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Occupational Injuries and Illnesses in 1979: Summary

U.S. Department of Labor
Bureau of Labor Statistics
April 1981

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Occupational Injuries and Illnesses in 1979: Summary



U.S. Department of Labor
Raymond J. Donovan, Secretary
Bureau of Labor Statistics
Janet L. Norwood, Commissioner
April 1981

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Preface

Data for this publication were collected in accordance with the provisions of the Occupational Safety and Health Act of 1970. Estimates represent the injury and illness experience of employers in private sector establishments for 1978 and 1979. Report forms were mailed to employers in the year following the reference year of each survey. Additional data and narrative analysis will be published later this year.

This publication was prepared in the Office of Occupational Safety and Health Statistics by the staff of

the Division of Periodic Surveys, under the direction of William Mead. Data were collected and tabulated in the Office of Statistical Operations with the cooperation of the regional offices of the Bureau of Labor Statistics and State agencies participating in the occupational safety and health statistical grants program.

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Definitions

The definitions of occupational injuries and illnesses and lost workdays are from *Recordkeeping Requirements under the Occupational Safety and Health Act of 1970*.

Recordable occupational injuries and illnesses are:

1. Occupational deaths, regardless of the time between injury and death, or the length of the illness; or
2. Nonfatal occupational illnesses; or
3. Nonfatal occupational injuries which involve one or more of the following: Loss of consciousness, restriction of work or motion, transfer to another job, or medical treatment (other than first aid).

Occupational injury is any injury such as a cut, fracture, sprain, amputation, etc., which results from a work accident or from exposure involving a single incident in the work environment.

Occupational illness is any abnormal condition or disorder, other than one resulting from an occupational injury, caused by exposure to environmental factors associated with employment. It includes acute and chronic illnesses or disease which may be caused by inhalation, absorption, ingestion, or direct contact.

Lost workday cases are cases which involve days away from work, or days of restricted work activity, or both.

1. *Lost workday cases involving days away from work* are those cases which result in days away from work, or a combination of days away from work and days of restricted work activity.

2. *Lost workday cases involving restricted work activity* are those cases which result in restricted work activity only.

Lost workdays—away from work are the number of workdays (consecutive or not) on which the employee would have worked but could not because of occupational injury or illness.

Lost workdays—restricted work activity are the number of workdays (consecutive or not) on which, because of injury or illness:

1. The employee was assigned to another job on a temporary basis; or
2. The employee worked at a permanent job less than full time; or
3. The employee worked at a permanently assigned job but could not perform all duties normally connected with it.

The number of days away from work or days of restricted work activity does not include the day of injury or onset of illness or any days on which the employee would not have worked even though able to work.

Incidence rates represent the number of injuries and/or illnesses or lost workdays per 100 full-time workers and were calculated as: $(N/EH) \times 200,000$ where:

- N = number of injuries and/or illnesses or lost workdays
EH = total hours worked by all employees during calendar year.
200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

Table 1. Occupational injury and illness incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Private sector ^{7/}		74,541.7	9.4	9.5	4.1	4.3	5.3	5.2	63.5	67.7
Agriculture, forestry, and fishing ^{7/}		898.7	11.6	11.7	5.4	5.7	6.2	5.9	80.7	83.7
Agricultural production ^{7/}	01-02	n.a.	12.8	13.0	5.8	6.3	7.0	6.7	81.3	84.8
Agricultural services.....	07	n.a.	10.3	10.5	5.0	5.1	5.3	5.3	80.2	84.4
Forestry.....	08	n.a.	11.0	10.5	5.1	4.9	5.9	5.6	79.1	78.9
Fishing, hunting, and trapping.....	09	n.a.	4.1	4.1	2.4	2.3	1.6	1.8	75.3	48.6
Mining ^{8/}		960.0	11.5	11.4	6.4	6.8	5.0	4.6	143.2	150.5
Metal mining ^{8/}	10	100.8	10.0	10.2	5.4	6.0	4.6	4.2	113.9	118.2
Anthracite mining ^{8/}	11	3.1	19.6	18.6	11.5	11.0	8.0	7.6	310.5	267.1
Bituminous coal and lignite mining ^{8/}	12	259.9	10.1	10.4	7.3	8.3	2.7	2.0	170.3	206.0
Oil and gas extraction.....	13	472.9	13.9	13.6	6.9	7.0	6.9	6.5	154.4	151.2
Crude petroleum and natural gas.....	131	n.a.	4.4	5.4	2.1	3.2	2.3	2.2	42.7	53.0
Oil and gas field services.....	138	n.a.	20.3	18.9	10.2	9.5	10.0	9.4	229.7	215.7
Nonmetallic minerals, except fuels ^{8/}	14	122.8	6.9	6.4	4.1	4.2	2.7	2.2	88.0	81.5
Construction.....		4,483.0	16.0	16.2	6.4	6.8	9.6	9.3	109.4	120.4
General building contractors.....	15	1,275.7	15.9	16.3	6.3	6.8	9.6	9.5	105.3	111.2
Residential building construction.....	152	620.2	13.3	13.0	5.9	6.1	7.4	6.9	101.5	108.0
Operative builders.....	153	85.4	15.7	15.7	6.3	6.9	9.3	8.8	76.4	84.9
Nonresidential building construction.....	154	570.1	19.2	19.7	6.6	7.5	12.5	12.2	114.9	118.3
Heavy construction contractors.....	16	918.4	16.6	16.6	6.2	6.7	10.3	9.9	110.9	123.1
Highway and street construction.....	161	276.4	15.2	15.5	5.8	6.3	9.4	9.1	105.9	123.8
Heavy construction, except highway.....	162	641.9	17.2	17.1	6.4	6.9	10.7	10.2	113.2	122.8
Special trade contractors.....	17	2,288.6	15.8	16.0	6.6	6.9	9.2	9.0	111.0	124.3
Plumbing, heating, and air conditioning... Painting, paperhanging, and decorating... Electrical work..... Masonry, stonework, and plastering..... Carpentering and flooring..... Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors...	171 172 173 174 175 176 177 178 179	553.0 151.2 403.4 364.0 131.2 164.4 n.a. n.a. n.a.	16.9 9.4 14.0 15.6 13.6 22.5 14.6 12.8 16.9	17.0 9.6 14.0 16.4 14.0 22.3 13.8 15.2 17.5	5.9 4.6 4.7 7.4 7.5 11.7 6.6 6.5 7.2	6.2 5.2 5.3 7.7 7.5 12.1 7.0 8.5 7.6	11.0 4.8 9.3 8.2 6.3 10.7 7.9 6.2 9.6	10.8 4.4 8.7 8.7 6.5 10.1 6.8 6.6 9.9	93.4 99.0 71.4 121.1 128.6 212.7 122.2 126.7 124.4	97.6 104.1 92.0 133.1 144.1 218.8 126.3 165.1 152.8
Manufacturing.....		21,062.0	13.2	13.3	5.6	5.9	7.6	7.4	84.9	90.2
Durable goods.....		12,772.0	14.2	14.2	5.9	6.3	8.3	7.9	89.1	95.1
Lumber and wood products.....	24	766.1	22.6	20.7	11.1	10.8	11.5	9.9	178.8	175.9
Logging camps and logging contractors.....	241	88.3	25.9	24.2	15.6	14.8	10.2	9.3	316.2	311.9
Sawmills and planing mills.....	242	237.0	21.7	19.4	11.1	10.4	10.6	8.9	192.9	178.5
Sawmills and planing mills, general.....	2421	196.6	21.2	18.9	11.1	10.3	10.2	8.6	195.3	180.7
Hardwood dimension and flooring.....	2426	33.7	20.8	20.3	8.8	9.8	11.9	10.5	149.4	143.2
Special product sawmills, n.e.c.....	2429	n.a.	43.6	32.5	24.8	18.5	18.7	13.9	369.4	308.8
Millwork, plywood, and structural members.....	243	224.9	20.4	18.5	9.6	9.5	10.8	9.0	139.6	149.8
Millwork.....	2431	76.8	23.0	20.6	10.2	9.6	12.8	11.0	137.7	138.2
Wood kitchen cabinets.....	2434	53.0	17.8	17.5	8.5	9.0	9.2	8.5	114.6	119.1
Hardwood veneer and plywood.....	2435	28.1	20.0	18.1	8.9	8.4	11.1	9.6	128.7	142.4
Softwood veneer and plywood.....	2436	49.2	16.2	14.1	8.5	8.7	7.7	5.4	161.6	183.9
Structural wood members, n.e.c.....	2439	n.a.	31.2	26.8	15.1	15.2	16.1	11.5	172.0	200.0
Wood containers.....	244	47.0	21.4	21.3	10.9	11.5	10.4	9.8	162.1	172.2
Nailed wood boxes and shooks.....	2441	n.a.	23.3	20.0	11.4	11.0	11.8	8.9	160.3	184.2
Wood pallets and skids.....	2448	n.a.	21.9	22.4	11.7	12.3	10.2	10.0	172.3	179.1
Wood containers, n.e.c.....	2449	n.a.	18.5	19.6	8.9	9.8	9.5	9.8	143.0	146.7
Wood buildings and mobile homes.....	245	84.2	32.7	29.8	14.2	13.9	18.5	15.9	177.2	175.7
Mobile homes.....	2451	58.2	34.8	31.6	15.2	14.6	19.5	17.0	196.3	189.2
Prefabricated wood buildings.....	2452	n.a.	28.2	25.8	11.9	12.2	16.3	13.6	135.6	145.4
Miscellaneous wood products.....	249	84.7	18.5	17.7	8.1	8.1	10.4	9.6	127.2	120.8
Wood preserving.....	2491	n.a.	18.7	18.0	8.9	8.3	9.8	9.7	152.1	147.6
Particleboard.....	2492	n.a.	13.4	11.0	6.1	4.7	7.2	6.3	122.8	102.6
Wood products, n.e.c.....	2499	n.a.	19.1	18.4	8.2	8.5	10.9	9.9	122.4	117.0

See footnotes at end of table.

Table 1. Continued—Occupational injury and illness incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Furniture and fixtures.....	25	499.3	17.5	17.6	6.9	7.1	10.6	10.4	95.9	99.6
Household furniture.....	251	330.6	16.5	15.9	6.5	6.4	10.0	9.4	91.7	89.7
Wood household furniture.....	2511	148.8	16.4	15.3	6.2	5.9	10.2	9.3	89.4	85.5
Upholstered household furniture.....	2512	101.9	15.4	15.5	6.1	6.1	9.3	9.4	88.0	81.2
Metal household furniture.....	2514	32.0	17.8	17.0	7.2	7.4	10.6	9.6	96.5	104.3
Mattresses and bedsprings.....	2515	31.6	18.1	19.2	8.3	8.7	9.8	10.4	111.9	125.2
Wood TV and radio cabinets.....	2517	n.a.	16.8	13.6	6.2	5.5	10.6	8.1	86.0	77.1
Household furniture, n.e.c.....	2519	n.a.	20.4	18.5	6.8	9.0	13.5	9.5	85.0	103.7
Office furniture.....	252	49.7	18.4	22.9	7.7	9.4	10.7	13.5	104.3	138.1
Wood office furniture.....	2521	n.a.	18.3	22.3	7.9	8.6	10.4	13.7	98.2	126.8
Metal office furniture.....	2522	n.a.	18.4	23.2	7.5	9.8	10.9	13.4	107.5	144.1
Public building and related furniture.....	253	26.4	21.3	21.5	7.9	8.3	13.4	13.2	107.0	136.2
Partitions and fixtures.....	254	64.4	20.2	20.3	8.1	8.6	12.1	11.6	105.8	108.1
Wood partitions and fixtures.....	2541	n.a.	19.1	19.0	7.7	8.0	11.4	11.0	104.7	103.2
Metal partitions and fixtures.....	2542	n.a.	21.5	21.6	8.6	9.3	12.9	12.3	107.0	113.2
Miscellaneous furniture and fixtures.....	259	28.2	19.0	17.5	7.0	6.4	11.9	11.1	100.9	90.2
Drapery hardware and blinds and shades..	2591	n.a.	16.9	15.6	5.9	6.4	10.9	9.2	76.7	88.9
Furniture and fixtures, n.e.c.....	2599	n.a.	21.7	20.2	8.5	6.5	13.2	13.6	133.3	92.0
Stone, clay, and glass products.....	32	709.7	16.8	16.8	7.8	8.0	9.0	8.7	126.3	133.7
Flat glass.....	321	19.4	18.1	15.3	5.3	5.8	12.8	9.5	95.8	110.5
Glass and glassware, pressed or blown.....	322	44.4	14.6	14.8	7.6	7.9	7.0	6.8	134.5	141.6
Glass containers.....	3221	74.1	15.7	15.9	9.3	9.1	6.4	6.8	176.5	173.7
Pressed and blown glass, n.e.c.....	3229	58.7	13.1	13.3	5.3	6.4	7.8	6.9	79.1	100.4
Products of purchased glass.....	323	46.9	20.5	20.0	7.7	7.2	12.8	12.8	99.3	109.9
Cement, Hydraulic.....	324	33.1	-	10.1	-	5.0	-	5.1	-	97.9
Structural clay products.....	325	51.9	18.5	20.2	8.9	9.6	9.6	10.5	131.4	139.2
Brick and structural clay tile.....	3251	n.a.	21.2	22.4	10.4	11.1	10.8	11.3	149.4	147.8
Ceramic wall and floor tile.....	3253	n.a.	14.2	19.2	6.0	7.4	8.2	11.8	83.2	97.1
Clay refractories.....	3255	n.a.	14.6	15.2	6.7	7.9	7.9	7.3	114.5	142.5
Structural clay products, n.e.c.....	3259	n.a.	24.0	25.0	13.1	12.2	10.9	12.8	183.1	171.8
Pottery and related products.....	326	47.4	16.7	17.0	8.2	8.7	8.5	8.3	116.2	130.3
Vitreous plumbing fixtures.....	3261	n.a.	29.5	27.8	15.2	14.6	14.3	13.2	216.8	187.2
Vitreous china food utensils.....	3262	n.a.	11.0	15.1	6.9	8.6	4.1	6.5	134.9	152.0
Fine earthenware food utensils.....	3263	n.a.	13.9	13.2	7.1	7.1	6.8	6.1	111.3	126.7
Porcelain electrical supplies.....	3264	n.a.	14.4	14.2	5.8	5.8	8.6	8.3	77.1	106.6
Pottery products, n.e.c.....	3269	n.a.	12.2	12.2	5.8	6.6	6.4	5.6	71.5	96.7
Concrete, gypsum, and plaster products....	327	215.1	18.1	17.8	8.4	8.4	9.7	9.4	135.0	139.7
Concrete block and brick.....	3271	23.4	19.4	18.5	9.0	8.8	10.3	9.7	148.1	154.6
Concrete products, n.e.c.....	3272	71.9	24.2	24.7	11.7	12.1	12.5	12.6	165.8	180.6
Ready-mixed concrete.....	3273	97.6	15.7	15.1	7.0	6.8	8.6	8.3	123.1	122.3
Lime.....	3274	n.a.	13.3	8.9	6.7	5.7	6.6	3.2	131.4	113.0
Gypsum products.....	3275	n.a.	6.1	7.1	2.1	2.6	4.0	4.5	58.0	60.8
Cut stone and stone products.....	328	n.a.	14.2	14.4	6.3	6.6	7.9	7.8	115.5	97.8
Miscellaneous nonmetallic mineral products.....	329	150.3	16.7	16.6	7.7	8.1	9.0	8.4	124.1	138.3
Abrasive products.....	3291	29.7	18.8	20.9	7.8	10.1	11.0	10.9	120.1	168.7
Asbestos products.....	3292	22.4	17.7	18.6	9.1	9.7	8.6	8.9	166.6	171.8
Gaskets, packing, and sealing devices...	3293	n.a.	16.5	15.8	6.7	6.5	9.8	9.3	104.8	88.7
Mineral wool.....	3296	33.4	14.1	11.2	6.6	6.1	7.4	5.1	103.4	99.0
Nonclay refractories.....	3297	n.a.	18.8	20.6	10.0	10.9	8.8	9.7	167.4	222.3
Nonmetallic mineral products, n.e.c....	3299	n.a.	-	11.1	-	5.6	-	5.5	-	82.7
Primary metal industries.....	33	1,250.2	17.0	17.3	7.5	8.1	9.5	9.2	123.6	134.7
Blast furnace and basic steel products....	331	569.1	13.0	12.7	5.0	5.0	8.0	7.7	95.9	100.2
Blast furnaces and steel mills.....	3312	477.2	11.1	10.8	4.1	3.8	7.0	7.0	85.8	86.7
Electrometallurgical products.....	3313	n.a.	14.9	13.4	6.4	6.6	8.5	6.7	116.1	127.8
Steel wire and related products.....	3315	n.a.	20.2	21.8	9.2	10.8	11.0	10.9	149.6	162.2
Cold finishing of steel shapes.....	3316	n.a.	27.1	28.2	11.8	13.4	15.3	14.8	179.5	226.3
Steel pipe and tubes.....	3317	30.7	27.1	23.3	11.2	11.1	15.9	12.1	151.8	156.5
Iron and steel foundries.....	332	238.9	24.6	26.0	11.6	12.9	13.0	13.0	169.2	186.0
Gray iron foundries.....	3321	146.3	24.4	25.2	11.5	12.6	12.9	12.6	159.1	172.0
Malleable iron foundries.....	3322	21.0	25.0	26.7	11.1	11.5	13.9	15.2	158.7	174.8
Steel investment foundries.....	3324	n.a.	-	21.4	-	9.4	-	12.0	-	110.0
Steel foundries, n.e.c.....	3325	59.5	26.6	28.6	12.8	15.1	13.8	13.4	215.3	241.2

See footnotes at end of table.

Table 1. Continued—Occupational injury and illness incidence rates by industry, 1978 and 1979¹

Industry 2/	SIC code 3/	1979 annual average employment (in thousands) 4/	Incidence rates per 100 full-time workers 5/							
			Total cases 6/		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Primary nonferrous metals.....	333	71.8	13.0	15.3	6.0	8.5	7.0	6.8	110.8	140.6
Primary copper.....	3331	n.a.	10.4	10.5	4.7	5.1	5.7	5.4	118.8	109.3
Primary lead.....	3332	n.a.	17.0	27.3	9.4	16.3	7.6	11.0	145.9	455.8
Primary zinc.....	3333	n.a.	17.0	18.4	9.8	11.4	7.2	7.0	181.6	215.1
Primary aluminum.....	3334	36.2	12.5	14.5	5.4	8.4	7.1	6.1	99.3	115.5
Primary nonferrous metals, n.e.c.....	3339	n.a.	13.8	17.2	6.0	8.4	7.8	8.8	96.8	121.0
Secondary nonferrous metals.....	334	n.a.	27.6	28.7	14.5	16.9	13.0	11.8	265.6	277.9
Nonferrous rolling and drawing.....	335	220.4	15.5	15.7	7.0	7.7	8.5	8.0	116.6	128.6
Copper rolling and drawing.....	3351	34.3	19.4	18.6	8.6	9.2	10.8	9.4	145.0	161.3
Aluminum sheet, plate, and foil.....	3353	37.2	11.5	10.7	4.4	4.5	7.1	6.2	69.4	68.7
Aluminum extruded products.....	3354	n.a.	17.6	18.0	8.8	8.9	8.8	9.1	154.4	163.8
Aluminum rolling and drawing, n.e.c.....	3355	n.a.	11.9	13.2	5.5	6.1	6.4	7.1	88.6	82.0
Nonferrous rolling and drawing, n.e.c.....	3356	n.a.	15.1	14.7	5.4	7.4	9.7	7.3	93.5	125.5
Nonferrous wire drawing and insulating..	3357	90.0	15.3	16.1	7.2	8.2	8.1	7.9	118.1	131.4
Nonferrous foundries.....	336	99.4	23.0	23.5	11.2	12.0	11.8	11.5	158.7	177.9
Aluminum foundries.....	3361	57.8	22.8	23.6	11.5	12.2	11.3	13.3	148.7	174.6
Brass, bronze, and copper foundries.....	3362	n.a.	25.8	24.4	11.7	12.1	14.1	12.3	167.9	193.7
Nonferrous foundries, n.e.c.....	3369	n.a.	21.0	22.3	10.2	11.1	10.8	11.2	173.8	172.2
Miscellaneous primary metal products.....	339	n.a.	21.4	21.8	10.5	10.9	10.9	10.9	139.2	151.5
Metal heat treating.....	3398	n.a.	23.5	24.3	11.5	12.7	12.0	11.6	146.4	165.6
Primary metal products, n.e.c.....	3399	n.a.	18.9	18.8	9.3	8.7	9.6	10.1	130.3	134.3
Fabricated metal products.....	34	1,723.7	19.3	19.9	8.0	8.7	11.3	11.2	112.4	124.2
Metal cans and shipping containers.....	341	80.9	18.4	18.9	7.2	8.0	11.2	10.8	112.3	126.0
Metal cans.....	3411	66.6	17.6	17.8	6.9	7.4	10.6	10.4	108.5	118.5
Metal barrels, drums, and pails.....	3412	n.a.	22.5	23.6	8.5	10.9	14.0	12.7	130.9	160.7
Cutlery, hand tools, and hardware.....	342	184.9	17.8	17.3	7.2	7.6	10.6	9.7	106.0	116.2
Cutlery.....	3421	n.a.	15.0	15.3	5.1	5.5	9.9	9.8	74.2	72.1
Hand and edge tools, n.e.c.....	3423	n.a.	21.1	19.3	8.4	8.4	12.7	10.9	119.9	130.1
Hand saws and saw blades.....	3425	n.a.	19.6	17.1	7.1	7.2	12.4	9.9	91.2	99.4
Hardware, n.e.c.....	3429	104.4	16.4	16.5	7.0	7.5	9.4	9.0	105.0	117.4
Plumbing and heating, except electric....	343	75.6	19.3	19.3	7.7	8.2	11.6	11.0	108.5	117.0
Metal sanitary ware.....	3431	n.a.	22.3	17.8	7.3	7.4	15.0	10.4	97.9	97.2
Plumbing fittings and brass goods.....	3432	27.9	14.1	15.9	6.4	7.2	7.7	8.6	92.5	118.7
Heating equipment, except electric.....	3433	36.3	22.5	22.4	8.8	9.3	13.7	13.1	124.8	122.1
Fabricated structural metal products.....	344	525.9	22.5	23.6	9.3	10.4	13.2	13.2	127.8	143.1
Fabricated structural metal.....	3441	105.4	25.7	27.1	12.1	13.0	13.5	14.1	176.9	187.5
Metal doors, sash, and trim.....	3442	86.9	22.2	22.3	8.2	8.5	14.0	13.8	106.1	119.7
Fabricated plate work.....	3443	150.1	19.9	22.6	8.2	10.0	11.7	12.6	108.5	134.4
Sheet-metal work.....	3444	112.5	24.0	23.9	9.3	10.1	14.7	13.8	121.6	132.3
Architectural metal work.....	3446	31.3	21.4	20.2	9.1	9.0	12.3	11.1	123.7	135.6
Prefabricated metal buildings.....	3448	n.a.	21.3	21.9	8.2	9.5	13.1	12.4	132.4	127.6
Miscellaneous metal work.....	3449	n.a.	23.0	24.4	9.7	13.1	13.3	11.3	144.9	183.2
Screw machine products, bolts, etc.....	345	116.2	17.0	17.7	6.2	6.9	10.8	10.8	81.1	89.2
Screw machine products.....	3451	54.5	16.8	17.8	5.6	6.5	11.2	11.3	70.5	85.1
Bolts, nuts, rivets, and washers.....	3452	61.7	17.1	17.7	6.7	7.1	10.4	10.5	90.9	92.8
Metal forgings and stampings.....	346	304.5	18.4	18.8	7.8	8.5	10.6	10.3	114.8	127.6
Iron and steel forgings.....	3462	58.1	24.8	27.2	12.1	14.4	12.7	12.8	194.5	209.6
Nonferrous forgings.....	3463	n.a.	14.0	17.1	7.0	9.7	7.0	7.4	143.5	158.6
Automotive stampings.....	3465	115.0	13.1	12.4	5.6	5.4	7.4	7.0	73.2	82.1
Crowns and closures.....	3466	n.a.	14.5	12.9	7.1	6.3	7.4	6.5	123.2	83.9
Metal stampings, n.e.c.....	3469	120.3	21.0	21.5	8.0	8.8	13.0	12.7	118.0	133.7
Metal services, n.e.c.....	347	108.8	18.1	18.5	7.8	8.8	10.3	9.7	106.1	118.1
Plating and polishing.....	3471	74.1	17.7	18.5	7.8	8.6	9.9	9.9	95.4	113.0
Metal coating and allied services.....	3479	34.7	19.0	18.5	7.8	9.2	11.2	9.3	132.6	128.8
Ordnance and accessories, n.e.c.....	348	63.9	9.3	8.7	3.8	4.0	5.5	4.7	59.4	60.7
Small arms ammunition.....	3482	n.a.	5.0	5.6	2.0	2.8	2.9	2.8	33.7	46.5
Ammunition, except for small arms, n.e.c.....	3483	28.3	9.7	8.1	3.6	3.4	6.1	4.7	57.4	54.4
Small arms.....	3484	n.a.	10.3	13.6	4.9	6.4	5.3	7.1	79.6	96.3
Ordnance and accessories, n.e.c.....	3489	n.a.	12.2	6.1	4.9	3.0	7.3	3.1	60.6	38.8
Miscellaneous fabricated metal products...	349	263.0	19.4	20.5	8.1	8.8	11.3	11.7	113.4	123.3
Steel springs, except wire.....	3493	n.a.	29.0	25.6	13.5	12.4	15.4	13.2	188.2	194.5
Valves and pipe fittings.....	3494	105.8	18.1	19.7	7.3	8.4	10.8	11.3	100.2	114.0
Wire springs.....	3495	n.a.	16.6	17.3	6.2	6.3	10.3	11.0	107.1	94.6
Miscellaneous fabricated wire products..	3496	55.5	21.0	21.4	8.9	9.9	12.0	11.5	122.2	149.3
Metal foil and leaf.....	3497	n.a.	20.1	20.2	8.1	10.3	12.0	9.8	107.6	117.1
Fabricated pipe and fittings.....	3498	n.a.	20.9	21.7	8.8	9.1	12.0	12.6	132.5	121.1
Fabricated metal products, n.e.c.....	3499	n.a.	18.9	20.5	8.0	8.4	10.9	12.1	108.5	111.5

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Machinery, except electrical.....	35	2,481.6	14.4	14.7	5.4	5.9	9.0	8.7	75.1	83.6
Engines and turbines.....	351	145.4	12.4	13.3	5.2	6.2	7.2	7.1	89.2	112.5
Turbines and turbine generator sets.....	3511	41.2	9.3	9.5	3.1	4.2	6.2	5.3	47.9	59.0
Internal combustion engines, n.e.c.....	3519	104.2	14.0	14.9	6.2	7.0	7.8	7.9	110.2	133.9
Farm and garden machinery.....	352	181.2	18.2	19.2	6.9	7.8	11.3	11.4	88.5	99.9
Farm machinery and equipment.....	3523	158.5	17.6	18.6	6.8	7.6	10.8	10.9	86.8	95.9
Lawn and garden equipment.....	3524	n.a.	23.4	23.4	7.9	9.0	15.4	14.4	102.0	127.1
Construction and related machinery.....	353	384.0	18.5	18.6	7.8	8.2	10.7	10.4	106.4	112.3
Construction machinery.....	3531	158.2	17.2	16.7	7.4	7.2	9.8	9.5	96.0	103.7
Mining machinery.....	3532	34.5	21.5	20.1	7.8	8.2	13.6	11.9	116.9	116.8
Oil field machinery.....	3533	85.3	19.8	20.0	8.7	9.6	11.1	10.4	123.1	130.9
Elevators and moving stairways.....	3534	n.a.	13.4	17.4	4.4	6.1	9.0	11.3	63.5	79.4
Conveyors and conveying equipment.....	3535	33.3	21.7	21.9	8.8	9.3	12.9	12.6	120.0	115.5
Hoists, cranes, and monorails.....	3536	n.a.	17.8	19.0	7.1	8.5	10.7	10.5	111.6	110.3
Industrial trucks and tractors.....	3537	39.2	18.4	18.4	7.9	8.3	10.5	10.1	108.0	107.3
Metalworking machinery.....	354	368.7	14.0	14.6	4.5	5.1	9.5	9.5	66.2	78.9
Machine tools, metal cutting types.....	3541	76.9	13.0	14.9	4.5	5.6	8.5	9.3	70.4	89.9
Machine tools, metal forming types.....	3542	27.1	16.7	17.8	5.9	7.1	10.8	10.7	79.1	113.6
Special dies, tools, jigs, and fixtures.....	3544	136.8	14.4	14.0	4.3	4.4	10.1	9.6	64.0	67.0
Machine tool accessories.....	3545	68.4	13.1	13.8	4.4	4.7	8.7	9.1	55.1	64.3
Power driven hand tools.....	3546	33.9	13.3	13.4	4.0	5.3	9.3	8.0	66.3	83.6
Rolling mill machinery.....	3547	n.a.	16.4	18.2	5.5	6.6	10.9	11.6	101.1	143.1
Metalworking machinery, n.e.c.....	3549	n.a.	15.3	18.2	4.4	6.0	10.9	12.2	68.5	78.5
Special industry machinery.....	355	205.2	15.9	15.6	5.5	5.9	10.4	9.7	79.9	82.5
Food products machinery.....	3551	46.7	19.4	17.0	6.6	6.8	12.8	10.2	102.3	99.9
Textile machinery.....	3552	27.0	12.2	13.7	4.1	5.0	8.0	8.7	66.8	73.3
Woodworking machinery.....	3553	n.a.	18.1	18.5	7.0	7.7	11.1	10.8	86.5	103.8
Paper industries machinery.....	3554	n.a.	18.0	17.9	6.0	7.0	12.0	10.9	81.2	107.6
Printing trades machinery.....	3555	37.6	11.3	11.9	3.9	4.1	7.4	7.8	61.2	56.7
Special industry machinery, n.e.c.....	3559	n.a.	17.1	16.4	6.0	6.0	11.1	10.4	79.3	77.6
General industrial machinery.....	356	329.0	15.2	16.0	5.5	6.5	9.7	9.5	77.8	89.0
Pumps and pumping equipment.....	3561	64.2	16.0	17.3	6.3	7.5	9.7	9.8	88.6	102.1
Ball and roller bearings.....	3562	58.6	10.9	10.9	3.8	4.5	7.1	6.4	59.5	64.7
Air and gas compressors.....	3563	31.8	12.9	14.4	4.6	6.3	8.3	8.1	73.6	96.0
Blowers and fans.....	3564	42.5	18.4	18.3	6.7	7.1	11.7	11.2	88.3	99.3
Industrial patterns.....	3565	n.a.	12.4	11.3	3.5	3.7	8.9	7.6	34.4	48.3
Speed changers, drives, and gears.....	3566	26.5	19.5	20.1	6.7	7.7	12.8	12.4	90.7	109.3
Industrial furnaces and ovens.....	3567	n.a.	18.8	18.1	6.3	6.6	12.5	11.5	85.9	92.5
Power transmission equipment, n.e.c.....	3568	25.6	15.7	16.3	6.1	6.5	9.6	9.7	89.7	85.2
General industrial machinery, n.e.c.....	3569	n.a.	15.1	17.3	5.5	6.9	9.6	10.4	73.9	85.3
Office and computing machines.....	357	396.9	4.9	5.4	2.0	2.3	2.9	3.1	27.1	32.6
Electronic computing equipment.....	3573	319.5	4.4	4.7	1.9	2.1	2.5	2.6	24.4	29.8
Scales and balances, except laboratory..	3576	n.a.	11.2	13.0	3.0	3.6	8.2	9.4	49.1	54.9
Office machines, n.e.c.....	3579	n.a.	8.9	9.2	3.3	3.6	5.6	5.6	49.3	52.6
Refrigeration and service machinery.....	358	187.7	17.3	17.4	6.5	7.0	10.8	10.4	86.7	102.9
Automatic merchandising machines.....	3581	n.a.	24.9	21.9	8.8	9.9	16.0	12.0	96.4	123.4
Commercial laundry equipment.....	3582	n.a.	22.7	21.7	6.6	6.5	16.1	15.2	88.2	88.3
Refrigeration and heating equipment.....	3585	129.3	16.4	16.3	6.3	6.8	10.1	9.5	85.8	106.0
Measuring and dispensing pumps.....	3586	n.a.	18.8	18.5	6.7	5.7	12.0	12.7	94.7	75.5
Service industry machinery, n.e.c.....	3589	n.a.	17.8	19.4	6.3	7.5	11.5	11.9	86.0	93.2
Miscellaneous machinery, except electrical.....	359	283.4	15.9	16.3	5.9	6.4	10.0	9.9	75.6	80.3
Carburetors, pistons, rings, valves.....	3592	43.0	10.7	10.9	4.8	5.2	5.9	5.7	68.1	73.9
Machinery, except electrical, n.e.c.....	3599	240.5	16.8	17.3	6.1	6.6	10.7	10.7	76.9	81.5
Electric and electronic equipment.....	36	2,124.3	8.7	8.6	3.3	3.4	5.4	5.2	50.3	51.9
Electric distributing equipment.....	361	124.7	11.4	11.9	4.0	4.7	7.4	7.2	57.7	66.5
Transformers.....	3612	55.4	12.5	13.8	4.6	5.8	7.9	8.0	66.1	71.3
Switchgear and switchboard apparatus....	3613	69.3	10.3	10.4	3.5	3.8	6.8	6.6	50.2	62.7
Electrical industrial apparatus.....	362	251.3	10.4	10.3	4.0	4.1	6.4	6.2	64.6	64.8
Motors and generators.....	3621	130.9	11.2	11.0	4.4	4.4	6.7	6.6	74.9	68.0
Industrial controls.....	3622	71.4	8.5	8.6	2.9	3.2	5.6	5.4	45.0	53.6
Welding apparatus, electric.....	3623	n.a.	15.1	15.7	5.3	6.4	9.7	9.3	67.5	80.5
Carbon and graphite products.....	3624	n.a.	7.7	7.2	3.9	4.0	3.8	3.1	78.6	81.4
Electrical industrial apparatus, n.e.c....	3629	n.a.	8.0	8.8	2.7	3.3	5.3	5.5	41.0	54.1
Household appliances.....	363	180.0	12.6	12.6	4.5	4.5	8.0	8.1	70.0	73.1
Household cooking equipment.....	3631	n.a.	17.4	16.5	6.9	6.2	10.5	10.2	118.2	113.3
Household refrigerators and freezers....	3632	39.7	9.1	9.4	3.3	3.3	5.7	6.1	43.6	43.0
Household laundry equipment.....	3633	23.1	11.8	11.4	3.2	3.3	8.6	8.1	52.8	46.0
Electric housewares and fans.....	3634	54.1	11.3	11.8	3.9	4.3	7.4	7.4	55.7	76.2
Household vacuum cleaners.....	3635	n.a.	8.9	8.7	4.1	3.7	4.8	5.0	86.4	87.2
Household appliances, n.e.c.....	3639	n.a.	-	23.4	-	10.2	-	13.2	-	160.1

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Electric lighting and wiring equipment.....	364	225.7	11.7	12.3	4.3	4.7	7.4	7.6	67.7	73.5
Electric lamps.....	3641	37.7	7.1	6.2	2.2	2.2	4.9	4.0	36.4	44.9
Current-carrying wiring devices.....	3643	92.1	9.8	11.1	3.4	4.2	6.4	6.9	59.8	67.2
Noncurrent-carrying wiring devices.....	3644	25.6	21.2	20.7	8.6	8.2	12.6	12.4	126.8	129.2
Residential lighting fixtures.....	3645	26.6	13.7	15.0	5.3	5.2	8.4	9.8	63.8	75.0
Commercial lighting fixtures.....	3646	n.a.	20.8	17.9	7.6	7.4	13.2	10.5	127.9	101.2
Vehicular lighting equipment.....	3647	n.a.	6.5	8.6	2.6	3.5	3.9	5.1	47.9	52.9
Lighting equipment, n.e.c.....	3648	n.a.	13.5	16.2	5.4	6.1	8.1	10.0	71.3	78.7
Radio and TV receiving equipment.....	365	114.2	8.8	8.4	3.4	3.6	5.4	4.8	52.7	51.8
Radio and TV receiving sets.....	3651	86.9	8.8	8.6	3.2	3.5	5.6	5.1	51.4	51.0
Phonograph records.....	3652	n.a.	9.0	7.7	4.1	3.9	4.9	3.8	57.4	54.3
Communication equipment.....	366	526.1	5.1	4.8	2.0	2.1	3.0	2.7	35.8	34.3
Telephone and telegraph apparatus.....	3661	168.6	6.2	5.6	2.8	2.9	3.4	2.7	60.9	49.0
Radio and TV communication equipment....	3662	357.5	4.6	4.5	1.7	1.8	2.9	2.7	24.8	27.5
Electronic components and accessories.....	367	524.6	7.7	7.6	2.7	2.9	5.0	4.7	34.1	36.2
Electron tubes, receiving type.....	3671	n.a.	3.9	4.5	1.4	1.9	2.5	2.6	24.0	30.0
Cathode ray television picture tubes....	3672	n.a.	10.7	11.7	6.5	7.0	4.2	4.7	94.9	98.6
Electron tubes, transmitting.....	3673	n.a.	7.4	7.4	2.1	2.6	5.2	4.7	38.1	42.0
Semiconductors and related devices.....	3674	199.6	6.4	6.1	2.3	2.4	4.1	3.6	28.8	31.6
Electronic capacitors.....	3675	n.a.	5.9	5.3	2.0	2.2	3.9	3.1	24.7	27.4
Electronic resistors.....	3676	n.a.	9.0	8.0	3.1	3.2	5.9	4.7	41.7	33.8
Electronic coils and transformers.....	3677	n.a.	10.1	11.0	2.9	3.3	7.1	7.7	32.0	41.8
Electronic connectors.....	3678	n.a.	-	9.3	-	2.4	-	6.9	-	31.2
Electronic components, n.e.c.....	3679	206.3	8.8	8.7	2.9	3.1	5.9	5.6	35.5	36.7
Miscellaneous electrical equipment and supplies.....	369	177.6	9.4	9.6	4.1	4.4	5.3	5.2	62.9	73.5
Storage batteries.....	3691	32.1	18.2	19.6	10.2	10.9	8.0	8.6	178.5	207.1
Primary batteries, dry and wet.....	3692	n.a.	6.4	6.4	1.7	1.8	4.7	4.6	26.6	37.4
X-ray apparatus and tubes.....	3693	n.a.	5.8	6.6	1.7	2.2	4.1	4.4	23.4	27.2
Engine electrical equipment.....	3694	87.9	7.3	7.2	2.9	3.1	4.4	4.0	42.1	47.4
Electrical equipment and supplies, n.e.c.....	3699	n.a.	14.1	11.7	6.0	5.0	8.1	6.7	69.7	64.4
Transportation equipment.....	37	2,082.8	11.5	11.6	5.1	5.5	6.3	6.1	78.0	85.9
Motor vehicles and equipment.....	371	994.6	11.3	11.6	5.1	5.5	6.1	6.1	73.9	81.3
Motor vehicles and car bodies.....	3711	464.2	8.1	8.1	4.0	3.8	4.1	4.2	52.7	52.3
Truck and bus bodies.....	3713	45.8	29.5	29.7	11.9	12.7	17.5	17.0	132.6	139.6
Motor vehicle parts and accessories....	3714	444.4	11.4	11.9	5.1	5.9	6.3	6.0	81.7	96.3
Truck trailers.....	3715	n.a.	26.7	27.0	11.9	12.8	14.8	14.2	178.2	185.8
Self-contained mobile homes.....	3716	n.a.	-	24.2	-	8.7	-	15.5	-	98.5
Aircraft and parts.....	372	611.0	6.5	7.1	2.5	3.0	4.0	4.1	37.7	49.1
Aircraft.....	3721	333.3	4.8	5.2	1.9	2.4	2.9	2.8	31.6	44.0
Aircraft engines and engine parts.....	3724	151.8	7.1	8.0	3.0	3.5	4.1	4.5	43.1	55.0
Aircraft equipment, n.e.c.....	3728	125.8	11.2	10.9	3.7	4.0	7.5	6.9	49.6	55.8
Ship and boat building and repairing.....	373	224.4	21.3	24.0	10.8	12.4	10.4	11.5	195.5	215.2
Ship building and repairing.....	3731	171.6	20.8	24.1	11.0	12.9	9.8	11.1	211.5	232.6
Boat building and repairing.....	3732	52.9	22.8	23.7	9.9	10.7	12.8	12.9	136.0	156.9
Railroad equipment.....	374	73.7	19.7	19.8	9.1	10.1	10.5	9.6	143.6	161.1
Motorcycles, bicycles, and parts.....	375	n.a.	16.3	16.1	5.8	6.1	10.5	10.0	70.8	68.5
Guided missiles, space vehicles, and parts.....	376	102.0	4.2	3.1	1.5	1.4	2.7	1.7	23.0	20.8
Guided missiles and space vehicles....	3761	81.2	3.6	2.7	1.4	1.3	2.2	1.4	20.3	19.9
Space propulsion units and parts.....	3764	n.a.	7.2	4.2	2.5	1.8	4.7	2.4	38.0	25.5
Space vehicle equipment, n.e.c.....	3769	n.a.	4.8	5.1	1.7	1.4	3.1	3.7	23.6	20.9
Miscellaneous transportation equipment....	379	57.4	23.9	19.1	9.7	8.1	14.2	11.0	104.2	105.9
Tanks and tank components.....	3795	n.a.	9.2	9.6	4.4	5.6	4.8	3.9	46.5	58.2
Transportation equipment, n.e.c.....	3799	n.a.	20.8	22.3	9.7	9.8	11.1	12.5	120.0	119.4
Instruments and related products.....	38	688.9	6.9	7.2	2.6	2.8	4.3	4.4	37.0	40.0
Engineering and scientific instruments....	381	72.9	6.2	6.0	2.1	2.0	4.1	4.0	28.5	29.6
Measuring and controlling devices.....	382	234.8	7.3	7.5	2.8	3.0	4.5	4.5	40.5	44.7
Environmental controls.....	3822	49.3	9.7	9.4	3.8	4.1	5.9	5.3	64.9	75.7
Process control instruments.....	3823	50.9	6.5	6.9	2.6	2.8	3.9	4.1	33.3	37.4
Fluid meters and counting devices.....	3824	n.a.	12.4	10.1	4.3	4.3	8.1	5.8	55.3	55.8
Instruments to measure electricity....	3825	94.2	5.1	5.9	2.2	2.3	2.9	3.6	29.3	29.8
Measuring and controlling devices, n.e.c.....	3829	n.a.	8.6	9.4	2.5	3.0	6.1	6.4	31.7	45.6
Optical instruments and lenses.....	383	32.1	6.1	6.6	2.4	2.5	3.7	4.0	36.6	32.4

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Medical instruments and supplies.....	384	141.4	7.7	8.5	2.9	3.2	4.8	5.2	39.8	46.7
Surgical and medical instruments.....	3841	61.1	7.5	7.5	2.7	2.8	4.8	4.7	40.7	44.0
Surgical appliances and supplies.....	3842	63.0	7.1	8.8	2.9	3.4	4.2	5.3	37.3	49.3
Dental equipment and supplies.....	3843	n.a.	10.2	10.9	3.7	4.0	6.5	6.9	46.6	47.2
Ophthalmic goods.....	385	45.9	7.7	6.8	2.9	2.7	4.8	4.1	39.4	53.3
Photographic equipment and supplies.....	386	133.9	5.7	6.2	2.1	2.5	3.6	3.6	32.7	35.1
Watches, clocks, and watchcases.....	387	28.1	6.7	6.4	2.3	2.6	4.3	3.8	34.5	37.7
Miscellaneous manufacturing industries.....	39	445.6	11.8	11.7	4.5	4.7	7.3	7.0	66.4	67.7
Jewelry, silverware, and plated ware.....	391	60.9	6.2	6.5	2.5	2.7	3.7	3.8	41.5	45.6
Jewelry, precious metal.....	3911	39.8	4.9	4.7	1.6	1.6	3.3	3.1	25.3	21.5
Silverware and plated ware.....	3914	n.a.	10.3	12.6	5.2	6.6	5.1	6.0	88.5	135.5
Jewelers' materials and lapidary work....	3915	n.a.	6.4	6.2	2.4	2.2	3.9	4.0	47.7	31.6
Musical instruments.....	393	23.8	13.8	13.6	4.4	5.3	9.4	8.3	54.3	82.2
Toys and sporting goods.....	394	120.9	13.9	13.5	5.4	5.6	8.5	7.9	81.7	78.5
Dolls.....	3942	n.a.	8.4	7.4	2.4	2.6	5.9	4.8	28.7	40.5
Games, toys, and children's vehicles....	3944	n.a.	14.1	12.0	5.6	5.0	8.5	7.0	85.4	77.5
Sporting and athletic goods, n.e.c.....	3949	62.0	14.5	15.4	5.6	6.4	8.9	9.0	85.0	84.2
Pens, pencils, office and art supplies....	395	38.9	12.0	11.8	5.0	5.0	7.0	6.8	58.8	68.8
Pens and mechanical pencils.....	3951	n.a.	9.8	10.0	3.8	4.3	5.9	5.7	52.6	59.4
Lead pencils and art goods.....	3952	n.a.	15.5	15.8	6.5	6.9	9.0	8.8	69.9	94.7
Marking devices.....	3953	n.a.	9.6	7.0	3.4	2.5	6.2	4.5	42.8	29.3
Carbon paper and inked ribbons.....	3955	n.a.	15.2	17.0	7.6	7.3	7.6	9.7	81.0	110.4
Costume jewelry and notions.....	396	58.7	8.1	9.2	3.2	3.3	4.9	5.8	46.0	48.2
Costume jewelry.....	3961	32.1	5.6	6.8	2.3	2.4	3.3	4.3	33.4	37.5
Artificial flowers.....	3962	n.a.	12.3	10.2	4.5	4.2	7.7	6.0	51.7	50.0
Buttons.....	3963	n.a.	7.8	9.3	3.0	3.9	4.8	5.4	44.2	55.5
Needles, pins, and fasteners.....	3964	n.a.	11.0	12.6	4.3	4.5	6.7	8.1	63.8	63.7
Miscellaneous manufactures.....	399	142.5	13.7	13.0	5.2	5.1	8.5	7.9	77.3	72.8
Brooms and brushes.....	3991	n.a.	13.7	14.8	5.8	6.6	7.9	8.2	94.3	79.4
Signs and advertising displays.....	3993	48.2	14.5	14.0	5.2	5.3	9.3	8.7	79.7	72.0
Burial caskets.....	3995	n.a.	17.0	15.7	5.6	5.3	11.4	10.4	64.2	75.4
Hard surface floor coverings.....	3996	n.a.	11.2	11.1	5.5	5.1	5.7	6.0	117.9	88.8
Manufacturing industries, n.e.c.....	3999	n.a.	12.4	11.4	4.7	4.5	7.6	6.9	64.9	67.9
Nondurable goods.....		8,290.0	11.8	11.8	5.0	5.3	6.8	6.5	78.4	82.3
Food and kindred products.....	20	1,728.1	19.4	19.9	8.9	9.5	10.5	10.4	132.2	141.8
Meat products.....	201	359.5	28.4	29.8	13.2	14.3	15.2	15.5	168.9	194.0
Meatpacking plants.....	2011	163.0	32.8	36.9	16.0	18.3	16.8	18.5	201.3	243.2
Sausages and other prepared meats.....	2013	69.3	24.9	23.2	11.2	11.8	13.7	11.4	158.1	175.4
Poultry dressing plants.....	2016	111.7	23.6	23.9	9.9	10.2	13.6	13.6	125.8	137.7
Poultry and egg processing.....	2017	n.a.	22.8	22.4	9.3	9.6	13.5	12.8	115.0	120.8
Dairy products.....	202	180.4	15.8	15.9	7.3	7.4	8.5	8.5	114.1	115.8
Creamery butter.....	2021	n.a.	14.4	15.7	5.8	5.9	8.6	9.8	81.5	86.5
Cheese, natural and processed.....	2022	33.2	15.9	14.9	8.0	6.8	7.9	8.1	111.6	113.6
Condensed and evaporated milk.....	2023	n.a.	13.2	12.5	6.1	6.6	7.1	5.9	81.5	95.8
Ice cream and frozen desserts.....	2024	n.a.	15.4	18.4	7.4	8.8	8.0	9.6	107.0	109.3
Fluid milk.....	2026	110.3	16.1	16.2	7.3	7.5	8.8	8.7	120.0	120.8
Preserved fruits and vegetables.....	203	254.9	17.1	17.2	8.0	8.3	9.1	8.9	124.9	124.2
Canned specialties.....	2032	25.1	11.9	11.9	5.5	6.1	6.4	5.8	90.6	96.5
Canned fruits and vegetables.....	2033	102.9	19.2	18.7	8.5	8.6	10.7	10.1	122.9	122.7
Dehydrated fruits, vegetables, soups....	2034	n.a.	17.6	18.6	9.7	9.6	7.9	9.0	140.6	161.1
Pickles, sauces, and salad dressings....	2035	n.a.	15.6	17.5	6.7	8.1	8.9	9.3	143.0	107.8
Frozen fruits and vegetables.....	2037	49.8	19.4	17.1	9.8	8.4	9.6	8.7	152.9	137.7
Frozen specialties.....	2038	n.a.	13.2	15.7	6.5	8.2	6.7	7.5	99.8	122.0
Grain mill products.....	204	143.5	15.0	15.6	6.9	7.7	8.1	7.9	126.0	129.7
Flour and other grain mill products.....	2041	25.1	15.3	16.1	7.2	8.2	8.1	7.9	125.8	138.6
Cereal breakfast foods.....	2043	n.a.	15.1	14.1	6.9	6.9	8.2	7.2	175.9	148.8
Rice milling.....	2044	n.a.	18.0	19.6	9.1	10.0	8.8	9.6	214.2	153.6
Blended and prepared flour.....	2045	n.a.	12.7	14.0	6.5	7.7	6.2	6.3	97.5	111.3
Wet corn milling.....	2046	n.a.	10.4	10.8	4.1	6.2	6.3	4.6	73.0	93.2
Dog, cat, and other pet food.....	2047	n.a.	17.2	19.1	8.2	9.1	9.0	10.0	166.2	158.7
Prepared feeds, n.e.c.....	2048	58.7	15.3	15.7	6.9	7.5	8.4	8.2	109.1	120.4
Bakery products.....	205	232.8	13.8	14.3	6.4	7.0	7.4	7.3	119.3	129.2
Bread, cake, and related products.....	2051	188.6	13.7	14.5	6.4	7.1	7.3	7.4	115.9	128.8
Cookies and crackers.....	2052	44.2	14.1	13.5	6.5	6.6	7.6	6.9	136.1	131.2

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Sugar and confectionery products.....	206	108.8	14.8	14.5	7.1	7.3	7.7	7.2	104.2	111.2
Raw cane sugar.....	2061	n.a.	25.5	24.0	11.7	10.8	13.7	13.1	134.9	184.3
Cane sugar refining.....	2062	n.a.	11.9	11.6	6.7	6.8	5.1	4.8	166.2	129.0
Beet sugar.....	2063	n.a.	22.3	19.3	12.7	13.2	9.6	6.1	125.0	139.7
Confectionery products.....	2065	58.4	13.1	13.8	5.8	6.4	7.3	7.4	87.6	99.2
Chocolate and cocoa products.....	2066	n.a.	10.9	10.3	4.1	4.5	6.8	5.7	62.1	77.3
Chewing gum.....	2067	n.a.	11.0	12.0	5.9	5.0	5.1	7.0	117.7	98.7
Fats and oils.....	207	44.1	20.2	20.0	9.2	9.5	11.0	10.5	144.7	159.1
Cottonseed oil mills.....	2074	n.a.	18.0	19.9	7.9	8.9	10.0	11.0	165.4	228.5
Soybean oil mills.....	2075	n.a.	16.5	15.9	7.8	8.1	8.7	7.8	126.5	137.1
Vegetable oil mills, n.e.c.....	2076	n.a.	12.8	17.3	4.9	8.9	7.9	8.4	83.6	195.4
Animal and marine fats and oils.....	2077	n.a.	26.5	26.8	12.8	14.6	13.7	12.2	181.3	191.8
Shortening and cooking oils.....	2079	n.a.	18.3	18.0	7.6	6.9	10.7	11.0	115.2	108.6
Beverages.....	208	238.0	23.0	23.5	10.0	10.6	13.0	12.9	132.7	146.8
Malt beverages.....	2082	52.0	19.3	18.1	6.7	6.5	12.6	11.6	123.3	121.5
Malt.....	2083	n.a.	27.3	27.9	16.8	14.1	10.5	13.8	249.9	255.7
Wines, brandy, and brandy spirits.....	2084	n.a.	23.4	24.8	12.2	12.1	11.2	12.7	153.3	149.4
Distilled liquor, except brandy.....	2085	n.a.	16.1	17.6	7.6	8.4	8.5	9.2	123.2	150.4
Bottled and canned soft drinks.....	2086	140.5	26.4	27.4	11.8	12.8	14.5	14.6	141.4	162.7
Flavoring extracts and syrups, n.e.c.....	2087	n.a.	8.2	9.9	3.7	4.7	4.5	5.2	52.7	55.2
Miscellaneous foods and kindred products..	209	166.3	16.3	16.8	7.5	8.0	8.8	8.8	120.6	118.7
Canned and cured seafoods.....	2091	n.a.	22.3	24.4	10.2	10.4	12.1	14.0	173.5	163.5
Fresh or frozen packaged fish.....	2092	n.a.	20.4	22.0	10.0	10.7	10.3	11.3	150.0	143.1
Roasted coffee.....	2095	n.a.	-	11.7	-	5.6	-	6.1	-	79.0
Macaroni and spaghetti.....	2098	n.a.	17.5	18.8	9.2	9.7	8.3	9.1	163.6	198.5
Food preparations, n.e.c.....	2099	n.a.	14.7	14.2	6.5	6.7	8.2	7.5	102.4	100.5
Tobacco manufactures.....	21	69.9	8.7	9.3	4.0	4.2	4.6	5.0	58.6	64.8
Cigarettes.....	211	45.3	7.7	7.9	4.1	4.1	3.5	3.8	60.0	64.3
Cigars.....	212	n.a.	6.9	7.4	2.7	3.0	4.2	4.4	41.4	64.3
Chewing and smoking tobacco.....	213	n.a.	11.8	12.0	3.3	4.2	8.5	7.8	49.3	57.5
Tobacco stemming and redrying.....	214	n.a.	13.6	14.4	5.1	5.5	8.5	8.9	69.0	69.5
Textile mill products.....	22	888.5	10.2	9.7	3.4	3.4	6.8	6.3	61.5	61.3
Weaving mills, cotton.....	221	151.3	7.7	7.4	1.9	1.9	5.8	5.5	48.5	47.7
Weaving mills, synthetics.....	222	121.9	7.7	8.9	2.2	2.9	5.4	6.0	44.9	60.5
Weaving and finishing mills, wool.....	223	19.9	14.9	13.6	6.6	6.6	8.3	7.0	118.6	110.6
Narrow fabric mills.....	224	25.5	10.9	11.0	4.1	4.7	6.8	6.3	62.4	73.7
Knitting mills.....	225	229.3	8.5	7.7	3.1	2.9	5.4	4.7	46.5	41.9
Women's hosiery, except socks.....	2251	31.4	5.1	4.3	2.0	1.8	3.1	2.4	36.3	25.1
Hosiery, n.e.c.....	2252	33.3	5.8	5.2	2.3	2.2	3.4	3.0	34.9	34.8
Knit outerwear mills.....	2253	72.5	7.5	6.2	2.6	2.1	4.9	4.1	35.9	30.3
Knit underwear mills.....	2254	32.3	9.4	8.6	3.5	3.5	5.9	5.1	49.2	38.3
Circular knit fabric mills.....	2257	33.7	12.0	12.0	4.4	4.6	7.6	7.4	70.3	70.6
Warp knit fabric mills.....	2258	n.a.	12.1	11.5	3.5	4.1	8.5	7.4	61.1	65.3
Knitting mills, n.e.c.....	2259	n.a.	14.3	11.0	7.4	5.4	6.9	5.5	66.9	64.6
Textile finishing, except wool.....	226	77.9	13.0	12.6	4.9	4.9	8.1	7.7	91.4	86.2
Finishing plants, cotton.....	2261	31.0	11.1	10.6	4.4	3.9	6.7	6.6	84.8	77.9
Finishing plants, synthetics.....	2262	30.4	13.7	13.6	5.2	5.4	8.5	8.2	95.4	94.9
Finishing plants, n.e.c.....	2269	n.a.	15.6	14.9	5.2	5.9	10.4	9.0	98.2	86.3
Floor covering mills.....	227	60.3	13.9	12.1	4.2	3.9	9.6	8.2	73.7	64.2
Woven carpets and rugs.....	2271	n.a.	10.0	11.4	3.5	4.3	6.5	7.1	66.0	55.3
Tufted carpets and rugs.....	2272	n.a.	14.7	12.5	4.4	3.9	10.3	8.6	75.4	66.4
Yarn and thread mills.....	228	133.1	11.7	10.9	3.2	3.3	8.4	7.6	61.7	62.3
Yarn mills, except wool.....	2281	87.3	11.8	11.3	3.0	3.0	8.7	8.2	61.5	57.7
Throwing and winding mills.....	2282	25.9	11.3	10.5	3.4	3.6	7.9	6.9	49.3	70.2
Wool yarn mills.....	2283	n.a.	15.3	11.2	5.5	5.2	9.8	6.0	101.3	100.0
Thread mills.....	2284	n.a.	7.7	8.8	2.4	3.0	5.3	5.8	45.9	45.3
Miscellaneous textile goods.....	229	69.4	15.0	13.7	6.3	5.9	8.7	7.8	105.5	101.0
Felt goods, except woven felts and hats.	2291	n.a.	23.5	18.7	10.8	8.1	12.7	10.6	164.6	130.5
Lace goods.....	2292	n.a.	10.9	9.5	3.1	3.5	7.8	6.0	70.8	92.0
Paddings and upholstery filling.....	2293	n.a.	18.4	15.1	9.9	8.4	8.4	6.6	176.4	153.6
Processed textile waste.....	2294	n.a.	16.3	13.5	6.5	5.8	9.7	7.7	91.0	108.2
Coated fabrics, not rubberized.....	2295	n.a.	16.7	14.7	6.7	6.2	9.9	8.5	128.6	101.1
Tire cord and fabric.....	2296	n.a.	6.8	7.6	2.9	3.8	3.9	3.7	68.8	73.3
Nonwoven fabrics.....	2297	n.a.	14.0	13.9	5.4	4.9	8.6	9.0	92.6	93.1
Cordage and twine.....	2298	n.a.	14.9	17.4	6.1	6.5	8.8	10.9	87.0	85.1
Textile goods, n.e.c.....	2299	n.a.	13.2	12.6	5.0	5.7	8.2	6.9	64.6	95.0

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Apparel and other textile products.....	23	1,312.5	6.5	6.5	2.2	2.2	4.3	4.3	32.4	34.1
Men's and boys' suits and coats.....	231	81.6	6.3	6.8	2.3	2.6	4.0	4.2	37.4	47.0
Men's and boys' furnishings.....	232	365.6	7.7	8.1	2.7	2.9	5.0	5.2	40.4	44.4
Men's and boys' shirts and nightwear....	2321	103.8	5.8	6.0	2.0	2.1	3.8	3.9	27.4	30.2
Men's and boys' underwear.....	2322	n.a.	8.0	7.1	2.8	2.5	5.2	4.6	42.0	43.9
Men's and boys' neckwear.....	2323	n.a.	3.5	3.1	.9	.9	2.6	2.2	25.2	16.8
Men's and boys' separate trousers.....	2327	78.7	7.0	8.6	2.5	3.0	4.5	5.5	36.7	48.8
Men's and boys' work clothing.....	2328	101.1	10.4	10.6	3.8	4.1	6.5	6.5	61.1	63.2
Men's and boys' clothing, n.e.c.....	2329	n.a.	8.2	7.7	2.5	2.5	5.7	5.2	37.3	33.9
Women's and misses' outerwear.....	233	438.7	4.8	4.2	1.3	1.3	3.5	2.9	17.6	19.5
Women's and misses' blouses and waists..	2331	63.7	4.6	3.2	1.0	.8	3.6	2.4	13.9	12.0
Women's and misses' dresses.....	2335	159.3	3.4	2.7	.9	.8	2.4	1.9	11.6	12.3
Women's and misses' suits and coats.....	2337	64.0	4.5	4.0	1.3	1.3	3.2	2.7	18.5	24.3
Women's and misses' outerwear, n.e.c....	2339	151.8	6.6	6.1	1.9	1.9	4.7	4.2	25.1	28.1
Women's and children's undergarments.....	234	92.0	6.2	6.4	1.7	1.8	4.4	4.6	30.2	30.8
Women's and children's underwear.....	2341	73.3	6.3	6.4	1.8	1.8	4.5	4.6	30.4	32.6
Brassieres and allied garments.....	2342	18.7	5.5	6.5	1.7	1.6	3.8	4.9	29.3	23.3
Hats, caps, and millinery.....	235	n.a.	7.5	7.7	2.7	2.5	4.8	5.1	33.1	37.2
Millinery.....	2351	n.a.	4.4	4.4	.9	1.1	3.5	3.3	10.3	32.3
Hats and caps, except millinery.....	2352	n.a.	-	8.2	-	2.8	-	5.4	-	38.0
Children's outerwear.....	236	65.3	5.3	5.8	1.8	1.8	3.4	4.0	29.5	30.2
Children's dresses and blouses.....	2361	26.7	4.3	5.6	1.2	1.7	3.1	3.9	20.9	30.3
Children's coats and suits.....	2363	n.a.	-	5.9	-	1.8	-	4.1	-	32.5
Children's outerwear, n.e.c.....	2369	n.a.	5.4	6.0	2.2	2.0	3.2	4.0	33.0	29.7
Miscellaneous apparel and accessories.....	238	58.2	6.4	6.1	2.2	2.4	4.2	3.7	31.9	30.0
Fabric dress and work gloves.....	2381	n.a.	5.3	4.9	2.3	2.4	3.0	2.5	38.6	35.1
Robes and dressing gowns.....	2384	n.a.	6.0	5.3	1.6	1.6	4.3	3.7	24.7	19.4
Waterproof outer garments.....	2385	n.a.	7.0	5.6	1.9	2.1	5.1	3.5	34.7	31.1
Apparel belts.....	2387	n.a.	8.3	9.8	2.6	3.3	5.7	6.5	31.3	37.1
Apparel and accessories, n.e.c.....	2389	n.a.	6.5	6.1	2.4	2.3	4.1	3.8	22.8	21.6
Miscellaneous fabricated textile products.....	239	190.5	8.9	8.9	3.3	3.3	5.6	5.6	49.1	45.5
Curtains and draperies.....	2391	29.1	8.6	8.6	3.2	2.9	5.3	5.7	50.3	40.9
House furnishings, n.e.c.....	2392	53.4	9.7	10.5	3.6	3.6	6.1	6.9	47.3	48.6
Textile bags.....	2393	n.a.	11.9	13.6	4.5	5.4	7.4	8.2	90.1	104.7
Canvas and related products.....	2394	n.a.	10.9	12.3	3.8	4.5	7.1	7.8	59.6	63.5
Pleating and stitching.....	2395	n.a.	6.1	5.3	2.5	2.2	3.6	3.1	35.4	27.7
Automotive and apparel trimmings.....	2396	35.2	7.2	6.4	2.8	2.5	4.4	3.9	43.0	34.0
Schiffli machine embroideries.....	2397	n.a.	6.2	4.5	2.8	1.9	3.4	2.6	49.2	20.8
Fabricated textile products, n.e.c.....	2399	n.a.	9.8	8.4	3.5	3.4	6.3	5.0	47.8	42.4
Paper and allied products.....	26	706.7	13.5	13.5	5.7	6.0	7.8	7.5	103.3	108.4
Pulp mills.....	261	n.a.	11.1	11.6	3.5	4.5	7.6	7.1	82.7	98.7
Paper mills, except building paper.....	262	177.5	10.3	11.0	4.6	4.9	5.7	6.0	106.5	108.4
Paperboard mills.....	263	65.1	12.3	12.9	4.9	5.0	7.4	7.8	106.7	102.5
Miscellaneous converted paper products....	264	220.1	14.0	14.0	5.8	6.1	8.2	7.9	89.9	97.2
Paper coating and glazing.....	2641	57.9	10.8	11.4	4.4	5.0	6.4	6.4	67.6	80.1
Envelopes.....	2642	24.6	16.8	17.9	6.6	7.9	10.1	9.9	100.3	114.3
Bags, except textile bags.....	2643	50.6	16.2	15.8	6.8	6.4	9.4	9.4	99.3	101.1
Die-cut paper and board.....	2645	n.a.	13.4	13.8	6.1	6.2	7.3	7.6	90.7	95.7
Pressed and molded pulp goods.....	2646	n.a.	17.9	17.1	7.5	7.4	10.4	9.7	136.6	132.0
Sanitary paper products.....	2647	n.a.	10.3	10.5	3.9	4.5	6.4	6.0	83.2	90.0
Stationery products.....	2648	n.a.	15.8	15.9	6.4	8.0	9.4	7.9	83.9	111.2
Converted paper products, n.e.c.....	2649	n.a.	16.4	15.1	7.2	7.0	9.1	8.1	105.6	107.4
Paperboard containers and boxes.....	265	214.9	16.4	15.9	6.8	7.1	9.6	8.8	114.0	121.6
Folding paperboard boxes.....	2651	45.2	15.7	14.4	6.3	6.0	8.4	8.4	99.3	101.6
Set-up paperboard boxes.....	2652	n.a.	12.9	12.8	5.2	5.2	7.7	7.6	92.5	90.1
Corrugated and solid fiber boxes.....	2653	110.5	18.5	17.7	7.7	8.1	10.7	9.6	127.7	139.8
Sanitary food containers.....	2654	26.8	12.4	12.7	5.5	5.9	6.9	6.8	104.3	96.0
Fiber cans, drums, and similar products.....	2655	n.a.	15.5	15.1	5.9	6.6	9.6	8.5	98.7	119.2
Building paper and board mills.....	266	n.a.	13.3	11.1	5.7	5.7	7.6	5.3	106.7	122.5
Printing and publishing.....	27	1,239.5	7.0	7.1	2.9	3.1	4.1	4.0	43.8	45.1
Newspapers.....	271	423.0	5.8	6.0	2.6	2.8	3.2	3.2	44.2	46.2
Periodicals.....	272	80.5	2.9	2.8	1.2	1.3	1.7	1.5	16.9	18.9

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Books.....	273	103.4	7.2	7.3	2.7	2.9	4.5	4.4	36.6	39.4
Book publishing.....	2731	70.7	4.8	5.0	2.0	2.0	2.8	3.0	24.3	26.0
Book printing.....	2732	32.7	12.3	12.1	4.2	4.7	8.1	7.4	63.4	66.5
Miscellaneous publishing.....	274	45.7	2.7	3.2	1.2	1.5	1.5	1.7	19.0	20.8
Commercial printing.....	275	409.2	8.7	8.6	3.6	3.7	5.1	4.9	53.0	50.9
Commercial printing, letterpress.....	2751	167.4	7.7	8.1	3.3	3.5	4.4	4.6	50.8	49.3
Commercial printing, lithographic.....	2752	219.2	9.1	8.8	3.6	3.5	5.5	5.2	52.5	49.0
Engraving and plate printing.....	2753	n.a.	8.0	7.2	2.7	3.3	5.3	3.9	55.0	44.6
Commercial printing, gravure.....	2754	n.a.	16.0	15.2	8.4	8.0	7.6	7.2	94.5	113.1
Manifold business forms.....	276	46.7	11.7	13.1	4.9	5.6	6.7	7.5	57.4	69.4
Greeting card publishing.....	277	n.a.	6.4	6.4	2.7	2.8	3.7	3.6	32.4	39.5
Blankbooks and bookbinding.....	278	64.0	11.0	10.0	4.2	4.0	6.8	6.0	58.4	55.5
Blankbooks and looseleaf binders.....	2782	n.a.	10.7	9.8	4.3	3.8	6.4	6.0	52.6	52.2
Bookbinding and related work.....	2789	n.a.	11.4	10.2	4.0	4.3	7.3	5.9	67.5	61.0
Printing trade services.....	279	43.2	2.5	3.1	.9	1.2	1.6	1.9	14.1	22.6
Typesetting.....	2791	n.a.	1.6	2.3	.6	1.0	1.0	1.2	10.8	26.0
Photoengraving.....	2793	n.a.	3.2	3.9	1.3	1.2	1.9	2.7	15.2	17.3
Electrotyping and stereotyping.....	2794	n.a.	5.8	5.9	1.8	1.7	4.0	4.1	17.6	18.0
Lithographic platemaking services.....	2795	n.a.	4.3	4.8	1.4	1.7	2.9	3.1	24.9	17.0
Chemicals and allied products.....	28	1,110.7	7.8	7.7	3.3	3.5	4.5	4.2	50.9	54.9
Industrial inorganic chemicals.....	281	163.3	6.2	5.8	2.6	2.6	3.6	3.2	49.6	46.9
Alkalies and chlorine.....	2812	n.a.	5.1	4.8	2.4	2.4	2.7	2.4	54.9	44.2
Inorganic pigments.....	2816	n.a.	10.0	9.5	4.9	4.2	5.1	5.3	88.6	58.5
Industrial inorganic chemicals, n.e.c.....	2819	106.7	5.9	5.3	2.2	2.3	3.7	3.0	40.7	43.3
Plastics materials and synthetics.....	282	211.3	5.7	5.4	2.3	2.4	3.4	3.0	35.8	41.4
Plastics materials and resins.....	2821	86.3	8.7	8.9	3.8	4.2	4.9	4.7	53.3	71.6
Cellulosic man-made fibers.....	2823	n.a.	-	2.9	-	1.1	-	1.8	-	25.3
Organic fibers, noncellulosic.....	2824	96.6	2.5	2.3	.8	.7	1.7	1.6	17.9	14.4
Drugs.....	283	193.4	6.7	7.0	3.0	3.4	3.7	3.6	42.7	47.3
Biological products.....	2831	n.a.	6.4	7.7	3.1	3.2	3.3	4.5	49.0	51.9
Medicinals and botanicals.....	2833	n.a.	7.1	8.8	4.0	4.0	3.1	4.7	58.2	54.1
Pharmaceutical preparations.....	2834	154.2	6.7	6.8	2.9	3.3	3.8	3.5	40.0	45.9
Soap, cleaners, and toilet goods.....	284	139.0	9.8	9.7	4.5	4.8	5.3	4.9	68.0	71.5
Soap and other detergents.....	2841	41.2	8.7	9.3	4.5	4.7	4.1	4.6	69.1	77.9
Polishes and sanitation goods.....	2842	n.a.	12.8	12.7	5.2	6.1	7.6	6.6	81.8	81.7
Surface active agents.....	2843	n.a.	14.2	9.8	5.9	4.9	8.3	4.9	78.9	64.7
Toilet preparations.....	2844	58.0	8.5	8.2	3.9	4.0	4.6	4.2	58.2	61.5
Paints and allied products.....	285	68.8	14.3	13.4	6.0	5.9	8.2	7.5	78.1	81.2
Industrial organic chemicals.....	286	171.7	6.2	5.7	2.5	2.5	3.7	3.2	41.4	46.6
Gum and wood chemicals.....	2861	n.a.	9.2	9.7	4.0	4.5	5.2	5.2	64.3	71.2
Cyclic crudes and intermediates.....	2865	37.2	9.9	7.7	3.8	3.3	6.0	4.3	63.1	58.8
Industrial organic chemicals, n.e.c.....	2869	n.a.	5.0	4.9	2.1	2.1	2.9	2.8	33.8	41.6
Agricultural chemicals.....	287	69.9	9.1	9.9	3.6	4.2	5.5	5.6	56.7	62.3
Nitrogenous fertilizers.....	2873	n.a.	7.8	9.0	2.9	3.1	4.9	5.9	43.1	50.2
Phosphate fertilizers.....	2874	n.a.	8.4	7.9	2.9	3.1	5.5	4.8	62.0	54.3
Fertilizers, mixing only.....	2875	n.a.	13.4	13.0	4.8	5.4	8.6	7.6	79.5	85.8
Agricultural chemicals, n.e.c.....	2879	n.a.	7.9	9.8	3.7	4.9	4.2	4.9	49.4	61.1
Miscellaneous chemical products.....	289	93.4	11.6	12.8	5.1	5.9	6.5	6.9	73.4	81.8
Adhesives and sealants.....	2891	n.a.	14.2	16.2	5.9	7.9	8.3	8.3	81.8	83.4
Explosives.....	2892	n.a.	5.7	5.7	2.4	2.4	3.3	3.5	53.1	45.0
Printing ink.....	2893	n.a.	13.4	13.5	5.3	5.9	8.1	7.6	71.4	91.1
Carbon black.....	2895	n.a.	7.3	8.1	4.3	4.3	3.0	3.8	86.5	88.8
Chemical preparations, n.e.c.....	2899	n.a.	12.4	13.6	5.6	6.3	6.8	7.3	75.8	88.9
Petroleum and coal products.....	29	210.0	7.9	7.7	3.4	3.6	4.5	4.1	58.3	62.0
Petroleum refining.....	291	165.4	6.0	5.6	2.7	2.7	3.3	2.9	46.0	46.0
Paving and roofing materials.....	295	32.6	14.4	15.6	5.7	6.9	8.7	8.7	105.7	122.0
Paving mixtures and blocks.....	2951	n.a.	11.1	14.0	4.1	5.8	7.0	8.1	71.4	95.3
Asphalt felts and coatings.....	2952	n.a.	16.3	16.4	6.6	7.4	9.7	8.9	125.8	135.6
Miscellaneous petroleum and coal products.....	299	n.a.	16.6	15.3	7.1	7.3	9.5	8.0	92.1	112.8
Lubricating oils and greases.....	2992	n.a.	13.8	14.9	5.9	7.3	7.9	7.6	79.0	117.1
Petroleum and coal products, n.e.c.....	2999	n.a.	27.2	17.3	11.4	7.3	15.7	10.0	140.9	90.0

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Rubber and miscellaneous plastics products..	30	775.6	17.1	17.1	8.1	8.2	9.0	8.9	125.5	127.1
Tires and inner tubes.....	301	121.9	15.4	15.0	11.4	11.2	3.9	3.8	207.1	207.1
Rubber and plastics footwear.....	302	23.0	12.9	14.3	6.6	6.3	6.3	8.0	84.7	116.0
Reclaimed rubber.....	303	n.a.	30.5	30.0	17.4	22.4	13.1	7.6	373.3	510.4
Rubber and plastics hose and belting.....	304	n.a.	13.9	15.0	6.9	7.2	7.0	7.8	118.1	104.5
Fabricated rubber products, n.e.c.....	306	118.7	17.0	17.3	8.2	8.7	8.8	8.6	125.3	140.1
Miscellaneous plastics products.....	307	487.7	18.1	17.8	7.2	7.5	10.9	10.3	104.2	104.2
Leather and leather products.....	31	248.0	11.7	11.5	4.7	4.9	6.9	6.6	72.5	76.2
Leather tanning and finishing.....	311	19.9	23.8	21.8	11.8	11.9	11.9	9.9	203.1	182.8
Boot and shoe cut stock and findings.....	313	n.a.	16.0	13.5	6.0	5.6	10.0	7.9	96.2	79.5
Footwear, except rubber.....	314	151.2	10.4	10.7	4.1	4.4	6.2	6.3	62.6	70.1
House slippers.....	3142	n.a.	9.0	9.7	4.0	4.6	5.0	5.1	65.0	71.1
Men's footwear, except athletic.....	3143	58.6	10.9	12.5	4.5	4.9	6.4	7.6	61.9	79.5
Women's footwear, except athletic.....	3144	60.6	9.5	9.3	3.6	4.0	5.9	5.3	62.5	68.0
Footwear, except rubber, n.e.c.....	3149	n.a.	11.4	10.5	4.4	3.9	7.0	6.5	64.3	53.2
Leather gloves and mittens.....	315	n.a.	5.4	5.6	2.4	2.5	3.0	3.1	23.2	64.5
Luggage.....	316	17.6	11.2	12.6	4.5	5.6	6.7	7.0	52.6	83.2
Handbags and personal leather goods.....	317	33.2	9.2	7.9	2.9	2.8	6.3	5.0	39.7	40.1
Women's handbags and purses.....	3171	n.a.	7.9	7.1	2.0	2.1	5.9	5.0	31.8	26.0
Personal leather goods, n.e.c.....	3172	n.a.	10.5	8.9	3.8	3.9	6.6	5.0	47.8	59.1
Leather goods, n.e.c.....	319	n.a.	-	12.1	-	4.6	-	7.5	-	56.8
Transportation and public utilities.....		5,141.0	10.1	10.2	5.7	5.9	4.3	4.1	102.3	107.0
Railroad transportation ^{8/}	40	555.7	12.0	12.4	7.6	8.1	4.3	4.3	99.6	105.9
Local and interurban passenger transit.....	41	264.4	8.7	9.3	4.7	5.1	4.0	4.1	84.9	97.5
Trucking and warehousing.....	42	1,343.0	16.2	15.8	9.4	9.5	6.8	6.3	177.1	188.7
Trucking, local and long distance.....	421	n.a.	16.3	15.7	9.5	9.5	6.7	6.2	182.1	192.2
Public warehousing.....	422	90.9	15.5	16.5	7.4	8.1	8.0	8.4	105.7	139.6
Trucking terminal facilities.....	423	n.a.	17.9	21.8	9.5	12.1	8.4	9.7	176.4	176.3
Water transportation.....	44	216.7	14.4	14.1	7.8	7.8	6.6	6.2	272.1	286.1
Water transportation services.....	446	n.a.	21.9	21.1	12.2	11.8	9.6	9.2	459.5	467.0
Transportation by air.....	45	437.0	13.4	13.7	8.4	8.6	4.9	5.1	95.8	102.4
Pipelines, except natural gas.....	46	19.7	4.7	4.6	1.9	1.6	2.8	3.0	29.3	21.9
Transportation services.....	47	187.6	5.5	6.0	2.7	3.0	2.8	3.0	41.7	47.0
Miscellaneous transportation services.....	478	n.a.	17.9	21.8	7.6	10.1	10.3	11.7	119.8	169.3
Communication.....	48	1,310.2	2.7	2.8	1.5	1.7	1.2	1.1	28.7	29.0
Electric, gas, and sanitary services.....	49	806.8	9.0	8.9	4.4	4.4	4.6	4.5	76.5	73.0
Electric services.....	491	373.6	-	8.2	-	3.7	-	4.5	-	61.6
Sanitary services.....	495	47.6	25.9	24.1	15.1	14.2	10.8	9.8	223.0	209.8
Wholesale and retail trade.....		20,269.0	7.9	8.0	3.2	3.4	4.7	4.6	44.9	49.0
Wholesale trade.....		5,204.0	8.9	8.8	3.9	4.1	5.0	4.7	57.5	59.1
Wholesale trade—durable goods.....	50	3,084.0	8.6	8.6	3.6	3.8	5.0	4.8	51.8	52.8
Wholesale trade—nondurable goods.....	51	2,120.0	9.3	9.1	4.4	4.5	4.9	4.5	65.8	68.7
Retail trade.....		15,066.0	7.5	7.7	2.8	3.1	4.7	4.6	39.7	44.7
Building materials and garden supplies....	52	629.5	9.8	9.5	4.2	4.2	5.6	5.3	60.6	61.3
Lumber and other building materials.....	521	n.a.	-	12.1	-	5.6	-	6.5	-	80.4
General merchandise stores.....	53	2,276.2	9.1	9.8	3.8	4.2	5.3	5.6	48.6	55.9
Food stores.....	54	2,298.1	10.7	11.7	4.2	5.1	6.5	6.6	67.2	82.3
Automotive dealers and service stations...	55	1,827.5	8.0	7.9	2.5	2.7	5.4	5.2	39.0	41.7
Apparel and accessory stores.....	56	950.2	2.3	2.6	.9	.9	1.4	1.7	14.8	16.2
Furniture and home furnishings stores....	57	613.1	5.1	4.7	2.4	2.4	2.6	2.3	38.6	40.1
Eating and drinking places.....	58	4,580.4	7.5	7.6	2.5	2.8	4.9	4.8	28.7	32.4
Miscellaneous retail.....	59	1,890.5	3.8	3.8	1.6	1.6	2.1	2.2	23.8	25.1
Finance, insurance, and real estate.....		4,974.0	2.1	2.1	.8	.9	1.2	1.2	12.5	13.3
Banking.....	60	1,492.3	1.5	1.7	.6	.7	.9	1.0	7.4	10.1
Credit agencies other than banks.....	61	552.6	1.1	1.3	.4	.5	.7	.8	5.2	5.2
Security, commodity brokers, and services...	62	201.4	.8	1.1	.3	.4	.5	.7	4.6	3.8
Insurance carriers.....	63	1,204.8	1.9	2.0	.7	.8	1.2	1.2	12.1	10.3
Insurance agents, brokers and service.....	64	430.2	.8	.8	.3	.3	.4	.5	-	5.2
Real estate.....	65	956.0	4.9	4.7	2.2	2.3	2.6	2.4	33.6	34.9

See footnotes at end of table.

Table 1. Continued—Occupational Injury and Illness Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	1979 annual average employment (in thousands) ^{4/}	Incidence rates per 100 full-time workers ^{5/}							
			Total cases ^{6/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1978	1979	1978	1979	1978	1979	1978	1979
Services.....		16,754.0	5.5	5.5	2.4	2.5	3.1	3.0	36.2	38.1
Hotels and other lodging places.....	70	1,053.4	9.2	9.1	3.6	3.7	5.6	5.3	51.5	51.8
Personal services.....	72	923.9	3.5	3.2	1.5	1.5	1.9	1.7	28.1	25.5
Business services.....	73	2,875.0	4.9	5.0	2.2	2.4	2.7	2.6	34.9	35.4
Auto repair, services, and garages.....	75	578.4	8.2	8.0	3.4	3.5	4.8	4.5	42.2	57.0
Miscellaneous repair services.....	76	286.7	10.0	9.3	4.5	4.2	5.5	5.1	69.3	70.8
Miscellaneous repair shops.....	769	n.a.	12.4	11.9	5.4	5.3	7.0	6.6	80.4	89.3
Motion pictures.....	78	226.6	4.2	5.2	1.3	1.6	2.9	3.6	25.7	27.5
Amusement and recreation services.....	79	705.0	8.4	8.3	3.7	3.7	4.7	4.6	46.7	58.5
Health services.....	80	4,979.4	6.8	6.8	3.0	3.2	3.7	3.6	48.1	49.9
Educational services.....	82	1,086.2	3.2	3.3	1.3	1.3	1.9	2.0	19.5	17.2
Social services.....	83	1,085.8	6.0	5.9	2.6	2.5	3.4	3.4	37.8	41.5
Museums, botanical, and zoological gardens.....	84	n.a.	7.3	6.8	2.7	2.7	4.6	4.1	35.1	26.5
Miscellaneous services.....	89	944.4	1.9	2.2	.7	.8	1.2	1.3	10.3	11.1

¹ To compare 1978 and 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² Totals for divisions and 2- and 3-digit sic codes include data for industries not shown separately.

³ Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.

⁴ Annual average employment for nonagricultural industries is based on the employment and earnings survey conducted by the Bureau of Labor Statistics, in cooperation with the State agencies. The employment estimate for the services division is adjusted to exclude the employment for (a) nonfarm portion of agricultural services and (b) nonclassifiable establishments. Annual average employment for the agriculture, forestry, and fishing division is a composite of data from State unemployment insurance programs, and estimates of hired-farm workers engaged in agricultural production provided by the U.S. Department of Agriculture. The agricultural production employment estimate as originally published by the Department of Agriculture is adjusted to exclude employment on farms with fewer than 11 employees.

⁵ The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as: (N/EH X 200,000), where

N = number of injuries and illnesses or lost workdays
 EH = Total hours worked by all employees during calendar year
 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

* Includes fatalities. Because of rounding, the difference between the total and the sum of the rates for lost workday cases and nonfatal cases without lost workdays does not reflect the fatality rate.

⁷ Excludes farms with fewer than 11 employees.

⁸ Data conforming to OSHA definitions for coal and lignite mining (sic 11 and 12) and metal and nonmetal mining (sic 10 and 14), and for railroad transportation (sic 40) were provided by the Mine Safety and Health Administration, U.S. Department of Labor, and by the Federal Railroad Administration, U.S. Department of Transportation.

NOTE: Dashes indicate data that do not meet publication guidelines.

n.e.c. = Not elsewhere classified.

n.a. = Data not available.

Table 2. Number of occupational injuries and illnesses, and lost workdays by industry division, 1978 and 1979¹

(In thousands)

Industry division	Total cases ^{2/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
	1978	1979	1978	1979	1978	1979	1978	1979
INJURIES AND ILLNESSES								
Private sector ^{3/}	5,799.4	6,105.7	2,492.0	2,757.7	3,302.0	3,342.3	39,015.4	43,576.5
Agriculture, forestry, and fishing ^{3/}	67.1	66.0	31.4	32.2	35.6	33.7	467.0	473.9
Mining.....	98.4	108.4	55.0	64.4	42.9	43.5	1,229.2	1,434.5
Construction.....	576.6	620.4	230.9	261.9	344.5	357.4	3,945.1	4,606.5
Manufacturing.....	2,581.6	2,681.9	1,084.4	1,186.0	1,495.9	1,494.9	16,567.7	18,211.1
Transportation and public utilities...	462.9	487.3	264.5	285.9	197.4	200.3	4,706.9	5,196.1
Wholesale and retail trade.....	1,252.2	1,325.6	499.0	561.8	752.4	762.8	7,113.4	8,075.0
Wholesale trade.....	413.8	434.5	182.5	202.4	231.0	231.6	2,675.8	2,924.6
Retail trade.....	838.4	891.1	316.5	359.3	521.4	531.2	4,437.5	5,150.4
Finance, insurance, and real estate...	85.2	94.5	35.2	41.3	49.8	53.0	519.5	584.8
Services.....	675.5	721.4	291.6	324.2	383.5	396.8	4,466.6	4,994.6
INJURIES								
Private sector ^{3/}	5,656.0	5,956.8	2,438.5	2,701.4	3,212.5	3,250.4	38,173.9	42,636.9
Agriculture, forestry, and fishing ^{3/}	63.7	62.8	30.2	31.4	33.4	31.3	453.5	462.5
Mining.....	96.8	106.9	54.5	63.9	41.9	42.5	1,221.7	1,428.1
Construction.....	568.8	611.8	228.5	258.9	339.2	351.8	3,899.8	4,562.4
Manufacturing.....	2,494.9	2,594.6	1,053.2	1,152.7	1,440.6	1,440.9	16,066.7	17,630.6
Transportation and public utilities...	454.9	479.0	260.9	282.3	193.1	195.6	4,661.1	5,152.1
Wholesale and retail trade.....	1,237.2	1,309.8	492.6	555.9	744.0	752.9	7,012.2	7,967.1
Wholesale trade.....	408.4	429.0	180.5	200.3	227.6	228.2	2,644.2	2,878.4
Retail trade.....	828.8	880.8	312.0	355.6	516.4	524.8	4,368.0	5,088.7
Finance, insurance, and real estate...	83.3	92.5	34.3	40.5	48.8	51.9	502.1	566.7
Services.....	656.4	699.5	284.4	315.7	371.6	383.4	4,356.7	4,867.5
ILLNESSES								
Private sector ^{3/}	143.5	148.9	53.5	56.4	89.5	92.0	841.4	939.6
Agriculture, forestry, and fishing ^{3/}	3.4	3.2	1.2	.9	2.2	2.3	13.5	11.4
Mining.....	1.6	1.6	.5	.5	1.1	1.0	7.5	6.4
Construction.....	7.8	8.7	2.4	3.0	5.3	5.5	45.2	44.2
Manufacturing.....	86.7	87.4	31.3	33.3	55.3	54.0	500.9	580.5
Transportation and public utilities...	7.9	8.4	3.5	3.6	4.4	4.7	45.8	44.0
Wholesale and retail trade.....	15.0	15.8	6.4	5.8	8.4	9.9	101.1	107.9
Wholesale trade.....	5.4	5.5	2.0	2.1	3.4	3.4	31.6	46.2
Retail trade.....	9.6	10.3	4.4	3.7	5.0	6.5	69.5	61.7
Finance, insurance, and real estate...	1.9	2.0	.9	.8	1.0	1.1	17.4	18.1
Services.....	19.2	21.9	7.2	8.5	11.9	13.4	109.9	127.1

¹ To compare 1978 and 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² Includes fatalities.

³ Excludes farm with fewer than 11 employees.

NOTE: Because of rounding, components may not add to totals.

Table 3. Number of occupational injuries and illnesses by industry, 1979¹

Industry ^{2/}	SIC code ^{3/}	Injuries and illnesses			Injuries			Illnesses		
		Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case	Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case	Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case
Private sector ^{4/}		6,105.7	2,757.7	16	5,956.8	2,701.4	16	148.9	56.4	17
Agriculture, forestry, and fishing ^{4/}		66.0	32.2	15	62.8	31.4	15	3.2	.9	13
Agricultural production ^{4/}	01-02	38.6	18.8	13	36.7	18.3	13	1.9	.5	10
Agricultural services.....	07	25.6	12.6	16	24.4	12.2	16	1.2	.4	18
Forestry.....	08	1.4	.6	16	1.3	.6	16	.1	(6)	4
Fishing, hunting, and trapping.....	09	.5	.3	22	.4	.2	22	(6)	(6)	21
Mining.....		108.4	64.4	22	106.9	63.9	22	1.6	.5	13
Metal mining ^{5/}	10	9.0	5.3	20	8.9	5.2	20	.2	.1	10
Anthracite mining ^{5/}	11	.4	.2	24	.4	.2	25	(6)	(6)	7
Bituminous coal and lignite mining ^{5/}	12	23.5	18.8	25	23.1	18.7	25	.4	.1	14
Oil and gas extraction.....	13	65.9	33.8	22	65.2	33.6	22	.7	.2	-
Nonmetallic minerals, except fuels ^{5/}	14	9.6	6.3	19	9.4	6.2	19	.3	.1	13
Construction.....		620.4	261.9	18	611.8	258.9	18	8.7	3.0	15
General building contractors.....	15	173.0	72.1	16	171.3	71.5	16	1.7	.6	17
Heavy construction contractors.....	16	140.5	56.5	18	137.6	55.7	18	2.9	.9	13
Special trade contractors.....	17	307.0	133.3	18	302.9	131.8	18	4.0	1.5	16
Manufacturing.....		2,681.9	1,186.0	15	2,594.6	1,152.7	15	87.4	33.3	17
Durable goods.....		1,758.3	776.1	15	1,700.7	754.8	15	57.5	21.3	18
Lumber and wood products.....	24	147.7	76.9	16	146.0	76.3	16	1.7	.7	19
Furniture and fixtures.....	25	82.5	33.4	14	80.8	32.8	14	1.7	.6	19
Stone, clay, and glass products.....	32	116.4	55.7	17	113.3	54.6	17	3.1	1.1	17
Primary metal industries.....	33	211.5	99.0	17	206.2	97.2	16	5.3	1.8	27
Fabricated metal products.....	34	331.7	145.2	14	332.9	142.2	14	8.8	3.0	16
Machinery, except electrical.....	35	356.2	143.9	14	345.5	139.9	14	10.8	4.0	20
Electric and electronic equipment.....	36	177.0	70.6	15	165.6	66.3	15	11.4	4.3	19
Transportation equipment.....	37	240.1	113.6	16	229.8	109.4	16	10.3	4.1	16
Instruments and related products.....	38	47.3	18.4	14	44.6	17.5	14	2.7	.9	15
Miscellaneous manufacturing industries.....	39	48.0	19.2	14	46.1	18.6	14	1.9	.6	18
Nondurable goods.....		923.6	409.0	16	893.8	397.9	16	29.8	12.0	16
Food and kindred products.....	20	331.2	157.8	15	319.4	152.2	15	11.8	5.7	14
Tobacco manufactures.....	21	5.6	2.6	15	5.6	2.6	15	.1	(6)	8
Textile mill products.....	22	84.4	29.5	18	82.9	29.1	18	1.4	.4	13
Apparel and other textile products.....	23	74.4	25.6	15	72.5	24.9	15	2.0	.7	16
Paper and allied products.....	26	95.6	42.0	18	93.9	41.4	18	1.7	.6	19
Printing and publishing.....	27	78.2	33.8	15	76.9	33.3	15	1.3	.4	23
Chemicals and allied products.....	28	84.2	38.3	16	78.7	36.3	16	5.5	2.0	11
Petroleum and coal products.....	29	16.3	7.6	17	15.8	7.4	17	.5	.2	13
Rubber and miscellaneous plastics products.....	30	128.3	61.8	15	124.0	60.3	15	4.3	1.5	21
Leather and leather products.....	31	25.4	10.9	16	24.1	10.3	15	1.3	.5	23
Transportation and public utilities.....		487.3	285.9	18	479.0	282.3	18	8.4	3.6	12
Railroad transportation ^{5/}	40	65.5	42.8	13	63.7	41.9	13	1.8	.9	7
Local and interurban passenger transit.....	41	18.8	10.4	19	18.6	10.3	19	.2	.1	18
Trucking and warehousing.....	42	205.2	122.7	20	203.8	121.9	20	1.5	.8	21
Water transportation.....	44	28.0	15.5	36	27.5	15.3	37	.4	.2	23
Transportation by air.....	45	53.1	33.2	12	51.9	32.3	12	1.2	.8	10
Pipelines, except natural gas.....	46	.9	.3	13	.8	.3	14	(6)	(6)	-
Transportation services.....	47	10.2	5.1	16	10.1	5.1	16	.1	.1	-
Communication.....	48	36.1	21.4	17	34.9	21.0	17	1.2	.3	11
Electric, gas, and sanitary services.....	49	69.6	34.6	17	67.6	34.1	17	2.0	.5	7
Wholesale and retail trade.....		1,325.6	561.8	14	1,309.8	555.9	14	15.8	5.8	19
Wholesale trade.....		434.5	202.4	14	429.0	200.3	14	5.5	2.1	22
Wholesale trade--durable goods.....	50	255.1	113.1	14	252.4	112.2	14	2.8	.9	32
Wholesale trade--nondurable goods.....	51	179.4	89.3	15	176.6	88.2	15	2.8	1.1	14
Retail trade.....		891.1	359.3	14	880.8	355.6	14	10.3	3.7	17
Building materials and garden supplies..	52	54.4	24.1	15	53.9	24.0	15	.5	.2	-
General merchandise stores.....	53	163.8	69.8	13	162.4	69.4	13	1.4	.4	11
Food stores.....	54	205.4	90.0	16	204.8	89.7	16	.7	.4	-
Automotive dealers and service stations..	55	136.6	46.8	15	135.1	46.1	15	1.4	.7	23
Apparel and accessory stores.....	56	18.7	6.7	17	18.4	6.6	17	.3	(6)	-
Furniture and home furnishings stores...	57	25.6	12.8	17	25.1	12.6	17	.4	.2	-
Eating and drinking places.....	58	229.8	84.8	12	224.9	83.2	12	4.9	1.6	14
Miscellaneous retail.....	59	56.9	24.3	15	56.1	24.1	16	.8	-	-

See footnotes at end of table.

Table 3. Continued—Number of occupational injuries and illnesses by industry, 1979¹

Industry ^{2/}	SIC code ^{3/}	Injuries and illnesses			Injuries			Illnesses		
		Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case	Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case	Total cases (thou-sands)	Lost workday cases (thou-sands)	Average lost workdays per lost workday case
Finance, insurance, and real estate.....		94.5	41.3	14	92.5	40.5	14	2.0	0.8	22
Banking.....	60	22.8	9.7	14	22.6	9.7	14	.3	-	-
Credit agencies other than banks.....	61	6.4	2.3	11	6.3	2.3	11	.1	(6)	-
Security, commodity brokers, and services.....	62	2.1	.8	9	2.0	.8	9	.1	-	-
Insurance carriers.....	63	21.7	8.5	13	21.4	8.3	13	.3	.2	34
Insurance agents, brokers and service...	64	2.9	1.1	18	2.8	1.1	-	-	-	-
Real estate.....	65	36.6	18.1	15	35.6	17.7	15	1.1	.5	18
Services.....		721.4	324.2	15	699.5	315.7	15	21.9	8.5	15
Hotels and other lodging places.....	70	73.5	30.3	14	72.0	29.9	14	1.5	.4	16
Personal services.....	72	23.5	10.7	17	22.5	10.2	17	1.0	.4	36
Business services.....	73	114.4	53.7	15	111.2	52.4	15	3.3	1.3	11
Auto repair, services, and garages.....	75	40.9	18.1	16	40.2	17.9	16	.7	-	-
Miscellaneous repair services.....	76	24.0	10.8	17	23.5	10.7	17	.5	.1	7
Motion pictures.....	78	8.1	2.5	17	7.9	2.5	17	.2	(6)	-
Amusement and recreation services.....	79	40.2	17.8	16	39.2	17.5	16	.9	.3	13
Health services.....	80	276.5	130.4	16	266.6	126.3	16	9.8	4.1	13
Educational services.....	82	25.4	9.9	13	24.5	9.5	13	.9	.5	9
Social services.....	83	44.3	19.0	16	43.1	18.5	16	-	-	-
Museums, botanical and zoological gardens.....	84	1.7	.7	10	1.6	.6	10	.1	(6)	16
Miscellaneous services.....	89	19.0	7.2	13	17.7	6.8	13	1.3	.4	13

¹ To compare 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² Industry division totals include data for industries not shown separately.

³ *Standard Industrial Classification Manual*, 1972 edition, 1977 supplement.

⁴ Excludes farms with fewer than 11 employees.

⁵ Data conforming to OSHA definitions for coal and lignite mining (sic 11 and 12) and metal and nonmetal mining (sic 10 and 14), and for railroad transportation (sic 40) were provided by the Mine Safety and Health Administration, U.S. Department of Labor, and by the Federal Railroad Administration, U.S. Department of Transportation.

^{*} Estimates of fewer than 50 cases.

NOTE: Dashes indicate data that do not meet publication guidelines. Because of rounding, components may not add to totals.

The number of lost workdays for the 2-digit sic levels shown in this table can be approximated by multiplying the number of lost workday cases by the average lost workdays per lost workday case.

Approximations of average lost workdays per lost workday case for 3- and 4-digit sic levels can be derived by dividing the incidence rate of lost workdays by the incidence rate for lost workday cases appearing in tables 1 and 4.

Table 4. Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Private sector ^{6/}		9.2	9.2	4.0	4.2	5.2	5.0	62.1	66.2
Agriculture, forestry, and fishing ^{6/}		11.0	11.1	5.2	5.5	5.8	5.5	78.3	81.7
Agricultural production ^{6/}	01-02	12.2	12.4	5.6	6.2	6.5	6.2	78.9	83.2
Agricultural services.....	07	9.7	10.0	4.8	5.0	4.9	5.0	78.5	81.8
Forestry.....	08	10.4	10.0	5.0	4.8	5.3	5.1	78.9	78.5
Fishing, hunting, and trapping.....	09	3.7	3.9	2.1	2.1	1.6	1.7	62.4	46.1
Mining.....		11.3	11.2	6.4	6.7	4.9	4.5	142.3	149.8
Metal mining ^{7/}	10	9.9	10.0	5.4	5.9	4.5	4.1	113.1	117.2
Anthracite mining ^{7/}	11	19.3	18.3	11.3	10.9	7.9	7.4	306.7	266.6
Bituminous coal and lignite mining ^{7/}	12	9.8	10.2	7.3	8.2	2.5	1.9	169.6	205.4
Oil and gas extraction.....	13	13.7	13.4	6.9	6.9	6.8	6.5	153.4	150.6
Crude petroleum and natural gas.....	131	4.4	5.4	2.0	3.2	2.3	2.2	42.3	52.9
Oil and gas field services.....	138	20.0	18.7	10.1	9.4	9.8	9.2	228.4	214.7
Nonmetallic minerals, except fuels ^{7/}	14	6.8	6.3	4.1	4.1	2.6	2.1	87.4	80.8
Construction.....		15.8	16.0	6.3	6.8	9.4	9.2	108.1	119.2
General building contractors.....	15	15.7	16.1	6.2	6.7	9.5	9.4	104.1	110.3
Residential building construction.....	152	13.2	12.9	5.9	6.0	7.3	6.8	100.0	107.3
Operative builders.....	153	15.5	15.5	6.2	6.8	9.3	8.7	76.2	84.1
Nonresidential building construction.....	154	18.9	19.5	6.6	7.4	12.3	12.0	114.1	117.1
Heavy construction contractors.....	16	16.2	16.3	6.2	6.6	10.0	9.7	105.5	121.8
Highway and street construction.....	161	15.0	15.2	5.7	6.2	9.2	9.0	104.7	121.7
Heavy construction, except highway.....	162	16.8	16.7	6.4	6.8	10.4	9.9	111.7	80.4
Special trade contractors.....	17	15.6	15.8	6.5	6.9	9.1	8.9	109.8	123.0
Plumbing, heating, and air conditioning... Painting, paperhanging, and decorating... Electrical work..... Masonry, stonework, and plastering..... Carpentering and flooring..... Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors... 171 172 173 174 175 176 177 178 179	171 172 173 174 175 176 177 178 179	16.7 9.3 13.9 15.4 13.5 22.3 14.4 12.7 16.7	16.8 9.3 13.9 16.2 13.9 22.1 13.5 15.0 17.2	5.8 4.6 4.7 7.3 7.2 11.7 6.6 6.5 7.1	6.1 5.1 5.3 7.6 7.4 12.0 6.8 8.5 7.5	10.9 4.7 9.2 8.1 6.2 10.6 7.8 6.2 9.5	10.7 4.2 8.6 8.6 6.5 10.0 6.7 6.5 9.6	92.3 98.2 70.3 119.9 127.0 211.2 121.1 126.1 122.6	96.7 102.6 91.4 131.2 143.5 217.4 121.9 165.0 151.7
Manufacturing.....		12.8	12.8	5.4	5.7	7.4	7.1	82.3	87.3
Durable goods.....		13.7	13.7	5.8	6.1	7.9	7.6	86.3	92.0
Lumber and wood products.....	24	22.3	20.4	11.0	10.7	11.3	9.7	177.5	174.1
Logging camps and logging contractors.....	241	25.6	24.0	15.5	14.7	9.9	9.1	315.5	310.4
Sawmills and planing mills.....	242	21.5	19.2	11.0	10.3	10.5	8.8	191.4	176.9
Sawmills and planing mills, general.....	2421	21.1	18.7	11.0	10.2	10.0	8.5	193.7	179.1
Hardwood dimension and flooring.....	2426	20.6	19.9	8.8	9.6	11.8	10.3	149.2	141.4
Special product sawmills, n.e.c.....	2429	42.9	31.9	24.3	18.4	18.6	13.5	366.3	308.0
Millwork, plywood, and structural members.....	243	20.2	18.3	9.5	9.4	10.6	8.8	138.0	147.2
Millwork.....	2431	22.6	20.3	10.1	9.5	12.5	10.8	136.2	135.2
Wood kitchen cabinets.....	2434	17.6	17.3	8.5	8.9	9.1	8.4	113.8	117.1
Hardwood veneer and plywood.....	2435	19.7	17.8	8.8	8.4	10.9	9.4	127.2	141.6
Softwood veneer and plywood.....	2436	15.9	13.9	8.4	8.5	7.5	5.3	159.0	179.6
Structural wood members, n.e.c.....	2439	30.9	26.5	15.0	15.1	15.9	11.4	170.7	199.1
Wood containers.....	244	21.2	21.2	10.9	11.4	10.3	9.7	161.5	171.1
Nailed wood boxes and shooks.....	2441	23.1	19.8	11.3	11.0	11.7	8.8	159.9	183.6
Wood pallets and skids.....	2448	21.9	22.3	11.7	12.3	10.2	10.0	171.3	177.7
Wood containers, n.e.c.....	2449	18.4	19.5	8.9	9.8	9.5	9.7	142.7	145.8
Wood buildings and mobile homes.....	245	32.4	29.6	14.1	13.8	18.3	15.8	176.4	175.1
Mobile homes.....	2451	34.5	31.3	15.1	14.5	19.3	16.8	195.4	188.3
Prefabricated wood buildings.....	2452	27.9	25.8	11.8	12.2	16.1	13.6	135.0	145.3
Miscellaneous wood products.....	249	18.2	17.4	8.0	8.0	10.2	9.4	125.4	118.9
Wood preserving.....	2491	18.4	17.8	8.7	8.2	9.7	9.6	150.8	145.8
Particleboard.....	2492	13.2	10.8	6.1	4.6	7.1	6.2	121.4	100.1
Wood products, n.e.c.....	2499	18.8	18.1	8.0	8.3	10.7	9.7	120.5	115.1

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Furniture and fixtures.....	25	17.2	17.2	6.8	7.0	10.4	10.2	94.3	97.2
Household furniture.....	251	16.2	15.6	6.4	6.3	9.8	9.2	90.0	88.1
Wood household furniture.....	2511	16.1	15.0	6.1	5.9	10.0	9.1	88.0	84.3
Upholstered household furniture.....	2512	15.2	15.3	6.0	6.1	9.2	9.2	86.5	79.9
Metal household furniture.....	2514	17.5	16.6	7.1	7.3	10.4	9.3	95.2	102.2
Mattresses and bedsprings.....	2515	17.9	18.9	8.2	8.6	9.6	10.3	109.7	123.8
Wood TV and radio cabinets.....	2517	15.9	12.2	5.8	4.9	10.1	7.3	81.7	67.1
Household furniture, n.e.c.....	2519	19.9	18.2	6.7	9.0	13.2	9.2	83.0	103.6
Office furniture.....	252	18.0	22.4	7.5	9.2	10.5	13.2	102.3	134.9
Wood office furniture.....	2521	18.0	22.0	7.8	8.5	10.2	13.5	97.6	125.8
Metal office furniture.....	2522	18.0	22.6	7.3	9.5	10.7	13.1	104.8	139.7
Public building and related furniture.....	253	20.7	20.7	7.7	8.0	13.0	12.7	102.2	128.8
Partitions and fixtures.....	254	20.0	19.9	8.0	8.5	12.0	11.4	104.9	104.6
Wood partitions and fixtures.....	2541	18.9	18.9	7.6	7.9	11.3	10.9	104.4	100.6
Metal partitions and fixtures.....	2542	21.2	21.1	8.5	9.0	12.7	12.1	105.5	108.9
Miscellaneous furniture and fixtures.....	259	18.8	17.1	7.0	6.3	11.8	10.8	100.3	86.9
Drapery hardware and blinds and shades..	2591	16.8	15.1	5.9	6.2	10.8	8.9	76.4	86.0
Furniture and fixtures, n.e.c.....	2599	21.5	19.8	8.4	6.4	13.1	13.4	132.5	88.2
Stone, clay, and glass products.....	32	16.4	16.3	7.6	7.9	8.7	8.4	123.8	130.9
Flat glass.....	321	17.9	15.2	5.3	5.7	12.6	9.4	94.0	110.0
Glass and glassware, pressed or blown.....	322	14.2	14.4	7.3	7.7	6.9	6.7	130.8	137.4
Glass containers.....	3221	15.3	15.5	9.0	8.9	6.3	6.6	170.8	169.3
Pressed and blown glass, n.e.c.....	3229	12.7	12.9	5.1	6.2	7.6	6.7	78.0	96.5
Products of purchased glass.....	323	20.1	19.5	7.5	7.0	12.5	12.5	96.4	106.2
Cement, hydraulic.....	324	-	9.9	-	4.9	-	5.0	-	96.1
Structural clay products.....	325	18.3	19.9	8.8	9.5	9.4	10.3	130.2	137.0
Brick and structural clay tile.....	3251	21.0	22.3	10.3	11.0	10.7	11.2	148.8	146.3
Ceramic wall and floor tile.....	3253	14.0	18.8	5.9	7.2	8.1	11.6	82.6	92.2
Clay refractories.....	3255	14.4	14.8	6.6	7.8	7.7	7.0	113.9	141.1
Structural clay products, n.e.c.....	3259	23.6	24.6	12.9	12.0	10.7	12.6	176.5	169.5
Pottery and related products.....	326	16.0	16.4	7.9	8.4	8.1	8.0	110.7	125.9
Vitreous plumbing fixtures.....	3261	28.1	26.8	14.5	14.1	13.6	12.7	205.4	179.4
Vitreous china food utensils.....	3262	10.5	14.7	6.6	8.3	3.9	6.4	121.1	144.9
Fine earthenware food utensils.....	3263	13.6	13.1	7.0	7.1	6.6	6.0	110.5	120.3
Porcelain electrical supplies.....	3264	14.0	13.6	5.6	5.7	8.4	7.9	73.3	104.4
Pottery products, n.e.c.....	3269	11.7	11.8	5.6	6.4	6.0	5.4	69.9	94.8
Concrete, gypsum, and plaster products....	327	17.7	17.5	8.3	8.3	9.4	9.2	133.6	138.3
Concrete block and brick.....	3271	19.2	18.2	8.9	8.7	10.2	9.5	146.3	153.2
Concrete products, n.e.c.....	3272	23.5	24.1	11.5	11.9	12.0	12.2	163.7	178.3
Ready-mixed concrete.....	3273	15.5	14.9	7.0	6.8	8.5	8.1	122.0	121.5
Lime.....	3274	13.0	8.9	6.6	5.7	6.3	3.1	131.1	111.6
Gypsum products.....	3275	6.0	7.0	2.1	2.5	3.9	4.5	57.8	60.1
Cut stone and stone products.....	328	14.1	14.2	6.2	6.5	7.8	7.7	115.2	97.0
Miscellaneous nonmetallic mineral products.....	329	15.9	15.8	7.5	7.9	8.4	7.9	121.0	134.5
Abrasive products.....	3291	17.8	20.0	7.6	9.8	10.2	10.2	117.5	162.8
Asbestos products.....	3292	16.6	17.0	8.8	9.3	7.8	7.7	156.1	166.3
Gaskets, packing, and sealing devices...	3293	16.2	15.2	6.6	6.3	9.6	8.8	103.3	87.3
Mineral wool.....	3296	12.9	10.2	6.4	5.9	6.4	4.3	101.6	97.4
Nonclay refractories.....	3297	18.3	20.3	9.8	10.8	8.5	9.5	164.9	212.9
Nonmetallic mineral products, n.e.c.....	3299	-	10.8	-	5.5	-	5.3	-	79.4
Primary metal industries.....	33	16.5	16.9	7.3	7.9	9.2	8.9	120.5	130.7
Blast furnace and basic steel products....	331	12.6	12.3	4.9	4.9	7.7	7.4	95.1	98.3
Blast furnaces and steel mills.....	3312	10.7	10.4	4.0	3.7	6.7	6.7	85.2	84.8
Electrometallurgical products.....	3313	14.6	13.1	6.3	6.6	8.3	6.5	115.7	126.3
Steel wire and related products.....	3315	19.8	21.3	9.1	10.7	10.7	10.5	147.4	159.8
Cold finishing of steel shapes.....	3316	26.6	28.0	11.6	13.3	14.9	14.7	177.9	225.5
Steel pipe and tubes.....	3317	26.6	22.9	11.0	11.0	15.5	11.9	150.5	155.7
Iron and steel foundries.....	332	24.3	25.7	11.4	12.8	12.9	12.8	166.7	182.8
Gray iron foundries.....	3321	24.0	24.9	11.3	12.4	12.7	12.5	156.5	168.4
Malleable iron foundries.....	3322	24.8	26.4	10.9	11.3	13.9	15.1	157.2	172.9
Steel investment foundries.....	3324	-	21.1	-	9.3	-	11.8	-	108.3
Steel foundries, n.e.c.....	3325	26.3	28.3	12.6	15.1	13.6	13.2	212.1	238.2

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Primary nonferrous metals.....	333	12.7	14.8	5.8	8.1	6.8	6.6	108.9	123.4
Primary copper.....	3331	10.0	10.1	4.6	4.9	5.4	5.2	117.6	107.3
Primary lead.....	3332	16.1	22.1	8.8	11.2	7.3	10.9	129.2	154.0
Primary zinc.....	3333	16.7	18.2	9.7	11.3	6.9	6.9	181.4	214.1
Primary aluminum.....	3334	12.3	14.4	5.4	8.3	6.9	6.0	98.0	114.5
Primary nonferrous metals, n.e.c.....	3339	13.4	16.8	5.7	8.2	7.6	8.6	95.6	119.9
Secondary nonferrous metals.....	334	24.8	27.1	12.6	15.8	12.2	11.2	185.5	231.5
Nonferrous rolling and drawing.....	335	15.0	15.2	6.8	7.5	8.2	7.7	114.2	126.2
Copper rolling and drawing.....	3351	18.7	18.1	8.5	9.1	10.2	8.9	144.4	160.7
Aluminum sheet, plate, and foil.....	3353	11.3	10.4	4.3	4.4	6.9	6.0	69.0	68.4
Aluminum extruded products.....	3354	17.0	17.7	8.5	8.7	8.5	8.9	150.1	161.4
Aluminum rolling and drawing, n.e.c.....	3355	10.9	12.6	4.9	6.1	6.0	6.5	85.7	82.0
Nonferrous rolling and drawing, n.e.c.....	3356	14.4	13.9	5.3	6.9	9.1	7.0	91.5	123.0
Nonferrous wire drawing and insulating..	3357	14.8	15.7	7.0	8.0	7.8	7.6	115.0	127.3
Nonferrous foundries.....	336	22.4	23.0	11.0	11.8	11.4	11.2	155.0	175.4
Aluminum foundries.....	3361	22.3	23.1	11.3	12.1	11.0	11.0	145.8	172.4
Brass, bronze, and copper foundries.....	3362	25.2	24.1	11.5	12.0	13.7	12.1	162.4	191.0
Nonferrous foundries, n.e.c.....	3369	20.2	21.7	9.9	10.9	10.3	10.8	169.3	169.3
Miscellaneous primary metal products.....	339	21.1	21.5	10.4	10.8	10.7	10.7	137.8	148.9
Metal heat treating.....	3398	23.2	24.1	11.4	12.7	11.8	11.4	144.7	165.2
Primary metal products, n.e.c.....	3399	18.5	18.4	9.2	8.6	9.3	9.8	129.4	129.0
Fabricated metal products.....	34	18.8	19.4	7.8	8.5	11.0	10.8	110.0	121.3
Metal cans and shipping containers.....	341	18.0	18.4	7.1	7.9	10.9	10.5	111.6	124.4
Metal cans.....	3411	17.2	17.4	6.9	7.3	10.3	10.1	107.7	116.8
Metal barrels, drums, and pails.....	3412	22.2	23.3	8.4	10.8	13.8	12.5	130.1	159.9
Cutlery, hand tools, and hardware.....	342	17.0	16.5	7.0	7.3	10.0	9.2	102.4	109.6
Cutlery.....	3421	14.0	14.3	4.8	5.2	9.2	9.1	68.5	65.6
Hand and edge tools, n.e.c.....	3423	20.3	18.4	8.1	8.2	12.2	10.2	116.7	125.0
Hand saws and saw blades.....	3425	18.8	16.4	6.9	7.0	11.9	9.4	89.3	98.4
Hardware, n.e.c.....	3429	15.7	15.8	6.7	7.1	9.0	8.6	101.4	109.3
Plumbing and heating, except electric....	343	18.7	18.7	7.5	8.0	11.2	10.7	105.9	113.5
Metal sanitary ware.....	3431	21.9	17.4	7.2	7.3	14.7	10.1	96.5	94.6
Plumbing fittings and brass goods.....	3432	13.4	15.3	6.2	7.0	7.2	8.3	88.8	113.0
Heating equipment, except electric.....	3433	22.0	21.9	8.6	9.1	13.4	12.8	122.7	120.2
Fabricated structural metal products.....	344	22.2	23.3	9.2	10.3	12.9	13.0	126.8	141.7
Fabricated structural metal.....	3441	25.2	26.8	11.9	12.9	13.3	13.9	175.7	186.0
Metal doors, sash, and trim.....	3442	21.9	22.0	8.1	8.4	13.8	13.6	105.5	117.1
Fabricated plate work.....	3443	19.5	22.2	8.1	9.9	11.4	12.3	107.0	133.5
Sheet-metal work.....	3444	23.7	23.5	9.2	10.0	14.5	13.5	121.2	130.8
Architectural metal work.....	3446	21.0	20.0	9.0	9.0	12.0	11.0	122.8	134.6
Prefabricated metal buildings.....	3448	21.0	21.7	8.1	9.4	12.9	12.3	132.1	126.9
Miscellaneous metal work.....	3449	22.8	24.2	9.6	13.0	13.2	11.1	143.7	183.1
Screw machine products, bolts, etc.....	345	16.3	17.0	6.0	6.7	10.3	10.3	79.0	86.4
Screw machine products.....	3451	16.0	16.9	5.4	6.3	10.6	10.6	67.4	81.1
Bolts, nuts, rivets, and washers.....	3452	16.5	17.1	6.5	7.0	10.0	10.1	89.8	91.2
Metal forgings and stampings.....	346	17.9	18.4	7.6	8.3	10.3	10.0	111.8	124.9
Iron and steel forgings.....	3462	24.3	26.7	11.9	14.1	12.4	12.5	189.2	205.8
Nonferrous forgings.....	3463	13.9	16.8	6.9	9.7	6.9	7.0	141.9	158.6
Automotive stampings.....	3465	12.7	12.0	5.5	5.2	7.2	6.8	71.7	80.5
Crowns and closures.....	3466	14.4	12.6	7.1	6.3	7.3	6.3	123.2	83.7
Metal stampings, n.e.c.....	3469	20.4	20.9	7.8	8.6	12.6	12.3	114.3	130.1
Metal services, n.e.c.....	347	17.2	17.6	7.5	8.5	9.6	9.1	102.3	114.3
Plating and polishing.....	3471	16.6	17.5	7.4	8.2	9.1	9.3	90.8	107.9
Metal coating and allied services.....	3479	18.6	17.9	7.7	9.0	10.9	8.9	130.7	128.0
Ordnance and accessories, n.e.c.....	348	8.4	7.9	3.5	3.7	4.9	4.2	52.8	56.1
Small arms ammunition.....	3482	4.7	5.5	1.8	2.8	2.9	2.7	29.4	45.9
Ammunition, except for small arms, n.e.c.....	3483	8.8	7.2	3.4	3.2	5.4	4.0	54.1	52.0
Small arms.....	3484	8.9	12.2	4.2	5.7	4.7	6.5	63.6	82.8
Ordnance and accessories, n.e.c.....	3489	11.7	5.8	4.7	2.9	6.9	2.9	59.6	38.1
Miscellaneous fabricated metal products...	349	18.9	20.0	7.9	8.6	10.9	11.4	111.1	120.2
Steel springs, except wire.....	3493	28.6	25.4	13.5	12.3	15.1	13.1	188.0	194.2
Valves and pipe fittings.....	3494	17.6	19.2	7.2	8.1	10.4	11.0	96.9	110.3
Wire springs.....	3495	16.1	17.1	6.1	6.1	10.0	11.0	103.7	89.0
Miscellaneous fabricated wire products..	3496	20.3	20.8	8.7	9.6	11.5	11.2	120.4	145.0
Metal foil and leaf.....	3497	19.8	19.9	8.0	10.2	11.8	9.6	106.2	116.8
Fabricated pipe and fittings.....	3498	20.4	21.2	8.7	9.1	11.6	12.1	131.9	120.6
Fabricated metal products, n.e.c.....	3499	18.3	20.0	7.8	8.2	10.5	11.8	107.1	109.5

See footnotes at end of table.

Table 4. Continued—Occupational injury incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Machinery, except electrical.....	35	13.9	14.2	5.2	5.8	8.7	8.4	72.6	80.4
Engines and turbines.....	351	11.7	12.4	4.8	5.7	6.9	6.7	79.6	95.3
Turbines and turbine generator sets.....	3511	9.0	9.1	3.0	4.1	5.9	5.0	47.3	58.0
Internal combustion engines, n.e.c.....	3519	13.0	13.8	5.7	6.4	7.3	7.4	96.2	110.1
Farm and garden machinery.....	352	17.8	18.7	6.7	7.6	11.0	11.1	86.5	98.2
Farm machinery and equipment.....	3523	17.2	18.1	6.6	7.4	10.6	10.7	85.3	94.6
Lawn and garden equipment.....	3524	22.4	22.4	7.5	8.6	14.8	13.7	96.3	122.4
Construction and related machinery.....	353	18.1	18.1	7.6	8.1	10.4	10.0	104.1	110.4
Construction machinery.....	3531	16.7	16.3	7.3	7.1	9.4	9.2	94.5	101.3
Mining machinery.....	3532	21.3	19.7	7.8	8.1	13.5	11.6	115.6	115.8
Oil field machinery.....	3533	19.3	19.4	8.6	9.4	10.7	10.0	121.6	129.1
Elevators and moving stairways.....	3534	13.0	17.2	4.1	6.1	8.9	11.1	58.5	79.3
Conveyors and conveying equipment.....	3535	21.4	21.6	8.6	9.2	12.7	12.4	117.8	114.9
Hoists, cranes, and monorails.....	3536	17.5	18.7	7.0	8.4	10.5	10.3	109.6	109.5
Industrial trucks and tractors.....	3537	17.7	17.8	7.7	8.0	10.0	9.8	101.0	104.5
Metalworking machinery.....	354	13.7	14.2	4.4	5.0	9.3	9.2	64.3	76.4
Machine tools, metal cutting types.....	3541	12.7	14.6	4.4	5.5	8.3	9.1	67.8	87.8
Machine tools, metal forming types.....	3542	16.5	17.7	5.8	7.0	10.6	10.6	78.5	113.1
Special dies, tools, jigs, and fixtures.....	3544	14.2	13.7	4.2	4.3	10.0	9.4	62.3	66.1
Machine tool accessories.....	3545	12.6	13.2	4.2	4.6	8.4	8.6	53.1	61.1
Power driven hand tools.....	3546	12.3	12.2	3.7	4.8	8.6	7.3	62.6	72.5
Rolling mill machinery.....	3547	16.3	18.1	5.4	6.6	10.8	11.5	100.6	142.8
Metalworking machinery, n.e.c.....	3549	14.7	17.7	4.3	5.9	10.4	11.8	68.0	78.1
Special industry machinery.....	355	15.6	15.3	5.4	5.8	10.2	9.5	78.3	80.9
Food products machinery.....	3551	19.0	16.8	6.4	6.7	12.6	10.1	99.8	98.2
Textile machinery.....	3552	11.9	13.3	4.0	4.9	7.9	8.4	65.4	71.5
Woodworking machinery.....	3553	17.7	18.2	6.9	7.6	10.8	10.6	83.9	102.2
Paper industries machinery.....	3554	17.8	17.7	6.0	6.9	11.8	10.8	81.0	103.8
Printing trades machinery.....	3555	10.9	11.8	3.8	4.1	7.1	7.7	59.3	56.3
Special industry machinery, n.e.c.....	3559	16.9	15.9	5.9	5.9	10.9	10.0	78.5	76.2
General industrial machinery.....	356	14.7	15.5	5.4	6.3	9.3	9.2	75.6	86.7
Pumps and pumping equipment.....	3561	15.3	16.8	6.2	7.3	9.1	9.4	86.1	100.4
Ball and roller bearings.....	3562	10.0	10.2	3.5	4.2	6.5	5.9	55.3	61.0
Air and gas compressors.....	3563	12.6	14.1	4.5	6.1	8.1	8.0	71.6	92.5
Blowers and fans.....	3564	17.8	17.9	6.6	7.0	11.2	10.9	87.3	98.4
Industrial patterns.....	3565	12.1	11.1	3.4	3.7	8.7	7.4	33.1	45.9
Speed changers, drives, and gears.....	3566	18.9	19.6	6.6	7.5	12.3	12.1	88.5	107.4
Industrial furnaces and ovens.....	3567	18.3	17.7	6.1	6.5	12.2	11.2	84.5	91.4
Power transmission equipment, n.e.c.....	3568	15.3	15.8	5.9	6.4	9.3	9.4	87.5	83.0
General industrial machinery, n.e.c.....	3569	14.7	16.8	5.4	6.8	9.3	10.0	73.2	83.0
Office and computing machines.....	357	4.6	5.1	1.9	2.2	2.7	2.9	25.4	30.2
Electronic computing equipment.....	3573	4.2	4.5	1.8	2.0	2.4	2.4	22.8	27.5
Scales and balances, except laboratory..	3576	10.7	12.3	2.9	3.4	7.8	8.9	47.2	53.2
Office machines, n.e.c.....	3579	8.6	9.0	3.2	3.5	5.4	5.5	47.1	51.7
Refrigeration and service machinery.....	358	16.5	16.7	6.2	6.7	10.3	10.0	82.9	97.0
Automatic merchandising machines.....	3581	24.4	21.4	8.6	9.8	15.8	11.6	94.1	121.9
Commercial laundry equipment.....	3582	22.4	21.2	6.6	6.4	15.8	14.8	88.0	87.9
Refrigeration and heating equipment.....	3585	15.4	15.5	6.0	6.4	9.4	9.1	81.3	98.3
Measuring and dispensing pumps.....	3586	17.8	17.5	6.4	5.5	11.4	12.0	93.3	73.7
Service industry machinery, n.e.c.....	3589	17.4	18.9	6.1	7.3	11.3	11.6	83.2	91.1
Miscellaneous machinery, except electrical.....	359	15.5	15.9	5.8	6.3	9.7	9.6	74.2	78.7
Carburators, pistons, rings, valves.....	3592	10.3	10.4	4.7	5.1	5.6	5.3	66.4	73.0
Machinery, except electrical, n.e.c.....	3599	16.4	16.9	5.9	6.5	10.4	10.4	75.6	79.8
Electric and electronic equipment.....	36	8.1	8.1	3.1	3.2	5.0	4.8	46.5	47.9
Electric distributing equipment.....	361	10.8	11.4	3.8	4.5	7.0	6.9	55.7	64.2
Transformers.....	3612	12.0	13.2	4.4	5.5	7.6	7.7	63.4	68.6
Switchgear and switchboard apparatus....	3613	9.8	9.9	3.4	3.7	6.4	6.2	48.7	60.8
Electrical industrial apparatus.....	362	9.7	9.8	3.7	3.9	6.0	5.9	61.4	61.7
Motors and generators.....	3621	10.4	10.4	4.2	4.2	6.2	6.2	71.3	64.5
Industrial controls.....	3622	7.9	8.1	2.7	3.0	5.2	5.1	41.4	50.7
Welding apparatus, electric.....	3623	14.3	15.5	5.2	6.3	9.1	9.2	67.0	77.3
Carbon and graphite products.....	3624	7.4	6.9	3.7	3.9	3.7	3.0	77.6	80.3
Electrical industrial apparatus, n.e.c..	3629	7.4	8.4	2.5	3.1	4.9	5.3	38.2	52.2
Household appliances.....	363	11.8	11.7	4.2	4.1	7.5	7.6	64.9	66.3
Household cooking equipment.....	3631	16.8	15.5	6.7	5.9	10.1	9.6	108.1	101.3
Household refrigerators and freezers....	3632	8.4	8.5	3.1	2.8	5.3	5.7	40.2	38.1
Household laundry equipment.....	3633	10.9	10.6	2.9	3.0	8.0	7.6	47.2	41.1
Electric housewares and fans.....	3634	10.6	11.0	3.6	4.0	7.0	7.0	51.2	66.7
Household vacuum cleaners.....	3635	7.9	8.1	3.6	3.5	4.2	4.6	80.8	82.1
Household appliances, n.e.c.....	3639	-	22.6	-	10.0	-	12.6	-	156.5

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Electric lighting and wiring equipment.....	364	11.2	11.9	4.1	4.6	7.1	7.3	65.7	70.9
Electric lamps.....	3641	6.8	6.1	2.1	2.1	4.7	4.0	35.3	42.5
Current-carrying wiring devices.....	3643	9.3	10.6	3.2	4.0	6.1	6.5	56.5	64.2
Noncurrent-carrying wiring devices.....	3644	20.6	20.1	8.4	8.1	12.2	12.0	125.9	126.5
Residential lighting fixtures.....	3645	13.4	14.6	5.2	5.0	8.2	9.6	63.3	73.1
Commercial lighting fixtures.....	3646	20.5	17.5	7.6	7.3	12.9	10.1	127.1	99.8
Vehicular lighting equipment.....	3647	6.3	8.2	2.5	3.2	3.8	5.0	46.2	48.9
Lighting equipment, n.e.c.....	3648	13.0	15.6	5.2	6.0	7.8	9.6	70.2	78.2
Radio and TV receiving equipment.....	365	8.5	7.9	3.3	3.4	5.2	4.5	49.2	47.9
Radio and TV receiving sets.....	3651	8.4	8.1	3.0	3.2	5.3	4.8	47.0	46.2
Phonograph records.....	3652	8.8	7.5	4.1	3.8	4.7	3.7	56.8	53.2
Communication equipment.....	366	4.7	4.5	1.8	2.0	2.8	2.5	30.4	29.9
Telephone and telegraph apparatus.....	3661	5.4	4.9	2.4	2.5	3.0	2.4	47.5	38.8
Radio and TV communication equipment....	3662	4.3	4.3	1.6	1.7	2.7	2.5	22.9	25.8
Electronic components and accessories....	367	7.0	6.9	2.5	2.7	4.5	4.2	31.7	33.5
Electron tubes, receiving type.....	3671	3.8	4.4	1.3	1.9	2.5	2.5	23.1	29.9
Cathode ray television picture tubes....	3672	10.3	11.0	6.2	6.4	4.1	4.6	91.8	93.4
Electron tubes, transmitting.....	3673	6.9	6.5	2.0	2.4	4.8	4.1	35.1	33.6
Semiconductors and related devices.....	3674	5.5	5.3	2.0	2.2	3.5	3.1	25.7	28.5
Electronic capacitors.....	3675	5.5	4.9	1.9	2.1	3.6	2.8	23.2	26.6
Electronic resistors.....	3676	8.0	7.4	2.8	3.0	5.2	4.4	40.5	32.5
Electronic coils and transformers.....	3677	9.1	10.0	2.7	3.1	6.3	6.9	29.7	40.2
Electronic connectors.....	3678	-	8.9	-	2.3	-	6.6	-	29.0
Electronic components, n.e.c.....	3679	8.1	8.0	2.7	2.9	5.4	5.1	33.6	34.5
Miscellaneous electrical equipment and supplies.....	369	8.8	9.0	3.8	4.1	5.0	4.8	56.6	65.3
Storage batteries.....	3691	16.5	17.9	9.1	10.0	7.3	7.9	149.1	167.4
Primary batteries, dry and wet.....	3692	5.9	5.9	1.6	1.7	4.3	4.2	25.0	36.7
X-ray apparatus and tubes.....	3693	5.3	6.3	1.6	2.1	3.6	4.2	22.4	26.5
Engine electrical equipment.....	3694	7.0	6.8	2.8	3.0	4.2	3.8	40.1	45.8
Electrical equipment and supplies, n.e.c.....	3699	13.7	11.2	5.9	4.8	7.8	6.4	67.9	62.7
Transportation equipment.....	37	11.0	11.1	5.0	5.3	6.0	5.8	74.7	82.7
Motor vehicles and equipment.....	371	10.8	11.1	4.9	5.3	5.9	5.8	69.1	76.8
Motor vehicles and car bodies.....	3711	7.7	7.7	3.8	3.6	3.9	4.1	47.1	48.4
Truck and bus bodies.....	3713	28.6	28.9	11.5	12.5	17.0	16.4	128.7	138.3
Motor vehicle parts and accessories....	3714	10.8	11.3	4.9	5.6	5.9	5.7	77.6	91.1
Truck trailers.....	3715	26.0	25.8	11.5	12.4	14.4	13.4	171.8	179.4
Self-contained mobile homes.....	3716	-	23.9	-	8.5	-	15.3	-	96.7
Aircraft and parts.....	372	6.2	6.8	2.4	2.9	3.8	3.9	36.5	47.2
Aircraft.....	3721	4.6	5.0	1.8	2.3	2.8	2.7	30.8	42.0
Aircraft engines and engine parts.....	3724	6.8	7.8	3.0	3.5	3.8	4.3	42.2	53.4
Aircraft equipment, n.e.c.....	3728	10.6	10.4	3.6	3.8	7.0	6.5	47.0	53.8
Ship and boat building and repairing.....	373	19.8	22.8	10.5	12.0	9.3	10.8	192.5	211.9
Ship building and repairing.....	3731	19.2	22.7	10.7	12.4	8.5	10.3	208.3	229.2
Boat building and repairing.....	3732	21.9	22.9	9.7	10.5	12.1	12.4	133.8	153.8
Railroad equipment.....	374	19.2	19.4	9.0	10.0	10.2	9.4	142.1	160.0
Motorcycles, bicycles, and parts.....	375	15.7	15.5	5.6	5.8	10.1	9.6	68.3	66.2
Guided missiles, space vehicles, and parts.....	376	4.0	2.9	1.5	1.3	2.5	1.6	22.4	19.1
Guided missiles and space vehicles....	3761	3.4	2.5	1.3	1.2	2.1	1.3	19.9	18.5
Space propulsion units and parts.....	3764	6.9	4.0	2.4	1.7	4.5	2.3	35.7	23.9
Space vehicle equipment, n.e.c.....	3769	4.4	4.7	1.7	1.4	2.8	3.3	23.6	17.1
Miscellaneous transportation equipment....	379	23.3	18.7	9.5	7.9	13.8	10.8	101.1	104.1
Tanks and tank components.....	3795	8.9	9.3	4.3	5.6	4.6	3.7	46.0	58.1
Transportation equipment, n.e.c.....	3799	19.7	21.6	9.4	9.5	10.3	12.1	117.1	117.7
Instruments and related products.....	38	6.4	6.8	2.4	2.7	4.0	4.1	34.0	38.0
Engineering and scientific instruments....	381	5.9	5.8	2.0	1.9	3.9	3.9	26.5	28.5
Measuring and controlling devices.....	382	6.9	7.0	2.6	2.8	4.3	4.2	36.8	41.6
Environmental controls.....	3822	9.1	8.7	3.6	3.8	5.5	4.9	60.5	69.5
Process control instruments.....	3823	6.1	6.7	2.4	2.7	3.7	3.9	32.0	36.4
Fluid meters and counting devices....	3824	11.8	9.7	4.1	4.2	7.7	5.5	53.3	54.6
Instruments to measure electricity....	3825	4.7	5.4	1.9	2.1	2.8	3.3	24.0	26.8
Measuring and controlling devices, n.e.c.....	3829	8.3	8.7	2.4	2.8	5.9	5.9	29.4	43.2
Optical instruments and lenses.....	383	5.8	6.2	2.3	2.4	3.5	3.8	35.0	30.4

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry 2/	SIC code 3/	Incidence rates per 100 full-time workers 4/							
		Total cases 5/		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Medical instruments and supplies.....	384	7.2	8.1	2.7	3.1	4.4	4.9	37.5	44.9
Surgical and medical instruments.....	3841	6.7	7.0	2.4	2.7	4.2	4.3	36.8	41.9
Surgical appliances and supplies.....	3842	6.8	8.4	2.7	3.3	4.1	5.1	36.1	47.5
Dental equipment and supplies.....	3843	9.9	10.5	3.5	4.0	6.4	6.5	44.9	46.5
Ophthalmic goods.....	385	6.7	6.0	2.4	2.3	4.3	3.6	34.3	29.6
Photographic equipment and supplies.....	386	5.3	6.0	1.9	2.4	3.4	3.5	30.0	34.3
Watches, clocks, and watchcases.....	387	6.1	6.0	2.1	2.5	4.0	3.5	31.8	36.4
Miscellaneous manufacturing industries.....	39	11.3	11.2	4.3	4.5	7.0	6.7	63.0	64.8
Jewelry, silverware, and plated ware.....	391	5.9	6.1	2.4	2.6	3.5	3.5	40.0	44.1
Jewelry, precious metal.....	3911	4.6	4.4	1.5	1.5	3.1	2.8	23.9	20.6
Silverware and plated ware.....	3914	9.9	12.1	5.0	6.3	4.9	5.7	86.3	131.5
Jewelers' materials and lapidary work...	3915	6.2	6.0	2.3	2.1	3.8	3.8	46.3	31.1
Musical instruments.....	393	13.4	13.2	4.2	5.2	9.2	8.0	51.3	79.6
Toys and sporting goods.....	394	13.1	12.7	5.0	5.3	8.1	7.4	74.4	73.3
Dolls.....	3942	8.3	7.2	2.4	2.6	5.9	4.6	28.7	40.5
Games, toys, and children's vehicles...	3944	13.7	11.6	5.4	4.9	8.3	6.7	80.7	74.4
Sporting and athletic goods, n.e.c.....	3949	13.2	14.3	5.1	6.0	8.1	8.3	74.8	76.6
Pens, pencils, office and art supplies...	395	11.6	11.3	4.8	4.8	6.8	6.5	55.5	65.8
Pens and mechanical pencils.....	3951	8.9	9.3	3.6	4.1	5.3	5.2	43.3	53.2
Lead pencils and art goods.....	3952	15.3	15.3	6.4	6.8	8.9	8.5	69.5	92.8
Marking devices.....	3953	9.2	6.8	3.3	2.5	5.9	4.3	42.0	29.2
Carbon paper and inked ribbons.....	3955	15.0	16.5	7.5	6.9	7.4	9.5	80.9	107.9
Costume jewelry and notions.....	396	7.8	8.7	3.0	3.2	4.7	5.5	43.6	47.2
Costume jewelry.....	3961	5.3	6.2	2.2	2.3	3.1	3.9	31.0	35.8
Artificial flowers.....	3962	11.9	9.7	4.4	4.1	7.5	5.6	50.8	48.6
Buttons.....	3963	7.6	9.2	2.9	3.8	4.7	5.4	43.7	55.4
Needles, pins, and fasteners.....	3964	10.5	12.3	4.1	4.5	6.4	7.8	60.6	63.5
Miscellaneous manufactures.....	399	13.3	12.7	5.0	5.0	8.2	7.7	75.9	70.5
Brooms and brushes.....	3991	13.0	14.4	5.6	6.6	7.4	7.8	91.9	78.0
Signs and advertising displays.....	3993	14.3	13.9	5.1	5.2	9.2	8.6	78.4	71.7
Burial caskets.....	3995	16.7	15.4	5.5	5.1	11.2	10.3	63.1	65.9
Hard surface floor coverings.....	3996	10.4	10.4	5.4	4.9	5.0	5.5	116.3	82.2
Manufacturing industries, n.e.c.....	3999	12.0	11.1	4.6	4.4	7.4	6.7	63.6	66.1
Nondurable goods.....		11.4	11.5	4.9	5.1	6.5	6.4	76.3	79.9
Food and kindred products.....	20	18.7	19.2	8.6	9.2	10.1	10.0	128.4	136.4
Meat products.....	201	26.4	27.7	12.2	13.2	14.2	14.5	156.9	178.3
Meatpacking plants.....	2011	30.6	34.2	14.8	16.8	15.8	17.4	185.2	220.3
Sausages and other prepared meats.....	2013	24.3	22.6	10.9	11.4	13.4	11.1	153.2	170.0
Poultry dressing plants.....	2016	21.2	21.4	9.0	9.1	12.2	12.3	115.2	125.0
Poultry and egg processing.....	2017	21.7	21.2	9.0	9.2	12.7	12.0	111.8	117.1
Dairy products.....	202	15.6	15.8	7.2	7.4	8.4	8.4	113.4	114.4
Creamery butter.....	2021	14.2	15.4	5.6	5.8	8.6	9.6	79.4	85.9
Cheese, natural and processed.....	2022	15.7	14.5	7.8	6.7	7.8	7.8	110.3	110.7
Condensed and evaporated milk.....	2023	12.9	12.3	6.0	6.5	6.9	5.8	80.7	91.9
Ice cream and frozen desserts.....	2024	15.4	18.1	7.3	8.8	8.0	9.3	106.6	108.0
Fluid milk.....	2026	15.9	16.1	7.2	7.4	8.7	8.6	119.5	120.0
Preserved fruits and vegetables.....	203	16.3	16.6	7.7	8.0	8.6	8.5	122.3	120.9
Canned specialties.....	2032	11.3	11.2	5.3	5.9	6.0	5.3	89.3	92.6
Canned fruits and vegetables.....	2033	18.5	18.0	8.3	8.4	10.2	9.6	121.4	120.8
Dehydrated fruits, vegetables, soups...	2034	16.6	18.0	9.0	9.2	7.6	8.7	135.7	155.7
Pickles, sauces, and salad dressings...	2035	15.3	17.1	6.6	8.1	8.7	9.0	142.5	106.4
Frozen fruits and vegetables.....	2037	18.2	16.3	9.3	8.0	8.9	8.3	146.5	130.8
Frozen specialties.....	2038	12.9	15.3	6.3	8.0	6.6	7.3	98.1	119.5
Grain mill products.....	204	14.7	15.3	6.8	7.6	7.9	7.7	124.6	127.9
Flour and other grain mill products.....	2041	15.0	15.9	7.1	8.1	7.9	7.7	125.4	137.8
Cereal breakfast foods.....	2043	14.9	14.0	6.9	6.8	8.0	7.1	175.6	148.3
Rice milling.....	2044	17.5	19.1	9.0	9.9	8.5	9.2	213.8	153.0
Blended and prepared flour.....	2045	12.5	13.9	6.3	7.7	6.2	6.2	93.8	111.1
Wet corn milling.....	2046	10.1	10.5	4.0	6.1	6.1	4.4	71.0	91.7
Dog, cat, and other pet food.....	2047	17.0	18.6	8.1	8.9	8.9	9.6	165.1	157.4
Prepared feeds, n.e.c.....	2048	14.9	15.4	6.8	7.3	8.1	8.1	107.3	117.4
Bakery products.....	205	13.7	14.2	6.3	6.9	7.3	7.3	118.2	127.7
Bread, cake, and related products.....	2051	13.6	14.4	6.3	7.0	7.3	7.4	114.9	127.5
Cookies and crackers.....	2052	13.8	13.2	6.4	6.4	7.4	6.8	134.0	128.3

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Sugar and confectionery products.....	206	14.5	14.3	7.0	7.1	7.5	7.1	102.6	109.9
Raw cane sugar.....	2061	25.0	23.5	11.5	10.6	13.5	12.9	133.7	182.9
Cane sugar refining.....	2062	11.7	11.6	6.7	6.8	5.0	4.8	163.2	129.0
Beet sugar.....	2063	21.3	18.6	12.0	12.7	9.2	5.9	121.5	136.9
Confectionery products.....	2065	12.9	13.7	5.8	6.4	7.1	7.3	87.3	98.5
Chocolate and cocoa products.....	2066	10.6	10.1	4.0	4.4	6.6	5.7	60.7	74.1
Chewing gum.....	2067	10.6	11.8	5.6	4.9	5.0	6.9	112.9	97.9
Fats and oils.....	207	19.8	19.7	9.0	9.4	10.8	10.3	143.2	156.5
Cottonseed oil mills.....	2074	17.8	19.8	7.9	8.8	9.9	10.9	164.2	223.6
Soybean oil mills.....	2075	16.2	15.7	7.7	8.0	8.5	7.7	125.9	136.6
Vegetable oil mills, n.e.c.....	2076	12.8	17.1	4.9	8.9	7.8	8.2	83.6	195.4
Animal and marine fats and oils.....	2077	26.1	26.4	12.6	14.3	13.5	12.1	177.7	186.5
Shortening and cooking oils.....	2079	17.9	17.7	7.4	6.9	10.5	10.8	114.5	107.4
Beverages.....	208	22.8	23.4	10.0	10.6	12.8	12.8	132.0	145.4
Malt beverages.....	2082	19.0	17.9	6.6	6.5	12.3	11.4	122.4	119.8
Malt.....	2083	26.8	27.8	16.6	14.0	10.2	13.8	248.8	255.2
Wines, brandy, and brandy spirits.....	2084	22.4	24.1	11.9	11.9	10.5	12.2	151.4	146.3
Distilled liquor, except brandy.....	2085	15.8	17.3	7.5	8.3	8.2	9.0	122.7	149.5
Bottled and canned soft drinks.....	2086	26.3	27.3	11.8	12.8	14.5	14.5	140.9	161.6
Flavoring extracts and syrups, n.e.c.....	2087	7.9	9.7	3.7	4.6	4.2	5.0	52.6	53.4
Miscellaneous foods and kindred products..	209	15.6	16.1	7.3	7.7	8.3	8.4	116.3	115.6
Canned and cured seafoods.....	2091	20.6	22.6	9.5	9.8	11.1	12.8	156.3	152.8
Fresh or frozen packaged fish.....	2092	18.5	20.3	9.3	10.0	9.2	10.2	140.6	136.8
Roasted coffee.....	2095	-	11.6	-	5.6	-	6.0	-	78.1
Macaroni and spaghetti.....	2098	17.2	18.7	9.2	9.6	8.0	9.1	162.7	195.6
Food preparations, n.e.c.....	2099	14.3	13.9	6.4	6.6	7.9	7.3	100.9	99.4
Tobacco manufactures.....	21	8.5	9.2	4.0	4.2	4.5	5.0	57.6	64.5
Cigarettes.....	211	7.6	7.9	4.1	4.1	3.5	3.8	58.7	64.3
Cigars.....	212	6.7	7.3	2.6	3.0	4.1	4.3	41.3	64.1
Chewing and smoking tobacco.....	213	11.6	12.0	3.2	4.2	8.4	7.8	48.7	57.4
Tobacco stemming and redrying.....	214	13.5	14.2	5.0	5.4	8.4	8.7	68.7	68.6
Textile mill products.....	22	10.0	9.6	3.3	3.4	6.7	6.2	60.5	60.7
Weaving mills, cotton.....	221	7.6	7.4	1.9	1.9	5.7	5.5	48.0	47.3
Weaving mills, synthetics.....	222	7.5	8.8	2.2	2.9	5.3	5.9	44.8	60.3
Weaving and finishing mills, wool.....	223	14.4	13.2	6.4	6.4	8.0	6.7	111.4	109.1
Narrow fabric mills.....	224	10.7	10.9	4.1	4.7	6.6	6.2	61.8	73.5
Knitting mills.....	225	8.4	7.5	3.0	2.9	5.4	4.6	45.3	41.4
Women's hosiery, except socks.....	2251	4.9	4.1	1.9	1.8	3.0	2.3	31.5	24.8
Hosiery, n.e.c.....	2252	5.6	5.1	2.3	2.2	3.3	2.9	34.6	34.5
Knit outerwear mills.....	2253	7.4	6.1	2.5	2.1	4.8	4.0	35.0	29.6
Knit underwear mills.....	2254	9.2	8.4	3.5	3.4	5.7	5.0	48.2	37.7
Circular knit fabric mills.....	2257	11.9	11.8	4.4	4.5	7.5	7.3	70.1	69.8
Warp knit fabric mills.....	2258	12.0	11.3	3.5	4.1	8.4	7.2	60.7	65.2
Knitting mills, n.e.c.....	2259	13.8	10.9	7.2	5.4	6.6	5.5	63.8	64.0
Textile finishing, except wool.....	226	12.7	12.3	4.8	4.8	7.9	7.5	90.4	84.5
Finishing plants, cotton.....	2261	10.8	10.2	4.3	3.9	6.4	6.3	84.0	76.5
Finishing plants, synthetics.....	2262	13.5	13.3	5.1	5.3	8.4	8.0	94.8	93.4
Finishing plants, n.e.c.....	2269	15.2	14.5	5.1	5.7	10.1	8.8	96.3	84.0
Floor covering mills.....	227	13.7	12.0	4.2	3.9	9.5	8.1	73.4	63.8
Woven carpets and rugs.....	2271	9.8	11.3	3.4	4.2	6.4	7.1	65.5	55.3
Tufted carpets and rugs.....	2272	14.5	12.4	4.3	3.9	10.2	8.5	75.2	65.9
Yarn and thread mills.....	228	11.5	10.7	3.2	3.2	8.3	7.5	61.2	61.7
Yarn mills, except wool.....	2281	11.7	11.1	3.0	3.0	8.7	8.1	61.1	57.3
Throwing and winding mills.....	2282	10.8	10.1	3.3	3.5	7.5	6.6	48.4	69.5
Wool yarn mills.....	2283	14.8	10.8	5.4	5.0	9.4	5.7	101.0	97.5
Thread mills.....	2284	7.6	8.7	2.3	2.9	5.3	5.7	44.7	45.1
Miscellaneous textile goods.....	229	14.6	13.3	6.2	5.8	8.4	7.5	102.6	100.3
Felt goods, except woven felts and hats.	2291	22.4	17.8	10.5	7.8	11.9	10.0	162.3	127.9
Lace goods.....	2292	10.8	9.4	3.0	3.5	7.8	5.9	54.2	92.0
Paddings and upholstery filling.....	2293	18.3	14.9	9.8	8.4	8.4	6.5	174.5	153.1
Processed textile waste.....	2294	16.1	13.3	6.5	5.7	9.6	7.6	89.7	107.9
Coated fabrics, not rubberized.....	2295	15.5	14.2	6.4	6.0	9.1	8.2	123.6	99.5
Tire cord and fabric.....	2296	6.7	7.4	2.8	3.8	3.8	3.6	67.9	72.9
Nonwoven fabrics.....	2297	13.8	13.7	5.3	4.9	8.5	8.8	92.1	92.9
Cordage and twine.....	2298	14.7	17.0	6.1	6.5	8.6	10.5	86.8	84.5
Textile goods, n.e.c.....	2299	12.9	12.5	4.9	5.7	8.0	6.8	62.3	94.9

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Apparel and other textile products.....	23	6.4	6.3	2.1	2.2	4.3	4.1	31.3	33.1
Men's and boys' suits and coats.....	231	6.3	6.7	2.3	2.6	3.9	4.1	36.6	46.6
Men's and boys' furnishings.....	232	7.5	7.9	2.6	2.8	4.9	5.1	39.1	42.9
Men's and boys' shirts and nightwear....	2321	5.7	5.9	2.0	2.0	3.7	3.9	26.8	29.6
Men's and boys' underwear.....	2322	7.9	7.0	2.7	2.5	5.2	4.5	41.2	39.8
Men's and boys' neckwear.....	2323	3.3	3.0	.9	.9	2.4	2.1	13.9	13.4
Men's and boys' separate trousers.....	2327	6.8	8.5	2.5	3.0	4.3	5.5	36.2	48.3
Men's and boys' work clothing.....	2328	10.0	10.2	3.7	4.0	6.3	6.2	59.0	60.1
Men's and boys' clothing, n.e.c.....	2329	8.0	7.6	2.4	2.4	5.6	5.2	36.6	33.3
Women's and misses' outerwear.....	233	4.7	4.1	1.3	1.2	3.4	2.8	16.9	18.9
Women's and misses' blouses and waists..	2331	4.6	3.2	1.0	.8	3.6	2.4	13.6	11.8
Women's and misses' dresses.....	2335	3.3	2.6	.9	.7	2.4	1.9	10.9	12.0
Women's and misses' suits and coats.....	2337	4.5	3.9	1.3	1.3	3.2	2.6	18.3	24.1
Women's and misses' outerwear, n.e.c....	2339	6.4	5.9	1.9	1.8	4.5	4.1	24.2	26.8
Women's and children's undergarments.....	234	6.0	6.4	1.7	1.7	4.3	4.6	30.0	30.5
Women's and children's undergarments.....	2341	6.1	6.3	1.7	1.8	4.4	4.5	30.1	32.4
Brassieres and allied garments.....	2342	5.4	6.4	1.7	1.5	3.7	4.9	29.3	23.2
Hats, caps, and millinery.....	235	7.3	7.5	2.6	2.5	4.6	5.0	31.4	37.1
Millinery.....	2351	4.4	4.4	.9	1.1	3.5	3.3	10.3	32.3
Hats and caps, except millinery.....	2352	-	8.0	-	2.7	-	5.3	-	37.9
Children's outerwear.....	236	5.1	5.7	1.8	1.8	3.3	3.9	28.6	29.7
Children's dresses and blouses.....	2361	4.3	5.4	1.2	1.6	3.1	3.8	20.0	29.3
Children's coats and suits.....	2363	-	5.8	-	1.8	-	4.0	-	32.5
Children's outerwear, n.e.c.....	2369	5.2	5.9	2.0	2.0	3.2	3.9	31.9	29.4
Miscellaneous apparel and accessories.....	238	6.3	6.0	2.1	2.3	4.2	3.7	31.1	28.6
Fabric dress and work gloves.....	2381	5.2	4.8	2.2	2.3	3.0	2.5	37.2	34.9
Robes and dressing gowns.....	2384	5.7	5.3	1.5	1.6	4.2	3.7	24.3	19.2
Waterproof outer garments.....	2385	6.9	5.5	1.9	2.1	5.0	3.4	33.4	31.1
Apparel belts.....	2387	8.1	9.6	2.5	3.2	5.6	6.4	30.7	29.0
Apparel and accessories, n.e.c.....	2389	6.5	5.8	2.4	2.2	4.1	3.5	22.8	21.5
Miscellaneous fabricated textile products.....	239	8.6	8.6	3.2	3.2	5.4	5.4	46.7	44.0
Curtains and draperies.....	2391	8.4	8.2	3.2	2.8	5.2	5.3	49.8	39.4
House furnishings, n.e.c.....	2392	9.6	10.2	3.5	3.6	6.1	6.6	45.8	48.0
Textile bags.....	2393	11.6	13.3	4.4	5.4	7.2	7.9	88.8	104.4
Canvas and related products.....	2394	10.6	12.0	3.8	4.5	6.8	7.5	58.1	60.0
Pleating and stitching.....	2395	6.1	5.3	2.5	2.1	3.6	3.1	35.4	27.6
Automotive and apparel trimmings.....	2396	6.3	5.9	2.3	2.3	4.0	3.6	35.4	31.1
Schiffli machine embroideries.....	2397	6.2	4.3	2.8	1.9	3.4	2.5	48.8	19.8
Fabricated textile products, n.e.c.....	2399	9.5	8.2	3.3	3.3	6.2	4.9	46.5	41.1
Paper and allied products.....	26	13.3	13.3	5.6	5.9	7.7	7.4	101.5	106.7
Pulp mills.....	261	10.5	11.1	3.4	4.4	7.1	6.7	81.5	96.8
Paper mills, except building paper.....	262	10.0	10.6	4.5	4.8	5.5	5.8	103.3	106.2
Paperboard mills.....	263	12.0	12.7	4.8	5.0	7.2	7.7	105.8	102.2
Miscellaneous converted paper products....	264	13.8	13.7	5.7	6.0	8.0	7.7	88.7	95.3
Paper coating and glazing.....	2641	10.5	11.1	4.3	4.9	6.2	6.2	66.8	79.3
Envelopes.....	2642	16.6	17.4	6.6	7.7	10.0	9.6	100.0	111.8
Bags, except textile bags.....	2643	16.0	15.7	6.6	6.4	9.3	9.3	96.9	99.8
Die-cut paper and board.....	2645	13.2	13.5	6.0	6.0	7.2	7.5	89.5	92.1
Pressed and molded pulp goods.....	2646	17.8	17.1	7.4	7.4	10.4	9.7	136.5	132.0
Sanitary paper products.....	2647	10.0	10.2	3.8	4.4	6.2	5.8	81.3	86.3
Stationery products.....	2648	15.7	15.8	6.4	8.0	9.3	7.8	83.8	110.7
Converted paper products, n.e.c.....	2649	16.2	14.8	7.1	6.9	9.0	7.9	104.9	104.7
Paperboard containers and boxes.....	265	16.2	15.7	6.7	7.0	9.5	8.7	112.6	120.1
Folding paperboard boxes.....	2651	15.4	14.1	6.2	5.9	9.2	8.2	96.8	99.6
Set-up paperboard boxes.....	2652	12.8	12.7	5.1	5.2	7.6	7.5	89.2	89.6
Corrugated and solid fiber boxes.....	2653	18.3	17.6	7.7	8.1	10.6	9.5	126.9	138.3
Sanitary food containers.....	2654	12.2	12.6	5.4	5.9	6.8	6.7	102.4	94.2
Fiber cans, drums, and similar products.....	2655	15.3	14.9	5.9	6.5	9.4	8.4	98.4	118.6
Building paper and board mills.....	266	13.1	10.7	5.6	5.7	7.5	5.0	104.6	122.1
Printing and publishing.....	27	6.9	7.0	2.9	3.0	4.0	4.0	42.8	44.1
Newspapers.....	271	5.8	5.9	2.6	2.8	3.2	3.1	43.2	45.7
Periodicals.....	272	2.8	2.8	1.1	1.3	1.7	1.4	16.8	18.1

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Books.....	273	7.0	7.2	2.6	2.8	4.4	4.4	35.2	38.0
Book publishing.....	2731	4.7	4.9	1.9	1.9	2.8	3.0	23.5	25.1
Book printing.....	2732	12.1	11.7	4.1	4.6	8.0	7.1	60.6	64.1
Miscellaneous publishing.....	274	2.6	3.2	1.2	1.4	1.4	1.8	18.5	19.4
Commercial printing.....	275	8.5	8.5	3.5	3.6	5.0	4.9	51.7	50.1
Commercial printing, letterpress.....	2751	7.6	7.9	3.2	3.4	4.3	4.4	49.3	47.9
Commercial printing, lithographic.....	2752	9.0	8.7	3.6	3.5	5.4	5.2	51.3	48.6
Engraving and plate printing.....	2753	7.8	7.2	2.7	3.3	5.1	3.9	55.0	44.5
Commercial printing, gravure.....	2754	15.5	14.7	8.1	7.8	7.4	6.9	92.9	111.1
Manifold business forms.....	276	11.5	12.9	4.9	5.5	6.6	7.4	57.2	68.3
Greeting card publishing.....	277	6.3	6.3	2.6	2.7	3.7	3.5	31.9	38.3
Blankbooks and bookbinding.....	278	10.7	9.8	4.2	4.0	6.5	5.8	57.9	54.1
Blankbooks and looseleaf binders.....	2782	10.4	9.5	4.2	3.8	6.1	5.7	52.1	50.8
Bookbinding and related work.....	2789	11.3	10.1	4.0	4.3	7.3	5.8	67.0	59.9
Printing trade services.....	279	2.4	3.0	.9	1.1	1.5	1.9	13.8	18.6
Typesetting.....	2791	1.6	2.1	.6	.9	1.0	1.2	10.8	19.9
Photoengraving.....	2793	3.2	3.8	1.2	1.1	1.9	2.6	14.0	16.2
Electrotyping and stereotyping.....	2794	5.4	5.5	1.5	1.7	3.9	3.8	17.0	18.0
Lithographic platemaking services.....	2795	4.2	4.6	1.4	1.7	2.8	2.9	24.9	16.9
Chemicals and allied products.....	28	7.2	7.2	3.1	3.3	4.1	3.9	48.9	52.9
Industrial inorganic chemicals.....	281	5.8	5.5	2.4	2.5	3.3	3.0	48.4	45.4
Alkalies and chlorine.....	2812	4.9	4.6	2.3	2.3	2.6	2.3	54.3	43.1
Inorganic pigments.....	2816	9.5	8.9	4.5	3.9	5.0	5.0	81.3	52.3
Industrial inorganic chemicals, n.e.c.....	2819	5.5	4.9	2.1	2.2	3.4	2.7	40.0	42.0
Plastics materials and synthetics.....	282	5.3	5.1	2.2	2.3	3.1	2.8	34.7	39.6
Plastics materials and resins.....	2821	7.9	8.3	3.5	4.0	4.4	4.3	51.4	67.7
Cellulosic man-made fibers.....	2823	-	2.9	-	1.0	-	1.8	-	25.2
Organic fibers, noncellulosic.....	2824	2.4	2.2	.7	.7	1.7	1.5	17.6	14.1
Drugs.....	283	6.1	6.5	2.8	3.1	3.3	3.4	39.5	44.4
Biological products.....	2831	6.0	7.1	2.9	3.0	3.0	4.1	46.2	47.3
Medicinals and botanicals.....	2833	6.5	8.0	3.7	3.7	2.8	4.3	57.2	51.7
Pharmaceutical preparations.....	2834	6.1	6.3	2.7	3.1	3.4	3.2	36.4	43.1
Soap, cleaners, and toilet goods.....	284	9.3	9.3	4.3	4.6	4.9	4.7	64.5	70.2
Soap and other detergents.....	2841	8.2	8.8	4.4	4.4	3.8	4.4	67.5	76.2
Polishes and sanitation goods.....	2842	12.1	12.1	5.0	5.9	7.1	6.2	72.9	79.9
Surface active agents.....	2843	13.4	9.1	5.8	4.7	7.6	4.4	78.2	63.1
Toilet preparations.....	2844	7.9	8.0	3.7	4.0	4.1	4.0	56.1	60.7
Paints and allied products.....	285	13.6	12.8	5.9	5.7	7.7	7.1	77.3	79.3
Industrial organic chemicals.....	286	5.6	5.1	2.3	2.3	3.3	2.8	39.1	44.7
Gum and wood chemicals.....	2861	8.7	9.6	3.8	4.5	4.9	5.1	62.4	71.1
Cyclic crudes and intermediates.....	2865	8.8	6.9	3.4	3.1	5.4	3.7	60.8	56.2
Industrial organic chemicals, n.e.c.....	2869	4.4	4.3	1.9	1.9	2.5	2.4	31.6	39.8
Agricultural chemicals.....	287	8.6	9.0	3.3	3.8	5.2	5.2	54.8	59.4
Nitrogenous fertilizers.....	2873	7.4	8.8	2.8	3.0	4.5	5.8	42.3	49.9
Phosphate fertilizers.....	2874	8.0	7.6	2.7	3.0	5.3	4.6	60.0	53.3
Fertilizers, mixing only.....	2875	13.0	12.6	4.6	5.2	8.4	7.4	78.7	83.2
Agricultural chemicals, n.e.c.....	2879	7.0	7.8	3.2	3.9	3.8	3.9	46.0	55.2
Miscellaneous chemical products.....	289	11.0	12.0	4.9	5.7	6.1	6.3	71.8	80.5
Adhesives and sealants.....	2891	13.2	15.3	5.6	7.7	7.6	7.6	80.0	82.6
Explosives.....	2892	5.5	5.2	2.3	2.2	3.1	3.0	51.9	44.2
Printing ink.....	2893	12.8	12.7	5.2	5.7	7.5	7.0	70.0	87.7
Carbon black.....	2895	7.2	7.9	4.3	4.2	2.9	3.7	86.5	88.6
Chemical preparations, n.e.c.....	2899	11.8	12.8	5.4	6.0	6.4	6.8	73.9	87.7
Petroleum and coal products.....	29	7.7	7.5	3.3	3.5	4.3	3.9	57.2	61.1
Petroleum refining.....	291	5.7	5.3	2.6	2.6	3.1	2.7	45.0	45.1
Paving and roofing materials.....	295	14.0	15.4	5.6	6.8	8.4	8.5	104.0	121.8
Paving mixtures and blocks.....	2951	10.8	13.7	3.9	5.7	6.8	8.0	69.5	95.0
Asphalt felts and coatings.....	2952	15.9	16.2	6.5	7.4	9.4	8.8	124.3	135.4
Miscellaneous petroleum and coal products.....	299	16.2	14.8	7.0	7.0	9.2	7.7	90.9	109.3
Lubricating oils and greases.....	2992	13.2	14.4	5.8	7.0	7.4	7.4	77.5	113.5
Petroleum and coal products, n.e.c.....	2999	27.2	16.8	11.4	7.0	15.7	9.7	140.9	87.0

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry 2/	SIC code 3/	Incidence rates per 100 full-time workers 4/							
		Total cases 5/		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Rubber and miscellaneous plastics products..	30	16.6	16.5	7.9	8.0	8.7	8.5	121.7	122.9
Tires and inner tubes.....	301	15.0	14.6	11.2	10.9	3.7	3.7	196.7	195.6
Rubber and plastics footwear.....	302	12.1	12.6	6.2	5.6	5.8	7.0	78.1	102.1
Reclaimed rubber.....	303	30.5	29.9	17.4	22.4	13.1	7.5	373.3	510.4
Rubber and plastics hose and belting.....	304	13.5	14.4	6.8	7.0	6.7	7.4	115.3	99.6
Fabricated rubber products, n.e.c.....	306	16.4	16.7	8.0	8.5	8.4	8.2	122.9	136.2
Miscellaneous plastics products.....	307	17.5	17.2	7.0	7.3	10.5	9.9	102.0	102.2
Leather and leather products.....	31	11.0	10.9	4.5	4.7	6.5	6.2	68.9	70.6
Leather tanning and finishing.....	311	21.8	20.2	11.1	11.3	10.6	8.9	194.6	176.1
Boot and shoe cut stock and findings.....	313	15.5	12.7	5.8	5.3	9.7	7.4	92.2	76.0
Footwear, except rubber.....	314	9.8	10.2	3.9	4.1	5.9	6.1	59.3	63.4
House slippers.....	3142	8.7	9.2	3.9	4.4	4.8	4.8	63.4	64.9
Men's footwear, except athletic.....	3143	10.5	11.9	4.3	4.6	6.2	7.3	58.9	71.9
Women's footwear, except athletic.....	3144	9.1	8.9	3.5	3.8	5.6	5.1	59.1	59.6
Footwear, except rubber, n.e.c.....	3149	10.2	10.0	3.7	3.9	6.5	6.1	59.9	52.1
Leather gloves and mittens.....	315	5.4	5.5	2.4	2.5	3.0	3.0	23.2	64.2
Luggage.....	316	10.8	12.1	4.3	5.3	6.5	6.8	48.5	76.9
Handbags and personal leather goods.....	317	8.8	7.6	2.8	2.8	6.0	4.8	37.0	38.6
Women's handbags and purses.....	3171	7.7	7.0	2.0	2.1	5.7	4.9	31.2	26.0
Personal leather goods, n.e.c.....	3172	9.8	8.5	3.6	3.7	6.2	4.8	42.9	55.5
Leather goods, n.e.c.....	319	-	11.5	-	4.4	-	7.1	-	53.4
Transportation and public utilities.....		9.9	9.9	5.7	5.8	4.2	4.0	101.3	106.1
Railroad transportation 7/.....	40	11.7	12.0	7.5	7.9	4.2	4.1	98.5	104.7
Local and interurban passenger transit.....	41	8.7	9.2	4.7	5.1	4.0	4.1	84.2	96.6
Trucking and warehousing.....	42	16.1	15.7	9.3	9.4	6.7	6.3	176.0	187.5
Trucking, local and long distance.....	421	16.1	15.6	9.5	9.5	6.6	6.1	180.9	190.9
Public warehousing.....	422	15.2	16.3	7.4	8.0	7.8	8.3	104.5	138.5
Trucking terminal facilities.....	423	17.9	21.7	9.5	12.0	8.3	9.7	176.4	176.1
Water transportation.....	44	14.1	13.9	7.7	7.8	6.4	6.1	268.9	284.1
Water transportation services.....	446	21.5	20.8	12.1	11.7	9.4	9.0	454.0	465.2
Transportation by air.....	45	12.9	13.4	8.1	8.4	4.8	5.0	93.7	100.3
Pipelines, except natural gas.....	46	4.6	4.4	1.9	1.6	2.7	2.8	29.2	21.8
Transportation services.....	47	5.5	5.9	2.7	3.0	2.7	2.9	41.4	46.7
Miscellaneous transportation services.....	478	17.8	21.7	7.6	10.0	10.1	11.6	119.4	169.2
Communication.....	48	2.6	2.8	1.5	1.7	1.1	1.1	28.2	28.7
Electric, gas, and sanitary services.....	49	8.8	8.6	4.3	4.3	4.5	4.3	76.0	72.6
Electric services.....	491	-	8.0	-	3.7	-	4.3	-	61.2
Sanitary services.....	495	25.8	23.9	15.0	14.1	10.7	9.7	222.4	209.4
Wholesale and retail trade.....		7.8	7.9	3.1	3.4	4.7	4.5	44.3	48.3
Wholesale trade.....		8.8	8.7	3.9	4.0	4.9	4.6	56.8	58.2
Wholesale trade--durable goods.....	50	8.5	8.5	3.5	3.8	5.0	4.7	51.0	51.8
Wholesale trade--nondurable goods.....	51	9.2	8.9	4.4	4.5	4.8	4.4	65.2	67.8
Retail trade.....		7.4	7.6	2.8	3.1	4.6	4.5	39.1	44.1
Building materials and garden supplies....	52	9.7	9.4	4.1	4.2	5.5	5.2	60.2	60.9
Lumber and other building materials.....	521	-	12.0	-	5.6	-	6.4	-	79.8
General merchandise stores.....	53	9.0	9.7	3.7	4.1	5.3	5.5	48.0	55.6
Food stores.....	54	10.6	11.7	4.2	5.1	6.4	6.6	66.5	81.8
Automotive dealers and service stations...	55	7.9	7.8	2.5	2.7	5.4	5.1	38.0	40.8
Apparel and accessory stores.....	56	2.2	2.6	.9	.9	1.3	1.7	14.7	16.1
Furniture and home furnishings stores.....	57	5.0	4.7	2.4	2.3	2.6	2.3	37.9	39.3
Eating and drinking places.....	58	7.4	7.4	2.5	2.7	4.9	4.7	28.1	31.6
Miscellaneous retail.....	59	3.7	3.7	1.6	1.6	2.1	2.1	23.5	24.9
Finance, insurance, and real estate.....		2.0	2.1	.8	.9	1.2	1.2	12.1	12.9
Banking.....	60	1.5	1.7	.6	.7	.9	1.0	6.9	10.0
Credit agencies other than banks.....	61	1.1	1.2	.4	.5	.7	.7	5.1	5.0
Security, commodity brokers, and services...	62	.8	1.0	.3	.4	.5	.6	4.5	3.8
Insurance carriers.....	63	1.9	2.0	.7	.8	1.2	1.2	11.8	9.7
Insurance agents, brokers and service.....	64	.8	.7	.3	.3	.4	.4	-	-
Real estate.....	65	4.7	4.6	2.1	2.3	2.5	2.3	32.6	33.8

See footnotes at end of table.

Table 4. Continued—Occupational Injury Incidence rates by Industry, 1978 and 1979¹

Industry ^{2/}	SIC code ^{3/}	Incidence rates per 100 full-time workers ^{4/}							
		Total cases ^{5/}		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1978	1979	1978	1979	1978	1979	1978	1979
Services.....		5.3	5.3	2.3	2.4	3.0	2.9	35.4	37.1
Hotels and other lodging places.....	70	9.0	8.9	3.5	3.7	5.5	5.2	50.8	51.0
Personal services.....	72	3.4	3.1	1.5	1.4	1.9	1.7	26.0	23.4
Business services.....	73	4.8	4.9	2.2	2.3	2.6	2.6	34.5	34.8
Auto repair, services, and garages.....	75	8.1	7.9	3.4	3.5	4.7	4.4	41.7	56.8
Miscellaneous repair services.....	76	9.7	9.1	4.4	4.1	5.3	5.0	68.5	70.4
Miscellaneous repair shops.....	769	12.0	11.6	5.3	5.2	6.7	6.4	79.2	88.8
Motion pictures.....	78	4.1	5.1	1.3	1.6	2.8	3.4	25.4	27.1
Amusement and recreation services.....	79	8.0	8.1	3.6	3.6	4.4	4.5	44.8	57.7
Health services.....	80	6.6	6.6	3.0	3.1	3.6	3.5	46.9	48.6
Educational services.....	82	3.1	3.2	1.2	1.2	1.9	2.0	19.0	16.6
Social services.....	83	5.8	5.7	2.5	2.5	3.3	3.2	36.8	39.5
Museums, botanical, and zoological gardens.....	84	7.1	6.4	2.6	2.5	4.4	3.9	34.6	24.3
Miscellaneous services.....	89	1.8	2.0	.7	.8	1.1	1.2	10.0	10.4

¹ To compare 1978 and 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² Totals for divisions and 2- and 3-digit sic codes include data for industries not shown separately.

³ Standard Industrial Classification Manual, 1972 Edition, 1977 supplement.

⁴ The incidence rates represent the number of injuries or lost workdays per 100 full-time workers and were calculated as: (N/EH) X 200,000, where

N = number of injuries or lost workdays
 EH = total hours worked by all employees during calendar year
 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

⁵ Includes fatalities. Because of rounding, the difference between the total and the sum of the rates for lost workday cases and nonfatal cases without lost workdays does not reflect the fatality rate.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data conforming to the OSHA definitions for coal and lignite mining (sic 11 and 12) and metal and nonmetal mining (sic 10 and 14), and for railroad transportation (sic 40) were provided by the Mine Safety and Health Administration, U.S. Department of Labor, and by the Federal Railroad Administration, U.S. Department of Transportation.

NOTE: Dashes indicate data that do not meet publication guidelines. n.e.c. = Not elsewhere classified.

Table 5. Occupational Injury Incidence rates by Industry division and employment size, 1978 and 1979

Industry division	Incidence rates per 100 full-time workers ^{1/}															
	1 to 19 employees ^{2/}		20 to 49 employees		50 to 99 employees		100 to 249 employees		250 to 499 employees		500 to 999 employees		1,000 to 2,499 employees		2,500 employees or more	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
Private sector ^{3/}	4.0	3.9	9.0	8.8	11.6	11.8	12.8	12.9	12.2	12.2	10.4	10.6	8.6	8.5	6.9	7.1
Agriculture, forestry, and fishing ^{3/}	6.5	6.0	10.4	9.7	13.5	13.6	14.6	14.9	16.5	15.7	14.0	14.0	21.7	21.4	-	-
Mining.....	7.5	6.0	12.5	12.5	13.4	14.1	12.8	13.5	12.8	12.2	9.5	10.0	8.4	7.6	.9	4.1
Construction.....	9.4	9.3	17.9	18.0	21.3	21.1	21.1	22.2	20.7	18.9	18.3	19.6	17.4	14.5	6.2	10.5
Manufacturing.....	8.5	8.3	14.8	14.5	17.7	17.7	17.8	17.8	15.2	15.4	11.9	12.3	9.0	9.2	6.6	6.6
Transportation and public utilities.....	6.4	5.7	10.5	10.6	12.5	13.4	10.2	9.6	10.0	10.2	10.4	10.5	9.2	9.1	9.9	10.1
Wholesale and retail trade.....	3.2	3.1	8.0	7.5	10.2	10.7	11.8	12.4	11.3	11.9	11.3	11.4	10.9	11.0	10.0	11.7
Wholesale trade.....	4.5	4.3	9.0	8.9	11.4	11.2	12.6	12.2	11.8	12.7	10.8	11.0	7.1	6.0	1.3	.8
Retail trade.....	2.6	2.7	7.5	6.8	9.7	10.5	11.3	12.5	11.1	11.6	11.5	11.6	11.6	12.1	10.2	11.8
Finance, insurance, and real estate.....	1.3	1.3	1.7	1.6	2.1	2.4	2.6	2.5	2.8	3.0	2.5	2.6	2.3	2.5	2.1	2.3
Services.....	1.8	1.8	3.6	3.7	6.0	5.9	7.5	7.7	7.8	7.4	7.6	7.2	7.5	7.2	5.6	5.8

¹ The incidence rates represent the number of injuries per 100 full-time workers and were calculated as: (N/EH) X 200,000 where

N = number of injuries
 EH = total hours worked by all employees during calendar year
 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

² To compare 1978 and 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

³ Excludes farms with fewer than 11 employees.

NOTE: Dashes indicate data that do not meet publication guidelines.

Table 6. Occupational Injury Incidence rates for lost workday cases by Industry, 1978 and 1979¹

Industry	SIC code 3/	Incidence rates per 100 full-time workers 2/											
		Lost workday injuries						Lost workdays					
		Total lost workday cases		Cases involving days away from work 4/		Cases involving days of restricted work activity only		Total lost workdays		Number of days away from work		Number of days of restricted work activity 5/	
		1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
Private sector 6/.....		4.0	4.2	3.7	3.9	0.3	0.3	62.1	66.2	57.4	61.0	4.7	5.2
Agriculture, forestry, and fishing 6/.....		5.2	5.5	5.1	5.3	.1	.2	78.3	81.7	74.2	76.9	4.1	4.8
Agricultural production 6/.....	01-02	5.6	6.2	5.5	5.9	.1	.2	78.9	83.2	74.7	78.4	4.2	4.8
Agricultural services.....	07	4.8	5.0	4.7	4.8	.1	.2	78.5	81.8	74.5	77.0	4.0	4.7
Forestry.....	08	5.0	4.8	4.7	4.4	.3	.4	78.9	78.5	73.4	71.8	5.5	6.6
Fishing, hunting, and trapping.....	09	2.1	2.1	2.0	2.1	-	-	62.4	46.1	59.5	44.1	-	-
Mining.....		6.4	6.7	6.0	6.3	.4	.4	142.3	149.8	134.5	143.6	7.8	6.2
Metal mining 7/.....	10	5.4	5.9	3.8	3.8	1.6	2.1	113.1	117.2	94.1	95.5	18.9	21.7
Anthracite mining 7/.....	11	11.3	10.9	11.3	10.7	(8)	.2	306.7	266.6	297.0	257.1	9.7	9.4
Bituminous coal and lignite mining 7/.....	12	7.3	8.2	6.8	8.0	.5	.2	169.6	205.4	159.4	201.1	10.2	4.3
Oil and gas extraction.....	13	6.9	6.9	6.8	6.7	.1	.2	153.4	150.6	148.4	146.5	5.0	4.1
Nonmetallic minerals, except fuels 7/.....	14	4.1	4.1	3.9	3.8	.2	.3	87.4	80.8	81.1	74.0	6.3	6.8
Construction.....		6.3	6.8	6.2	6.5	.2	.2	108.1	119.2	103.3	113.9	4.8	5.3
General building contractors.....	15	6.2	6.7	6.1	6.5	.1	.2	104.1	110.3	99.2	105.3	4.9	4.9
Heavy construction contractors.....	16	6.2	6.6	6.0	6.3	.2	.2	109.5	121.8	105.5	117.0	4.0	4.8
Special trade contractors.....	17	6.5	6.9	6.4	6.7	.1	.2	109.8	123.0	104.7	117.4	5.1	5.6
Manufacturing.....		5.4	5.7	4.9	5.1	.5	.6	82.3	87.3	74.2	78.2	8.1	9.1
Durable goods.....		5.8	6.1	5.1	5.4	.6	.7	86.3	92.0	77.1	81.6	9.2	10.4
Lumber and wood products.....	24	11.0	10.7	10.7	10.3	.3	.4	177.5	174.1	169.9	166.9	7.6	7.2
Furniture and fixtures.....	25	6.8	7.0	6.4	6.4	.4	.6	94.3	97.2	88.5	89.8	5.8	7.4
Stone, clay, and glass products.....	32	7.6	7.9	7.2	7.3	.4	.6	123.8	130.9	116.1	121.6	7.6	9.3
Primary metal industries.....	33	7.3	7.9	6.2	6.7	1.1	1.2	120.5	130.7	105.1	113.9	15.4	16.8
Fabricated metal products.....	34	7.8	8.5	7.2	7.9	.6	.6	110.0	121.3	102.1	111.6	7.9	9.7
Machinery, except electrical.....	35	5.2	5.8	4.7	5.1	.5	.7	72.6	80.4	64.1	70.8	8.5	9.6
Electric and electronic equipment.....	36	3.1	3.2	2.6	2.7	.4	.5	46.5	47.9	39.2	40.0	7.3	7.9
Transportation equipment.....	37	5.0	5.3	4.0	4.3	1.0	1.0	74.7	82.7	61.0	67.5	13.7	15.2
Instruments and related products.....	38	2.4	2.7	2.2	2.4	.2	.3	34.0	38.0	30.0	32.8	4.0	5.2
Miscellaneous manufacturing industries..	39	4.3	4.5	4.1	4.2	.2	.3	63.0	64.8	57.9	59.7	5.1	5.1
Nondurable goods.....		4.9	5.1	4.5	4.7	.4	.4	76.3	79.9	69.8	73.0	6.4	6.9
Food and kindred products.....	20	8.6	9.2	8.2	8.7	.4	.5	128.4	136.9	121.3	129.1	7.0	7.8
Tobacco manufactures.....	21	4.0	4.2	2.4	2.7	1.6	1.5	57.6	64.5	39.4	46.6	18.2	17.9
Textile mill products.....	22	3.3	3.4	3.1	2.9	.2	.4	60.5	60.7	55.4	54.9	5.1	5.8
Apparel and other textile products.....	23	2.1	2.2	2.1	2.1	(8)	.1	31.3	33.1	29.8	31.3	1.5	1.8
Paper and allied products.....	26	5.6	5.9	5.1	5.3	.5	.6	101.5	106.7	94.1	98.2	7.4	8.5
Printing and publishing.....	27	2.9	3.0	2.8	2.9	.1	.1	42.8	44.1	40.4	41.5	2.4	2.6
Chemicals and allied products.....	28	3.1	3.3	2.6	2.8	.5	.5	48.9	52.9	40.1	43.4	8.8	9.5
Petroleum and coal products.....	29	3.3	3.5	2.5	2.7	.8	.8	57.2	61.1	45.8	49.3	11.4	11.8
Rubber and miscellaneous plastics products.....	30	7.9	8.0	7.0	7.1	.9	.9	121.7	122.9	107.4	108.5	14.3	14.4
Leather and leather products.....	31	4.5	4.7	4.4	4.5	.1	.2	68.9	70.6	66.0	67.6	2.9	3.0
Transportation and public utilities.....		5.7	5.8	5.2	5.3	.4	.5	101.3	106.1	93.1	97.4	8.2	8.7
Railroad transportation 7/.....	40	7.5	7.9	6.9	7.1	.6	.8	98.5	104.7	92.4	96.6	6.1	8.1
Local and interurban passenger transit..	41	4.7	5.1	4.5	4.8	.2	.3	84.2	96.6	80.8	92.4	3.4	4.2
Trucking and warehousing.....	42	9.3	9.4	9.3	9.3	(8)	.1	176.0	187.5	173.4	184.2	2.5	3.3
Water transportation.....	44	7.7	7.8	7.6	7.7	(8)	.1	268.9	284.1	265.2	281.1	3.7	3.0
Transportation by air.....	45	8.1	8.4	7.6	7.8	.5	.5	93.7	100.3	88.1	95.0	5.6	5.3
Pipelines, except natural gas.....	46	1.9	1.6	1.8	1.5	(8)	.1	29.2	21.8	27.6	20.4	1.6	1.4
Transportation services.....	47	2.7	3.0	2.7	2.9	(8)	.1	41.4	46.7	40.8	45.0	.6	1.7
Communication.....	48	1.5	1.7	1.1	1.1	.4	.5	28.2	28.7	16.0	16.3	12.1	12.4
Electric, gas, and sanitary services....	49	4.3	4.3	3.2	3.2	1.1	1.1	76.0	72.6	57.5	54.7	18.5	17.9
Wholesale and retail trade.....		3.1	3.4	3.0	3.2	.1	.2	44.3	48.3	41.6	45.4	2.7	2.9
Wholesale trade.....		3.9	4.0	3.7	3.9	.2	.1	56.8	58.2	52.8	54.5	4.0	3.7
Wholesale trade--durable goods.....	50	3.5	3.8	3.4	3.6	.1	.2	51.0	51.8	47.0	47.9	4.0	3.8
Wholesale trade--nondurable goods.....	51	4.4	4.5	4.2	4.3	.1	.2	65.2	67.8	61.0	64.4	4.1	3.4
Retail trade.....		2.8	3.1	2.7	2.9	.1	.1	39.1	44.1	37.0	41.5	2.1	2.6
Building materials and garden supplies..	52	4.1	4.2	4.0	4.0	.1	.2	60.2	60.9	56.0	56.3	4.2	4.6
General merchandise stores.....	53	3.7	4.1	3.5	3.9	.2	.2	48.0	55.6	44.7	51.8	3.3	3.8
Food stores.....	54	4.2	5.1	4.1	5.0	(8)	.1	66.5	81.8	65.6	79.1	.9	2.7
Automotive dealers and service stations.	55	2.5	2.7	2.4	2.6	.1	.1	38.0	40.8	35.5	37.7	2.5	3.1
Apparel and accessory stores.....	56	.9	.9	.9	.9	(8)	(8)	14.7	16.1	13.8	15.1	.9	1.0
Furniture and home furnishings stores..	57	2.4	2.3	2.3	2.2	.1	.1	37.9	39.3	35.2	36.7	2.7	2.6
Eating and drinking places.....	58	2.5	2.7	2.4	2.5	.1	.2	28.1	31.6	26.5	29.7	1.6	1.9
Miscellaneous retail.....	59	1.6	1.6	1.5	1.5	.1	.1	23.5	24.9	21.1	22.5	2.4	2.4

See footnotes at end of table.

Table 6. Continued—Occupational injury incidence rates for lost workday cases by industry, 1978 and 1979¹

Industry	SIC code 3/	Incidence rates per 100 full-time workers 2/											
		Lost workday injuries						Lost workdays					
		Total lost workday cases		Cases involving days away from work 4/		Cases involving days of restricted work activity only		Total lost workdays		Number of days away from work		Number of days of restricted work activity 5/	
		1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
Finance, insurance, and real estate.....		0.8	0.9	0.8	0.9	(8)	(8)	12.1	12.9	11.3	11.7	0.8	1.1
Banking.....	60	.6	.7	.6	.7	(8)	(8)	6.9	10.0	6.3	8.6	.6	1.4
Credit agencies other than banks.....	61	.4	.5	.4	.4	(8)	(8)	5.1	5.0	4.7	4.5	.4	.5
Security, commodity brokers, and services.....	62	.3	.4	.3	.4	(8)	-	4.5	3.8	4.4	3.6	.1	-
Insurance carriers.....	63	.7	.8	.7	.7	(8)	(8)	11.8	9.7	11.1	9.0	.7	.7
Insurance agents, brokers and service...	64	.3	.3	.3	.3	(8)	(8)	4.8	-	4.1	-	.7	-
Real estate.....	65	2.1	2.3	2.1	2.2	(8)	.1	32.6	33.8	31.0	31.8	1.6	2.0
Services.....		2.3	2.4	2.2	2.3	.1	.1	35.4	37.1	33.5	34.9	1.9	2.1
Hotels and other lodging places.....	70	3.5	3.7	3.4	3.6	.1	.1	50.8	51.0	48.8	48.9	2.0	2.1
Personal services.....	72	1.5	1.4	1.4	1.4	(8)	(8)	26.0	23.4	25.0	22.4	.9	.9
Business services.....	73	2.2	2.3	2.1	2.2	.1	.1	34.5	34.8	32.5	32.3	1.9	2.4
Auto repair, services, and garages.....	75	3.4	3.5	3.1	3.3	.3	.2	41.7	56.8	37.4	52.1	4.3	4.6
Miscellaneous repair services.....	76	4.4	4.1	4.3	3.9	.1	.2	68.5	70.4	60.6	65.9	7.9	4.5
Motion pictures.....	78	1.3	1.6	1.3	1.6	(8)	(8)	25.4	27.1	24.5	25.9	.8	1.1
Amusement and recreation services.....	79	3.6	3.6	3.1	3.4	.4	.2	44.8	57.7	41.4	52.8	3.4	4.9
Health services.....	80	3.0	3.1	2.9	3.1	(8)	(8)	46.9	48.6	45.4	46.9	1.5	1.6
Educational services.....	82	1.2	1.2	1.2	1.2	(8)	(8)	19.0	16.6	18.0	14.9	1.0	1.7
Social services.....	83	2.5	2.5	2.5	2.4	(8)	.1	36.8	39.5	34.3	36.5	2.5	3.0
Museums, botanical and zoological gardens.....	84	2.6	2.5	2.6	2.4	(8)	.1	34.6	24.3	32.5	23.3	2.1	1.0
Miscellaneous services.....	89	.7	.8	.6	.7	(8)	(8)	10.0	10.4	8.4	8.8	1.6	1.6

¹ To compare 1978 and 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² The incidence rates represent the number of lost workday injuries or lost workdays per 100 full-time workers and were calculated as: (N/EH X 200,000), where

N = number of lost workday injuries or lost workdays
 EH = total hours worked by all employees during calendar year
 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

³ Standard Industrial Classification Manual, 1972 Edition, 1977 supplement.

⁴ Also includes cases which involved both days away from work and days of restricted work activity.

⁵ The number of days of restricted work activity includes those resulting from cases involving restricted work activity only and days resulting from cases involving days away from work and days of restricted work activity.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data conforming to OSHA definitions for coal and lignite mining (SIC 11 and 12) and metal and nonmetal mining (sic 10 and 14), and for railroad transportation (sic 40) were provided by the Mine Safety and Health Administration, U.S. Department of Labor, and by the Federal Railroad Administration, U.S. Department of Transportation.

⁸ Incidence rates less than 0.05.

NOTE: Dashes indicate data that do not meet publication guidelines.

Table 7. Number of occupational illnesses by industry division and category of illness, 1979¹

(In thousands)

Industry division	Total illnesses	Number of illnesses by category						
		Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
Private sector ² /.....	148.9	67.9	1.7	13.2	5.8	15.1	21.9	23.3
Agriculture, forestry, and fishing ² /.	3.3	2.3	(3)	.1	.2	.2	.1	.4
Mining.....	1.5	.5	.3	.1	.1	.2	.1	.2
Construction.....	8.7	3.5	.2	1.1	.4	1.5	.4	1.5
Manufacturing.....	87.3	41.6	.9	7.8	3.2	8.6	18.8	6.3
Transportation and public utilities...	8.4	3.5	.1	.9	.3	1.2	.9	1.5
Wholesale and retail trade.....	15.8	6.1	.1	1.3	.8	1.6	.8	5.1
Wholesale trade.....	5.5	1.5	.1	.4	.3	.6	.5	2.1
Retail trade.....	10.3	4.6	(3)	.9	.5	1.0	.3	2.9
Finance, insurance, and real estate...	2.0	.5	(3)	.2	.1	.1	.1	1.0
Services.....	21.9	9.8	.1	1.7	.6	1.7	.7	7.3

¹ To compare 1979 survey data with data published in previous years, a statistical method was developed for generating the estimates to represent the small nonfarm employers in low-risk industries who were not surveyed. The estimating procedure involved averaging the data reported by small employers for the 1975, 1976, and 1977 annual surveys.

² Excludes farms with fewer than 11 employees.

³ Fewer than 50 cases.

NOTE: Because of rounding, components may not add to totals.

Table 8. Occupational injury and illness fatalities and employment for employers with 11 or more employees by industry division, 1978 and 1979

Industry division	Annual average employment ¹ /				Fatalities			
	1978		1979		1978		1979	
	Number (thousands)	Percent	Number (thousands)	Percent	Number	Percent	Number	Percent
Private sector.....	59,297	100	61,660	100	4,590	100	4,950	100
Agriculture, forestry, and fishing..	838	1	876	1	95	2	110	2
Mining.....	787	1	890	1	345	8	490	10
Construction.....	3,028	5	3,138	5	925	20	960	19
Manufacturing.....	19,759	33	20,325	33	1,170	26	1,100	22
Transportation and public utilities.	4,464	8	4,637	8	835	18	915	19
Wholesale and retail trade.....	14,410	24	14,938	24	655	14	930	19
Finance, insurance, and real estate.	3,711	6	3,905	6	200	4	85	2
Services.....	12,300	21	12,951	21	365	8	360	7

¹ Annual average employment for nonagricultural industries is based on the employment and earnings survey conducted by the Bureau of Labor Statistics, in cooperation with State agencies. The employment estimate for the services division is adjusted to exclude the employment for the nonfarm portion of agricultural services and nonclassifiable establishments. The employment estimates have been adjusted based on County Business Patterns to exclude establishments with fewer than 11 employees. Annual average employment for the agriculture, forestry, and fishing division is a

composite of data from State unemployment insurance programs and estimates of hired-farm workers engaged in agricultural production provided by the U.S. Department of Agriculture. The agricultural production employment estimate as originally published by the Department of Agriculture is adjusted to exclude employment on farms with fewer than 11 employees.

NOTE: Because of rounding, components may not add to totals.

Table 9. Causes of fatalities resulting from occupational injury and illness in 1978 and 1979¹ in units with 11 or more employees, private sector, by industry division

(Percent distribution by industry)

Cause ^{2/}	Total ^{3/}	Agriculture, forestry, and fishing	Mining-- oil and gas extraction only	Construction	Manufacturing	Transportation and public utilities ^{4/}	Wholesale and retail trade	Finance, insurance, and real estate	Services
Total - all causes.....	100	100	100	100	100	100	100	100	100
Over-the-road motor vehicles..	28	27	17	15	18	45	40	52	23
Heart attacks.....	10	9	9	10	7	7	15	22	17
Industrial vehicles or equipment.....	10	22	22	15	12	5	3	4	8
Falls.....	10	5	10	26	8	4	5	4	8
Electrocutions.....	8	6	18	11	6	8	3	3	10
Aircraft crashes.....	7	9	10	2	4	18	4	6	13
Struck by objects other than vehicles or equipment.....	5	10	4	6	9	3	2	1	3
Plant machinery operations....	4	3	1	1	12	(5)	2	0	(5)
Gun shots.....	4	0	0	(5)	1	2	19	2	4
Caught in, under, or between objects other than vehicles or equipment.....	4	4	0	8	5	1	1	0	1
Explosions.....	3	0	2	2	5	1	1	4	3
Fires.....	2	1	5	1	6	1	1	0	0
Gas inhalation.....	2	1	1	1	4	1	1	0	2
All other.....	4	5	4	2	4	3	4	3	9

¹ Because at the industry division level sampling errors are large, it is impossible to estimate year-to-year changes precisely. Therefore, the results are for the 2 years rather than a comparison between them.

⁴ Excludes railroads.
⁵ Less than 1 percent.

² Cause is defined as the object or event associated with the fatality.

NOTE: Percentages may not add to 100 due to rounding.

³ Excludes coal, metal and nonmetal mining, and railroads for which data are not available.

Table 10. Causes of fatalities resulting from occupational injury and illness in 1978 and 1979¹ in units with 11 or more employees, private sector, by industry division

(Percent distribution by cause)

Cause ^{2/}	Total ^{3/}	Agriculture, forestry, and fishing	Mining-- oil and gas extraction only	Construction	Manufacturing	Transportation and public utilities ^{4/}	Wholesale and retail trade	Finance, insurance, and real estate	Services
Over-the-road motor vehicles..	100	2	3	11	17	30	25	5	6
Heart attacks.....	100	2	4	19	17	13	27	6	12
Industrial vehicles or equipment.....	100	5	10	31	34	9	5	1	6
Falls.....	100	1	5	51	22	7	9	1	5
Electrocutions.....	100	2	11	30	21	20	6	1	10
Aircraft crashes.....	100	3	6	5	14	48	9	3	13
Struck by objects other than vehicles or equipment.....	100	4	3	24	47	12	6	1	4
Plant machinery operations....	100	2	2	6	82	2	8	0	1
Gun shots.....	100	0	0	1	7	7	78	1	7
Caught in, under, or between objects other than vehicles or equipment.....	100	3	0	48	40	5	4	0	2
Explosions.....	100	0	3	16	50	8	8	5	9
Fires.....	100	1	8	11	61	10	10	0	0
Gas inhalation.....	100	2	2	13	61	9	11	0	6
All other.....	100	3	6	12	26	17	17	2	17

¹ Because at the industry division level sampling errors are large, it is impossible to estimate year-to-year changes precisely. Therefore, the results are for the 2 years rather than a comparison between them.

⁴ Excludes railroads.

NOTE: Percentages may not add to 100 due to rounding.

² Cause is defined as the object or event associated with the fatality.

³ Excludes coal, metal and nonmetal mining, and railroads for which data are not available.

Appendix A. Scope of Survey and Technical Notes

Scope of survey

The occupational injury and illness data reported through the annual survey were based on records which employers maintain under the Occupational Safety and Health Act in the following industries: Agriculture, forestry, and fishing, SIC 01-09; oil and gas extraction, SIC 13; construction, SIC 15-17; manufacturing, SIC 20-39; transportation and public utilities, SIC 41-42 and 44-49; wholesale and retail trade, SIC 50-59; finance, insurance, and real estate, SIC 60-67; and services, SIC 70-87 and 89. Excluded from the survey were self-employed individuals; farmers with fewer than 11 employees; employers regulated by other Federal safety and health laws; and Federal, State, and local government agencies.

Although the 1979 annual survey covered employers in virtually all private sector industries, employers with fewer than 11 employees in low-risk industries were not required to participate. This was in response to the proposal of the Office of Management and Budget and the Commission on Federal Paperwork to reduce the paperwork burden required of employers. To maintain comparability with earlier data, a statistical method was used to represent the previous experience of low-risk industries in the private sector.

Data conforming to definitions of recordable occupational injuries and illnesses for coal, metal, and nonmetal mining, and railroad transportation were provided by the Mine Safety and Health Administration, U.S. Department of Labor, and the Federal Railroad Administration, U.S. Department of Transportation. In a separate reporting system, agencies of the Federal Government are filing reports on occupational injuries and illnesses with the Secretary of Labor comparable with those of private industry. At this time, State and local government agencies are not represented in the national sample.

Of the 285,000 sample units selected to participate in the 1979 survey, approximately 264,000 or 93 percent responded. The 1979 estimates were based on reports from about 96,000 establishments in manufacturing and 168,000 in nonmanufacturing industries.

Sample design

The sample was selected to represent virtually all private industries. Because the survey is a Federal-State

cooperative program and the data had to meet the needs of those State agencies which generated statewide data, the universe frame was stratified by State/industry/employment-size before sample selection. Optimum allocation was achieved by distributing the sample to each size group proportionate to the total employment and the variation among size groups. The sampling ratios for various employment-size groups ranged from all units above a certain size class selected with certainty through declining proportions in each smaller employment-size group. The certainty strata were usually greater than 100 employees, although these may have ranged downward in employment size depending upon total employment in the industry. The ratios determined for each industry/employment-size group were used to select a sample within a State/industry/employment-size estimating cell.

Estimating procedures

Weighting. The inverse of the sampling ratios determined the weight for the size class from which the unit was selected. By this procedure, sample units represented all units in their size class for a particular industry. State and national weights often differed since each sample unit might represent a different proportion of the universe. The unit weight for each State was used to produce estimates; the national weight was used for remaining States. Weights of responding units were adjusted in each sampling cell to account for nonresponse in that cell. Units were then shifted into the estimating cell determined by industry classification and reported employment. Each unit carried into the estimating cell the weight of its sampling cell, which was adjusted for nonresponse. Data for each unit were multiplied by the appropriate nonresponse-adjusted weight. The products were then aggregated to obtain totals for the estimating cell.

Benchmarking. Data were further adjusted to reflect the actual employment in an industry during the survey year. Since the universe file which provided the sample frame was not current to the reference year of the survey, data were benchmarked to reflect current employment levels.

The benchmarking procedure related the employment

estimate in sampling to the actual employment for the reference year of the survey. The ratio of the actual employment to the weighted employment estimate is called the benchmark factor. The aggregated weighted nonresponse-adjusted characteristics of the estimating cell were multiplied by the benchmark factor so that the cell became more representative of the universe during the survey reference year.

Estimates for small nonfarm employers. Data were collected for nonfarm employers with fewer than 11 employees in high-risk industry groups. Data were not collected for small nonfarm employers in the following (low-risk) groups:

SIC 41	SIC 53
SIC 44 (except 446)	SIC 55-59
SIC 45-46	SIC 60-67
SIC 47 (except 478)	SIC 70-73
SIC 48	SIC 78 and 79
SIC 50-51	SIC 80-87 and 89

The injury and illness data of low-risk industries were estimated from the experience of these industries in 1975, 1976, and 1977.

Federal-State cooperation

To eliminate duplicate reporting and to ensure maximum comparability, respondents completed a single reporting form for both national and State estimates.

Rounding of published estimates

The original tabulations estimated fatalities and non-fatal injuries and illnesses rounded to the nearest whole unit. Percents were computed after rounding.

Industrial classification

Reporting units were classified into industries by their principal product or activity. The data were tabulated according to the 1972 edition of the *Standard Industrial Classification Manual, 1977 Supplement*.

Publication guidelines

The BLS tabulating system generates occupational injury and illness estimates for approximately 625 SIC industry levels. This report, however, excludes estimates for several 2-, 3-, and 4-digit SIC levels if one of the following situations occurred:

1. Estimates for the industry level were based on reports from fewer than three companies. Moreover, if three or more companies reported data for the industry, one firm could employ not more than 50 percent of the workers or two companies combined could employ not more than 75 percent.

2. 1979 annual average employment for the industry was less than 10,000. However, industries with annual average employment of less than 10,000 were published if the majority of the employment for an industry was reported in the survey.

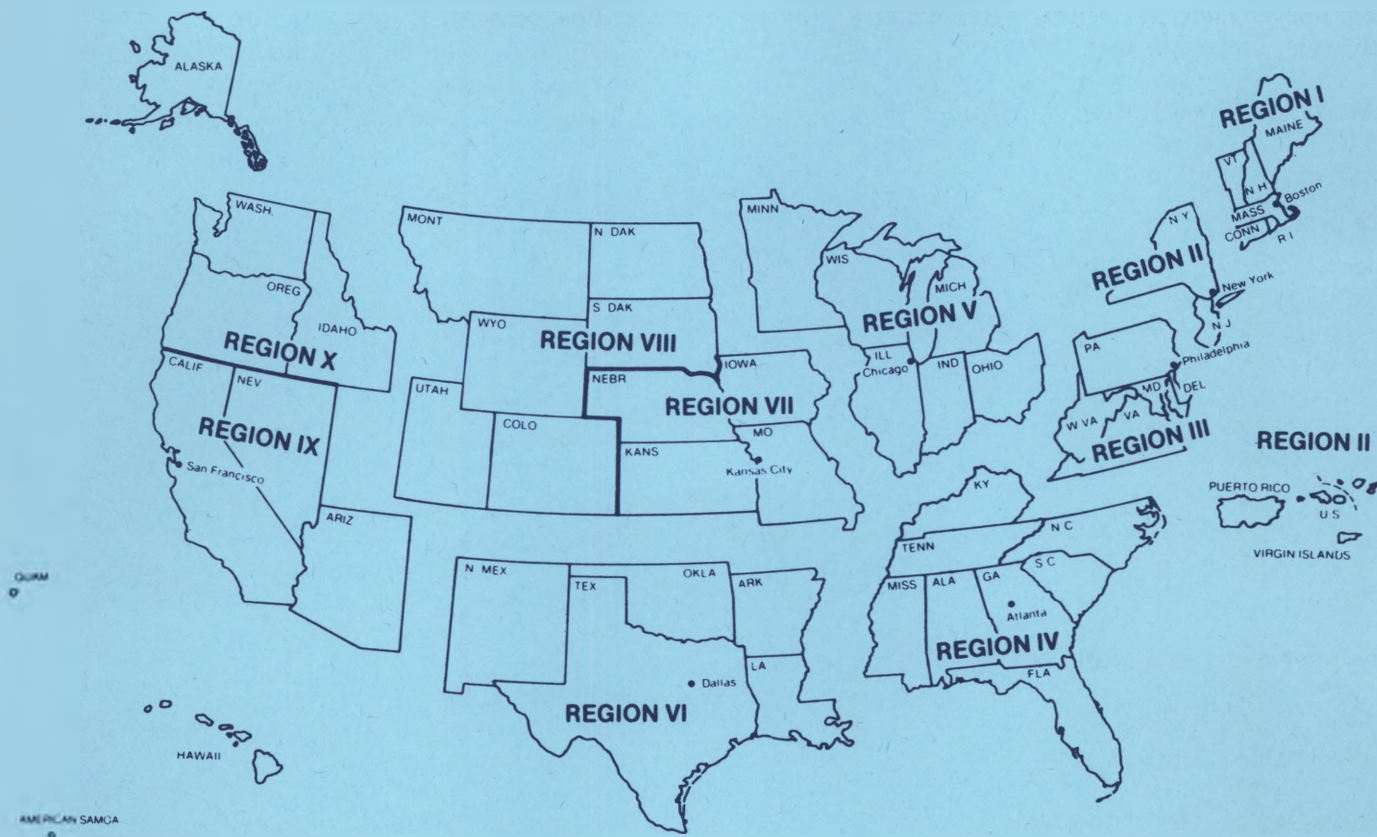
3. Relative standard error for lost workday cases at 1 standard deviation was more than 15 percent for the industry level in manufacturing and 20 percent in non-manufacturing.

4. Benchmark factor for the industry level was less than 0.90 or greater than 1.49.

Data for an unpublished industry were included in the total for the broader industry level of which it is a part. In addition to deleting industries, selected items of data were suppressed for publishable industries when the relative standard error for the estimate equaled or exceeded 60 percent.

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