

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Private industry		106,183.1	1	1	1	1	1
Goods producing		22,597.1	1	1	1	1	1
Natural resources and mining		1,465.1	4	4	5	7	7
Agriculture, forestry, fishing and hunting	11	965.0	4	5	6	8	9
Crop production	111	430.8	6	7	9	12	9
Oilseed and grain farming	1111	11.3	32	37	42	48	36
Vegetable and melon farming	1112	87.3	16	18	22	31	20
Fruit and tree nut farming	1113	129.3	11	10	14	31	19
Greenhouse, nursery, and floriculture production	1114	149.1	7	10	10	17	10
Other crop farming	1119	53.8	–	–	38	32	–
Animal production	112	139.3	9	12	12	16	–
Cattle ranching and farming	1121	71.1	–	21	21	30	–
Beef cattle ranching and farming, including feedlots	11211	22.7	12	17	15	30	14
Dairy cattle and milk production	11212	48.3	–	30	30	44	–
Hog and pig farming	1122	16.3	13	15	16	26	20
Poultry and egg production	1123	37.9	13	13	16	18	19
Forestry and logging	113	72.8	13	16	17	29	18
Logging	1133	66.6	13	17	17	31	18
Fishing, hunting and trapping	114	10.1	49	45	47	69	77
Support activities for agriculture and forestry	115	311.9	8	10	13	15	15
Support activities for crop production	1151	270.1	9	11	15	16	16
Support activities for crop production	11511	270.1	9	11	15	16	16
Soil preparation, planting, and cultivating	115112	22.7	29	42	33	55	41
Crop harvesting, primarily by machine	115113	10.4	36	42	39	59	45
Postharvest crop activities (except cotton ginning)	115114	66.5	10	15	24	14	14
Farm labor contractors and crew leaders	115115	144.2	16	16	17	26	–
Farm management services	115116	17.0	20	46	46	55	34
Support activities for animal production	1152	25.4	24	27	32	32	29
Support activities for forestry	1153	16.4	28	29	31	44	31
Mining	21	500.1	7	6	7	9	10
Oil and gas extraction	211	120.3	21	29	32	44	21
Oil and gas extraction	2111	120.3	21	29	32	44	21
Oil and gas extraction	21111	120.3	21	29	32	44	21

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Crude petroleum and natural gas extraction	211111	115.6	24	31	33	47	24
Mining (except oil and gas)	212	200.3	(4)	(4)	(4)	(4)	(4)
Coal mining	2121	68.8	(4)	(4)	(4)	(4)	(4)
Coal mining	21211	68.8	(4)	(4)	(4)	(4)	(4)
Bituminous coal and lignite surface mining	212111	32.4	(4)	(4)	(4)	(4)	(4)
Bituminous coal underground mining	212112	35.8	(4)	(4)	(4)	(4)	(4)
Anthracite mining	212113	.6	(4)	(4)	(4)	(4)	(4)
Metal ore mining	2122	26.3	(4)	(4)	(4)	(4)	(4)
Iron ore mining	21221	5.3	(4)	(4)	(4)	(4)	(4)
Gold ore and silver ore mining	21222	9.1	(4)	(4)	(4)	(4)	(4)
Gold ore mining	212221	8.3	(4)	(4)	(4)	(4)	(4)
Silver ore mining	212222	.9	(4)	(4)	(4)	(4)	(4)
Copper, nickel, lead, and zinc mining	21223	8.4	(4)	(4)	(4)	(4)	(4)
Lead ore and zinc ore mining	212231	1.3	(4)	(4)	(4)	(4)	(4)
Copper ore and nickel ore mining	212234	7.1	(4)	(4)	(4)	(4)	(4)
Other metal ore mining	21229	3.4	(4)	(4)	(4)	(4)	(4)
Uranium-radium-vanadium ore mining	212291	.4	(4)	(4)	(4)	(4)	(4)
All other metal ore mining	212299	3.0	(4)	(4)	(4)	(4)	(4)
Nonmetallic mineral mining and quarrying	2123	105.1	(4)	(4)	(4)	(4)	(4)
Stone mining and quarrying	21231	46.9	(4)	(4)	(4)	(4)	(4)
Dimension stone mining and quarrying	212311	6.7	(4)	(4)	(4)	(4)	(4)
Crushed and broken limestone mining and quarrying	212312	26.1	(4)	(4)	(4)	(4)	(4)
Crushed and broken granite mining and quarrying	212313	5.1	(4)	(4)	(4)	(4)	(4)
Other crushed and broken stone mining and quarrying	212319	9.0	(4)	(4)	(4)	(4)	(4)
Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying	21232	44.0	(4)	(4)	(4)	(4)	(4)
Construction sand and gravel mining	212321	31.9	(4)	(4)	(4)	(4)	(4)
Kaolin and ball clay mining	212324	4.4	(4)	(4)	(4)	(4)	(4)
Clay and ceramic and refractory minerals mining	212325	4.4	(4)	(4)	(4)	(4)	(4)
Other nonmetallic mineral mining and quarrying	21239	14.3	(4)	(4)	(4)	(4)	(4)
Potash, soda, and borate mineral mining	212391	3.6	(4)	(4)	(4)	(4)	(4)
Phosphate rock mining	212392	2.1	(4)	(4)	(4)	(4)	(4)
Other chemical and fertilizer mineral mining	212393	2.9	(4)	(4)	(4)	(4)	(4)
All other nonmetallic mineral mining	212399	5.6	(4)	(4)	(4)	(4)	(4)
Support activities for mining	213	179.5	18	16	21	20	—
Support activities for mining	2131	179.5	18	16	21	20	—
Support activities for mining	21311	179.5	18	16	21	20	—
Drilling oil and gas wells	213111	51.5	21	24	31	30	20

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Support activities for oil and gas operations	213112	121.0	—	19	26	27	—
Construction		6,672.4	2	2	2	4	3
Construction	23	6,672.4	2	2	2	4	3
Construction of buildings	236	1,565.4	3	5	5	10	4
Residential building construction	2361	834.0	5	7	7	—	6
Nonresidential building construction	2362	731.4	5	6	6	10	6
Heavy and civil engineering construction	237	891.5	4	5	6	7	6
Utility system construction	2371	368.0	6	7	8	12	10
Land subdivision	2372	84.6	21	19	23	19	28
Highway, street, and bridge construction	2373	332.3	6	6	8	10	9
Other heavy and civil engineering construction	2379	106.6	15	20	22	30	17
Specialty trade contractors	238	4,215.5	2	3	3	5	4
Foundation, structure, and building exterior contractors	2381	945.6	5	5	6	7	7
Poured concrete foundation and structure contractors	23811	198.2	15	15	18	14	19
Structural steel and precast concrete contractors	23812	83.3	11	13	18	22	—
Framing contractors	23813	136.9	11	11	14	22	15
Masonry contractors	23814	222.0	8	8	8	18	15
Glass and glazing contractors	23815	52.1	18	20	23	25	21
Roofing contractors	23816	177.8	6	8	10	15	9
Siding contractors	23817	38.9	—	29	30	58	54
Other foundation, structure, and building exterior contractors	23819	36.3	18	26	34	22	20
Building equipment contractors	2382	1,804.7	3	4	4	8	4
Electrical contractors	23821	853.4	5	6	7	11	6
Plumbing, heating, and air-conditioning contractors	23822	848.2	5	5	6	11	6
Other building equipment contractors	23829	103.2	16	15	12	32	20
Building finishing contractors	2383	878.4	6	6	6	11	10
Drywall and insulation contractors	23831	320.1	8	8	7	15	18
Painting and wall covering contractors	23832	213.2	12	12	12	25	—
Flooring contractors	23833	79.0	11	14	16	28	18
Tile and terrazzo contractors	23834	58.1	—	—	—	54	—
Finish carpentry contractors	23835	143.4	9	11	14	18	12
Other building finishing contractors	23839	64.5	16	—	14	41	17
Other specialty trade contractors	2389	586.8	9	5	5	9	18
Site preparation contractors	23891	301.8	6	7	7	13	9
All other special trade contractors	23899	285.0	15	6	7	13	—

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Manufacturing		14,459.7	1	1	1	1	1
Manufacturing	31-33	14,459.7	1	1	1	1	1
Food manufacturing	311	1,513.4	2	2	4	3	3
Animal food manufacturing	3111	49.5	16	—	36	21	15
Animal food manufacturing	31111	49.5	16	—	36	21	15
Dog and cat food manufacturing	311111	18.0	19	28	23	37	22
Other animal food manufacturing	311119	31.5	18	—	37	25	21
Grain and oilseed milling	3112	61.7	8	12	20	15	8
Flour milling and malt manufacturing	31121	20.2	13	27	40	27	6
Starch and vegetable fats and oils manufacturing	31122	27.1	10	13	21	25	12
Breakfast cereal manufacturing	31123	14.4	22	21	27	23	26
Sugar and confectionery product manufacturing	3113	84.8	5	7	11	9	8
Sugar manufacturing	31131	14.4	7	14	13	23	6
Sugarcane mills	311311	4.8	10	18	12	30	9
Chocolate and confectionery manufacturing from cacao beans	31132	8.9	7	24	32	22	30
Confectionery manufacturing from purchased chocolate	31133	39.1	7	10	22	11	11
Nonchocolate confectionery manufacturing	31134	22.4	18	17	18	19	26
Fruit and vegetable preserving and specialty food manufacturing	3114	183.6	4	5	6	8	7
Frozen food manufacturing	31141	92.9	6	7	9	10	9
Frozen fruit, juice, and vegetable manufacturing	311411	36.3	8	10	13	15	13
Frozen specialty food manufacturing	311412	56.6	8	10	12	12	13
Fruit and vegetable canning, pickling, and drying	31142	90.7	6	8	8	13	10
Fruit and vegetable canning	311421	67.5	8	10	7	16	12
Specialty canning	311422	11.4	24	18	43	15	39
Dried and dehydrated food manufacturing	311423	11.8	(⁵)	(⁵)	28	18	21
Dairy product manufacturing	3115	135.2	6	7	12	9	9
Dairy product (except frozen) manufacturing	31151	113.4	7	8	13	10	11
Fluid milk manufacturing	311511	56.8	11	12	19	15	14
Creamery butter manufacturing	311512	2.1	8	3	21	27	30
Cheese manufacturing	311513	38.0	9	9	18	13	16
Dry, condensed, and evaporated dairy product manufacturing	311514	16.5	20	20	25	25	30
Ice cream and frozen dessert manufacturing	31152	21.8	14	14	22	14	17
Animal slaughtering and processing	3116	512.4	2	3	6	3	3
Animal slaughtering and processing	31161	512.4	2	3	6	3	3
Animal (except poultry) slaughtering	311611	154.6	5	5	10	5	5
Meat processed from carcasses	311612	110.0	4	4	8	5	9

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Rendering and meat byproduct processing	311613	8.1	22	13	18	18	41
Poultry processing	311615	239.6	2	5	12	5	(⁵)
Seafood product preparation and packaging	3117	43.3	10	13	11	21	13
Seafood product preparation and packaging	31171	43.3	10	13	11	21	13
Fresh and frozen seafood processing	311712	37.8	12	15	12	23	15
Bakeries and tortilla manufacturing	3118	291.5	10	9	9	13	14
Bread and bakery product manufacturing	31181	216.0	14	12	10	19	18
Retail bakeries	311811	70.6	36	54	68	90	38
Commercial bakeries	311812	135.2	13	10	6	16	18
Frozen cakes, pies, and other pastries manufacturing	311813	10.2	24	26	30	35	36
Cookie, cracker, and pasta manufacturing	31182	59.5	11	11	19	12	21
Cookie and cracker manufacturing	311821	35.4	15	13	18	12	28
Flour mixes and dough manufacturing from purchased flour	311822	15.8	18	21	39	40	24
Dry pasta manufacturing	311823	8.4	9	13	31	14	11
Tortilla manufacturing	31183	16.0	29	25	44	28	65
Other food manufacturing	3119	151.4	9	12	11	18	11
Snack food manufacturing	31191	45.7	11	14	21	12	24
Roasted nuts and peanut butter manufacturing	311911	11.0	31	40	39	45	36
Other snack food manufacturing	311919	34.7	11	14	26	8	30
Coffee and tea manufacturing	31192	13.1	14	14	22	22	26
Flavoring syrup and concentrate manufacturing	31193	11.3	26	25	33	20	33
Seasoning and dressing manufacturing	31194	27.9	11	13	16	16	22
Mayonnaise, dressing, and other prepared sauce manufacturing	311941	12.4	12	15	24	17	28
Spice and extract manufacturing	311942	15.4	18	20	22	23	33
All other food manufacturing	31199	53.5	20	—	24	—	16
Perishable prepared food manufacturing	311991	26.3	—	—	27	—	22
All other miscellaneous food manufacturing	311999	27.2	20	21	39	23	23
Beverage and tobacco product manufacturing	312	199.4	5	7	10	11	8
Beverage manufacturing	3121	168.7	5	7	10	11	8
Soft drink and ice manufacturing	31211	105.0	4	6	10	13	11
Soft drink manufacturing	312111	80.6	5	8	12	16	12
Bottled water manufacturing	312112	17.0	(⁵)	5	19	11	33
Breweries	31212	26.5	6	12	11	19	9
Wineries	31213	29.9	13	15	17	20	17
Distilleries	31214	7.2	9	8	24	13	15
Tobacco manufacturing	3122	30.7	12	16	15	21	11
Tobacco product manufacturing	31222	26.9	10	12	10	18	12
Cigarette manufacturing	312221	19.2	15	19	12	57	16

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Other tobacco product manufacturing	312229	7.7	7	6	17	7	10
Textile mills	313	261.3	7	8	14	8	10
Fiber, yarn, and thread mills	3131	57.9	9	11	30	11	12
Fiber, yarn, and thread mills	31311	57.9	9	11	30	11	12
Yarn spinning mills	313111	42.7	9	12	37	12	13
Yarn texturizing, throwing, and twisting mills	313112	12.3	29	27	71	22	41
Fabric mills	3132	128.8	10	9	21	11	16
Broadwoven fabric mills	31321	79.6	16	14	45	16	26
Narrow fabric mills and schiffli machine embroidery	31322	15.5	21	27	30	32	30
Narrow fabric mills	313221	14.2	22	29	32	34	30
Nonwoven fabric mills	31323	17.2	10	13	38	16	16
Knit fabric mills	31324	16.5	17	17	20	20	20
Weft knit fabric mills	313241	7.5	23	26	26	32	25
Other knit fabric and lace mills	313249	9.0	19	16	29	12	27
Textile and fabric finishing and fabric coating mills	3133	74.6	15	17	23	21	20
Textile and fabric finishing mills	31331	63.8	17	19	23	24	25
Broadwoven fabric finishing mills	313311	37.0	21	26	30	27	31
Textile and fabric finishing (except broadwoven fabric) mills	313312	26.8	27	29	34	39	28
Fabric coating mills	31332	10.7	30	33	54	33	34
Textile product mills	314	182.6	7	10	14	12	11
Textile furnishings mills	3141	105.7	8	12	20	14	15
Carpet and rug mills	31411	49.0	12	16	38	21	25
Curtain and linen mills	31412	56.7	12	18	22	17	15
Curtain and drapery mills	314121	18.0	18	20	21	34	20
Other household textile product mills	314129	38.7	16	22	32	17	21
Other textile product mills	3149	76.9	11	15	20	21	17
Textile bag and canvas mills	31491	30.0	18	23	41	25	30
Canvas and related product mills	314912	21.0	25	33	52	40	41
All other textile product mills	31499	47.0	14	20	13	28	15
Tire cord and tire fabric mills	314992	5.0	10	11	12	13	15
All other miscellaneous textile product mills	314999	36.8	17	20	20	28	22
Apparel manufacturing	315	309.0	10	11	14	12	12
Apparel knitting mills	3151	43.5	16	20	30	17	19
Hosiery and sock mills	31511	28.3	19	26	29	28	23
Other hosiery and sock mills	315119	18.4	15	26	29	29	22
Other apparel knitting mills	31519	15.2	30	30	73	4	31
Outerwear knitting mills	315191	11.7	38	38	—	(⁵)	40
Underwear and nightwear knitting mills	315192	3.5	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
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Cut and sew apparel manufacturing	3152	241.2	12	12	16	15	15
Men's and boys' cut and sew apparel contractors	315211	25.7	—	45	60	40	54
Men's and boys' cut and sew apparel manufacturing	31522	61.3	15	15	18	21	18
Men's and boys' cut and sew work clothing manufacturing	315225	12.1	23	24	28	27	37
Women's and girls' cut and sew apparel manufacturing	31523	56.6	17	21	28	24	19
Women's and girls' cut and sew dress manufacturing	315233	10.8	38	41	54	37	33
Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	315234	5.0	33	45	42	54	55
Women's and girls' cut and sew other outerwear manufacturing	315239	28.5	23	34	42	40	24
Other cut and sew apparel manufacturing	31529	21.9	29	32	38	30	33
All other cut and sew apparel manufacturing	315299	17.8	31	34	45	30	36
Apparel accessories and other apparel manufacturing	3159	24.3	57	66	84	56	52
Apparel accessories and other apparel manufacturing	31599	24.3	57	66	84	56	52
Leather and allied product manufacturing	316	45.6	14	15	17	17	18
Footwear manufacturing	3162	19.9	12	17	17	20	10
Footwear manufacturing	31621	19.9	12	17	17	20	10
Rubber and plastics footwear manufacturing	316211	2.4	39	26	22	28	75
Men's footwear (except athletic) manufacturing	316213	9.4	(⁵)	15	24	22	(⁵)
Women's footwear (except athletic) manufacturing	316214	5.3	17	20	35	16	16
Other leather and allied product manufacturing	3169	17.8	34	31	35	32	55
Other leather and allied product manufacturing	31699	17.8	34	31	35	32	55
Wood product manufacturing	321	534.3	3	4	5	6	5
Sawmills and wood preservation	3211	116.3	9	10	11	16	11
Sawmills and wood preservation	32111	116.3	9	10	11	16	11
Sawmills	321113	103.7	10	11	12	18	12
Wood preservation	321114	12.6	17	12	19	29	29
Veneer, plywood, and engineered wood product manufacturing	3212	112.7	8	9	11	11	10
Veneer, plywood, and engineered wood product manufacturing	32121	112.7	8	9	11	11	10
Hardwood veneer and plywood manufacturing	321211	23.3	13	16	17	21	15
Softwood veneer and plywood manufacturing	321212	20.9	14	12	15	18	23
Truss manufacturing	321214	41.9	9	10	14	13	14
Reconstituted wood product manufacturing	321219	18.4	25	32	33	38	23
Other wood product manufacturing	3219	305.2	4	5	6	7	7
Millwork	32191	150.0	5	7	10	10	7
Wood window and door manufacturing	321911	71.8	5	8	8	13	8
Cut stock, resawing lumber, and planing	321912	18.9	15	21	33	30	22
Other millwork (including flooring)	321918	59.3	10	13	14	17	16
Wood container and pallet manufacturing	32192	57.4	8	10	12	15	10

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

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			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
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All other wood product manufacturing	32199	97.7	7	7	11	14	14
Manufactured home (mobile home) manufacturing	321991	45.2	9	9	15	21	17
Prefabricated wood building manufacturing	321992	24.3	11	13	22	35	17
All other miscellaneous wood product manufacturing	321999	28.3	10	13	15	19	16
Paper manufacturing	322	514.1	5	6	7	7	6
Pulp, paper, and paperboard mills	3221	150.0	8	9	8	12	9
Pulp mills	32211	7.0	19	(⁵)	(⁵)	59	30
Paper mills	32212	104.2	8	10	9	13	9
Paper (except newsprint) mills	322121	94.2	9	10	8	15	10
Paperboard mills	32213	38.8	23	24	25	29	26
Converted paper product manufacturing	3222	364.1	6	7	9	8	8
Paperboard container manufacturing	32221	194.1	7	8	9	12	10
Corrugated and solid fiber box manufacturing	322211	122.3	9	11	12	15	12
Folding paperboard box manufacturing	322212	38.2	18	17	15	35	24
Fiber can, tube, drum, and similar products manufacturing	322214	12.8	32	34	29	48	39
Nonfolding sanitary food container manufacturing	322215	15.2	14	17	11	21	17
Paper bag and coated and treated paper manufacturing	32222	77.8	15	18	21	19	18
Coated and laminated packaging paper and plastics film manufacturing	322221	16.9	37	36	43	35	43
Coated and laminated paper manufacturing	322222	33.3	25	33	41	28	24
Uncoated paper and multiwall bag manufacturing	322224	13.3	29	25	19	52	39
Stationery product manufacturing	32223	37.4	22	23	31	22	30
Envelope manufacturing	322232	19.7	41	46	55	42	52
Other converted paper product manufacturing	32229	54.8	15	17	22	13	15
Sanitary paper product manufacturing	322291	35.5	12	15	24	10	9
All other converted paper product manufacturing	322299	19.3	22	24	29	23	24
Printing and related support activities	323	672.3	6	7	8	9	8
Printing and related support activities	3231	672.3	6	7	8	9	8
Printing	32311	615.6	5	6	6	9	6
Commercial lithographic printing	323110	267.3	9	10	9	15	9
Commercial gravure printing	323111	17.3	12	10	20	16	19
Commercial flexographic printing	323112	41.3	14	17	22	20	18
Commercial screen printing	323113	64.9	18	21	28	26	26
Quick printing	323114	71.9	19	24	32	28	36
Digital printing	323115	18.2	38	35	34	45	46
Manifold business forms printing	323116	41.9	9	14	19	26	16
Books printing	323117	34.2	10	11	16	14	11
Blankbook, looseleaf binders, and devices manufacturing	323118	11.2	25	18	18	29	37

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Other commercial printing	323119	47.4	12	17	20	18	19
Tradebinding and related work	323121	22.7	24	31	35	32	42
Petroleum and coal products manufacturing	324	115.5	14	17	17	24	15
Petroleum and coal products manufacturing	3241	115.5	14	17	17	24	15
Petroleum refineries	32411	71.4	21	29	30	39	16
Asphalt paving, roofing, and saturated materials manufacturing	32412	28.2	19	19	23	30	33
Asphalt paving mixture and block manufacturing	324121	14.5	29	24	20	64	50
Asphalt shingle and coating materials manufacturing	324122	13.7	24	29	49	26	39
Other petroleum and coal products manufacturing	32419	15.9	26	27	27	45	28
Petroleum lubricating oil and grease manufacturing	324191	10.3	47	42	42	76	60
All other petroleum and coal products manufacturing	324199	5.6	(⁵)	21	6	49	(⁵)
Chemical manufacturing	325	905.5	5	5	7	6	6
Basic chemical manufacturing	3251	162.5	12	14	20	16	14
Petrochemical manufacturing	32511	32.1	12	12	24	13	18
Industrial gas manufacturing	32512	22.4	23	26	33	36	54
Synthetic dye and pigment manufacturing	32513	20.0	47	49	65	53	57
Inorganic dye and pigment manufacturing	325131	11.5	76	69	87	76	—
Other basic inorganic chemical manufacturing	32518	45.9	22	23	31	24	24
Alkalies and chlorine manufacturing	325181	8.5	19	23	19	27	14
All other basic inorganic chemical manufacturing	325188	35.2	29	31	38	31	31
Other basic organic chemical manufacturing	32519	42.1	22	25	43	26	25
All other basic organic chemical manufacturing	325199	34.3	29	29	42	32	34
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing	3252	111.3	11	13	14	17	16
Resin and synthetic rubber manufacturing	32521	74.1	16	18	19	25	19
Plastics material and resin manufacturing	325211	60.6	15	19	22	26	21
Synthetic rubber manufacturing	325212	13.5	44	42	41	51	50
Artificial and synthetic fibers and filaments manufacturing	32522	37.2	12	15	11	19	23
Cellulosic organic fiber manufacturing	325221	10.9	6	7	8	7	8
Noncellulosic organic fiber manufacturing	325222	26.3	17	20	15	24	33
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	41.8	—	33	37	34	33
Fertilizer manufacturing	32531	24.7	21	24	30	24	25
Phosphatic fertilizer manufacturing	325312	8.1	39	42	69	27	38
Pesticide and other agricultural chemical manufacturing	32532	17.1	82	81	91	77	87
Pharmaceutical and medicine manufacturing	3254	291.8	11	11	13	13	13
Pharmaceutical and medicine manufacturing	32541	291.8	11	11	13	13	13
Medicinal and botanical manufacturing	325411	23.8	9	14	17	21	28
Pharmaceutical preparation manufacturing	325412	228.3	6	8	13	9	8

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
In-vitro diagnostic substance manufacturing	325413	14.0	16	17	33	25	19
Paint, coating, and adhesive manufacturing	3255	69.8	14	13	15	20	25
Paint and coating manufacturing	32551	45.9	18	16	18	28	32
Adhesive manufacturing	32552	23.9	18	19	28	26	29
Soap, cleaning compound, and toilet preparation manufacturing	3256	117.2	7	9	10	14	10
Soap and cleaning compound manufacturing	32561	62.5	13	18	20	24	12
Soap and other detergent manufacturing	325611	28.6	15	18	18	21	18
Polish and other sanitation good manufacturing	325612	27.8	28	35	42	47	22
Toilet preparation manufacturing	32562	54.7	6	3	10	12	17
Other chemical product and preparation manufacturing	3259	111.0	9	13	21	12	11
Explosives manufacturing	32592	5.9	43	47	43	61	49
All other chemical product and preparation manufacturing	32599	92.1	11	15	25	13	12
Custom compounding of purchased resins	325991	22.3	15	20	28	27	18
Photographic film, paper, plate, and chemical manufacturing	325992	33.3	14	12	14	16	27
All other miscellaneous chemical product and preparation manufacturing	325998	36.5	9	28	68	19	15
Plastics and rubber products manufacturing	326	814.6	3	4	5	5	4
Plastics product manufacturing	3261	637.7	4	5	6	7	5
Unsupported plastics film, sheet, and bag manufacturing	32611	88.3	14	14	18	17	19
Unsupported plastics bag manufacturing	326111	26.3	12	16	24	28	18
Unsupported plastics film and sheet (except packaging) manufacturing	326113	55.9	—	20	25	22	28
Plastics pipe, pipe fitting, and unsupported profile shape manufacturing	32612	57.7	12	12	17	17	18
Unsupported plastics profile shape manufacturing	326121	28.1	16	17	27	22	18
Plastics pipe and pipe fitting manufacturing	326122	29.6	16	17	20	24	29
Laminated plastics plate, sheet, and shape manufacturing	32613	20.8	16	15	28	15	21
Polystyrene foam product manufacturing	32614	28.8	11	11	29	20	17
Urethane and other foam product (except polystyrene) manufacturing	32615	31.6	19	25	22	31	23
Plastics bottle manufacturing	32616	36.3	9	13	19	16	14
Other plastics product manufacturing	32619	374.2	5	7	7	9	7
Resilient floor covering manufacturing	326192	5.9	24	21	31	23	52
All other plastics product manufacturing	326199	345.8	5	6	7	9	7
Rubber product manufacturing	3262	176.9	5	6	7	8	6
Tire manufacturing	32621	72.0	5	5	7	6	7
Tire manufacturing (except retreading)	326211	64.3	3	4	7	4	2
Rubber and plastics hoses and belting manufacturing	32622	27.9	5	16	26	18	(⁵)

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Other rubber product manufacturing	32629	76.9	10	10	11	14	12
Rubber product manufacturing for mechanical use	326291	46.7	11	12	15	16	11
All other rubber product manufacturing	326299	30.3	18	18	17	25	27
Nonmetallic mineral product manufacturing	327	496.0	4	4	5	6	5
Clay product and refractory manufacturing	3271	66.6	8	10	13	14	10
Pottery, ceramics, and plumbing fixture manufacturing	32711	32.0	15	18	20	22	15
Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing	327111	8.7	24	26	41	25	23
Vitreous china, fine earthenware, and other pottery product manufacturing	327112	16.9	24	32	29	42	26
Porcelain electrical supply manufacturing	327113	6.5	22	25	29	29	24
Clay building material and refractories manufacturing	32712	34.6	8	10	18	13	13
Brick and structural clay tile manufacturing	327121	13.0	8	15	31	22	14
Glass and glass product manufacturing	3272	116.0	5	6	7	7	7
Glass and glass product manufacturing	32721	116.0	5	6	7	7	7
Flat glass manufacturing	327211	13.6	(⁵)	12	31	10	(⁵)
Other pressed and blown glass and glassware manufacturing	327212	27.6	7	8	11	9	7
Glass container manufacturing	327213	20.0	11	12	13	16	13
Glass product manufacturing made of purchased glass	327215	54.9	9	11	12	15	12
Cement and concrete product manufacturing	3273	225.1	6	7	8	9	9
Ready-mix concrete manufacturing	32732	116.3	8	10	10	16	10
Concrete pipe, brick, and block manufacturing	32733	32.1	11	14	16	17	15
Concrete block and brick manufacturing	327331	20.7	17	21	19	31	21
Concrete pipe manufacturing	327332	11.4	(⁵)	9	27	9	15
Other concrete product manufacturing	32739	60.2	11	11	14	14	19
Lime and gypsum product manufacturing	3274	18.8	15	36	46	37	12
Gypsum product manufacturing	32742	14.7	14	31	42	32	14
Other nonmetallic mineral product manufacturing	3279	69.5	13	14	15	24	15
Abrasive product manufacturing	32791	11.9	30	34	28	48	33
All other nonmetallic mineral product manufacturing	32799	57.6	14	15	17	28	16
Cut stone and stone product manufacturing	327991	22.6	21	27	27	41	25
Mineral wool manufacturing	327993	19.6	24	26	24	48	24
Primary metal manufacturing	331	474.5	5	5	5	7	7
Iron and steel mills and ferroalloy manufacturing	3311	101.5	8	18	11	—	5
Iron and steel mills and ferroalloy manufacturing	33111	101.5	8	18	11	—	5
Iron and steel mills	331111	98.4	9	—	11	—	5
Steel product manufacturing from purchased steel	3312	59.6	17	18	19	23	18
Iron and steel pipe and tube manufacturing from purchased steel	33121	26.1	8	15	18	39	14

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Rolling and drawing of purchased steel	33122	33.6	—	—	28	27	26
Rolled steel shape manufacturing	331221	24.6	—	23	26	24	24
Alumina and aluminum production and processing	3313	74.9	13	13	14	14	15
Alumina and aluminum production and processing	33131	74.9	13	13	14	14	15
Primary aluminum production	331312	14.1	17	12	25	6	25
Aluminum sheet, plate, and foil manufacturing	331315	16.7	9	9	15	11	10
Nonferrous metal (except aluminum) production and processing	3314	73.3	6	8	10	8	8
Nonferrous metal (except aluminum) smelting and refining	33141	10.8	17	19	35	16	16
Primary smelting and refining of nonferrous metal (except copper and aluminum)	331419	8.9	22	23	33	21	23
Copper rolling, drawing, extruding, and alloying	33142	39.1	9	11	16	10	11
Copper rolling, drawing, and extruding	331421	16.5	11	14	17	16	17
Copper wire (except mechanical) drawing	331422	21.1	11	10	13	11	15
Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	33149	23.4	8	11	14	16	16
Foundries	3315	165.2	8	6	7	8	12
Ferrous metal foundries	33151	91.8	10	6	10	10	16
Iron foundries	331511	61.8	13	4	13	7	—
Steel investment foundries	331512	12.2	21	35	19	49	13
Steel foundries (except investment)	331513	17.7	11	17	17	24	12
Nonferrous metal foundries	33152	73.4	7	9	10	12	9
Aluminum die-casting foundries	331521	31.2	10	14	16	18	12
Aluminum foundries (except die-casting)	331524	20.6	11	17	19	20	11
Fabricated metal product manufacturing	332	1,476.2	3	3	4	4	3
Forging and stamping	3321	108.2	9	10	11	14	12
Forging and stamping	33211	108.2	9	10	11	14	12
Iron and steel forging	332111	24.5	12	15	13	25	18
Custom roll forming	332114	6.3	79	78	81	77	82
Metal stamping	332116	56.8	12	14	20	18	17
Powder metallurgy part manufacturing	332117	10.2	20	13	15	35	35
Cutlery and handtool manufacturing	3322	60.3	17	15	20	16	—
Cutlery and handtool manufacturing	33221	60.3	17	15	20	16	—
Cutlery and flatware (except precious) manufacturing	332211	9.8	37	19	24	21	47
Hand and edge tool manufacturing	332212	39.6	18	25	35	23	24
Architectural and structural metals manufacturing	3323	379.6	6	7	7	9	6
Plate work and fabricated structural product manufacturing	33231	162.9	10	12	10	17	10
Prefabricated metal building and component manufacturing	332311	30.3	14	15	22	24	17
Fabricated structural metal manufacturing	332312	88.6	13	17	13	—	12

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Plate work manufacturing	332313	44.0	12	17	19	21	16
Ornamental and architectural metal products manufacturing	33232	216.8	6	7	9	11	7
Metal window and door manufacturing	332321	82.3	7	8	12	10	10
Sheet metal work manufacturing	332322	96.5	10	12	14	15	11
Ornamental and architectural metal work manufacturing	332323	37.9	17	20	16	31	21
Boiler, tank, and shipping container manufacturing	3324	91.3	10	11	12	15	11
Power boiler and heat exchanger manufacturing	33241	19.8	21	25	26	42	24
Metal tank (heavy gauge) manufacturing	33242	23.3	22	25	27	37	23
Metal can, box, and other metal container (light gauge) manufacturing	33243	48.3	12	14	14	17	14
Metal can manufacturing	332431	24.9	10	14	25	12	11
Other metal container manufacturing	332439	23.3	22	24	18	33	28
Hardware manufacturing	3325	39.3	7	7	16	11	15
Hardware manufacturing	33251	39.3	7	7	16	11	15
Spring and wire product manufacturing	3326	64.9	12	13	14	18	15
Spring and wire product manufacturing	33261	64.9	12	13	14	18	15
Spring (light gauge) manufacturing	332612	12.2	25	28	39	42	39
Other fabricated wire product manufacturing	332618	48.3	13	15	17	20	17
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	308.9	6	8	12	10	7
Machine shops	33271	223.8	7	11	15	14	8
Turned product and screw, nut, and bolt manufacturing	33272	85.1	9	11	18	12	12
Precision turned product manufacturing	332721	42.3	12	15	21	16	17
Bolt, nut, screw, rivet, and washer manufacturing	332722	42.9	13	13	25	17	17
Coating, engraving, heat treating, and allied activities	3328	142.1	8	9	12	12	13
Coating, engraving, heat treating, and allied activities	33281	142.1	8	9	12	12	13
Metal heat treating	332811	17.9	15	23	27	22	35
Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	332812	49.2	14	12	20	15	21
Electroplating, plating, polishing, anodizing, and coloring	332813	75.0	12	14	16	21	16
Other fabricated metal product manufacturing	3329	281.5	6	6	7	8	7
Metal valve manufacturing	33291	99.4	11	10	12	13	15
Industrial valve manufacturing	332911	24.0	—	23	20	29	41
Fluid power valve and hose fitting manufacturing	332912	37.0	18	14	20	17	29
Plumbing fixture fitting and trim manufacturing	332913	16.4	6	10	21	10	12
Other metal valve and pipe fitting manufacturing	332919	22.0	14	14	17	23	16
All other fabricated metal product manufacturing	33299	182.1	6	7	9	10	7
Ball and roller bearing manufacturing	332991	35.1	12	10	12	13	15

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Small arms ammunition manufacturing	332992	7.5	16	14	25	17	19
Ammunition (except small arms) manufacturing	332993	18.6	10	13	14	20	13
Small arms manufacturing	332994	9.7	15	17	14	24	23
Other ordnance and accessories manufacturing	332995	4.0	37	76	73	95	31
Fabricated pipe and pipe fitting manufacturing	332996	27.7	16	16	25	24	23
Enameled iron and metal sanitary ware manufacturing	332998	13.2	3	9	6	13	8
All other miscellaneous fabricated metal product manufacturing	332999	60.3	10	13	12	17	12
Machinery manufacturing	333	1,145.8	3	3	5	4	5
Agriculture, construction, and mining machinery manufacturing	3331	188.7	6	8	12	8	7
Agricultural implement manufacturing	33311	75.9	8	8	17	9	11
Farm machinery and equipment manufacturing	333111	54.7	10	10	21	13	14
Lawn and garden tractor and home lawn and garden equipment manufacturing	333112	21.2	7	9	28	7	9
Construction machinery manufacturing	33312	58.4	10	16	21	13	10
Mining and oil and gas field machinery manufacturing	33313	54.4	14	15	16	23	19
Mining machinery and equipment manufacturing	333131	11.0	18	21	22	34	25
Oil and gas field machinery and equipment manufacturing	333132	43.4	19	19	22	28	24
Industrial machinery manufacturing	3332	121.4	9	13	22	15	11
Other industrial machinery manufacturing	33329	98.2	11	15	24	17	13
Printing machinery and equipment manufacturing	333293	14.1	9	14	14	31	19
Food product machinery manufacturing	333294	19.5	15	16	26	23	24
Semiconductor machinery manufacturing	333295	16.6	76	72	73	75	81
All other industrial machinery manufacturing	333298	27.8	19	31	44	29	24
Commercial and service industry machinery manufacturing	3333	118.2	18	12	12	14	—
Commercial and service industry machinery manufacturing	33331	118.2	18	12	12	14	—
Automatic vending machine manufacturing	333311	6.3	19	25	53	22	8
Commercial laundry, drycleaning, and pressing machine manufacturing	333312	3.6	11	16	26	25	16
Office machinery manufacturing	333313	11.6	19	21	27	24	21
Optical instrument and lens manufacturing	333314	22.8	17	19	26	17	28
Photographic and photocopying equipment manufacturing	333315	17.3	20	24	35	29	21
Other commercial and service industry machinery manufacturing	333319	56.6	—	18	18	23	—
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	156.7	5	6	10	10	6
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	33341	156.7	5	6	10	10	6
Air purification equipment manufacturing	333411	18.1	22	28	28	37	24
Industrial and commercial fan and blower manufacturing	333412	11.1	27	28	33	31	37

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Heating equipment (except warm air furnaces) manufacturing	333414	19.9	3	10	33	14	11
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	333415	107.6	4	6	12	12	6
Metalworking machinery manufacturing	3335	203.4	10	11	12	14	13
Metalworking machinery manufacturing	33351	203.4	10	11	12	14	13
Industrial mold manufacturing	333511	43.2	—	16	17	26	—
Machine tool (metal cutting types) manufacturing	333512	26.8	16	18	21	25	22
Machine tool (metal forming types) manufacturing	333513	13.0	28	43	50	41	25
Special die and tool, die set, jig, and fixture manufacturing	333514	79.1	—	18	19	21	—
Cutting tool and machine tool accessory manufacturing	333515	28.7	20	26	27	41	23
Engine, turbine, and power transmission equipment manufacturing	3336	93.8	7	9	10	13	8
Engine, turbine, and power transmission equipment manufacturing	33361	93.8	7	9	10	13	8
Turbine and turbine generator set units manufacturing	333611	19.8	22	17	22	18	40
Speed changer, industrial high-speed drive, and gear manufacturing	333612	12.9	16	21	20	34	23
Mechanical power transmission equipment manufacturing	333613	16.6	22	18	20	27	36
Other engine equipment manufacturing	333618	44.4	8	14	15	19	4
Other general purpose machinery manufacturing	3339	263.7	6	7	7	10	7
Pump and compressor manufacturing	33391	50.7	13	15	19	19	16
Pump and pumping equipment manufacturing	333911	28.0	17	19	25	23	21
Air and gas compressor manufacturing	333912	19.9	16	15	27	18	21
Material handling equipment manufacturing	33392	74.1	7	8	11	11	10
Conveyor and conveying equipment manufacturing	333922	30.3	9	12	17	26	13
Overhead traveling crane, hoist, and monorail system manufacturing	333923	12.5	13	14	16	17	21
Industrial truck, tractor, trailer, and stacker machinery manufacturing	333924	22.2	12	15	21	17	17
All other general purpose machinery manufacturing	33399	139.0	11	12	9	17	12
Power-driven handtool manufacturing	333991	14.4	36	52	51	54	29
Welding and soldering equipment manufacturing	333992	13.9	20	30	25	35	15
Packaging machinery manufacturing	333993	18.1	17	24	29	29	18
Industrial process furnace and oven manufacturing	333994	12.3	—	48	31	56	27
Fluid power cylinder and actuator manufacturing	333995	15.6	14	14	15	19	23
Fluid power pump and motor manufacturing	333996	20.7	11	14	19	18	12
All other miscellaneous general purpose machinery manufacturing	333999	39.6	15	14	18	19	21
Computer and electronic product manufacturing	334	1,354.0	6	6	7	7	7
Computer and peripheral equipment manufacturing	3341	222.1	—	18	20	18	—

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Computer and peripheral equipment manufacturing	33411	222.1	–	18	20	18	–
Electronic computer manufacturing	334111	122.1	–	29	30	28	–
Computer storage device manufacturing	334112	30.9	55	59	–	35	52
Computer terminal manufacturing	334113	17.6	80	97	61	–	69
Communications equipment manufacturing	3342	153.9	18	20	24	22	19
Telephone apparatus manufacturing	33421	49.8	28	33	32	44	30
Radio and television broadcasting and wireless communications equipment manufacturing	33422	77.3	19	20	27	21	26
Audio and video equipment manufacturing	3343	37.7	19	22	32	19	21
Semiconductor and other electronic component manufacturing	3344	460.8	8	9	11	9	9
Semiconductor and other electronic component manufacturing	33441	460.8	8	9	11	9	9
Bare printed circuit board manufacturing	334412	66.3	14	16	23	15	17
Semiconductor and related device manufacturing	334413	225.4	10	12	15	14	10
Electronic capacitor manufacturing	334414	9.3	19	22	32	30	30
Electronic connector manufacturing	334417	15.0	49	44	59	34	58
Printed circuit assembly (electronic assembly) manufacturing	334418	48.7	–	74	93	62	65
Other electronic component manufacturing	334419	65.9	14	14	19	20	24
Navigational, measuring, electromedical, and control instruments manufacturing	3345	430.7	10	13	13	16	11
Navigational, measuring, electromedical, and control instruments manufacturing	33451	430.7	10	13	13	16	11
Electromedical and electrotherapeutic apparatus manufacturing	334510	55.5	19	26	34	36	40
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	334511	145.7	15	20	20	22	14
Automatic environmental control manufacturing for residential, commercial, and appliance use	334512	30.7	21	24	18	30	34
Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	334513	57.7	27	36	35	46	25
Totalizing fluid meter and counting device manufacturing	334514	15.0	34	40	55	42	57
Instrument manufacturing for measuring and testing electricity and electrical signals	334515	46.5	50	40	40	42	74
Analytical laboratory instrument manufacturing	334516	32.1	17	35	35	38	7
Irradiation apparatus manufacturing	334517	11.3	8	8	18	13	14
Other measuring and controlling device manufacturing	334519	29.1	22	27	38	27	21
Manufacturing and reproducing magnetic and optical media	3346	48.7	25	23	26	29	32
Manufacturing and reproducing magnetic and optical media	33461	48.7	25	23	26	29	32
Prerecorded compact disc (except software), tape, and record reproducing	334612	23.7	15	12	20	19	24

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Electrical equipment, appliance, and component manufacturing	335	457.8	5	5	7	6	5
Electric lighting equipment manufacturing	3351	67.2	16	17	28	15	21
Electric lamp bulb and part manufacturing	33511	15.6	37	40	39	74	39
Lighting fixture manufacturing	33512	51.6	18	18	32	13	24
Residential electric lighting fixture manufacturing	335121	15.9	26	23	31	23	51
Commercial, industrial, and institutional electric lighting fixture manufacturing	335122	24.5	26	29	64	18	27
Other lighting equipment manufacturing	335129	11.2	50	45	91	34	72
Household appliance manufacturing	3352	92.6	4	5	6	5	6
Small electrical appliance manufacturing	33521	21.8	17	19	17	23	22
Electric housewares and household fan manufacturing	335211	13.6	22	20	21	21	32
Household vacuum cleaner manufacturing	335212	8.2	30	36	23	66	28
Major appliance manufacturing	33522	70.8	2	3	4	4	4
Household cooking appliance manufacturing	335221	18.9	6	(⁵)	19	6	17
Household refrigerator and home freezer manufacturing	335222	22.9	(⁵)	(⁵)	3	(⁵)	3
Electrical equipment manufacturing	3353	158.9	8	9	10	10	8
Electrical equipment manufacturing	33531	158.9	8	9	10	10	8
Power, distribution, and specialty transformer manufacturing	335311	27.0	18	19	23	20	20
Motor and generator manufacturing	335312	53.3	13	15	15	19	13
Switchgear and switchboard apparatus manufacturing	335313	33.8	11	11	18	13	16
Relay and industrial control manufacturing	335314	44.9	21	28	31	31	20
Other electrical equipment and component manufacturing	3359	139.1	10	11	13	13	12
Primary battery manufacturing	335912	12.0	15	19	24	19	11
Communication and energy wire and cable manufacturing	33592	22.1	34	31	35	34	49
Other communication and energy wire manufacturing	335929	11.2	25	23	27	34	39
Wiring device manufacturing	33593	57.3	12	15	13	18	15
Current-carrying wiring device manufacturing	335931	44.4	15	18	16	21	18
Noncurrent-carrying wiring device manufacturing	335932	12.9	15	18	21	23	22
All other electrical equipment and component manufacturing	33599	31.6	26	31	40	31	28
All other miscellaneous electrical equipment and component manufacturing	335999	24.7	38	46	53	52	35
Transportation equipment manufacturing	336	1,753.7	3	4	4	4	3
Motor vehicle manufacturing	3361	258.1	1	1	1	1	2
Automobile and light duty motor vehicle manufacturing	33611	227.3	1	1	2	1	2
Automobile manufacturing	336111	150.5	2	2	3	1	4
Light truck and utility vehicle manufacturing	336112	76.8	1	1	(⁵)	1	1
Motor vehicle body and trailer manufacturing	3362	152.8	8	10	12	11	8
Motor vehicle body and trailer manufacturing	33621	152.8	8	10	12	11	8

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Motor vehicle body manufacturing	336211	62.5	9	9	11	14	11
Truck trailer manufacturing	336212	30.8	9	11	15	15	11
Motor home manufacturing	336213	19.6	12	48	59	45	(⁵)
Travel trailer and camper manufacturing	336214	39.9	—	—	31	23	—
Motor vehicle parts manufacturing	3363	699.7	7	8	9	10	7
Motor vehicle gasoline engine and engine parts manufacturing	33631	85.5	11	13	15	15	12
Carburetor, piston, piston ring, and valve manufacturing	336311	17.5	12	16	27	17	14
Gasoline engine and engine parts manufacturing	336312	68.0	14	15	17	17	14
Motor vehicle electrical and electronic equipment manufacturing	33632	100.8	(⁵)	(⁵)	10	17	(⁵)
Other motor vehicle electrical and electronic equipment manufacturing	336322	83.6	(⁵)	(⁵)	9	23	(⁵)
Motor vehicle steering and suspension components (except spring) manufacturing	33633	43.8	5	8	8	12	10
Motor vehicle brake system manufacturing	33634	45.9	—	—	46	—	—
Motor vehicle transmission and power train parts manufacturing	33635	89.5	17	18	23	17	16
Motor vehicle seating and interior trim manufacturing	33636	61.1	—	—	38	—	26
Motor vehicle metal stamping	33637	100.1	14	—	16	—	7
Other motor vehicle parts manufacturing	33639	173.0	5	9	18	8	11
Motor vehicle air-conditioning manufacturing	336391	13.7	5	4	6	4	7
All other motor vehicle parts manufacturing	336399	159.3	6	10	18	9	12
Aerospace product and parts manufacturing	3364	438.1	3	3	5	4	4
Aerospace product and parts manufacturing	33641	438.1	3	3	5	4	4
Aircraft manufacturing	336411	207.2	1	1	2	2	1
Aircraft engine and engine parts manufacturing	336412	80.9	13	17	29	17	14
Other aircraft parts and auxiliary equipment manufacturing	336413	80.2	6	8	9	14	10
Guided missile and space vehicle manufacturing	336414	50.8	13	15	20	13	11
Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	336415	12.4	8	10	(⁵)	24	6
Railroad rolling stock manufacturing	3365	22.9	(⁵)	12	17	23	14
Ship and boat building	3366	143.8	4	4	5	6	5
Ship and boat building	33661	143.8	4	4	5	6	5
Ship building and repairing	336611	90.8	6	6	6	7	7
Boat building	336612	53.0	4	5	9	11	9
Other transportation equipment manufacturing	3369	38.3	13	11	11	15	20
Other transportation equipment manufacturing	33699	38.3	13	11	11	15	20
Motorcycle, bicycle, and parts manufacturing	336991	18.5	23	19	20	24	31
Furniture and related product manufacturing	337	570.3	3	4	6	5	6

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Household and institutional furniture and kitchen cabinet manufacturing	3371	380.5	4	5	8	7	7
Wood kitchen cabinet and countertop manufacturing	33711	153.0	7	7	9	11	15
Household and institutional furniture manufacturing	33712	227.6	6	7	14	8	7
Upholstered household furniture manufacturing	337121	85.8	7	10	13	11	11
Nonupholstered wood household furniture manufacturing	337122	93.7	11	13	24	12	11
Metal household furniture manufacturing	337124	10.2	25	22	28	23	32
Institutional furniture manufacturing	337127	28.9	12	10	18	19	19
Office furniture (including fixtures) manufacturing	3372	138.2	7	7	9	10	8
Office furniture (including fixtures) manufacturing	33721	138.2	7	7	9	10	8
Wood office furniture manufacturing	337211	25.7	22	22	27	25	28
Custom architectural woodwork and millwork manufacturing	337212	14.3	13	18	34	25	31
Office furniture (except wood) manufacturing	337214	28.6	11	11	17	12	15
Showcase, partition, shelving, and locker manufacturing	337215	69.6	9	11	12	15	10
Other furniture related product manufacturing	3379	51.6	7	8	15	12	14
Mattress manufacturing	33791	30.2	8	10	19	16	17
Blind and shade manufacturing	33792	21.4	6	10	27	9	17
Miscellaneous manufacturing	339	663.6	5	5	7	7	9
Medical equipment and supplies manufacturing	3391	302.7	6	8	12	8	9
Medical equipment and supplies manufacturing	33911	302.7	6	8	12	8	9
Laboratory apparatus and furniture manufacturing	339111	14.8	27	28	26	35	39
Surgical and medical instrument manufacturing	339112	104.3	7	11	16	11	13
Surgical appliance and supplies manufacturing	339113	88.0	11	16	23	16	13
Ophthalmic goods manufacturing	339115	31.8	13	13	18	15	23
Dental laboratories	339116	48.3	39	75	84	80	36
Other miscellaneous manufacturing	3399	360.9	6	6	8	9	13
Jewelry and silverware manufacturing	33991	46.4	13	12	13	18	18
Jewelry (except costume) manufacturing	339911	30.7	18	16	16	30	26
Silverware and hollowware manufacturing	339912	2.8	15	14	22	11	17
Sporting and athletic goods manufacturing	33992	59.6	11	14	15	19	15
Doll, toy, and game manufacturing	33993	20.9	12	15	16	20	16
Doll and stuffed toy manufacturing	339931	3.2	37	(⁶)	(⁶)	(⁶)	44
Game, toy, and children's vehicle manufacturing	339932	17.8	11	14	14	19	17
Office supplies (except paper) manufacturing	33994	27.5	16	22	23	29	19
Pen and mechanical pencil manufacturing	339941	6.9	40	53	47	57	33
Lead pencil and art good manufacturing	339942	10.4	16	18	33	26	32
Sign manufacturing	33995	69.3	19	19	24	31	—
All other miscellaneous manufacturing	33999	137.3	6	8	11	12	9

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Gasket, packing, and sealing device manufacturing	339991	37.0	10	14	18	18	12
Musical instrument manufacturing	339992	14.3	16	17	23	27	24
Fastener, button, needle, and pin manufacturing	339993	7.0	20	26	33	27	32
All other miscellaneous manufacturing	339999	60.5	9	13	20	21	16
Service providing		83,394.6	1	1	1	2	1
Trade, transportation, and utilities		25,041.8	1	1	1	2	1
Wholesale trade	42	5,589.0	2	3	3	5	3
Merchant wholesalers, durable goods	423	2,929.2	4	4	4	8	5
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	339.4	8	9	10	14	14
Furniture and home furnishing merchant wholesalers	4232	110.2	16	15	18	27	26
Lumber and other construction materials merchant wholesalers	4233	228.4	9	9	13	14	14
Professional and commercial equipment and supplies merchant wholesalers	4234	646.6	11	12	12	17	14
Electrical goods merchant wholesalers	4236	346.6	12	12	16	18	14
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	229.3	9	12	15	—	11
Machinery, equipment, and supplies merchant wholesalers	4238	645.3	5	6	8	10	7
Miscellaneous durable goods merchant wholesalers	4239	264.2	12	13	15	18	15
Merchant wholesalers, nondurable goods	424	1,998.4	3	4	4	5	5
Paper and paper product merchant wholesalers	4241	153.4	12	14	18	20	20
Drugs and druggists' sundries merchant wholesalers	4242	213.5	13	—	17	30	—
Apparel, piece goods, and notions merchant wholesalers	4243	148.8	—	—	21	26	—
Grocery and related product merchant wholesalers	4244	677.3	4	4	6	7	7
Farm product raw material merchant wholesalers	4245	74.1	—	19	19	45	—
Chemical and allied products merchant wholesalers	4246	130.1	15	18	22	27	20
Petroleum and petroleum products merchant wholesalers	4247	104.9	13	15	15	31	17
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	135.1	8	10	11	16	11
Miscellaneous nondurable goods merchant wholesalers	4249	361.2	8	9	11	12	11
Wholesale electronic markets and agents and brokers	425	661.4	10	16	—	14	11
Wholesale electronic markets and agents and brokers	4251	661.4	10	16	—	14	11
Retail trade	44-45	14,930.8	1	2	2	3	2
Motor vehicle and parts dealers	441	1,878.8	3	4	4	8	4
Automobile dealers	4411	1,250.5	4	5	5	10	5

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
New car dealers	44111	1,135.7	4	5	5	10	5
Used car dealers	44112	114.9	—	24	26	46	—
Other motor vehicle dealers	4412	149.4	10	19	21	38	15
Recreational vehicle dealers	44121	35.8	18	21	20	50	23
Motorcycle, boat, and other motor vehicle dealers	44122	113.6	13	25	28	51	20
Automotive parts, accessories, and tire stores	4413	478.8	6	8	9	14	7
Automotive parts and accessories stores	44131	321.9	7	7	8	13	9
Tire dealers	44132	156.9	10	15	18	—	12
Furniture and home furnishings stores	442	547.7	7	6	7	10	11
Furniture stores	4421	283.5	7	7	8	11	13
Home furnishings stores	4422	264.1	11	11	11	22	18
Floor covering stores	44221	100.4	—	21	18	48	—
Other home furnishings stores	44229	163.7	11	11	13	18	15
Electronics and appliance stores	443	517.6	5	6	8	8	6
Electronics and appliance stores	4431	517.6	5	6	8	8	6
Appliance, television, and other electronics stores	44311	336.6	5	7	9	9	6
Computer and software stores	44312	161.0	11	14	16	17	12
Camera and photographic supplies stores	44313	20.0	42	46	53	92	49
Building material and garden equipment and supplies dealers	444	1,190.6	4	4	5	7	5
Building material and supplies dealers	4441	1,041.6	4	4	5	7	5
Home centers	44411	560.1	5	5	6	9	7
Paint and wallpaper stores	44412	41.8	24	28	28	43	35
Hardware stores	44413	164.6	12	18	21	22	14
Other building material dealers	44419	275.0	7	7	9	12	10
Lawn and garden equipment and supplies stores	4442	149.0	11	16	18	24	13
Outdoor power equipment stores	44421	31.1	27	32	33	44	39
Nursery and garden centers	44422	118.0	12	19	22	28	14
Food and beverage stores	445	2,842.4	2	3	4	5	4
Grocery stores	4451	2,454.9	3	3	4	6	4
Supermarkets and other grocery (except convenience) stores	44511	2,309.5	3	3	4	6	4
Convenience stores	44512	145.5	—	31	33	50	—
Specialty food stores	4452	248.9	9	13	17	12	14
Meat markets	44521	50.1	25	31	36	42	36
Fish and seafood markets	44522	14.6	34	35	37	40	46
Fruit and vegetable markets	44523	46.4	14	17	18	20	24
Other specialty food stores	44529	137.8	12	16	22	14	16
Beer, wine, and liquor stores	4453	138.5	17	15	15	22	22
Health and personal care stores	446	935.8	5	6	6	8	6

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Health and personal care stores	4461	935.8	5	6	6	8	6
Pharmacies and drug stores	44611	680.1	5	6	7	8	6
Cosmetics, beauty supplies, and perfume stores	44612	96.9	26	42	31	94	22
Optical goods stores	44613	64.8	26	36	39	(⁶)	31
Other health and personal care stores	44619	93.9	16	19	23	26	19
Gasoline stations	447	879.2	5	7	8	11	7
Gasoline stations	4471	879.2	5	7	8	11	7
Gasoline stations with convenience stores	44711	750.4	6	7	8	12	8
Other gasoline stations	44719	128.7	12	19	25	22	15
Clothing and clothing accessories stores	448	1,309.2	7	6	8	9	11
Clothing stores	4481	962.2	8	7	9	10	12
Men's clothing stores	44811	74.6	28	26	27	48	40
Women's clothing stores	44812	247.3	12	24	26	43	14
Children's and infants' clothing stores	44813	61.9	—	21	22	46	—
Family clothing stores	44814	421.4	10	8	11	11	18
Clothing accessories stores	44815	40.6	30	31	33	(⁶)	32
Other clothing stores	44819	116.4	27	31	32	55	39
Shoe stores	4482	178.1	14	18	23	20	19
Jewelry, luggage, and leather goods stores	4483	168.8	18	25	28	47	23
Jewelry stores	44831	155.7	19	28	31	48	25
Luggage and leather goods stores	44832	13.2	40	51	52	(⁶)	59
Sporting goods, hobby, book, and music stores	451	655.3	5	6	8	7	6
Sporting goods, hobby, and musical instrument stores	4511	440.4	5	6	8	8	7
Sporting goods stores	45111	207.2	8	11	12	14	10
Hobby, toy, and game stores	45112	144.4	6	9	13	11	9
Sewing, needlework, and piece goods stores	45113	54.2	12	15	19	21	14
Musical instrument and supplies stores	45114	34.6	31	23	27	46	41
Book, periodical, and music stores	4512	214.9	12	14	17	18	17
Book stores and news dealers	45121	156.9	12	15	19	20	17
Prerecorded tape, compact disc, and record stores	45122	58.1	27	28	32	30	32
General merchandise stores	452	2,813.4	2	3	4	5	4
Department stores	4521	1,610.5	3	5	6	7	6
Other general merchandise stores	4529	1,202.9	4	5	6	8	7
Warehouse clubs and superstores	45291	891.4	3	5	6	8	6
All other general merchandise stores	45299	311.5	15	17	—	22	19
Miscellaneous store retailers	453	937.5	6	7	9	9	9
Florists	4531	111.3	15	20	24	31	17
Office supplies, stationery, and gift stores	4532	419.3	9	13	14	18	13

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Office supplies and stationery stores	45321	182.1	10	12	11	20	14
Gift, novelty, and souvenir stores	45322	237.2	16	—	24	29	—
Used merchandise stores	4533	108.1	10	12	14	16	18
Other miscellaneous store retailers	4539	298.7	11	13	17	13	17
Pet and pet supplies stores	45391	81.0	18	20	24	21	27
Art dealers	45392	25.0	50	43	51	48	77
Manufactured (mobile) home dealers	45393	28.7	20	21	21	48	24
All other miscellaneous store retailers	45399	164.0	16	—	30	19	20
Nonstore retailers	454	423.4	7	11	11	14	10
Electronic shopping and mail-order houses	4541	214.7	8	9	10	10	14
Vending machine operators	4542	53.6	—	—	29	42	29
Direct selling establishments	4543	155.1	11	15	12	—	14
Fuel dealers	45431	101.2	13	18	14	—	15
Other direct selling establishments	45439	54.0	18	22	20	32	29
Transportation and warehousing	48-49	3,946.2	2	2	2	4	3
Air transportation	481	527.0	7	4	6	5	15
Scheduled air transportation	4811	484.1	7	4	6	4	16
Nonscheduled air transportation	4812	43.0	28	27	24	43	35
Rail transportation	482	—	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Water transportation	483	53.1	—	37	45	47	50
Deep sea, coastal, and Great Lakes water transportation	4831	32.9	36	48	53	—	48
Inland water transportation	4832	20.2	60	48	56	48	83
Truck transportation	484	1,322.4	3	4	4	9	5
General freight trucking	4841	931.4	4	4	5	11	6
General freight trucking, local	48411	230.3	11	14	14	—	14
General freight trucking, long-distance	48412	701.1	4	4	5	11	6
Specialized freight trucking	4842	391.0	7	7	8	20	12
Used household and office goods moving	48421	98.7	13	13	17	—	21
Specialized freight (except used goods) trucking, local	48422	190.5	11	12	13	30	17
Specialized freight (except used goods) trucking, long-distance	48423	101.9	14	12	13	23	—
Transit and ground passenger transportation	485	375.4	8	5	6	9	18
Urban transit systems	4851	36.8	5	8	9	17	9
Interurban and rural bus transportation	4852	21.9	14	14	13	28	20
Taxi and limousine service	4853	66.4	12	16	15	38	22
Taxi service	48531	31.0	14	19	17	35	30
Limousine service	48532	35.4	22	25	26	(⁶)	31
School and employee bus transportation	4854	161.3	—	10	12	18	—

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Charter bus industry	4855	32.7	13	13	14	31	22
Other transit and ground passenger transportation	4859	56.3	17	16	17	21	21
Pipeline transportation	486	40.3	25	31	30	54	24
Pipeline transportation of natural gas	4862	27.9	31	36	35	57	29
Scenic and sightseeing transportation	487	26.7	46	41	40	66	53
Support activities for transportation	488	513.2	5	6	7	11	6
Support activities for air transportation	4881	133.7	10	12	11	20	11
Support activities for water transportation	4883	92.7	6	8	9	28	8
Support activities for road transportation	4884	71.5	13	16	18	26	16
Motor vehicle towing	48841	44.1	22	26	28	49	30
Other support activities for road transportation	48849	27.4	12	14	14	27	17
Freight transportation arrangement	4885	166.3	12	12	14	16	16
Other support activities for transportation	4889	28.8	19	20	21	30	22
Couriers and messengers	492	565.1	3	4	5	5	5
Couriers	4921	517.6	3	4	5	5	5
Warehousing and storage	493	519.6	4	5	6	8	6
Warehousing and storage	4931	519.6	4	5	6	8	6
General warehousing and storage	49311	431.3	4	5	7	8	7
Refrigerated warehousing and storage	49312	41.9	16	18	16	—	11
Other warehousing and storage	49319	37.8	9	10	15	15	12
Utilities	22	575.9	5	6	8	7	6
Utilities	221	575.9	5	6	8	7	6
Electric power generation, transmission and distribution	2211	417.6	5	5	9	7	7
Electric power generation	22111	255.1	7	7	11	9	10
Electric power transmission, control, and distribution	22112	162.6	8	9	15	10	10
Natural gas distribution	2212	111.2	15	17	23	18	16
Water, sewage and other systems	2213	47.0	14	17	23	28	17
Water supply and irrigation systems	22131	36.5	18	22	29	36	22
Information		3,180.8	9	10	8	16	10
Information	51	3,180.8	9	10	8	16	10
Publishing industries (except Internet)	511	929.5	8	9	9	10	10
Newspaper, periodical, book, and directory publishers	5111	692.2	7	7	8	8	9
Newspaper publishers	51111	382.6	5	6	7	8	7
Periodical publishers	51112	148.9	32	34	33	41	32
Book publishers	51113	80.9	—	34	63	24	39

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Directory and mailing list publishers	51114	48.0	29	44	35	89	25
Other publishers	51119	31.8	40	20	26	24	51
Software publishers	5112	237.3	—	92	67	—	—
Motion picture and sound recording industries	512	368.5	—	—	32	65	—
Motion picture and video industries	5121	343.5	—	34	30	51	—
Motion picture and video production	51211	176.5	26	29	28	40	26
Motion picture and video exhibition	51213	136.6	—	99	82	—	—
Postproduction services and other motion picture and video industries	51219	20.5	44	50	50	(⁶)	44
Broadcasting (except Internet)	515	323.9	20	21	21	27	20
Radio and television broadcasting	5151	238.3	—	40	30	90	29
Television broadcasting	51512	128.7	20	25	18	60	18
Cable and other subscription programming	5152	85.5	18	18	25	21	24
Telecommunications	517	1,079.1	—	—	14	—	—
Wireless telecommunications carriers (except satellite)	5172	189.4	18	17	19	34	25
Telecommunications resellers	5173	158.4	—	—	—	48	—
Satellite telecommunications	5174	17.2	44	45	45	—	44
Cable and other program distribution	5175	132.5	—	—	—	32	—
Internet service providers, web search portals, and data processing services	518	402.2	16	19	19	29	—
Internet service providers and web search portals	5181	121.2	28	38	41	47	34
Data processing, hosting, and related services	5182	281.0	—	21	21	31	—
Other information services	519	48.1	45	46	49	—	87
Other information services	5191	48.1	45	46	49	—	87
Libraries and archives	51912	27.1	64	61	66	—	—
Financial activities		7,826.9	3	4	4	5	4
Finance and insurance	52	5,782.1	4	5	5	9	5
Monetary authorities - central bank	521	22.8	16	16	30	31	20
Credit intermediation and related activities	522	2,780.4	6	7	7	14	8
Depository credit intermediation	5221	1,742.1	7	7	9	14	9
Commercial banking	52211	1,271.4	8	9	11	16	11
Savings institutions	52212	247.9	16	18	20	28	22
Credit unions	52213	203.1	14	18	19	42	18
Other depository credit intermediation	52219	19.7	54	66	54	—	53
Nondepository credit intermediation	5222	746.8	10	10	10	17	13
Credit card issuing	52221	133.3	7	12	11	23	9

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Sales financing	52222	103.5	16	26	27	47	18
Other nondepository credit intermediation	52229	509.9	15	14	15	23	20
Activities related to credit intermediation	5223	291.6	—	44	36	77	27
Financial transactions processing, reserve, and clearinghouse activities	52232	82.9	57	64	54	80	57
Other activities related to credit intermediation	52239	90.9	43	45	38	—	49
Securities, commodity contracts, and other financial investments and related activities	523	757.0	19	17	16	35	24
Securities and commodity contracts intermediation and brokerage	5231	483.0	26	26	28	43	28
Investment banking and securities dealing	52311	165.9	27	35	28	—	25
Securities brokerage	52312	292.3	31	30	42	36	33
Securities and commodity exchanges	5232	9.3	24	27	14	61	33
Other financial investment activities	5239	264.8	28	24	22	53	38
Miscellaneous intermediation	52391	24.2	71	51	56	74	83
Portfolio management	52392	97.2	31	38	37	88	30
Investment advice	52393	95.3	25	49	40	83	29
All other financial investment activities	52399	48.1	34	48	36	89	23
Insurance carriers and related activities	524	2,137.9	6	7	8	12	6
Insurance carriers	5241	1,299.9	7	8	9	13	7
Direct life, health, and medical insurance carriers	52411	661.0	10	12	14	18	10
Direct insurance (except life, health, and medical) carriers	52412	607.3	7	9	10	15	9
Reinsurance carriers	52413	31.6	27	32	36	62	28
Agencies, brokerages, and other insurance related activities	5242	838.1	11	15	16	31	14
Insurance agencies and brokerages	52421	630.5	13	19	21	44	16
Other insurance related activities	52429	207.6	17	23	21	43	19
Funds, trusts, and other financial vehicles	525	83.9	48	50	46	66	48
Insurance and employee benefit funds	5251	47.2	93	79	72	—	—
Other investment pools and funds	5259	36.7	45	56	52	74	41
Real estate and rental and leasing	53	2,044.9	4	5	6	7	6
Real estate	531	1,381.3	5	6	7	9	8
Lessors of real estate	5311	603.0	6	8	10	12	10
Lessors of residential buildings and dwellings	53111	379.0	8	9	11	14	12
Lessors of nonresidential buildings (except miniwarehouses)	53112	147.2	15	—	—	28	20
Lessors of miniwarehouses and self-storage units	53113	34.5	27	30	32	42	37
Lessors of other real estate property	53119	42.4	26	29	33	57	35
Offices of real estate agents and brokers	5312	309.1	—	13	16	18	—
Activities related to real estate	5313	469.2	8	11	13	17	12

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Real estate property managers	53131	393.8	9	11	13	18	12
Offices of real estate appraisers	53132	42.5	48	50	55	84	65
Other activities related to real estate	53139	32.8	33	40	42	50	47
Rental and leasing services	532	637.2	5	7	8	10	7
Automotive equipment rental and leasing	5321	193.0	10	14	12	22	11
Passenger car rental and leasing	53211	132.9	13	—	16	30	15
Truck, utility trailer, and RV (recreational vehicle) rental and leasing	53212	60.2	16	18	19	24	18
Consumer goods rental	5322	281.6	8	13	18	15	10
Consumer electronics and appliances rental	53221	29.0	21	27	39	29	18
Formal wear and costume rental	53222	16.5	25	36	36	(⁶)	27
Video tape and disc rental	53223	153.1	14	22	24	37	14
Other consumer goods rental	53229	82.9	10	13	14	17	18
General rental centers	5323	61.6	13	15	18	19	22
Commercial and industrial machinery and equipment rental and leasing	5324	101.0	13	13	17	20	21
Construction, transportation, mining, and forestry machinery and equipment rental and leasing	53241	53.2	13	16	21	24	21
Office machinery and equipment rental and leasing	53242	10.5	33	35	39	(⁶)	44
Other commercial and industrial machinery and equipment rental and leasing	53249	37.3	23	25	31	37	30
Lessors of nonfinancial intangible assets (except copyrighted works)	533	26.4	88	75	73	—	—
Professional and business services		15,858.5	3	4	4	7	4
Professional, scientific, and technical services	54	6,638.7	5	7	6	13	5
Professional, scientific, and technical services	541	6,638.7	5	7	6	13	5
Legal services	5411	1,146.2	11	18	17	46	12
Accounting, tax preparation, bookkeeping, and payroll services	5412	830.6	18	16	19	22	—
Accounting, tax preparation, bookkeeping, and payroll services	54121	830.6	18	16	19	22	—
Offices of certified public accountants	541211	371.4	26	27	31	54	34
Tax preparation services	541213	88.9	49	53	67	76	52
Other accounting services	541219	232.9	18	23	25	28	20
Architectural, engineering, and related services	5413	1,223.6	8	11	13	17	8
Architectural services	54131	180.7	26	30	31	(⁶)	33
Landscape architectural services	54132	42.1	33	32	24	62	41
Engineering services	54133	760.5	10	16	18	23	11
Drafting services	54134	10.0	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Building inspection services	54135	15.3	39	57	57	(⁶)	47

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Surveying and mapping (except geophysical) services	54137	58.3	22	26	26	47	33
Testing laboratories	54138	143.5	15	19	25	19	18
Specialized design services	5414	121.0	29	38	43	46	34
Computer systems design and related services	5415	1,107.8	9	13	15	18	10
Computer systems design and related services	54151	1,107.8	9	13	15	18	10
Custom computer programming services	541511	489.1	17	24	25	48	19
Computer systems design services	541512	448.0	13	19	19	31	15
Computer facilities management services	541513	57.3	17	26	37	24	16
Other computer related services	541519	113.3	24	28	34	32	29
Management, scientific, and technical consulting services	5416	753.6	17	19	21	32	—
Management consulting services	54161	634.0	18	20	21	34	—
Environmental consulting services	54162	61.8	42	42	55	57	60
Scientific research and development services	5417	534.6	13	—	15	—	13
Advertising and related services	5418	430.1	16	18	21	32	21
Other professional, scientific, and technical services	5419	491.3	11	17	14	—	12
Marketing research and public opinion polling	54191	106.1	23	29	25	46	22
Photographic services	54192	83.4	29	30	43	35	38
Veterinary services	54194	249.9	11	—	15	—	12
All other professional, scientific, and technical services	54199	43.2	38	51	50	60	38
Management of companies and enterprises	55	1,660.1	6	8	11	11	6
Administrative and support and waste management and remediation services	56	7,559.6	5	6	6	10	6
Administrative and support services	561	7,241.4	6	7	7	12	7
Facilities support services	5612	106.6	—	—	—	50	19
Employment services	5613	3,227.3	12	—	13	—	—
Employment placement agencies	56131	264.0	—	—	—	41	34
Employee leasing services	56133	822.9	—	—	—	46	—
Business support services	5614	739.5	15	—	—	61	16
Document preparation services	56141	38.2	51	76	76	(⁶)	26
Telephone call centers	56142	352.6	—	—	—	29	17
Collection agencies	56144	145.1	21	20	20	49	29
Other business support services	56149	86.9	39	49	56	31	30
Travel arrangement and reservation services	5615	236.9	—	—	—	24	20
Travel agencies	56151	121.0	31	40	49	37	35
Tour operators	56152	29.4	22	24	24	34	31
Other travel arrangement and reservation services	56159	86.5	—	—	—	27	20

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Investigation and security services	5616	708.0	11	13	13	18	16
Services to buildings and dwellings	5617	1,627.8	7	8	9	15	9
Exterminating and pest control services	56171	90.7	—	—	—	59	39
Janitorial services	56172	860.0	9	11	10	—	13
Landscaping services	56173	557.5	10	11	13	—	14
Carpet and upholstery cleaning services	56174	46.4	—	37	53	51	—
Other support services	5619	292.1	12	16	—	22	—
Waste management and remediation services	562	318.2	5	6	7	13	8
Waste collection	5621	113.0	7	9	11	—	13
Waste treatment and disposal	5622	106.8	8	10	11	10	9
Remediation and other waste management services	5629	98.4	10	11	13	15	17
Remediation services	56291	61.8	13	15	18	19	16
All other waste management services	56299	28.8	18	20	21	32	29
Education and health services		15,738.0	1	2	2	3	2
Educational services	61	2,016.2	10	15	7	—	8
Educational services	611	2,016.2	10	15	7	—	8
Elementary and secondary schools	6111	555.5	—	—	15	—	15
Junior colleges	6112	41.4	19	30	26	84	21
Colleges, universities, and professional schools	6113	963.1	5	7	5	14	6
Business schools and computer and management training	6114	80.1	22	30	32	60	24
Business and secretarial schools	61141	15.0	30	43	43	(⁶)	40
Computer training	61142	20.9	53	(⁶)	(⁶)	(⁶)	52
Professional and management development training	61143	44.2	30	40	44	61	32
Technical and trade schools	6115	96.6	16	17	21	29	19
Other schools and instruction	6116	220.7	—	34	43	32	—
Fine arts schools	61161	57.2	47	56	42	90	69
Sports and recreation instruction	61162	54.7	—	37	56	35	—
Language schools	61163	14.9	52	47	40	(⁶)	58
All other schools and instruction	61169	94.0	41	54	60	64	31
Health care and social assistance	62	13,721.9	1	1	2	3	2
Ambulatory health care services	621	4,783.4	4	5	5	8	4
Offices of physicians	6211	2,006.6	5	8	8	16	6
Offices of dentists	6212	744.2	17	24	27	50	18
Offices of other health practitioners	6213	505.7	—	—	—	33	23
Outpatient care centers	6214	428.0	11	15	—	19	11

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Medical and diagnostic laboratories	6215	179.7	15	17	20	19	16
Home health care services	6216	723.6	7	7	7	13	9
Other ambulatory health care services	6219	195.5	10	14	13	—	12
Hospitals	622	4,201.3	(⁵)	(⁵)	(⁵)	3	(⁵)
Nursing and residential care facilities	623	2,776.5	2	3	4	4	5
Social assistance	624	1,960.7	5	7	6	11	6
Leisure and hospitality		12,162.2	3	3	4	5	3
Arts, entertainment, and recreation	71	1,816.9	4	4	4	6	6
Performing arts, spectator sports, and related industries	711	383.3	11	10	8	20	13
Performing arts companies	7111	120.0	11	17	22	22	13
Spectator sports	7112	131.0	—	15	10	27	—
Promoters of performing arts, sports, and similar events	7113	72.8	13	13	12	26	15
Independent artists, writers, and performers	7115	44.0	34	36	49	50	45
Museums, historical sites, and similar institutions	712	115.4	15	16	13	30	18
Amusement, gambling, and recreation industries	713	1,318.2	3	5	5	6	7
Amusement parks and arcades	7131	152.9	5	7	12	7	4
Gambling industries	7132	130.9	6	6	8	6	8
Other amusement and recreation industries	7139	1,034.5	5	9	7	17	9
Accommodation and food services	72	10,345.3	3	4	4	7	4
Accommodation	721	1,768.0	4	4	5	7	5
Traveler accommodation	7211	1,705.9	4	4	5	7	5
Hotels (except casino hotels) and motels	72111	1,402.4	4	5	5	9	5
Casino hotels	72112	277.3	9	10	—	11	7
Other traveler accommodation	72119	26.2	40	44	45	(⁶)	50
RV (recreational vehicle) parks and recreational camps	7212	50.5	—	—	35	56	34
Rooming and boarding houses	7213	11.7	76	68	57	—	91
Food services and drinking places	722	8,577.3	4	5	5	10	4
Full-service restaurants	7221	4,072.1	5	6	6	12	6
Limited-service eating places	7222	3,612.2	5	8	7	18	5
Drinking places (alcoholic beverages)	7224	375.9	—	—	—	82	—
Other services		3,777.7	3	4	4	7	3
Other services, except public administration	81	3,777.7	3	4	4	7	3
Repair and maintenance	811	1,224.3	5	7	6	15	5

See footnotes at end of table.

TABLE A-1. Relative standard errors for rates of nonfatal occupational injuries and illnesses by industry, 2003 — Continued

Industry	NAICS code ¹	2003 Annual average employment ² (thousands)	Percent relative standard errors				
			Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ³	Cases with job transfer or restriction	
Automotive repair and maintenance	8111	889.7	6	9	6	18	6
Electronic and precision equipment repair and maintenance	8112	101.0	21	23	26	27	25
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113	153.5	11	13	16	18	15
Personal and household goods repair and maintenance	8114	80.1	19	22	20	34	19
Personal and laundry services	812	1,258.9	4	5	6	9	5
Personal care services	8121	543.4	11	16	16	39	15
Death care services	8122	138.4	11	12	13	21	15
Drycleaning and laundry services	8123	355.7	5	6	7	10	7
Other personal services	8129	221.4	9	12	13	19	11
Religious, grantmaking, civic, professional, and similar organizations	813	1,294.5	5	7	8	11	6

¹ North American Industry Classification System — United States, 2002

² Employment is expressed as an annual average and is derived primarily from the BLS-Quarterly Census of Employment and Wages (QCEW) program.

³ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁴ Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

⁵ Percent relative standard error less than 0.5.

⁶ Fewer than 15 cases.

NOTE: Dash indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor
December 2004 - Reissued June 2005. For information see
http://www.bls.gov/iif/osh_notice05.htm