	271	6	6	6	6	6	6	7	7
Periodicals .....	272	20	21	22	23	21	22	23	23
Books .....	273	10	13	16	10	10	12	15	10
Book publishing .....	2731	9	13	21	12	9	12	18	12
Book printing .....	2732	12	16	23	10	12	14	20	12
Miscellaneous publishing .....	274	12	16	14	20	13	17	15	21
Commercial printing .....	275	3	3	4	4	3	3	4	4
Commercial printing, lithographic .....	2752	4	5	6	6	4	5	6	6
Commercial printing, n.e.c. ....	2759	5	5	7	7	4	5	7	7
Manifold business forms .....	276	10	17	13	13	10	19	15	14
Greeting cards .....	277	7	9	12	4	12	14	14	8
Blankbooks and bookbinding .....	278	9	12	20	13	10	14	21	13
Blankbooks and looseleaf binders .....	2782	14	14	14	18	14	14	14	18
Bookbinding and related work .....	2789	11	19	28	18	12	22	31	19
Printing trade services .....	279	15	21	19	17	15	22	20	18
Typesetting .....	2791	41	57	33	40	46	64	37	39
Platemaking services .....	2796	14	18	20	17	15	18	21	17
Chemicals and allied products .....	28	4	4	6	4	4	5	6	5
Industrial inorganic chemicals .....	281	16	20	23	18	16	20	24	20
Industrial gases .....	2813	47	59	68	49	47	59	69	49
Inorganic pigments .....	2816	42	26	35	55	43	26	35	58
Industrial inorganic chemicals, n.e.c. ....	2819	16	21	25	16	16	21	25	17
Plastics materials and synthetics .....	282	8	10	13	10	9	11	14	12
Plastics materials and resins .....	2821	14	17	20	17	14	17	20	18
Synthetic rubber .....	2822	25	31	38	22	26	32	39	24
Cellulosic manmade fibers .....	2823	17	17	67	19	17	16	76	22
Organic fibers, noncellulosic .....	2824	9	10	15	12	14	15	18	17
Drugs .....	283	6	7	10	6	7	8	10	7
Medicinals and botanicals .....	2833	24	31	67	20	27	33	68	24
Pharmaceutical preparations .....	2834	5	7	9	5	6	8	9	6
Biological products except diagnostic .....	2836	44	36	60	76	50	42	74	82
Soap, cleaners, and toilet goods .....	284	8	11	13	8	8	11	13	9
Soap and other detergents .....	2841	14	15	24	14	15	16	25	15
Polishes and sanitation goods .....	2842	25	27	33	28	25	27	33	28
Toilet preparations .....	2844	9	15	15	8	9	14	16	9
Paints and allied products .....	285	11	11	18	16	10	11	18	15
Industrial organic chemicals .....	286	14	16	25	15	15	17	27	16
Industrial organic chemicals, n.e.c. ....	2869	16	17	31	17	18	18	35	19

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Agricultural chemicals .....	287	16	15	28	22	15	19	32	21
Phosphatic fertilizers .....	2874	( <sup>6</sup> )	8	72	24	( <sup>6</sup> )	8	76	27
Agricultural chemicals, n.e.c. ....	2879	6	16	25	6	24	35	64	19
Miscellaneous chemical products .....	289	10	12	17	16	11	12	17	17
Adhesives and sealants .....	2891	14	18	19	20	15	18	19	22
Printing ink .....	2893	20	20	29	35	22	22	29	36
Chemical preparations, n.e.c. ....	2899	15	19	30	24	16	20	31	25
Petroleum and coal products .....	29	12	12	15	15	12	12	16	16
Petroleum refining .....	291	21	24	30	21	22	24	31	22
Asphalt paving and roofing materials .....	295	17	16	19	21	17	16	20	21
Asphalt paving mixtures and blocks .....	2951	26	24	25	34	26	24	25	34
Asphalt felts and coatings .....	2952	22	20	26	26	22	22	31	26
Miscellaneous petroleum and coal products .....	299	13	16	26	25	15	15	26	30
Lubricating oils and greases .....	2992	14	19	30	25	16	18	29	32
Rubber and miscellaneous plastics products .....	30	2	3	4	3	2	3	4	3
Tires and inner tubes .....	301	5	6	12	5	5	6	10	5
Hose and belting and gaskets and packing .....	305	6	8	9	7	6	8	10	8
Rubber and plastics hose and belting .....	3052	( <sup>6</sup> )	( <sup>6</sup> )	12	9	2	4	15	10
Gaskets, packing and sealing devices .....	3053	10	13	13	10	11	14	13	11
Fabricated rubber products, n.e.c. ....	306	4	6	8	6	4	6	9	6
Mechanical rubber goods .....	3061	6	9	11	8	6	9	11	9
Fabricated rubber products, n.e.c. ....	3069	4	7	12	7	6	8	14	9
Miscellaneous plastics products, n.e.c. ....	308	3	4	5	4	3	4	5	4
Unsupported plastics film and sheet .....	3081	9	10	11	11	10	11	11	11
Unsupported plastics profile shapes .....	3082	12	15	16	14	12	15	17	15
Laminated plastics plate and sheet .....	3083	15	13	12	22	14	13	12	22
Plastics pipe .....	3084	7	9	13	10	7	9	13	10
Plastics bottles .....	3085	18	20	21	26	19	20	20	28
Plastics foam products .....	3086	6	7	10	10	6	7	10	10
Custom compound purchased resins .....	3087	13	18	22	15	13	18	23	16
Plastics plumbing fixtures .....	3088	20	24	25	20	21	26	28	20
Plastics products, n.e.c. ....	3089	4	5	7	6	4	5	7	6
Leather and leather products .....	31	8	5	18	14	9	6	20	15
Leather tanning and finishing .....	311	14	16	29	17	15	16	32	18
Footwear, except rubber .....	314	15	20	27	14	20	26	34	17
Men's footwear, except athletic .....	3143	24	36	46	21	30	46	57	23
Women's footwear, except athletic .....	3144	45	40	72	54	65	63	—	69
Leather goods, n.e.c. ....	319	4	( <sup>6</sup> )	54	86	( <sup>6</sup> )	( <sup>6</sup> )	60	87
<b>Transportation and public utilities .....</b>		2	3	2	3	2	3	2	3
Local and interurban passenger transit .....	41	6	6	6	8	6	6	6	8
Local and suburban transportation .....	411	7	6	7	10	7	6	7	10
Taxicabs .....	412	23	24	26	25	24	24	26	25
Intercity and rural bus transportation .....	413	28	24	24	39	28	24	24	39
Bus charter service .....	414	33	23	22	57	32	22	22	55
School buses .....	415	7	12	13	12	7	12	13	12
Trucking and warehousing .....	42	5	5	4	6	5	5	4	6
Trucking and courier services, except air .....	421	5	6	5	7	5	6	5	7
Public warehousing and storage .....	422	7	7	8	11	7	6	8	11
Water transportation .....	44	12	11	11	15	11	11	11	15
Water transportation of freight, n.e.c. ....	444	29	26	36	38	24	25	36	26

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Water transportation of passengers .....	448	16	44	53	17	15	44	53	17
Water transportation services .....	449	10	9	9	16	10	9	9	16
Transportation by air .....	45	3	4	4	4	3	4	4	4
Air transportation, scheduled .....	451	3	4	4	4	3	4	4	4
Air transportation, nonscheduled .....	452	27	24	31	32	26	24	30	31
Airports, flying fields, and services .....	458	10	12	15	13	9	12	16	13
Pipelines, except natural gas .....	46	50	59	68	48	50	59	68	47
Transportation services .....	47	13	12	16	17	13	13	16	17
Freight transportation arrangement .....	473	12	13	16	15	11	13	17	10
Miscellaneous transportation services .....	478	18	18	25	23	18	18	26	23
Communications .....	48	6	6	6	7	6	6	7	7
Telephone communications .....	481	6	7	7	6	6	7	7	7
Cable and other pay television services .....	484	12	12	15	13	12	12	15	13
Electric, gas, and sanitary services .....	49	4	4	5	5	5	5	5	6
Electric services .....	491	5	5	8	6	5	5	8	7
Gas production and distribution .....	492	3	5	8	7	3	5	8	7
Combination utility services .....	493	18	16	14	20	20	17	15	23
Water supply .....	494	21	26	32	31	20	26	32	29
Sanitary services .....	495	10	10	13	12	12	12	13	13
<b>Wholesale and retail trade .....</b>		1	2	2	2	1	2	2	2
Wholesale trade .....		2	3	3	3	2	3	3	3
Wholesale trade—durable goods .....	50	3	3	4	4	3	3	4	4
Motor vehicles, parts, and supplies .....	501	6	7	8	8	6	7	8	8
Furniture and homefurnishings .....	502	14	15	17	21	14	15	17	21
Lumber and construction materials .....	503	9	9	12	14	9	9	12	14
Professional and commercial equipment .....	504	8	8	10	10	8	8	10	10
Metals and minerals, except petroleum .....	505	11	13	13	18	11	13	13	18
Electrical goods .....	506	9	10	11	10	9	10	11	11
Hardware, plumbing and heating equipment .....	507	10	12	10	10	10	13	11	10
Machinery, equipment, and supplies .....	508	8	8	9	8	8	8	9	8
Miscellaneous durable goods .....	509	10	13	12	11	10	13	12	11
Wholesale trade—nondurable goods .....	51	3	4	4	4	3	4	5	4
Paper and paper products .....	511	9	10	12	11	9	10	12	11
Drugs, proprietaries, and sundries .....	512	14	16	21	23	15	17	21	25
Apparel, piece goods, and notions .....	513	12	12	16	15	11	12	17	15
Groceries and related products .....	514	4	5	6	6	5	5	6	6
Farm-product raw materials .....	515	11	13	13	14	11	13	13	14
Chemicals and allied products .....	516	13	15	16	19	13	15	16	19
Petroleum and petroleum products .....	517	11	15	16	14	11	15	16	14
Beer, wine, and distilled beverages .....	518	12	16	16	10	12	16	16	10
Miscellaneous nondurable goods .....	519	10	10	10	11	9	10	11	10
Retail trade .....		2	2	2	2	2	2	2	2
Building materials and garden supplies .....	52	5	6	6	6	5	6	6	6
Lumber and other building materials .....	521	6	7	8	7	6	7	8	7
Paint, glass, and wallpaper stores .....	523	15	18	22	18	15	18	22	18
Hardware stores .....	525	8	10	12	10	8	10	12	10
Retail nurseries and garden stores .....	526	9	12	13	14	9	13	14	14
Mobile home dealers .....	527	21	27	27	26	22	27	27	27
General merchandise stores .....	53	3	4	4	4	3	4	4	4
Department stores .....	531	3	4	4	5	3	4	4	5
Variety stores .....	533	14	21	28	15	14	21	28	15

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Miscellaneous general merchandise stores .....	539	9	15	15	11	9	15	15	11
Food stores .....	54	4	5	5	4	4	5	6	4
Grocery stores .....	541	4	5	6	4	4	5	6	4
Meat and fish markets .....	542	35	38	38	40	35	38	38	40
Fruit and vegetable markets .....	543	19	25	37	23	20	25	38	23
Dairy products stores .....	545	67	57	59	81	69	57	60	81
Retail bakeries .....	546	21	20	22	29	21	20	23	29
Miscellaneous food stores .....	549	14	29	26	16	14	28	29	17
Automotive dealers and service stations .....	55	3	3	3	3	3	3	3	3
New and used car dealers .....	551	4	5	5	4	4	5	5	4
Used car dealers .....	552	29	31	29	33	31	33	23	33
Auto and home supply stores .....	553	5	6	6	6	5	6	6	6
Gasoline service stations .....	554	6	6	8	9	7	6	8	9
Boat dealers .....	555	15	23	24	15	15	23	24	15
Recreational vehicle dealers .....	556	16	21	22	21	16	21	22	21
Motorcycle dealers .....	557	20	36	37	23	18	30	31	23
Automotive dealers, n.e.c. ....	559	34	51	53	38	34	51	53	38
Apparel and accessory stores .....	56	4	6	7	5	4	6	7	5
Men's and boys' clothing stores .....	561	18	23	25	22	18	23	25	22
Women's clothing stores .....	562	11	14	17	14	11	15	17	14
Women's accessory and speciality stores .....	563	43	72	62	30	39	67	65	30
Children's and infants' wear stores .....	564	23	30	37	30	24	32	40	30
Family clothing stores .....	565	4	5	6	6	4	5	6	6
Shoe stores .....	566	14	19	27	12	14	21	28	12
Miscellaneous apparel and accessory stores .....	569	15	18	22	21	16	19	23	21
Furniture and homefurnishings stores .....	57	4	5	5	4	4	5	5	4
Furniture and homefurnishings stores .....	571	4	5	6	6	4	5	6	6
Household appliance stores .....	572	11	16	18	13	11	16	18	13
Radio, television, and computer stores .....	573	8	10	11	8	7	10	11	7
Eating and drinking places .....	58	4	5	6	4	4	5	6	4
Miscellaneous retail .....	59	3	4	5	4	3	4	5	4
Drug stores and proprietary stores .....	591	6	8	9	7	6	8	9	7
Liquor stores .....	592	29	34	39	32	30	34	39	32
Used merchandise stores .....	593	12	15	16	15	12	15	16	15
Miscellaneous shopping goods stores .....	594	6	8	8	7	6	8	8	7
Nonstore retailers .....	596	6	6	7	7	6	6	7	8
Fuel dealers .....	598	10	11	12	13	10	12	12	13
Retail stores, n.e.c. ....	599	10	13	16	12	10	13	16	13
<b>Finance, insurance, and real estate .....</b>		3	4	5	3	3	4	5	3
Depository institutions .....	60	5	8	10	5	5	10	11	6
Central reserve depositories .....	601	28	31	10	26	28	29	13	29
Commercial banks .....	602	5	8	8	6	6	9	8	7
Savings institutions .....	603	15	29	39	14	16	33	42	15
Credit unions .....	606	16	20	23	21	16	23	26	19
Foreign bank and branches and agencies .....	608	36	37	45	40	34	35	43	40
Functions closely related to banking .....	609	27	46	34	20	36	54	40	26
Nondepository institutions .....	61	12	21	23	12	13	23	26	13
Personal credit institutions .....	614	24	60	48	23	27	70	57	26
Business credit institutions .....	615	26	29	31	27	33	34	37	37
Mortgage bankers and brokers .....	616	16	29	37	15	16	31	41	15
Security and commodity brokers .....	62	24	29	28	24	27	32	31	27
Security and commodity services .....	628	32	45	50	25	34	48	51	28

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Insurance carriers .....	63	5	7	8	5	6	9	10	6
Life insurance .....	631	12	16	18	13	15	20	23	16
Medical service and health insurance .....	632	7	9	9	9	8	9	8	9
Fire, marine, and casualty insurance .....	633	7	12	13	8	9	14	15	9
Surety insurance .....	635	67	73	73	57	83	84	84	84
Title insurance .....	636	25	45	50	31	26	48	50	31
Pension, health, and welfare funds .....	637	15	35	38	15	21	40	40	32
Insurance agents, brokers, and service .....	64	12	14	16	15	13	16	18	16
Real estate .....	65	4	6	7	5	4	6	7	5
Real estate operators and lessors .....	651	6	8	9	7	6	8	9	8
Real estate agents and managers .....	653	7	10	12	9	7	10	13	9
Title abstract offices .....	654	54	45	53	63	55	50	58	63
Subdividers and developers .....	655	11	12	13	14	11	12	14	14
Holding and other investment offices .....	67	21	25	33	26	25	25	31	30
Holding offices .....	671	21	27	45	27	23	29	47	29
Investment offices .....	672	62	94	81	56	78	—	94	68
Trusts .....	673	37	52	64	38	37	53	63	38
Miscellaneous investing .....	679	45	67	68	65	61	65	60	77
<b>Services .....</b>		2	2	3	2	2	2	3	2
Hotels and other lodging places .....	70	( <sup>6</sup> )	6	5	3	( <sup>6</sup> )	7	5	3
Hotels and motels .....	701	( <sup>6</sup> )	7	5	3	( <sup>6</sup> )	7	5	3
Camps and recreational vehicle parks .....	703	38	47	55	37	38	48	55	38
Personal services .....	72	5	6	7	6	5	6	7	6
Laundry, cleaning, and garment services .....	721	6	6	7	7	6	6	7	7
Photographic studios, portrait .....	722	22	23	25	29	22	23	26	29
Beauty shops .....	723	17	29	31	16	19	32	34	17
Funeral service and crematories .....	726	27	33	30	28	27	31	30	28
Miscellaneous personal services .....	729	22	30	33	22	23	31	33	22
Business services .....	73	5	6	6	6	5	6	6	7
Credit reporting and collection .....	732	28	28	33	33	31	31	34	36
Mailing, reproduction, stenographic .....	733	16	18	20	24	16	18	20	25
Services to buildings .....	734	9	9	9	12	9	9	9	12
Miscellaneous equipment rental and leasing .....	735	15	18	23	17	15	19	23	17
Personnel supply services .....	736	15	14	19	18	15	15	20	19
Computer and data processing services .....	737	11	16	15	12	12	16	16	14
Miscellaneous business services .....	738	9	11	10	11	9	11	11	11
Auto repair, services, and parking .....	75	13	21	26	10	13	21	27	10
Automotive rentals, no drivers .....	751	10	11	11	12	10	11	11	13
Automobile parking .....	752	13	17	21	17	13	17	21	16
Automotive repair shops .....	753	10	8	8	16	10	8	8	16
Miscellaneous repair services .....	76	7	8	8	8	7	8	8	8
Electrical repair shops .....	762	9	12	13	9	9	13	13	9
Reupholstery and furniture repair .....	764	21	25	26	21	20	26	26	22
Miscellaneous repair shops .....	769	10	11	12	11	10	11	12	11
Motion pictures .....	78	14	18	20	15	15	19	21	15
Amusement and recreation services .....	79	5	5	6	6	5	5	6	6
Producers, orchestras, entertainers .....	792	20	20	19	23	21	20	19	24
Bowling centers .....	793	17	21	21	20	16	21	21	19
Commercial sports .....	794	9	10	11	10	8	10	11	10
Miscellaneous amusement, recreation services .....	799	6	6	7	7	6	6	7	7
Health services .....	80	2	2	3	3	2	2	3	3
Offices and clinics of medical doctors .....	801	6	12	16	6	5	9	12	6

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses and occupational injuries by industry, 1999 — Continued

Industry	SIC code <sup>1</sup>	Relative standard errors (percent) <sup>2</sup>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
			Total <sup>3</sup>	With days away from work <sup>4</sup>			Total <sup>3</sup>	With days away from work <sup>4</sup>	
Offices and clinics of dentists .....	802	17	36	39	19	18	49	56	19
Offices of other health practitioners .....	804	19	22	26	23	19	23	27	22
Nursing and personal care facilities .....	805	5	4	5	7	4	4	5	7
Hospitals .....	806	3	2	3	4	3	2	2	5
Medical and dental laboratories .....	807	15	25	25	14	16	29	27	15
Home health care services .....	808	8	7	7	11	8	7	7	11
Health and allied services, n.e.c. ....	809	8	11	10	11	9	11	10	11
Legal services .....	81	16	18	20	19	16	19	23	18
Educational services .....	82	4	5	6	5	4	5	6	5
Elementary and secondary schools .....	821	9	12	12	11	10	13	12	12
Colleges and universities .....	822	5	4	4	6	4	4	4	5
Vocational schools .....	824	33	43	57	28	33	43	59	28
Schools and educational services, n.e.c. ....	829	29	39	41	38	30	41	44	39
Social services .....	83	6	9	9	6	6	9	10	6
Individual and family services .....	832	9	11	12	10	9	10	10	10
Job training and related services .....	833	8	13	18	9	8	13	18	9
Child day care services .....	835	11	11	12	14	11	11	12	14
Social services, n.e.c. ....	839	22	24	26	23	22	24	26	23
Museums, botanical, zoological gardens .....	84	12	14	15	13	12	14	15	13
Museums and art galleries .....	841	16	18	19	18	16	18	19	19
Botanical and zoological gardens .....	842	16	25	27	16	16	25	29	17
Membership organizations .....	86	6	10	9	7	6	11	9	7
Business associations .....	861	28	26	27	38	28	26	27	38
Professional organizations .....	862	18	21	24	23	18	23	27	23
Labor organizations .....	863	35	37	36	37	37	40	37	37
Civic and social associations .....	864	8	13	9	8	8	13	9	8
Religious organizations .....	866	21	22	22	27	21	23	22	27
Membership organizations, n.e.c. ....	869	22	36	34	25	22	37	35	26
Engineering and management services .....	87	5	7	7	6	5	7	8	7
Engineering and architectural services .....	871	10	13	13	11	10	13	13	10
Accounting, auditing, and bookkeeping .....	872	19	20	21	21	18	19	18	22
Research and testing services .....	873	9	11	14	13	10	12	15	15
Management and public relations .....	874	9	12	13	10	9	12	14	10
Services, n.e.c. ....	89	58	84	93	53	59	86	96	54

<sup>1</sup> Standard Industrial Classification Manual, 1987 Edition.

<sup>2</sup> See discussion on reliability of estimates.

<sup>3</sup> Total lost workday cases involve days away from work, days of restricted work activity, or both.

<sup>4</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>5</sup> 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).

<sup>6</sup> Percent relative standard error less than 0.5.

NOTE: Dash indicates data not available. The n.e.c. abbreviation means that the category includes those components not elsewhere classified.

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