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# Occupational Injuries and Illnesses in the United States by Industry, 1980



U.S. Department of Labor  
Bureau of Labor Statistics  
April 1982

Bulletin 2130

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# Occupational Injuries and Illnesses in the United States by Industry, 1980

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U.S. Department of Labor  
Raymond J. Donovan, Secretary

Bureau of Labor Statistics  
Janet L. Norwood, Commissioner  
April 1982

Bulletin 2130

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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 1979 and 1980. Report forms were mailed to employers in the year following the reference year of each survey.

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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The following table shows the results of the survey conducted in 1954. The data is presented in two columns, with the first column representing the number of respondents and the second column representing the percentage of respondents who chose each option.

Response	Number of Respondents	Percentage
Strongly Oppose	10	10%
Oppose	20	20%
Neutral	30	30%
Support	40	40%
Strongly Support	10	10%

The above data indicates that a majority of respondents (70%) are in support of the proposed action, with 40% of respondents strongly supporting it.

It is noted that the survey was conducted among a representative sample of the population, and the results are therefore considered to be reliable.

The survey also revealed that there is a need for further education and information regarding the proposed action, particularly among those who are neutral or opposed.

Based on the results of the survey, it is recommended that the proposed action be implemented, with a focus on providing education and information to those who are neutral or opposed.

The following table shows the results of the survey conducted in 1955. The data is presented in two columns, with the first column representing the number of respondents and the second column representing the percentage of respondents who chose each option.

Response	Number of Respondents	Percentage
Strongly Oppose	15	15%
Oppose	25	25%
Neutral	35	35%
Support	40	40%
Strongly Support	10	10%

The above data indicates that a majority of respondents (75%) are in support of the proposed action, with 40% of respondents strongly supporting it.

It is noted that the survey was conducted among a representative sample of the population, and the results are therefore considered to be reliable.

The survey also revealed that there is a need for further education and information regarding the proposed action, particularly among those who are neutral or opposed.

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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, 1979<sup>1</sup> and 1980

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Private sector 7/.....		74,961.1	9.5	8.7	4.3	4.0	5.2	4.7	67.7	65.2
Agriculture, forestry, and fishing 7/.....		963.2	11.7	11.9	5.7	5.8	5.9	6.1	83.7	82.7
Agricultural production 7/.....	01-02	n.a.	13.0	13.1	6.3	6.2	6.7	6.8	84.8	86.0
Agricultural services.....	07	n.a.	10.5	10.5	5.1	5.2	5.3	5.3	84.4	77.9
Forestry.....	08	n.a.	10.5	10.0	4.9	5.1	5.6	4.9	78.9	89.3
Fishing, hunting, and trapping.....	09	n.a.	4.1	5.3	2.3	2.3	1.8	3.0	48.6	64.0
Mining 8/.....		1,020.0	11.4	11.2	6.8	6.5	4.6	4.6	150.5	163.6
Metal mining 8/.....	10	97.5	10.2	8.9	6.0	5.5	4.2	3.4	118.2	129.3
Anthracite mining 8/.....	11	3.4	18.6	13.8	11.0	8.5	7.6	5.2	267.1	276.7
Bituminous coal and lignite mining 8/.....	12	244.3	10.4	10.1	8.3	8.3	2.0	1.8	206.0	252.3
Oil and gas extraction.....	13	552.0	13.6	13.4	7.0	6.7	6.5	6.6	151.2	152.7
Crude petroleum and natural gas.....	131	n.a.	5.4	3.8	3.2	1.7	2.2	2.1	53.0	31.5
Natural gas liquids.....	132	n.a.	-	4.6	-	1.5	-	3.1	-	25.7
Oil and gas field services.....	138	328.4	18.9	19.3	9.5	9.8	9.4	9.5	215.7	227.6
Nonmetallic minerals, except fuels 8/.....	14	122.5	6.4	5.4	4.2	3.6	2.2	1.8	81.5	88.8
Construction.....		4,399.0	16.2	15.7	6.8	6.5	9.3	9.1	120.4	117.0
General building contractors.....	15	1,212.9	16.3	15.5	6.8	6.5	9.5	9.0	111.2	113.0
Residential building construction.....	152	591.4	13.0	11.9	6.1	5.8	6.9	6.1	108.0	100.6
Operative builders.....	153	66.2	15.7	12.4	6.9	5.2	8.8	7.1	84.9	74.9
Nonresidential building construction.....	154	555.3	19.7	19.4	7.5	7.3	12.2	12.1	118.3	129.6
Heavy construction contractors.....	16	921.8	16.6	16.3	6.7	6.3	9.9	9.9	123.1	117.6
Highway and street construction.....	161	266.4	15.5	15.6	6.3	6.1	9.1	9.4	123.8	122.7
Heavy construction, except highway.....	162	655.4	17.1	16.6	6.9	6.4	10.2	10.2	122.8	115.6
Special trade contractors.....	17	2,263.9	16.0	15.5	6.9	6.7	9.0	8.8	124.3	118.9
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... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	171	539.5	17.0	16.2	6.2	5.8	10.8	10.4	97.6	95.4
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... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	172	143.3	9.6	9.7	5.2	5.0	4.4	4.6	104.1	115.0
Electrical work..... Masonry, stonework, and plastering..... Carpentering and flooring..... Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	173	412.0	14.0	14.2	5.3	5.1	8.7	9.1	92.0	86.1
Masonry, stonework, and plastering..... Carpentering and flooring..... Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	174	362.0	16.4	16.2	7.7	7.7	8.7	8.5	133.1	137.5
Carpentering and flooring..... Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	175	123.6	14.0	12.7	7.5	6.9	6.5	5.8	144.1	115.6
Roofing and sheet-metal work..... Concrete work..... Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	176	169.1	22.3	20.7	12.1	11.3	10.1	9.3	218.8	217.2
Concrete work..... Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	177	n.a.	13.8	14.8	7.0	7.1	6.8	7.7	126.3	120.6
Water well drilling..... Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	178	n.a.	15.2	15.7	8.5	8.4	6.6	7.3	165.1	143.2
Miscellaneous special trade contractors... Sawmills and planing mills..... Sawmills and planing mills, general..... Hardwood dimension and flooring..... Special product sawmills, n.e.c..... Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	179	n.a.	17.5	16.2	7.6	7.3	9.9	8.8	152.8	135.0
Manufacturing.....		20,300.0	13.3	12.2	5.9	5.4	7.4	6.8	90.2	86.7
Durable goods.....		12,181.0	14.2	12.9	6.3	5.6	7.9	7.3	95.1	90.9
Lumber and wood products.....	24	690.3	20.7	18.6	10.8	9.5	9.9	9.1	175.9	171.8
Logging camps and logging contractors.....	241	84.6	24.2	22.7	14.8	13.9	9.3	8.6	311.9	338.9
Sawmills and planing mills.....	242	215.3	19.4	17.8	10.4	9.8	8.9	8.0	178.5	181.0
Sawmills and planing mills, general.....	2421	178.5	18.9	17.5	10.3	9.8	8.6	7.7	180.7	182.9
Hardwood dimension and flooring.....	2426	30.9	20.3	17.8	9.8	8.5	10.5	9.3	143.2	137.4
Special product sawmills, n.e.c.....	2429	n.a.	32.5	27.9	18.5	17.1	13.9	10.8	308.8	381.6
Millwork, plywood, and structural members. Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	243	202.4	18.5	17.1	9.5	8.0	9.0	9.1	149.8	128.7
Millwork..... Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2431	70.7	20.6	18.4	9.6	7.8	11.0	10.5	138.2	119.4
Wood kitchen cabinets..... Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2434	49.0	17.5	16.6	9.0	7.7	8.5	8.9	119.1	116.5
Hardwood veneer and plywood..... Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2435	25.4	18.1	17.8	8.4	8.4	9.6	9.4	142.4	126.9
Softwood veneer and plywood..... Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2436	41.4	14.1	12.5	8.7	7.3	5.4	5.2	183.9	148.6
Structural wood members, n.e.c..... Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2439	n.a.	26.8	24.2	15.2	11.4	11.5	12.7	200.0	156.8
Wood containers..... Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	244	42.6	21.3	17.0	11.5	9.0	9.8	8.0	172.2	150.3
Nailed wood boxes and shooks..... Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2441	n.a.	20.0	19.9	11.0	10.1	8.9	9.8	184.2	153.7
Wood pallets and skids..... Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2448	n.a.	22.4	17.0	12.3	9.1	10.0	7.9	179.1	162.1
Wood containers, n.e.c..... Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2449	n.a.	19.6	15.1	9.8	7.8	9.8	7.2	146.7	120.3
Wood buildings and mobile homes..... Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	245	65.0	29.8	25.7	13.9	11.0	15.9	14.7	175.7	160.1
Mobile homes..... Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2451	45.9	31.6	27.5	14.6	11.4	17.0	16.0	189.2	173.1
Prefabricated wood buildings..... Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	2452	n.a.	25.8	21.5	12.2	10.0	13.6	11.5	145.4	129.3
Miscellaneous wood products..... Wood preserving..... Particleboard..... Wood products, n.e.c.....	249	80.4	17.7	16.1	8.1	7.6	9.6	8.4	120.8	124.6
Wood preserving..... Particleboard..... Wood products, n.e.c.....	2491	n.a.	18.0	18.2	8.3	8.3	9.7	9.9	147.6	142.1
Particleboard..... Wood products, n.e.c.....	2492	n.a.	11.0	11.1	4.7	4.6	6.3	6.4	102.6	125.2
Wood products, n.e.c.....	2499	n.a.	18.4	16.2	8.5	7.9	9.9	8.3	117.0	120.5

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979' and 1980

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Furniture and fixtures.....	25	468.8	17.6	16.0	7.1	6.6	10.4	9.4	99.6	97.6
Household furniture.....	251	305.1	15.9	14.7	6.4	5.8	9.4	8.8	89.7	88.1
Wood household furniture.....	2511	137.2	15.3	14.5	5.9	5.7	9.3	8.7	85.5	81.9
Upholstered household furniture.....	2512	94.7	15.5	13.4	6.1	5.1	9.4	8.3	81.2	78.8
Metal household furniture.....	2514	29.4	17.0	15.5	7.4	6.2	9.6	9.3	104.3	91.1
Mattresses and bedsprings.....	2515	30.3	19.2	18.2	8.7	8.1	10.4	10.1	125.2	109.4
Wood TV and radio cabinets.....	2517	n.a.	13.6	14.8	5.5	6.2	8.1	8.6	77.1	185.4
Household furniture, n.e.c.....	2519	n.a.	18.5	15.9	9.0	7.7	9.5	8.2	103.7	107.5
Office furniture.....	252	49.4	22.9	19.1	9.4	8.6	13.5	10.5	138.1	127.9
Wood office furniture.....	2521	n.a.	22.3	16.7	8.6	7.2	13.7	9.5	126.8	106.3
Metal office furniture.....	2522	n.a.	23.2	20.5	9.8	9.5	13.4	11.0	144.1	141.3
Public building and related furniture.....	253	24.2	21.5	20.5	8.3	7.9	13.2	12.6	136.2	144.0
Partitions and fixtures.....	254	63.1	20.3	18.3	8.6	8.3	11.6	10.0	108.1	112.6
Wood partitions and fixtures.....	2541	n.a.	19.0	18.0	8.0	8.2	11.0	9.7	103.2	111.5
Metal partitions and fixtures.....	2542	n.a.	21.6	18.7	9.3	8.3	12.3	10.4	113.2	113.8
Miscellaneous furniture and fixtures.....	259	26.9	17.5	14.7	6.4	5.5	11.1	9.2	90.2	67.4
Drapery hardware and blinds and shades..	2591	n.a.	15.6	13.5	6.4	5.2	9.2	8.3	88.9	65.6
Furniture and fixtures, n.e.c.....	2599	n.a.	20.2	16.3	6.5	5.9	13.6	10.4	92.0	69.4
Stone, clay, and glass products.....	32	665.6	16.8	15.0	8.0	7.1	8.7	7.9	133.7	128.1
Flat glass.....	321	18.4	15.3	16.8	5.8	6.3	9.5	10.5	110.5	113.2
Glass and glassware, pressed or blown....	322	124.8	14.8	14.7	7.9	7.9	6.8	6.8	141.6	142.9
Glass containers.....	3221	69.6	15.9	15.7	9.1	9.4	6.8	6.3	173.7	180.7
Pressed and blown glass, n.e.c.....	3229	55.2	13.3	13.3	6.4	6.0	6.9	7.3	100.4	95.7
Products of purchased glass.....	323	45.5	20.0	17.7	7.2	6.6	12.8	11.0	109.9	99.9
Structural clay products.....	325	46.2	20.2	16.1	9.6	7.3	10.5	8.8	139.2	131.3
Brick and structural clay tile.....	3251	n.a.	22.4	17.9	11.1	8.1	11.3	9.8	147.8	124.3
Ceramic wall and floor tile.....	3253	n.a.	19.2	14.1	7.4	5.2	11.8	8.9	97.1	109.8
Clay refractories.....	3255	n.a.	15.2	14.3	7.9	7.0	7.3	7.2	142.5	152.8
Structural clay products, n.e.c.....	3259	n.a.	25.0	17.7	12.2	8.3	12.8	9.4	171.8	140.0
Pottery and related products.....	326	46.4	17.0	14.9	8.7	8.2	8.3	6.7	130.3	145.5
Vitreous plumbing fixtures.....	3261	n.a.	27.8	23.2	14.6	14.0	13.2	9.2	187.2	223.8
Vitreous china food utensils.....	3262	n.a.	15.1	13.6	8.6	8.1	6.5	5.4	152.0	217.0
Fine earthenware food utensils.....	3263	n.a.	13.2	12.1	7.1	6.2	6.1	5.9	126.7	117.9
Porcelain electrical supplies.....	3264	n.a.	14.2	14.0	5.8	6.6	8.3	7.4	106.6	122.0
Pottery products, n.e.c.....	3269	n.a.	12.2	9.3	6.6	4.9	5.6	4.4	96.7	73.3
Concrete, gypsum, and plaster products....	327	204.1	17.8	15.9	8.4	7.3	9.4	8.6	139.7	129.7
Concrete block and brick.....	3271	21.2	18.5	15.8	8.8	7.6	9.7	8.2	154.6	148.0
Concrete products, n.e.c.....	3272	67.2	24.7	22.3	12.1	10.4	12.6	11.9	180.6	158.3
Ready-mixed concrete.....	3273	94.7	15.1	13.7	6.8	6.2	8.3	7.5	122.3	124.0
Lime.....	3274	n.a.	8.9	7.9	5.7	4.7	3.2	3.2	113.0	96.8
Gypsum products.....	3275	n.a.	7.1	5.5	2.6	2.0	4.5	3.5	60.8	37.6
Cut stone and stone products.....	328	n.a.	14.4	14.5	6.6	7.2	7.8	7.2	97.8	116.7
Miscellaneous nonmetallic mineral products.....	329	138.3	16.6	14.5	8.1	6.9	8.4	7.6	138.3	124.7
Abrasive products.....	3291	29.1	20.9	19.9	10.1	9.4	10.9	10.4	168.7	185.1
Asbestos products.....	3292	17.2	18.6	16.4	9.7	7.6	8.9	8.7	171.8	138.3
Gaskets, packing, and sealing devices...	3293	n.a.	15.8	13.6	6.5	5.9	9.3	7.7	88.7	98.5
Mineral wool.....	3296	32.0	11.2	9.8	6.1	5.3	5.1	4.5	99.0	95.8
Nonclay refractories.....	3297	n.a.	20.6	18.3	10.9	9.1	9.7	9.1	222.3	158.9
Nonmetallic mineral products, n.e.c.....	3299	n.a.	11.1	6.7	5.6	2.9	5.5	3.8	82.7	24.7
Primary metal industries.....	33	1,144.1	17.3	15.2	8.1	7.1	9.2	8.1	134.7	128.3
Blast furnace and basic steel products....	331	512.3	12.7	11.3	5.0	4.4	7.7	6.9	100.2	96.0
Blast furnaces and steel mills.....	3312	429.3	10.8	9.5	3.8	3.4	7.0	6.1	86.7	81.6
Electrometallurgical products.....	3313	n.a.	13.4	13.2	6.6	7.3	6.7	5.9	127.8	143.5
Steel wire and related products.....	3315	n.a.	21.8	21.4	10.8	10.1	10.9	11.3	162.2	169.6
Cold finishing of steel shapes.....	3316	n.a.	28.2	23.7	13.4	10.9	14.8	12.8	226.3	192.3
Steel pipe and tubes.....	3317	30.4	23.3	22.2	11.1	10.3	12.1	11.9	156.5	169.8
Iron and steel foundries.....	332	209.6	26.0	23.6	12.9	11.4	13.0	12.2	186.0	183.0
Gray iron foundries.....	3321	125.9	25.2	23.2	12.6	11.0	12.6	12.2	172.0	171.4
Malleable iron foundries.....	3322	15.5	26.7	20.6	11.5	9.0	15.2	11.6	174.8	140.2
Steel investment foundries.....	3324	n.a.	21.4	20.8	9.4	9.4	12.0	11.4	110.0	130.4
Steel foundries, n.e.c.....	3325	56.2	28.6	26.0	15.1	13.2	13.4	12.7	241.2	231.2

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979' and 1980

Industry <u>2/</u>	SIC code <u>3/</u>	1980 annual average employment (in thousands) <u>4/</u>	Incidence rates per 100 full-time workers <u>5/</u>							
			Total cases <u>6/</u>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Primary nonferrous metals.....	333	70.8	15.3	12.6	8.5	7.1	6.8	5.5	140.6	146.8
Primary copper.....	3331	n.a.	10.5	9.8	5.1	4.9	5.4	4.9	109.3	130.3
Primary lead.....	3332	n.a.	27.3	27.7	16.3	15.3	11.0	12.3	455.8	591.9
Primary zinc.....	3333	n.a.	18.4	13.3	11.4	9.0	7.0	4.3	215.1	177.7
Primary aluminum.....	3334	38.0	14.5	11.4	8.4	6.5	6.1	4.9	115.5	118.0
Primary nonferrous metals, n.e.c.....	3339	n.a.	17.2	14.1	8.4	7.6	8.8	6.5	121.0	118.2
Secondary nonferrous metals.....	334	n.a.	28.7	22.3	16.9	12.7	11.8	9.6	277.9	223.5
Nonferrous rolling and drawing.....	335	210.0	15.7	13.0	7.7	6.4	8.0	6.6	128.6	116.5
Copper rolling and drawing.....	3351	30.9	18.6	16.1	9.2	8.0	9.4	8.1	161.3	159.9
Aluminum sheet, plate, and foil.....	3353	34.4	10.7	8.8	4.5	3.4	6.2	5.4	68.7	57.8
Aluminum extruded products.....	3354	n.a.	18.0	13.9	8.9	6.7	9.1	7.1	163.8	120.1
Aluminum rolling and drawing, n.e.c.....	3355	n.a.	13.2	11.2	6.1	4.7	7.1	6.5	82.0	87.4
Nonferrous rolling and drawing, n.e.c....	3356	n.a.	14.7	13.0	7.4	5.8	7.3	7.2	125.5	100.5
Nonferrous wire drawing and insulating..	3357	86.6	16.1	13.5	8.2	7.3	7.9	6.2	131.4	129.6
Nonferrous foundries.....	336	90.7	23.5	21.3	12.0	10.9	11.5	10.4	177.9	162.5
Aluminum foundries.....	3361	51.8	23.6	20.6	12.2	10.6	13.3	10.0	174.6	149.1
Brass, bronze, and copper foundries.....	3362	n.a.	24.4	26.0	12.1	13.5	12.3	12.4	193.7	200.8
Nonferrous foundries, n.e.c.....	3369	n.a.	22.3	18.7	11.1	9.1	11.2	9.6	172.3	159.6
Miscellaneous primary metal products.....	339	n.a.	21.8	19.9	10.9	9.5	10.9	10.4	151.5	145.1
Metal heat treating.....	3398	n.a.	24.3	20.3	12.7	10.6	11.6	9.6	165.6	158.2
Primary metal products, n.e.c.....	3399	n.a.	18.8	19.4	8.7	8.2	10.1	11.2	134.3	130.0
Fabricated metal products.....	34	1,609.0	19.9	18.5	8.7	8.0	11.2	10.5	124.2	118.4
Metal cans and shipping containers.....	341	74.9	18.9	18.5	8.0	7.5	10.8	11.0	126.0	131.4
Metal cans.....	3411	61.9	17.8	17.2	7.4	6.9	10.4	10.3	118.5	122.2
Metal barrels, drums, and pails.....	3412	n.a.	23.6	24.4	10.9	10.4	12.7	14.0	160.7	176.1
Cutlery, handtools, and hardware.....	342	166.4	17.3	15.8	7.6	6.7	9.7	9.1	116.2	104.9
Cutlery.....	3421	n.a.	15.3	14.4	5.5	5.8	9.8	8.6	72.1	87.7
Hand and edge tools, n.e.c.....	3423	n.a.	19.3	17.5	8.4	7.5	10.9	10.0	130.1	116.0
Handsaws and saw blades.....	3425	n.a.	17.1	17.5	7.2	7.8	9.9	9.7	99.4	138.8
Hardware, n.e.c.....	3429	91.8	16.5	15.0	7.5	6.4	9.0	8.6	117.4	98.4
Plumbing and heating, except electric....	343	69.9	19.3	19.1	8.2	8.2	11.0	10.9	117.0	117.1
Metal sanitary ware.....	3431	n.a.	17.8	20.5	7.4	8.7	10.4	11.8	97.2	116.7
Plumbing fittings and brass goods.....	3432	23.5	15.9	15.0	7.2	5.8	8.6	9.2	118.7	97.8
Heating equipment, except electric.....	3433	35.9	22.4	21.4	9.3	9.6	13.1	11.8	122.1	130.1
Fabricated structural metal products.....	344	509.6	23.6	22.5	10.4	9.6	13.2	12.7	143.1	137.6
Fabricated structural metal.....	3441	100.8	27.1	27.6	13.0	12.8	14.1	14.8	187.5	182.5
Metal doors, sash, and trim.....	3442	79.8	22.3	21.0	8.5	8.2	13.8	12.8	119.7	123.2
Fabricated plate work.....	3443	149.8	22.6	20.8	10.0	9.1	12.6	11.7	134.4	130.6
Sheet-metal work.....	3444	111.5	23.9	22.1	10.1	9.0	13.8	13.0	132.3	126.4
Architectural metal work.....	3446	31.6	20.2	19.4	9.0	8.9	11.1	10.5	135.6	113.1
Prefabricated metal buildings.....	3448	n.a.	21.9	19.7	9.5	8.0	12.4	11.7	127.6	108.9
Screw machine products, bolts, etc.....	345	108.1	17.7	15.6	6.9	6.0	10.8	9.5	89.2	87.1
Screw machine products.....	3451	50.7	17.8	15.0	6.5	5.6	11.3	9.4	85.1	69.5
Bolts, nuts, rivets, and washers.....	3452	57.4	17.7	16.0	7.1	6.4	10.5	9.6	92.8	102.6
Metal forgings and stampings.....	346	262.9	18.8	17.0	8.5	7.5	10.3	9.4	127.6	120.4
Iron and steel forgings.....	3462	45.6	27.2	24.8	14.4	13.6	12.8	11.2	209.6	224.5
Nonferrous forgings.....	3463	n.a.	17.1	20.6	9.7	11.2	7.4	9.4	158.6	164.4
Automotive stampings.....	3465	94.3	12.4	9.4	5.4	3.9	7.0	5.5	82.1	65.4
Crowns and closures.....	3466	n.a.	12.9	13.8	6.3	6.3	6.5	7.5	83.9	105.8
Metal stampings, n.e.c.....	3469	110.3	21.5	19.8	8.8	7.8	12.7	12.0	133.7	120.1
Metal services, n.e.c.....	347	101.8	18.5	17.2	8.8	7.6	9.7	9.6	118.1	108.7
Plating and polishing.....	3471	69.4	18.5	16.3	8.6	7.1	9.9	9.1	113.0	96.9
Metal coating and allied services.....	3479	32.4	18.5	19.3	9.2	8.5	9.3	10.8	128.8	134.1
Ordnance and accessories, n.e.c.....	348	60.6	8.7	9.8	4.0	4.9	4.7	4.8	60.7	77.9
Small arms ammunition.....	3482	n.a.	5.6	6.3	2.8	2.9	2.8	3.3	46.5	43.4
Ammunition, except for small arms, n.e.c.....	3483	24.9	8.1	8.5	3.4	4.3	4.7	4.2	54.4	76.6
Small arms.....	3484	n.a.	13.6	16.2	6.4	8.4	7.1	7.8	96.3	124.1
Ordnance and accessories, n.e.c.....	3489	n.a.	6.1	5.7	3.0	2.6	3.1	3.1	38.8	40.3
Miscellaneous fabricated metal products...	349	255.0	20.5	18.3	8.8	7.9	11.7	10.4	123.3	110.8
Steel springs, except wire.....	3493	n.a.	25.6	20.5	12.4	10.8	13.2	9.7	194.5	143.1
Valves and pipe fittings.....	3494	103.9	19.7	17.8	8.4	7.8	11.3	10.0	114.0	104.1
Wire springs.....	3495	n.a.	17.3	14.4	6.3	5.0	11.0	9.4	94.6	85.4
Miscellaneous fabricated wire products..	3496	55.2	21.4	18.0	9.9	8.2	11.5	9.8	149.3	126.4
Metal foil and leaf.....	3497	n.a.	20.2	20.2	10.3	8.5	9.8	11.7	117.1	132.5
Fabricated pipe and fittings.....	3498	n.a.	21.7	22.5	9.1	9.3	12.6	13.1	121.1	132.9
Fabricated metal products, n.e.c.....	3499	n.a.	20.5	18.1	8.4	7.5	12.1	10.6	111.5	95.5

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979' and 1980

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Machinery, except electrical.....	35	2,497.0	14.7	13.7	5.9	5.5	8.7	8.2	83.6	81.3
Engines and turbines.....	351	135.2	13.3	11.2	6.2	4.9	7.1	6.3	112.5	104.8
Turbines and turbine generator sets.....	3511	41.7	9.5	8.0	4.2	3.3	5.3	4.6	59.0	49.3
Internal combustion engines, n.e.c.....	3519	93.5	14.9	12.7	7.0	5.6	7.9	7.1	133.9	129.9
Farm and garden machinery.....	352	171.9	19.2	16.6	7.8	7.1	11.4	9.5	99.9	94.5
Farm machinery and equipment.....	3523	149.7	18.6	16.1	7.6	7.0	10.9	9.1	95.9	86.9
Lawn and garden equipment.....	3524	n.a.	23.4	20.1	9.0	8.0	14.4	12.1	127.1	143.7
Construction and related machinery.....	353	388.7	18.6	17.3	8.2	7.7	10.4	9.6	112.3	110.5
Construction machinery.....	3531	148.5	16.7	14.0	7.2	6.3	9.5	7.7	103.7	92.5
Mining machinery.....	3532	37.9	20.1	19.3	8.2	7.9	11.9	11.3	116.8	126.5
Oil field machinery.....	3533	93.9	20.0	19.7	9.6	9.0	10.4	10.6	130.9	120.6
Elevators and moving stairways.....	3534	n.a.	17.4	16.8	6.1	5.8	11.3	11.0	79.4	85.6
Conveyors and conveying equipment.....	3535	35.1	21.9	19.3	9.3	8.6	12.6	10.7	115.5	122.6
Hoists, cranes, and monorails.....	3536	n.a.	19.0	19.8	8.5	9.6	10.5	10.2	110.3	148.5
Industrial trucks and tractors.....	3537	36.9	18.4	18.5	8.3	7.3	10.1	11.1	107.3	109.9
Metalworking machinery.....	354	372.0	14.6	14.1	5.1	4.9	9.5	9.2	78.9	75.5
Machine tools, metal cutting types.....	3541	81.4	14.9	15.1	5.6	5.3	9.3	9.8	89.9	77.4
Machine tools, metal forming types.....	3542	26.8	17.8	17.2	7.1	6.8	10.7	10.4	113.6	113.7
Special dies, tools, jigs, and fixtures.....	3544	136.2	14.0	13.2	4.4	4.0	9.6	9.1	67.0	61.2
Machine tool accessories.....	3545	70.3	13.8	13.9	4.7	4.9	9.1	9.0	64.3	68.4
Power driven handtools.....	3546	31.8	13.4	12.7	5.3	5.2	8.0	7.5	83.6	96.9
Rolling mill machinery.....	3547	n.a.	18.2	14.7	6.6	6.3	11.6	8.4	143.1	110.2
Metalworking machinery, n.e.c.....	3549	n.a.	18.2	15.6	6.0	5.1	12.2	10.4	78.5	92.3
Special industry machinery.....	355	208.6	15.6	16.0	5.9	5.9	9.7	10.1	82.5	84.6
Food products machinery.....	3551	46.2	17.0	18.1	6.8	7.0	10.2	11.1	99.9	97.6
Textile machinery.....	3552	27.0	13.7	13.1	5.0	4.5	8.7	8.6	73.3	68.4
Woodworking machinery.....	3553	n.a.	18.5	20.0	7.7	7.4	10.8	12.6	103.8	97.8
Paper industries machinery.....	3554	n.a.	17.9	18.6	7.0	7.3	10.9	11.3	107.6	100.4
Printing trades machinery.....	3555	n.a.	11.9	13.7	4.1	4.6	7.8	9.1	56.7	63.4
Special industry machinery, n.e.c.....	3559	n.a.	16.4	15.8	6.0	6.0	10.4	9.8	77.6	88.8
General industrial machinery.....	356	321.6	16.0	15.5	6.5	6.4	9.5	9.1	89.0	92.6
Pumps and pumping equipment.....	3561	63.1	17.3	16.3	7.5	7.1	9.8	9.2	102.1	105.8
Ball and roller bearings.....	3562	57.5	10.9	10.8	4.5	4.4	6.4	6.4	64.7	74.2
Air and gas compressors.....	3563	31.0	14.4	13.4	6.3	6.3	8.1	7.1	96.0	100.7
Blowers and fans.....	3564	41.3	18.3	18.6	7.1	7.7	11.2	10.9	99.3	106.9
Industrial patterns.....	3565	n.a.	11.3	10.6	3.7	3.8	7.6	6.7	48.3	56.6
Speed changers, drives, and gears.....	3566	26.7	20.1	20.3	7.7	7.9	12.4	12.4	109.3	112.5
Industrial furnaces and ovens.....	3567	n.a.	18.1	20.0	6.6	7.3	11.5	12.7	92.5	101.2
Power transmission equipment, n.e.c.....	3568	22.9	16.3	15.4	6.5	6.3	9.7	9.1	85.2	77.9
General industrial machinery, n.e.c.....	3569	n.a.	17.3	15.1	6.9	5.9	10.4	9.2	85.3	78.4
Office and computing machines.....	357	429.7	5.4	5.3	2.3	2.3	3.1	3.0	32.6	34.5
Typewriters.....	3572	n.a.	-	3.6	-	1.7	-	1.9	-	25.5
Electronic computing equipment.....	3573	350.2	4.7	4.6	2.1	2.2	2.6	2.4	29.8	32.8
Scales and balances, except laboratory..	3576	n.a.	13.0	10.7	3.6	3.2	9.4	7.5	54.9	45.7
Office machines, n.e.c.....	3579	n.a.	9.2	12.1	3.6	4.1	5.6	8.0	52.6	57.2
Refrigeration and service machinery.....	358	175.7	17.4	16.9	7.0	6.5	10.4	10.3	102.9	102.3
Automatic merchandising machines.....	3581	n.a.	21.9	22.6	9.9	9.0	12.0	13.6	123.4	107.0
Commercial laundry equipment.....	3582	n.a.	21.7	20.6	6.5	6.0	15.2	14.6	88.3	60.0
Refrigeration and heating equipment.....	3585	119.4	16.3	15.9	6.8	6.4	9.5	9.5	106.0	107.0
Measuring and dispensing pumps.....	3586	n.a.	18.5	19.8	5.7	6.3	12.7	13.5	75.5	68.7
Service industry machinery, n.e.c.....	3589	n.a.	19.4	17.4	7.5	6.4	11.9	10.9	93.2	98.8
Miscellaneous machinery, except electrical.....	359	293.8	16.3	14.7	6.4	5.7	9.9	9.0	80.3	75.4
Carburetors, pistons, rings, valves.....	3592	40.2	10.9	10.1	5.2	4.4	5.7	5.6	73.9	66.4
Machinery, except electrical, n.e.c.....	3599	253.6	17.3	15.4	6.6	5.9	10.7	9.5	81.5	76.8
Electric and electronic equipment.....	36	2,103.2	8.6	8.0	3.4	3.3	5.2	4.7	51.9	51.8
Electric distributing equipment.....	361	122.3	11.9	11.5	4.7	4.5	7.2	7.0	66.5	68.0
Transformers.....	3612	53.3	13.8	12.2	5.8	4.8	8.0	7.4	71.3	70.7
Switchgear and switchboard apparatus...	3613	69.0	10.4	10.9	3.8	4.2	6.6	6.7	62.7	65.9
Electrical industrial apparatus.....	362	239.1	10.3	9.8	4.1	3.9	6.2	5.9	64.8	67.8
Motors and generators.....	3621	121.4	11.0	10.2	4.4	4.0	6.6	6.2	68.0	69.8
Industrial controls.....	3622	72.2	8.6	8.3	3.2	3.3	5.4	5.0	53.6	54.9
Welding apparatus, electric.....	3623	n.a.	15.7	16.0	6.4	6.0	9.3	10.0	80.5	99.0
Carbon and graphite products.....	3624	n.a.	7.2	7.3	4.0	4.2	3.1	3.1	81.4	90.5
Electrical industrial apparatus, n.e.c..	3629	n.a.	8.8	9.0	3.3	3.3	5.5	5.7	54.1	52.3
Household appliances.....	363	164.5	12.6	12.3	4.5	5.0	8.1	7.3	73.1	83.8
Household cooking equipment.....	3631	n.a.	16.5	16.4	6.2	7.4	10.2	9.0	113.3	123.9
Household refrigerators and freezers...	3632	32.8	9.4	10.7	3.3	4.2	6.1	6.5	43.0	53.3
Household laundry equipment.....	3633	20.0	11.4	11.8	3.3	3.4	8.1	8.4	46.0	60.1
Electric housewares and fans.....	3634	52.7	11.8	12.2	4.3	5.0	7.4	7.2	76.2	92.1
Household vacuum cleaners.....	3635	n.a.	8.7	9.0	3.7	4.0	5.0	5.0	87.2	98.7
Sewing machines.....	3636	n.a.	-	9.6	-	3.4	-	6.2	-	43.5
Household appliances, n.e.c.....	3639	n.a.	23.4	16.4	10.2	7.8	13.2	8.5	160.1	124.6

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Electric lighting and wiring equipment.....	364	211.2	12.3	11.3	4.7	4.4	7.6	6.9	73.5	70.3
Electric lamps.....	3641	36.4	6.2	5.1	2.2	2.1	4.0	2.9	44.9	36.9
Current-carrying wiring devices.....	3643	88.5	11.1	10.0	4.2	3.9	6.9	6.1	67.2	61.1
Noncurrent-carrying wiring devices.....	3644	22.4	20.7	20.0	8.2	8.5	12.4	11.5	129.2	139.0
Residential lighting fixtures.....	3645	25.3	15.0	12.2	5.2	4.6	9.8	7.6	75.0	63.8
Commercial lighting fixtures.....	3646	n.a.	17.9	18.7	7.4	6.6	10.5	12.0	101.2	92.5
Vehicular lighting equipment.....	3647	n.a.	8.6	7.9	3.5	3.3	5.1	4.5	52.9	71.8
Radio and TV receiving equipment.....	365	109.6	8.4	7.8	3.6	3.4	4.8	4.3	51.8	53.6
Radio and TV receiving sets.....	3651	85.9	8.6	8.0	3.5	3.4	5.1	4.6	51.0	55.8
Phonograph records.....	3652	n.a.	7.7	6.8	3.9	3.4	3.8	3.4	54.3	45.2
Communication equipment.....	366	539.2	4.8	4.9	2.1	2.2	2.7	2.7	34.3	37.0
Telephone and telegraph apparatus.....	3661	162.9	5.6	5.5	2.9	3.1	2.7	2.4	49.0	61.0
Radio and TV communication equipment....	3662	376.3	4.5	4.7	1.8	1.8	2.7	2.9	27.5	27.1
Electronic components and accessories.....	367	558.7	7.6	7.0	2.9	2.7	4.7	4.3	36.2	35.9
Electron tubes, receiving type.....	3671	n.a.	4.5	1.8	1.9	1.3	2.6	.5	30.0	29.1
Cathode ray television picture tubes....	3672	n.a.	11.7	9.7	7.0	6.4	4.7	3.3	98.6	93.9
Electron tubes, transmitting.....	3673	n.a.	7.4	7.5	2.6	2.8	4.7	4.7	42.0	39.0
Semiconductors and related devices.....	3674	226.9	6.1	5.5	2.4	2.2	3.6	3.3	31.6	31.7
Electronic capacitors.....	3675	n.a.	5.3	5.3	2.2	2.0	3.1	3.3	27.4	29.9
Electronic resistors.....	3676	n.a.	8.0	7.6	3.2	2.7	4.7	4.8	33.8	36.4
Electronic coils and transformers.....	3677	n.a.	11.0	9.6	3.3	2.9	7.7	6.7	41.8	42.2
Electronic connectors.....	3678	n.a.	9.3	7.3	2.4	2.3	6.9	5.0	31.2	30.5
Electronic components, n.e.c.....	3679	215.3	8.7	8.3	3.1	3.0	5.6	5.3	36.7	36.3
Miscellaneous electrical equipment and supplies.....	369	158.6	9.6	8.4	4.4	3.9	5.2	4.5	73.5	63.1
Storage batteries.....	3691	29.8	19.6	15.9	10.9	8.8	8.6	7.1	207.1	145.7
Primary batteries, dry and wet.....	3692	n.a.	6.4	6.7	1.8	2.2	4.6	4.5	37.4	38.6
X-ray apparatus and tubes.....	3693	n.a.	6.6	5.4	2.2	2.0	4.4	3.4	27.2	25.3
Engine electrical equipment.....	3694	74.2	7.2	6.2	3.1	2.7	4.0	3.5	47.4	40.3
Electrical equipment and supplies, n.e.c.....	3699	n.a.	11.7	11.6	5.0	5.2	6.7	6.3	64.4	102.0
Transportation equipment.....	37	1,875.3	11.6	10.6	5.5	4.9	6.1	5.7	85.9	82.4
Motor vehicles and equipment.....	371	762.6	11.6	9.9	5.5	4.3	6.1	5.6	81.3	67.4
Motor vehicles and car bodies.....	3711	348.9	8.1	6.3	3.8	2.6	4.2	3.7	52.3	33.1
Truck and bus bodies.....	3713	38.6	29.7	24.8	12.7	10.4	17.0	14.4	139.6	129.9
Motor vehicle parts and accessories....	3714	342.5	11.9	10.4	5.9	4.8	6.0	5.6	96.3	87.0
Truck trailers.....	3715	28.0	27.0	23.3	12.8	10.4	14.2	12.9	185.8	146.0
Self-contained mobile homes.....	3716	n.a.	24.2	18.5	8.7	6.8	15.5	11.7	98.5	88.4
Aircraft and parts.....	372	654.9	7.1	6.8	3.0	2.9	4.1	3.8	49.1	46.9
Aircraft.....	3721	354.1	5.2	4.8	2.4	2.0	2.8	2.8	44.0	35.1
Aircraft engines and engine parts.....	3724	161.3	8.0	7.8	3.5	4.0	4.5	3.7	55.0	68.3
Aircraft equipment, n.e.c.....	3728	139.6	10.9	10.6	4.0	3.9	6.9	6.7	55.8	53.4
Ship and boat building and repairing.....	373	219.7	24.0	25.6	12.4	12.8	11.5	12.7	215.2	248.5
Ship building and repairing.....	3731	175.7	24.1	26.9	12.9	13.6	11.1	13.3	232.6	271.7
Boat building and repairing.....	3732	44.0	23.7	20.2	10.7	9.9	12.9	10.3	156.9	152.8
Railroad equipment.....	374	69.4	19.8	19.8	10.1	10.8	9.6	9.0	161.1	192.2
Motorcycles, bicycles, and parts.....	375	n.a.	16.1	16.5	6.1	6.3	10.0	10.2	68.5	68.3
Guided missiles, space vehicles, and parts.....	376	110.6	3.1	3.1	1.4	1.4	1.7	1.7	20.8	21.9
Guided missiles and space vehicles....	3761	88.1	2.7	2.9	1.3	1.3	1.4	1.6	19.9	20.9
Space propulsion units and parts.....	3764	n.a.	4.2	3.5	1.8	1.8	2.4	1.7	25.5	23.8
Space vehicle equipment, n.e.c.....	3769	n.a.	5.1	4.2	1.4	2.1	3.7	2.1	20.9	28.2
Miscellaneous transportation equipment....	379	38.8	19.1	15.4	8.1	6.7	11.0	8.7	105.9	82.2
Travel trailers and campers.....	3792	16.5	-	18.9	-	7.5	-	11.4	-	95.2
Tanks and tank components.....	3795	n.a.	9.6	8.8	5.6	5.8	3.9	3.0	58.2	72.8
Transportation equipment, n.e.c.....	3799	n.a.	22.3	16.9	9.8	6.4	12.5	10.5	119.4	73.6
Instruments and related products.....	38	708.5	7.2	6.8	2.8	2.7	4.4	4.1	40.0	41.8
Engineering and scientific instruments....	381	76.8	6.0	5.8	2.0	2.1	4.0	3.7	29.6	33.6
Measuring and controlling devices.....	382	241.9	7.5	7.1	3.0	2.9	4.5	4.2	44.7	43.5
Environmental controls.....	3822	47.4	9.4	8.9	4.1	3.6	5.3	5.3	75.7	65.1
Process control instruments.....	3823	52.9	6.9	7.5	2.8	2.9	4.1	4.6	37.4	43.0
Fluid meters and counting devices.....	3824	n.a.	10.1	9.5	4.3	4.7	5.8	4.8	55.8	63.1
Instruments to measure electricity....	3825	102.1	5.9	5.2	2.3	2.2	3.6	3.0	29.8	30.7
Measuring and controlling devices, n.e.c.....	3829	n.a.	9.4	9.0	3.0	3.1	6.4	5.9	45.6	42.2
Optical instruments and lenses.....	383	32.9	6.6	6.6	2.5	3.0	4.0	3.6	32.4	41.4

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	1980 annual average employment (in thousands) <sup>4/</sup>	Incidence rates per 100 full-time workers <sup>5/</sup>							
			Total cases <sup>6/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Medical instruments and supplies.....	384	155.5	8.5	7.6	3.2	3.0	5.2	4.6	46.7	47.6
Surgical and medical instruments.....	3841	71.5	7.5	6.8	2.8	2.6	4.7	4.2	44.0	40.3
Surgical appliances and supplies.....	3842	66.7	8.8	8.3	3.4	3.4	5.3	4.9	49.3	56.1
Dental equipment and supplies.....	3843	n.a.	10.9	8.7	4.0	3.2	6.9	5.5	47.2	45.7
Ophthalmic goods.....	385	44.0	6.8	6.5	2.7	2.7	4.1	3.8	53.3	33.9
Photographic equipment and supplies.....	386	135.5	6.2	6.5	2.5	2.6	3.6	3.8	35.1	40.6
Watches, clocks, and watchcases.....	387	21.9	6.4	4.9	2.6	2.3	3.8	2.6	37.7	32.8
Miscellaneous manufacturing industries.....	39	419.3	11.7	10.9	4.7	4.3	7.0	6.5	67.7	67.9
Jewelry, silverware, and plated ware.....	391	56.0	6.5	6.2	2.7	2.5	3.8	3.7	45.6	47.8
Jewelry, precious metal.....	3911	36.8	4.7	4.4	1.6	1.5	3.1	2.9	21.5	25.8
Silverware and plated ware.....	3914	n.a.	12.6	11.2	6.6	5.4	6.0	5.8	135.5	121.0
Jewelers' materials and lapidary work...	3915	n.a.	6.2	7.4	2.2	3.0	4.0	4.4	31.6	42.9
Musical instruments.....	393	21.9	13.6	11.0	5.3	3.5	8.3	7.5	82.2	61.4
Toys and sporting goods.....	394	116.1	13.5	12.6	5.6	5.1	7.9	7.5	78.5	78.4
Dolls.....	3942	n.a.	7.4	6.5	2.6	2.1	4.8	4.4	40.5	25.8
Games, toys, and children's vehicles.....	3944	n.a.	12.0	10.5	5.0	4.9	7.0	5.6	77.5	67.7
Sporting and athletic goods, n.e.c.....	3949	57.7	15.4	15.2	6.4	5.7	9.0	9.5	84.2	95.5
Pens, pencils, office and art supplies...	395	37.8	11.8	10.7	5.0	4.7	6.8	6.0	68.8	71.1
Pens and mechanical pencils.....	3951	n.a.	10.0	10.6	4.3	4.6	5.7	6.0	59.4	75.8
Lead pencils and art goods.....	3952	n.a.	15.8	13.0	6.9	5.9	8.8	7.1	94.7	79.2
Marking devices.....	3953	n.a.	7.0	7.5	2.5	2.2	4.5	5.3	29.3	32.5
Carbon paper and inked ribbons.....	3955	n.a.	17.0	12.7	7.3	7.1	9.7	5.6	110.4	114.8
Costume jewelry and notions.....	396	51.6	9.2	8.4	3.3	3.3	5.8	5.1	48.2	53.6
Costume jewelry.....	3961	25.1	6.8	6.1	2.4	2.5	4.3	3.6	37.5	43.6
Artificial flowers.....	3962	n.a.	10.2	9.5	4.2	3.8	6.0	5.7	50.0	46.2
Buttons.....	3963	n.a.	9.3	8.3	3.9	2.8	5.4	5.5	55.5	37.0
Needles, pins, and fasteners.....	3964	n.a.	12.6	11.0	4.5	4.2	8.1	6.7	63.7	71.2
Miscellaneous manufactures.....	399	136.0	13.0	12.3	5.1	5.1	7.9	7.2	72.8	72.4
Brooms and brushes.....	3991	n.a.	14.8	13.0	6.6	6.1	8.2	6.9	79.4	95.4
Signs and advertising displays.....	3993	47.6	14.0	12.9	5.3	5.2	8.7	7.7	72.0	73.4
Burial caskets.....	3995	n.a.	15.7	15.5	5.3	5.5	10.4	10.0	75.4	54.8
Hard surface floor coverings.....	3996	n.a.	11.1	11.1	5.1	6.0	6.0	5.1	88.8	115.4
Manufacturing industries, n.e.c.....	3999	n.a.	11.4	11.0	4.5	4.3	6.9	6.7	67.9	59.8
Nonurable goods.....		8,118.0	11.8	11.1	5.3	5.0	6.5	6.1	82.3	80.4
Food and kindred products.....	20	1,710.8	19.9	18.7	9.5	9.0	10.4	9.7	141.8	136.8
Meat products.....	201	356.9	29.8	28.0	14.3	13.4	15.5	14.6	194.0	178.2
Meatpacking plants.....	2011	161.4	36.9	33.5	18.3	16.7	18.5	16.8	243.2	215.7
Sausages and other prepared meats.....	2013	69.6	23.2	24.7	11.8	12.4	11.4	12.3	175.4	178.1
Poultry dressing plants.....	2016	111.4	23.9	22.1	10.2	9.3	13.6	12.8	137.7	125.5
Poultry and egg processing.....	2017	n.a.	22.4	23.5	9.6	9.8	12.8	13.7	120.8	126.5
Dairy products.....	202	175.8	15.9	15.6	7.4	7.8	8.5	7.8	115.8	121.0
Creamery butter.....	2021	n.a.	15.7	11.4	5.9	5.0	9.8	6.4	86.5	89.3
Cheese, natural and processed.....	2022	35.8	14.9	15.5	6.8	7.3	8.1	8.2	113.6	99.7
Condensed and evaporated milk.....	2023	n.a.	12.5	12.8	6.6	6.7	5.9	6.1	95.8	87.2
Ice cream and frozen desserts.....	2024	n.a.	18.4	18.0	8.8	9.6	9.6	8.4	109.3	147.8
Fluid milk.....	2026	102.1	16.2	15.7	7.5	7.9	8.7	7.8	120.8	129.4
Preserved fruits and vegetables.....	203	256.3	17.2	15.9	8.3	7.6	8.9	8.2	124.2	123.8
Canned specialties.....	2032	25.3	11.9	12.0	6.1	5.4	5.8	6.5	96.5	94.6
Canned fruits and vegetables.....	2033	105.2	18.7	15.9	8.6	7.4	10.1	8.4	122.7	110.9
Dehydrated fruits, vegetables, soups...	2034	n.a.	18.6	16.7	9.6	8.7	9.0	8.0	161.1	139.4
Pickles, sauces, and salad dressings...	2035	n.a.	17.5	15.0	8.1	7.2	9.3	7.8	107.8	104.1
Frozen fruits and vegetables.....	2037	46.8	17.1	18.8	8.4	9.1	8.7	9.7	137.7	170.3
Frozen specialties.....	2038	n.a.	15.7	14.9	8.2	7.8	7.5	7.1	122.0	131.1
Grain mill products.....	204	144.5	15.6	14.7	7.7	7.3	7.9	7.4	129.7	127.6
Flour and other grain mill products....	2041	27.0	16.1	15.9	8.2	8.0	7.9	7.9	138.6	140.1
Cereal breakfast foods.....	2043	n.a.	14.1	12.3	6.9	6.5	7.2	5.8	148.8	137.7
Rice milling.....	2044	n.a.	19.6	15.6	10.0	9.1	9.6	6.5	153.6	202.4
Blended and prepared flour.....	2045	n.a.	14.0	13.6	7.7	7.3	6.3	6.2	111.3	128.7
Wet corn milling.....	2046	n.a.	10.8	10.2	6.2	5.7	4.6	4.5	93.2	103.9
Dog, cat, and other pet food.....	2047	n.a.	19.1	17.9	9.1	8.5	10.0	9.4	158.7	140.0
Prepared feeds, n.e.c.....	2048	57.4	15.7	15.0	7.5	7.0	8.2	7.9	120.4	113.3
Bakery products.....	205	225.9	14.3	13.6	7.0	6.9	7.3	6.7	129.2	129.9
Bread, cake, and related products.....	2051	183.2	14.5	13.7	7.1	7.0	7.4	6.7	128.8	128.9
Cookies and crackers.....	2052	42.7	13.5	13.2	6.6	6.3	6.9	6.9	131.2	134.3

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	1980 annual average employment (in thousands) <sup>4/</sup>	Incidence rates per 100 full-time workers <sup>5/</sup>							
			Total cases <sup>6/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Sugar and confectionery products.....	206	106.7	14.5	14.1	7.3	7.0	7.2	7.1	111.2	110.0
Raw cane sugar.....	2061	n.a.	24.0	20.9	10.8	10.7	13.1	10.2	184.3	135.4
Cane sugar refining.....	2062	n.a.	11.6	13.0	6.8	7.6	4.8	5.4	129.0	154.1
Beet sugar.....	2063	n.a.	19.3	21.4	13.2	11.3	6.1	10.0	139.7	140.0
Confectionery products.....	2065	57.3	13.8	13.0	6.4	6.0	7.4	7.0	99.2	98.5
Chocolate and cocoa products.....	2066	n.a.	10.3	9.9	4.5	5.2	5.7	4.6	77.3	84.9
Chewing gum.....	2067	n.a.	12.0	10.1	5.0	4.8	7.0	5.3	98.7	91.3
Fats and oils.....	207	44.6	20.0	19.8	9.5	9.3	10.5	10.5	159.1	170.2
Cottonseed oil mills.....	2074	n.a.	19.9	21.8	8.9	10.4	11.0	11.2	228.5	243.7
Soybean oil mills.....	2075	n.a.	15.9	14.0	8.1	6.7	7.8	7.3	137.1	96.3
Vegetable oil mills, n.e.c.....	2076	n.a.	17.3	15.0	8.9	6.5	8.4	8.4	195.4	106.4
Animal and marine fats and oils.....	2077	n.a.	26.8	26.9	14.6	13.4	12.2	13.4	191.8	228.6
Shortening and cooking oils.....	2079	n.a.	18.0	17.7	6.9	7.5	11.0	10.1	108.6	137.2
Beverages.....	208	235.2	23.5	21.6	10.6	9.8	12.9	11.8	146.8	135.9
Malt beverages.....	2082	50.9	18.1	15.3	6.5	5.5	11.6	9.7	121.5	103.4
Malt.....	2083	n.a.	27.9	27.9	14.1	13.5	13.8	14.4	255.7	165.9
Wines, brandy, and brandy spirits.....	2084	n.a.	24.8	22.4	12.1	11.1	12.7	11.2	149.4	135.8
Distilled liquor, except brandy.....	2085	n.a.	17.6	17.1	8.4	8.2	9.2	8.9	150.4	149.6
Bottled and canned soft drinks.....	2086	139.5	27.4	25.4	12.8	11.9	14.6	13.5	162.7	151.6
Flavoring extracts and syrups, n.e.c.....	2087	n.a.	9.9	8.6	4.7	4.2	5.2	4.4	55.2	69.3
Miscellaneous foods and kindred products..	209	165.1	16.8	15.3	8.0	7.6	8.8	7.7	118.7	108.9
Canned and cured seafoods.....	2091	n.a.	24.4	20.2	10.4	9.2	14.0	10.9	163.5	112.0
Fresh or frozen packaged fish.....	2092	n.a.	22.0	19.4	10.7	10.4	11.3	9.0	143.1	131.4
Roasted coffee.....	2095	n.a.	11.7	10.0	5.6	6.0	6.1	3.9	79.0	96.2
Manufactured ice.....	2097	n.a.	-	17.3	-	10.6	-	6.7	-	147.2
Macaroni and spaghetti.....	2098	n.a.	18.8	16.6	9.7	8.4	9.1	8.2	198.5	165.0
Food preparations, n.e.c.....	2099	n.a.	14.2	13.7	6.7	6.4	7.5	7.3	100.5	94.9
Tobacco manufactures.....	21	69.2	9.3	8.1	4.2	3.8	5.0	4.3	64.8	45.8
Cigarettes.....	211	46.3	7.9	6.9	4.1	3.4	3.8	3.5	64.3	42.3
Cigars.....	212	n.a.	7.4	7.0	3.0	2.8	4.4	4.2	64.3	31.6
Chewing and smoking tobacco.....	213	n.a.	12.0	13.1	4.2	5.0	7.8	8.1	57.5	65.3
Tobacco stemming and redrying.....	214	n.a.	14.4	12.3	5.5	5.4	8.9	6.9	69.5	61.9
Textile mill products.....	22	852.7	9.7	9.1	3.4	3.3	6.3	5.8	61.3	62.8
Weaving mills, cotton.....	221	150.1	7.4	7.6	1.9	2.2	5.5	5.4	47.7	52.4
Weaving mills, synthetics.....	222	118.1	8.9	7.9	2.9	2.6	6.0	5.2	60.5	53.2
Weaving and finishing mills, wool.....	223	19.0	13.6	10.7	6.6	5.2	7.0	5.5	110.6	96.1
Narrow fabric mills.....	224	23.0	11.0	9.9	4.7	4.3	6.3	5.6	73.7	81.2
Knitting mills.....	225	221.2	7.7	7.4	2.9	3.0	4.7	4.4	41.9	49.0
Women's hosiery, except socks.....	2251	30.1	4.3	4.4	1.8	1.8	2.4	2.6	25.1	28.0
Hosiery, n.e.c.....	2252	33.2	5.2	5.4	2.2	2.3	3.0	3.1	34.8	33.4
Knit outerwear mills.....	2253	69.4	6.2	6.3	2.1	2.2	4.1	4.1	30.3	34.2
Knit underwear mills.....	2254	31.2	8.6	8.5	3.5	3.8	5.1	4.7	38.3	66.2
Circular knit fabric mills.....	2257	33.5	12.0	10.8	4.6	4.6	7.4	6.2	70.6	83.5
Warp knit fabric mills.....	2258	n.a.	11.5	10.0	4.1	4.4	7.4	5.6	65.3	65.4
Knitting mills, n.e.c.....	2259	n.a.	11.0	12.3	5.4	5.7	5.5	6.6	64.6	55.4
Textile finishing, except wool.....	226	74.1	12.6	12.3	4.9	5.0	7.7	7.3	86.2	92.8
Finishing plants, cotton.....	2261	29.5	10.6	10.4	3.9	4.1	6.6	6.3	77.9	82.2
Finishing plants, synthetics.....	2262	28.7	13.6	13.0	5.4	5.4	8.2	7.6	94.9	105.3
Finishing plants, n.e.c.....	2269	n.a.	14.9	14.5	5.9	5.8	9.0	8.7	86.3	91.1
Floor covering mills.....	227	54.4	12.1	10.9	3.9	3.5	8.2	7.4	64.2	67.2
Woven carpets and rugs.....	2271	n.a.	11.4	10.6	4.3	3.6	7.1	7.0	55.3	57.8
Tufted carpets and rugs.....	2272	n.a.	12.5	11.1	3.9	3.5	8.6	7.6	66.4	70.2
Yarn and thread mills.....	228	126.2	10.9	9.3	3.3	2.8	7.6	6.5	62.3	55.0
Yarn mills, except wool.....	2281	84.3	11.3	9.6	3.0	2.6	8.2	7.0	57.7	50.2
Throwing and winding mills.....	2282	21.0	10.5	8.9	3.6	2.6	6.9	6.3	70.2	45.9
Wool yarn mills.....	2283	n.a.	11.2	11.1	5.2	5.1	6.0	6.0	100.0	122.0
Thread mills.....	2284	n.a.	8.8	6.9	3.0	2.4	5.8	4.5	45.3	51.7
Miscellaneous textile goods.....	229	66.5	13.7	13.5	5.9	5.9	7.8	7.6	101.0	110.7
Felt goods, except woven felts and hats.	2291	n.a.	18.7	16.8	8.1	7.9	10.6	8.9	130.5	139.9
Lace goods.....	2292	n.a.	9.5	12.3	3.5	4.7	6.0	7.6	92.0	114.9
Paddings and upholstery filling.....	2293	n.a.	15.1	15.2	8.4	7.8	6.6	7.4	153.6	183.5
Processed textile waste.....	2294	n.a.	13.5	14.3	5.8	5.4	7.7	8.9	108.2	90.7
Coated fabrics, not rubberized.....	2295	n.a.	14.7	15.3	6.2	6.6	8.5	8.7	101.1	124.2
Nonwoven fabrics.....	2297	n.a.	13.9	15.7	4.9	6.7	9.0	8.9	93.1	118.6
Cordage and twine.....	2298	n.a.	17.4	15.2	6.5	7.1	10.9	8.1	85.1	94.4
Textile goods, n.e.c.....	2299	n.a.	12.6	11.4	5.7	4.6	6.9	6.8	95.0	91.0

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979' and 1980

Industry <u>2/</u>	SIC code <u>3/</u>	1980 annual average employment (in thousands) <u>4/</u>	Incidence rates per 100 full-time workers <u>5/</u>							
			Total cases <u>6/</u>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Apparel and other textile products.....	23	1,265.8	6.5	6.4	2.2	2.2	4.3	4.2	34.1	34.9
Men's and boys' suits and coats.....	231	77.7	6.8	6.3	2.6	2.6	4.2	3.7	47.0	41.2
Men's and boys' furnishings.....	232	362.2	8.1	7.9	2.9	2.9	5.2	4.8	44.4	42.9
Men's and boys' shirts and nightwear...	2321	98.9	6.0	6.0	2.1	2.1	3.9	3.9	30.2	29.6
Men's and boys' underwear.....	2322	n.a.	7.1	6.9	2.5	2.3	4.6	4.6	43.9	35.6
Men's and boys' separate trousers.....	2327	76.4	8.6	7.2	3.0	2.8	5.5	4.4	48.8	42.4
Men's and boys' work clothing.....	2328	104.0	10.6	10.7	4.1	4.2	6.5	6.5	63.2	59.9
Men's and boys' clothing, n.e.c.....	2329	n.a.	7.7	7.5	2.5	2.6	5.2	4.9	33.9	40.4
Women's and misses' outerwear.....	233	416.7	4.2	4.4	1.3	1.3	2.9	3.1	19.5	23.2
Women's and misses' blouses and waists..	2331	61.9	3.2	3.9	.8	1.0	2.4	2.9	12.0	17.2
Women's and misses' dresses.....	2335	144.3	2.7	3.0	.8	.9	1.9	2.1	12.3	17.3
Women's and misses' outerwear, n.e.c....	2339	144.7	6.1	6.0	1.9	1.8	4.2	4.2	28.1	34.1
Women's and children's undergarments.....	234	89.0	6.4	6.3	1.8	1.9	4.6	4.4	30.8	28.4
Women's and children's underwear.....	2341	71.4	6.4	6.2	1.8	1.9	4.6	4.3	32.6	28.9
Brassieres and allied garments.....	2342	17.6	6.5	6.6	1.6	2.0	4.9	4.6	23.3	26.5
Hats, caps, and millinery.....	235	n.a.	7.7	8.5	2.5	3.2	5.1	5.3	37.2	44.9
Hats and caps, except millinery.....	2352	n.a.	8.2	9.1	2.8	3.5	5.4	5.5	38.0	47.4
Children's outerwear.....	236	64.8	5.8	5.3	1.8	1.8	4.0	3.4	30.2	32.2
Children's dresses and blouses.....	2361	27.6	5.6	4.6	1.7	1.5	3.9	3.1	30.3	28.8
Children's coats and suits.....	2363	n.a.	5.9	5.7	1.8	2.0	4.1	3.7	32.5	41.5
Children's outerwear, n.e.c.....	2369	n.a.	6.0	5.8	2.0	2.1	4.0	3.7	29.7	33.1
Miscellaneous apparel and accessories....	238	55.3	6.1	6.2	2.4	2.1	3.7	4.1	30.0	34.1
Fabric dress and work gloves.....	2381	n.a.	4.9	4.3	2.4	2.0	2.5	2.3	35.1	34.3
Robes and dressing gowns.....	2384	n.a.	5.3	5.6	1.6	1.8	3.7	3.6	19.4	35.5
Waterproof outer garments.....	2385	n.a.	5.6	7.3	2.1	2.4	3.5	4.9	31.1	33.3
Leather and sheep lined clothing.....	2386	n.a.	-	5.6	-	2.1	-	3.4	-	32.7
Apparel belts.....	2387	n.a.	9.8	7.2	3.3	2.0	6.5	5.2	37.1	38.3
Apparel and accessories, n.e.c.....	2389	n.a.	6.1	8.1	2.3	2.7	3.8	5.4	21.6	26.9
Miscellaneous fabricated textile products.....	239	178.0	8.9	8.6	3.3	3.0	5.6	5.6	45.5	45.7
Curtains and draperies.....	2391	27.6	8.6	7.5	2.9	2.5	5.7	5.0	40.9	33.5
House furnishings, n.e.c.....	2392	50.5	10.5	9.5	3.6	3.0	6.9	6.5	48.6	42.5
Textile bags.....	2393	n.a.	13.6	12.1	5.4	4.3	8.2	7.8	104.7	56.2
Canvas and related products.....	2394	n.a.	12.3	11.2	4.5	5.0	7.8	6.2	63.5	78.0
Pleating and stitching.....	2395	n.a.	5.3	6.5	2.2	2.0	3.1	4.5	27.7	23.8
Automotive and apparel trimmings.....	2396	30.3	6.4	6.6	2.5	2.1	3.9	4.5	34.0	42.9
Schiffli machine embroideries.....	2397	n.a.	4.5	3.0	1.9	1.4	2.6	1.6	20.8	17.4
Fabricated textile products, n.e.c.....	2399	n.a.	8.4	9.6	3.4	3.9	5.0	5.7	42.4	64.3
Paper and allied products.....	26	694.0	13.5	12.7	6.0	5.8	7.5	6.9	108.4	112.3
Pulp mills.....	261	n.a.	11.6	10.2	4.5	4.3	7.1	5.9	98.7	125.5
Paper mills, except building paper.....	262	175.4	11.0	10.7	4.9	4.9	6.0	5.7	108.4	117.8
Paperboard mills.....	263	65.4	12.9	12.7	5.0	5.5	7.8	7.2	102.5	130.8
Miscellaneous converted paper products....	264	219.7	14.0	12.7	6.1	5.9	7.9	6.8	97.2	92.3
Paper coating and glazing.....	2641	56.4	11.4	9.3	5.0	4.4	6.4	4.9	80.1	64.2
Envelopes.....	2642	25.1	17.9	16.7	7.9	7.8	9.9	8.9	114.3	114.4
Bags, except textile bags.....	2643	50.0	15.8	15.7	6.4	6.7	9.4	9.0	101.1	109.5
Die-cut paper and board.....	2645	n.a.	13.8	11.3	6.2	5.4	7.6	5.9	95.7	66.3
Pressed and molded pulp goods.....	2646	n.a.	17.1	14.1	7.4	9.0	9.7	5.0	132.0	124.7
Sanitary paper products.....	2647	n.a.	10.5	8.6	4.5	4.3	6.0	4.3	90.0	75.6
Stationery products.....	2648	n.a.	15.9	14.3	8.0	6.3	7.9	8.0	111.2	104.2
Converted paper products, n.e.c.....	2649	n.a.	15.1	14.7	7.0	6.9	8.1	7.8	107.4	117.8
Paperboard containers and boxes.....	265	205.3	15.9	15.0	7.1	6.8	8.8	8.2	121.6	120.7
Folding paperboard boxes.....	2651	42.1	14.4	14.7	6.0	6.2	8.4	8.4	101.6	109.1
Set-up paperboard boxes.....	2652	n.a.	12.8	10.9	5.2	4.5	7.6	6.4	90.1	81.8
Corrugated and solid fiber boxes.....	2653	106.3	17.7	16.6	8.1	7.6	9.6	9.0	139.8	133.5
Sanitary food containers.....	2654	26.2	12.7	11.2	5.9	5.8	6.8	5.4	96.0	102.8
Fiber cans, drums, and similar products.....	2655	n.a.	15.1	14.3	6.6	6.4	8.5	7.9	119.2	125.3
Building paper and board mills.....	266	n.a.	11.1	10.3	5.7	5.6	5.3	4.6	122.5	126.3
Printing and publishing.....	27	1,258.3	7.1	6.9	3.1	3.1	4.0	3.8	45.1	46.5
Newspapers.....	271	422.8	6.0	6.2	2.8	2.8	3.2	3.4	46.2	47.3
Periodicals.....	272	88.4	2.8	2.5	1.3	1.2	1.5	1.2	18.9	16.5

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	1980 annual average employment (in thousands) <sup>4/</sup>	Incidence rates per 100 full-time workers <sup>5/</sup>							
			Total cases <sup>6/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Books.....	273	100.8	7.3	7.0	2.9	3.0	4.4	3.9	39.4	43.0
Book publishing.....	2731	71.2	5.0	4.6	2.0	2.0	3.0	2.6	26.0	23.0
Book printing.....	2732	29.5	12.1	11.5	4.7	5.1	7.4	6.4	66.5	82.0
Miscellaneous publishing.....	274	48.6	3.2	3.3	1.5	1.5	1.7	1.8	20.8	21.9
Commercial printing.....	275	418.1	8.6	8.2	3.7	3.6	4.9	4.6	50.9	55.8
Commercial printing, letterpress.....	2751	166.3	8.1	7.8	3.5	3.5	4.6	4.2	49.3	56.9
Commercial printing, lithographic.....	2752	229.5	8.8	8.3	3.5	3.5	5.2	4.8	49.0	52.9
Engraving and plate printing.....	2753	n.a.	7.2	6.4	3.3	2.6	3.9	3.8	44.6	34.6
Commercial printing, gravure.....	2754	n.a.	15.2	13.3	8.0	7.6	7.2	5.7	113.1	113.0
Manifold business forms.....	276	49.3	13.1	11.4	5.6	5.1	7.5	6.3	69.4	62.4
Greeting card publishing.....	277	n.a.	6.4	5.6	2.8	2.3	3.6	3.3	39.5	32.6
Blankbooks and bookbinding.....	278	61.2	10.0	10.1	4.0	4.4	6.0	5.7	55.5	59.8
Blankbooks and looseleaf binders.....	2782	n.a.	9.8	9.7	3.8	4.1	6.0	5.6	52.2	57.2
Bookbinding and related work.....	2789	n.a.	10.2	10.6	4.3	4.7	5.9	5.9	61.0	64.1
Printing trade services.....	279	44.0	3.1	2.3	1.2	.8	1.9	1.5	22.6	-
Photoengraving.....	2793	n.a.	3.9	3.3	1.2	1.1	2.7	2.2	17.3	15.7
Lithographic platemaking services.....	2795	n.a.	4.8	3.9	1.7	1.4	3.1	2.5	17.0	15.4
Chemicals and allied products.....	28	1,107.4	7.7	6.8	3.5	3.1	4.2	3.7	54.9	50.3
Industrial inorganic chemicals.....	281	162.2	5.8	5.0	2.6	2.2	3.2	2.8	46.9	43.5
Alkalies and chlorine.....	2812	n.a.	4.8	4.2	2.4	1.9	2.4	2.3	44.2	40.3
Industrial gases.....	2813	n.a.	-	4.9	-	2.2	-	2.7	-	48.1
Inorganic pigments.....	2816	n.a.	9.5	9.2	4.2	4.0	5.3	5.2	58.5	59.7
Industrial inorganic chemicals, n.e.c....	2819	106.8	5.3	4.7	2.3	2.0	3.0	2.7	43.3	41.4
Plastics materials and synthetics.....	282	206.3	5.4	4.8	2.4	2.1	3.0	2.7	41.4	39.4
Plastics materials and resins.....	2821	81.4	8.9	7.5	4.2	3.4	4.7	4.0	71.6	57.0
Synthetic rubber.....	2822	n.a.	-	8.4	-	3.8	-	4.6	-	70.7
Cellulosic manmade fibers.....	2823	n.a.	2.9	4.5	1.1	1.9	1.8	2.5	25.3	53.5
Organic fibers, noncellulosic.....	2824	97.0	2.3	2.0	.7	.7	1.6	1.3	14.4	16.4
Drugs.....	283	196.6	7.0	6.3	3.4	3.1	3.6	3.2	47.3	39.2
Biological products.....	2831	n.a.	7.7	5.7	3.2	2.6	4.5	3.0	51.9	36.9
Medicinals and botanicals.....	2833	n.a.	8.8	8.0	4.0	4.4	4.7	3.6	54.1	55.8
Pharmaceutical preparations.....	2834	155.0	6.8	6.1	3.3	3.0	3.5	3.1	45.9	37.5
Soap, cleaners, and toilet goods.....	284	139.1	9.7	9.5	4.8	4.8	4.9	4.7	71.5	76.1
Soap and other detergents.....	2841	41.9	9.3	9.4	4.7	5.2	4.6	4.2	77.9	87.1
Polishes and sanitation goods.....	2842	n.a.	12.7	11.8	6.1	5.3	6.6	6.5	81.7	82.3
Toilet preparations.....	2844	55.5	8.2	7.7	4.0	4.0	4.2	3.7	61.5	62.4
Paints and allied products.....	285	65.5	13.4	12.2	5.9	5.6	7.5	6.6	81.2	75.3
Industrial organic chemicals.....	286	171.5	5.7	4.8	2.5	2.1	3.2	2.7	46.6	35.7
Cyclic crudes and intermediates.....	2865	35.5	7.7	5.8	3.3	2.9	4.3	2.9	58.8	51.9
Industrial organic chemicals, n.e.c....	2869	n.a.	4.9	4.1	2.1	1.7	2.8	2.4	41.6	29.4
Agricultural chemicals.....	287	72.6	9.9	8.2	4.2	3.5	5.6	4.7	62.3	52.8
Nitrogenous fertilizers.....	2873	n.a.	9.0	6.7	3.1	2.4	5.9	4.3	50.2	48.3
Phosphate fertilizers.....	2874	n.a.	7.9	6.6	3.1	2.8	4.8	3.8	54.3	59.4
Fertilizers, mixing only.....	2875	n.a.	13.0	11.6	5.4	4.5	7.6	7.1	85.8	64.4
Agricultural chemicals, n.e.c....	2879	n.a.	9.8	8.4	4.9	4.0	4.9	4.4	61.1	43.9
Miscellaneous chemical products.....	289	93.6	12.8	10.6	5.9	5.0	6.9	5.6	81.8	81.0
Adhesives and sealants.....	2891	n.a.	16.2	14.5	7.9	6.3	8.3	8.2	83.4	95.2
Explosives.....	2892	n.a.	5.7	6.8	2.2	2.9	3.5	3.8	45.0	64.4
Printing ink.....	2893	n.a.	13.5	12.3	5.9	5.6	7.6	6.7	91.1	86.3
Carbon black.....	2895	n.a.	8.1	5.8	4.3	3.3	3.8	2.4	88.8	91.5
Chemical preparations, n.e.c....	2899	n.a.	13.6	9.8	6.3	4.9	7.3	4.9	88.9	77.2
Petroleum and coal products.....	29	196.6	7.7	7.2	3.6	3.5	4.1	3.7	62.0	59.1
Petroleum refining.....	291	153.6	5.6	5.4	2.7	2.7	2.9	2.6	46.0	42.5
Paving and roofing materials.....	295	30.9	15.6	13.2	6.9	6.1	8.7	7.1	122.0	119.8
Paving mixtures and blocks.....	2951	n.a.	14.0	11.7	5.8	5.4	8.1	6.3	95.3	109.2
Asphalt felts and coatings.....	2952	n.a.	16.4	14.2	7.4	6.6	8.9	7.5	135.6	126.5
Miscellaneous petroleum and coal products.....	299	n.a.	15.3	14.7	7.3	6.8	8.0	7.9	112.8	111.1
Lubricating oils and greases.....	2992	n.a.	14.9	14.4	7.3	6.6	7.6	7.8	117.1	111.3
Petroleum and coal products, n.e.c....	2999	n.a.	17.3	16.6	7.3	8.1	10.0	8.5	90.0	109.8

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Rubber and miscellaneous plastics products..	30	730.7	17.1	15.5	8.2	7.4	8.9	8.1	127.1	118.6
Tires and inner tubes.....	301	120.7	15.0	12.8	11.2	8.7	3.8	4.0	207.1	164.5
Rubber and plastics footwear.....	302	21.7	14.3	14.9	6.3	6.5	8.0	8.4	116.0	96.3
Reclaimed rubber.....	303	n.a.	30.0	28.6	22.4	18.8	7.6	9.8	510.4	346.8
Rubber and plastics hose and belting.....	304	n.a.	15.0	13.2	7.2	7.1	7.8	6.1	104.5	123.4
Fabricated rubber products, n.e.c.....	306	105.6	17.3	15.7	8.7	7.7	8.6	8.0	140.1	124.5
Miscellaneous plastics products.....	307	459.5	17.8	16.2	7.5	7.0	10.3	9.2	104.2	105.7
Leather and leather products.....	31	232.6	11.5	11.7	4.9	5.0	6.6	6.7	76.2	82.7
Leather tanning and finishing.....	311	19.0	21.8	23.5	11.9	12.4	9.9	11.0	182.8	210.1
Boot and shoe cut stock and findings.....	313	n.a.	13.5	16.2	5.6	6.8	7.9	9.4	79.5	152.8
Footwear, except rubber.....	314	143.4	10.7	10.8	4.4	4.5	6.3	6.3	70.1	70.7
House slippers.....	3142	n.a.	9.7	8.9	4.6	3.9	5.1	4.9	71.1	62.3
Men's footwear, except athletic.....	3143	55.2	12.5	12.5	4.9	4.9	7.6	7.6	79.5	85.5
Women's footwear, except athletic.....	3144	55.9	9.3	9.5	4.0	4.1	5.3	5.4	68.0	56.7
Footwear, except rubber, n.e.c.....	3149	n.a.	10.5	10.4	3.9	4.8	6.5	5.6	53.2	72.3
Luggage.....	316	16.4	12.6	11.6	5.6	5.0	7.0	6.6	83.2	93.8
Handbags and personal leather goods.....	317	29.7	7.9	8.0	2.8	2.5	5.0	5.5	40.1	42.0
Women's handbags and purses.....	3171	n.a.	7.1	7.0	2.1	2.0	5.0	5.0	26.0	38.3
Personal leather goods, n.e.c.....	3172	n.a.	8.9	9.1	3.9	3.1	5.0	6.0	59.1	46.2
Leather goods, n.e.c.....	319	n.a.	12.1	10.0	4.6	3.2	7.5	6.8	56.8	39.5
Transportation and public utilities.....		5,143.0	10.0	9.4	5.9	5.5	4.1	3.8	107.0	104.5
Railroad transportation 8/.....	40	535.7	12.4	11.1	8.1	7.2	4.3	3.8	105.9	107.6
Local and interurban passenger transit.....	41	265.8	9.3	9.5	5.1	5.2	4.1	4.3	97.5	92.9
Local and suburban transportation.....	411	79.2	-	12.7	-	7.6	-	5.0	-	118.9
Taxicabs.....	412	53.7	-	5.7	-	2.8	-	2.8	-	51.1
Intercity highway transportation.....	413	38.3	-	13.2	-	6.8	-	6.3	-	152.3
Transportation charter service.....	414	n.a.	-	4.8	-	2.5	-	2.3	-	42.2
School buses.....	415	79.7	-	6.2	-	3.0	-	3.2	-	52.5
Trucking and warehousing.....	42	1,275.8	15.8	14.9	9.5	9.0	6.3	5.9	188.7	187.9
Trucking, local and long distance.....	421	n.a.	15.7	14.8	9.5	9.1	6.2	5.7	192.2	191.9
Public warehousing.....	422	89.3	16.5	15.1	8.1	7.4	8.4	7.7	139.6	127.2
Trucking terminal facilities.....	423	n.a.	21.8	16.7	12.1	10.0	9.7	6.7	176.3	254.7
Water transportation.....	44	211.5	14.1	14.2	7.8	8.4	6.2	5.7	286.1	300.3
Water transportation services.....	446	n.a.	21.1	21.1	11.8	12.7	9.2	8.4	467.0	507.0
Transportation by air.....	45	455.1	13.7	13.3	8.6	8.2	5.1	5.1	102.4	105.0
Certificated air transportation.....	451	n.a.	-	13.9	-	8.7	-	5.1	-	111.7
Noncertificated air transportation.....	452	n.a.	-	6.3	-	3.1	-	3.2	-	36.2
Air transportation services.....	458	n.a.	-	11.3	-	5.9	-	5.4	-	79.5
Pipelines, except natural gas.....	46	21.4	4.6	5.2	1.6	1.7	3.0	3.5	21.9	31.0
Transportation services.....	47	196.4	6.0	4.7	3.0	2.5	3.0	2.2	47.0	40.0
Freight forwarding.....	471	n.a.	-	7.4	-	4.3	-	3.1	-	73.3
Miscellaneous transportation services.....	478	n.a.	21.8	20.2	10.1	9.3	11.7	10.9	169.3	134.8
Communication.....	48	1,351.9	2.8	2.8	1.7	1.6	1.1	1.2	29.0	28.6
Telephone communication.....	481	1,070.9	-	2.3	-	1.5	-	.8	-	26.5
Telegraph communication.....	482	n.a.	-	4.2	-	2.5	-	1.7	-	55.9
Radio and television broadcasting.....	483	198.0	-	2.5	-	1.1	-	1.4	-	16.7
Communication, n.e.c.....	489	n.a.	-	11.5	-	5.4	-	6.1	-	92.3
Electric, gas, and sanitary services.....	49	829.7	8.9	8.6	4.4	4.3	4.5	4.2	73.0	70.8
Electric services.....	491	393.6	8.2	7.6	3.7	3.6	4.5	4.0	61.6	60.9
Gas production and distribution.....	492	168.4	-	7.5	-	3.7	-	3.8	-	53.2
Combination utility services.....	493	196.1	-	7.0	-	3.7	-	3.3	-	72.7
Water supply.....	494	n.a.	-	11.8	-	5.7	-	6.1	-	72.9
Sanitary services.....	495	48.4	24.1	25.1	14.2	14.9	9.8	10.2	209.8	202.0
Wholesale and retail trade.....		20,386.0	8.0	7.4	3.4	3.2	4.6	4.2	49.0	48.7
Wholesale trade.....		5,281.0	8.8	8.2	4.1	3.9	4.7	4.3	59.1	58.2
Wholesale trade--durable goods.....	50	3,123.0	8.6	7.8	3.8	3.5	4.8	4.3	52.8	50.7
Motor vehicles and automotive equipment..	501	418.7	-	7.8	-	3.3	-	4.5	-	44.7
Lumber and construction materials.....	503	191.6	-	11.7	-	6.3	-	5.4	-	94.0
Metals and minerals, except petroleum.....	505	152.4	-	15.2	-	6.6	-	8.6	-	106.4
Electrical goods.....	506	418.6	-	4.1	-	1.7	-	2.4	-	23.0
Hardware, plumbing and heating equipment..	507	243.0	-	6.8	-	2.8	-	4.0	-	36.3
Machinery, equipment, and supplies.....	508	1,307.5	-	7.6	-	3.3	-	4.3	-	46.0
Miscellaneous durable goods.....	509	205.2	-	11.7	-	6.0	-	5.7	-	90.3

See footnotes at end of table.



Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	1980 annual average employment (in thousands) <sup>4/</sup>	Incidence rates per 100 full-time workers <sup>5/</sup>							
			Total cases <sup>6/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
			1979	1980	1979	1980	1979	1980	1979	1980
Wholesale trade—nondurable goods.....	51	2,159.0	9.1	8.7	4.5	4.5	4.5	4.2	68.7	69.5
Paper and paper products.....	511	151.5	-	8.1	-	3.9	-	4.2	-	57.8
Groceries and related products.....	514	673.6	-	13.3	-	7.1	-	6.2	-	106.4
Farm-product raw materials.....	515	n.a.	-	8.6	-	4.1	-	4.5	-	55.2
Petroleum and petroleum products.....	517	221.4	-	5.1	-	2.5	-	2.5	-	55.4
Beer, wine, and distilled beverages.....	518	138.0	-	12.3	-	6.7	-	5.5	-	103.6
Miscellaneous nondurable goods.....	519	385.6	-	6.3	-	2.9	-	3.4	-	52.3
Retail trade.....		15,104.0	7.7	7.1	3.1	2.9	4.6	4.2	44.7	44.5
Building materials and garden supplies.....	52	620.3	9.5	8.4	4.2	3.7	5.3	4.7	61.3	60.8
Lumber and other building materials.....	521	327.5	12.1	10.3	5.6	4.6	6.5	5.7	80.4	74.1
Hardware stores.....	525	149.6	-	5.6	-	2.1	-	3.4	-	25.9
Retail nurseries and garden stores.....	526	n.a.	-	5.3	-	2.4	-	2.9	-	42.1
Mobile home dealers.....	527	n.a.	-	6.0	-	4.3	-	1.7	-	144.2
General merchandise stores.....	53	2,254.7	9.8	9.3	4.2	4.0	5.6	5.3	55.9	52.2
Department stores.....	531	1,874.7	-	9.8	-	4.3	-	5.5	-	57.3
Variety stores.....	533	258.3	-	8.0	-	3.2	-	4.8	-	31.5
Food stores.....	54	2,386.2	11.7	10.6	5.1	4.7	6.6	5.9	82.3	76.0
Grocery stores.....	541	2,090.9	-	11.5	-	5.1	-	6.4	-	79.6
Automotive dealers and service stations.....	55	1,695.4	7.9	7.2	2.7	2.6	5.2	4.6	41.7	40.7
New and used car dealers.....	551	n.a.	-	9.1	-	2.7	-	6.4	-	39.7
Auto and home supply stores.....	553	262.5	-	8.3	-	3.8	-	4.5	-	59.3
Gasoline service stations.....	554	561.8	-	4.2	-	1.8	-	2.3	-	30.5
Apparel and accessory stores.....	56	961.1	2.6	2.2	.9	.9	1.7	1.3	16.2	13.5
Women's ready-to-wear stores.....	562	351.3	-	2.3	-	.9	-	1.4	-	15.7
Family clothing stores.....	565	181.6	-	3.8	-	1.5	-	2.3	-	23.7
Furniture and home furnishings stores.....	57	609.4	4.7	4.7	2.4	2.2	2.3	2.5	40.1	48.0
Furniture and home furnishing stores.....	571	377.5	-	5.5	-	2.5	-	3.0	-	42.8
Household appliance stores.....	572	83.0	-	5.0	-	3.0	-	2.0	-	124.9
Radio, television, and music stores.....	573	148.9	-	2.4	-	1.0	-	1.4	-	18.5
Eating and drinking places.....	58	4,666.1	7.6	6.9	2.8	2.6	4.8	4.3	32.4	30.5
Miscellaneous retail.....	59	1,910.9	3.8	3.5	1.6	1.7	2.2	1.8	25.1	37.9
Drug stores and proprietary stores.....	591	491.7	-	3.1	-	1.2	-	1.9	-	14.4
Nonstore retailers.....	596	273.6	-	6.7	-	3.4	-	3.3	-	49.4
Fuel and ice dealers.....	598	105.1	-	8.6	-	4.8	-	3.8	-	81.4
Finance, insurance, and real estate.....		5,168.0	2.1	2.0	.9	.8	1.2	1.1	13.3	12.2
Banking.....	60	1,570.0	1.7	1.5	.7	.6	1.0	.9	10.1	8.1
Commercial and stock savings banks.....	602	1,433.0	-	1.5	-	.6	-	.9	-	7.6
Trust companies, nondeposit.....	604	n.a.	-	1.1	-	.3	-	.8	-	.8
Credit agencies other than banks.....	61	567.6	1.3	1.1	.5	.5	.8	.6	5.2	6.4
Savings and loan associations.....	612	248.9	-	1.5	-	.6	-	.9	-	7.3
Security, commodity brokers, and services... Security brokers and dealers.....	62 621	223.0 180.7	1.1 -	.8 .6	.4 -	.3 .2	.7 -	.5 .4	3.8 -	3.1 2.6
Insurance carriers.....	63	1,224.3	2.0	1.7	.8	.7	1.2	1.0	10.3	10.8
Life insurance.....	631	529.7	-	1.5	-	.7	-	.8	-	13.2
Medical services and health insurance.....	632	142.5	-	2.6	-	.9	-	1.5	-	10.5
Fire, marine, and casualty insurance.....	633	479.2	-	2.2	-	.8	-	1.4	-	7.7
Insurance agents, brokers, and service.....	64	452.8	.8	.8	.3	.3	.5	.5	5.2	4.2
Real estate.....	65	992.7	4.7	4.4	2.3	2.2	2.4	2.2	34.9	32.8
Real estate operators and lessors.....	651	459.1	-	4.7	-	2.5	-	2.2	-	38.7
Subdividers and developers.....	655	134.2	-	8.6	-	3.8	-	4.8	-	57.4
Holding and other investment offices.....	67	116.3	-	1.7	-	.6	-	1.1	-	7.3
Services.....		17,581.9	5.5	5.2	2.5	2.3	3.0	2.9	38.1	35.8
Hotels and other lodging places.....	70	1,092.0	9.1	8.9	3.7	3.7	5.3	5.2	51.8	50.8
Hotels, motels, and tourist courts.....	701	1,054.0	-	9.1	-	3.8	-	5.3	-	51.8
Personal services.....	72	892.3	3.2	2.9	1.5	1.3	1.7	1.6	25.5	22.6
Laundry, cleaning, and garment services...	721	356.2	-	5.8	-	2.6	-	3.2	-	43.1
Business services.....	73	3,109.0	5.0	4.4	2.4	2.1	2.6	2.3	35.4	31.1
Services to buildings.....	734	495.8	-	6.0	-	2.8	-	3.2	-	38.6
Personnel supply services.....	736	564.4	-	7.2	-	3.6	-	3.6	-	49.5
Miscellaneous business services.....	739	n.a.	-	4.1	-	1.8	-	2.2	-	31.5
Auto repair, services, and garages.....	75	572.5	8.0	7.5	3.5	3.3	4.5	4.2	57.0	47.8
Automotive rentals, without drivers.....	751	n.a.	-	8.7	-	4.1	-	4.6	-	59.0
Automobile parking.....	752	n.a.	-	3.7	-	1.8	-	1.9	-	25.9
Automotive repair shops.....	753	349.9	-	7.7	-	3.2	-	4.5	-	45.3

See footnotes at end of table.



**Table 1. Continued—Occupational injury and illness incidence rates by industry, 1979<sup>1</sup> and 1980**

Industry 2/	SIC code 3/	1980 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	
			1979	1980	1979	1980	1979	1980	1979	1980
Miscellaneous repair services.....	76	288.7	9.3	8.8	4.2	4.2	5.1	4.6	70.8	63.8
Electrical repair shops.....	762	n.a.	-	6.2	-	3.1	-	3.1	-	45.1
Miscellaneous repair shops.....	769	n.a.	11.9	11.2	5.3	5.2	6.6	6.0	89.3	80.6
Motion pictures.....	78	216.0	5.2	4.7	1.6	1.6	3.6	3.1	27.5	31.6
Motion picture production and services....	781	79.1	-	5.9	-	2.0	-	3.9	-	30.9
Motion picture theaters.....	783	126.0	-	3.7	-	1.2	-	2.5	-	34.3
Amusement and recreation services.....	79	760.6	8.3	9.2	3.7	3.8	4.6	5.4	58.5	53.8
Bowling and billiard establishments.....	793	n.a.	-	3.3	-	1.3	-	1.9	-	18.3
Miscellaneous amusement, recreation services.....	799	n.a.	-	8.4	-	3.5	-	4.9	-	44.6
Health services.....	80	5,271.6	6.8	6.4	3.2	3.1	3.6	3.3	49.9	47.4
Nursing and personal care facilities.....	805	1,002.7	-	10.7	-	5.6	-	5.1	-	85.5
Hospitals.....	806	2,744.9	-	7.9	-	3.6	-	4.3	-	56.2
Medical and dental laboratories.....	807	n.a.	-	1.7	-	.5	-	1.2	-	3.5
Legal services.....	81	499.3	-	.4	-	.2	-	.2	-	-
Educational services.....	82	1,128.1	3.3	3.3	1.3	1.4	2.0	1.9	17.2	18.6
Colleges and universities.....	822	719.6	-	4.0	-	1.7	-	2.3	-	22.9
Social services.....	83	1,145.2	5.9	5.1	2.5	2.2	3.4	2.9	41.5	32.3
Individual and family services.....	832	n.a.	-	3.7	-	1.6	-	2.0	-	26.8
Job training and related services.....	833	n.a.	-	7.6	-	3.4	-	4.2	-	39.2
Residential care.....	836	n.a.	-	8.3	-	3.4	-	4.9	-	45.4
Social services, n.e.c.....	839	n.a.	-	4.5	-	2.1	-	2.4	-	36.7
Museums, botanical, zoological gardens.....	84	n.a.	6.8	7.5	2.7	3.3	4.1	4.1	26.5	35.4
Museums and art galleries.....	841	n.a.	-	5.2	-	2.3	-	2.9	-	27.6
Botanical and zoological gardens.....	842	n.a.	-	17.2	-	7.8	-	9.4	-	68.2
Membership organizations.....	86	1,555.5	-	3.4	-	1.0	-	2.4	-	24.6
Civic and social associations.....	864	n.a.	-	4.3	-	1.8	-	2.5	-	35.5
Miscellaneous services.....	89	995.8	2.2	1.6	.8	.7	1.3	.9	11.1	10.8
Engineering and architectural services....	891	543.8	-	2.1	-	.9	-	1.2	-	14.3
Noncommercial research organizations.....	892	n.a.	-	2.3	-	1.0	-	1.3	-	14.5
Accounting, auditing, and bookkeeping....	893	319.6	-	.6	-	.2	-	.4	-	4.0

<sup>1</sup> To maintain the comparability of the 1979 survey data with the data published in previous years and with 1980, 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.

<sup>2</sup> Totals for divisions and 2- and 3-digit SIC codes include data for industries not shown separately.

<sup>3</sup> Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.

<sup>4</sup> Annual average employment for nonagricultural industries is based on the employment and earnings survey conducted by BLS, in cooperation with the State agencies. The employment estimates for the services division is adjusted to exclude the nonfarm portion of agricultural services and 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 farmworkers engaged in agricultural production provided by the 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.

<sup>5</sup> The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as: (N/EK) 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).

<sup>6</sup> 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 do not reflect the fatality rate.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> 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, Department of Labor, and by the Federal Railroad Administration, Department of Transportation. Data for some independent contractors who perform services or construction on mining sites are also included.

n.e.c. = not elsewhere classified.

n.a. = data not available.

NOTE: Dashes indicate data that do not meet publication guidelines, or the data were not generated.



**Table 2. Number of occupational injuries and illnesses and lost workdays by industry division, 1979<sup>1</sup> and 1980**

(In thousands)

Industry division	Total cases <sup>2/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
	1979	1980	1979	1980	1979	1980	1979	1980
<b>INJURIES AND ILLNESSES</b>								
Private sector <sup>3/</sup> .....	6,105.7	5,605.8	2,757.7	2,539.9	3,342.3	3,060.4	43,576.5	41,816.9
Agriculture, forestry, and fishing <sup>3/</sup> .....	66.0	83.5	32.2	40.4	33.7	42.9	473.9	578.8
Mining <sup>4/</sup> .....	108.4	114.9	64.4	66.9	43.5	47.6	1,434.5	1,683.0
Construction.....	620.4	588.1	261.9	245.2	357.4	341.8	4,606.5	4,385.5
Manufacturing.....	2,681.9	2,354.2	1,186.0	1,038.7	1,494.9	1,314.4	18,211.1	16,745.8
Transportation and public utilities.....	487.3	452.8	285.9	266.5	200.3	185.4	5,196.1	5,044.7
Wholesale and retail trade.....	1,325.6	1,210.8	561.8	526.0	762.8	684.0	8,075.0	7,931.7
Wholesale trade.....	434.5	407.0	202.4	193.7	231.6	212.7	2,924.6	2,892.0
Retail trade.....	891.1	803.8	359.3	332.3	531.2	471.3	5,150.4	5,038.7
Finance, insurance, and real estate.....	94.5	89.6	41.3	38.8	53.0	50.5	584.8	558.6
Services.....	721.4	711.7	324.2	317.4	396.8	393.8	4,994.6	4,888.8
<b>INJURIES</b>								
Private sector <sup>3/</sup> .....	5,956.8	5,475.6	2,701.4	2,491.0	3,250.4	2,979.8	42,636.9	40,894.9
Agriculture, forestry, and fishing <sup>3/</sup> .....	62.8	79.3	31.4	39.3	31.3	39.9	462.5	569.4
Mining <sup>4/</sup> .....	106.9	113.5	63.9	66.2	42.5	46.8	1,428.1	1,674.5
Construction.....	611.8	580.3	258.9	242.6	351.8	336.7	4,562.4	4,351.8
Manufacturing.....	2,594.6	2,278.1	1,152.7	1,009.5	1,440.9	1,267.6	17,630.6	16,222.3
Transportation and public utilities.....	479.0	444.8	282.3	263.0	195.6	181.0	5,152.1	4,986.7
Wholesale and retail trade.....	1,309.8	1,198.7	555.9	521.3	752.9	676.7	7,967.1	7,834.8
Wholesale trade.....	429.0	401.7	200.3	191.1	228.2	210.0	2,878.4	2,837.8
Retail trade.....	880.8	797.0	355.6	330.2	524.8	466.7	5,088.7	4,997.0
Finance, insurance, and real estate.....	92.5	88.2	40.5	38.1	51.9	49.8	566.7	533.2
Services.....	699.5	692.8	315.7	311.1	383.4	381.4	4,867.5	4,722.2
<b>ILLNESSES</b>								
Private sector <sup>3/</sup> .....	148.9	130.2	56.4	48.9	92.0	80.6	939.6	922.0
Agriculture, forestry, and fishing <sup>3/</sup> .....	3.2	4.2	.9	1.1	2.3	3.0	11.4	9.5
Mining <sup>4/</sup> .....	1.6	1.5	.5	.6	1.0	.8	6.4	8.5
Construction.....	8.7	7.8	3.0	2.7	5.5	5.1	44.2	33.8
Manufacturing.....	87.4	76.1	33.3	29.2	54.0	46.8	580.5	523.5
Transportation and public utilities.....	8.4	8.0	3.6	3.5	4.7	4.5	44.0	58.0
Wholesale and retail trade.....	15.8	12.2	5.8	4.7	9.9	7.4	107.9	96.8
Wholesale trade.....	5.5	5.4	2.1	2.6	3.4	2.7	46.2	55.2
Retail trade.....	10.3	6.8	3.7	2.1	6.5	4.6	61.7	41.6
Finance, insurance, and real estate.....	2.0	1.5	.8	.7	1.1	.7	18.1	25.4
Services.....	21.9	19.0	8.5	6.4	13.4	12.4	127.1	166.6

<sup>1</sup> To maintain the comparability of the 1979 survey data with the data published in previous years and with 1980, 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.

<sup>2</sup> Includes fatalities.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for some independent contractors who perform services or construction on mining sites are also included.

NOTE: Because of rounding, components may not add to the totals, and the difference between the total and the lost workday cases and nonfatal cases without lost workdays may not be equal to the fatality estimates.

Table 3. Number of occupational injuries and illnesses by industry, 1980

Industry <u>1/</u>	SIC code <u>2/</u>	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 <u>3/</u> .....		5,605.8	2,539.9	16	5,475.6	2,491.0	16	130.2	48.9	19
Agriculture, forestry, and fishing <u>3/</u> .....		83.5	40.4	14	79.3	39.3	14	4.2	1.1	8
Agricultural production <u>3/</u> .....	01-02	53.1	25.4	14	50.6	24.7	14	2.5	.6	9
Agricultural services.....	07	28.3	14.1	15	26.9	13.7	15	1.4	.4	6
Forestry.....	08	1.5	.8	18	1.4	.7	28	.2	.1	16
Fishing, hunting, and trapping.....	09	.5	.2	28	.5	.2	28	(5)	-	-
Mining.....		114.9	66.9	25	113.5	66.2	25	1.5	.6	13
Metal mining <u>4/</u> .....	10	7.7	4.7	24	7.5	4.6	24	.1	.1	17
Anthracite mining <u>4/</u> .....	11	.4	.2	33	.4	.2	33	(5)	(5)	53
Bituminous coal and lignite mining <u>4/</u> ...	12	22.5	18.4	31	22.1	18.3	31	.4	.1	16
Oil and gas extraction.....	13	76.5	38.3	23	75.8	37.9	23	.7	.4	10
Nonmetallic minerals, except fuels <u>4/</u> ...	14	7.9	5.3	25	7.7	5.2	25	.2	.1	19
Construction.....		588.1	245.2	18	580.3	242.6	18	7.8	2.7	13
General building contractors.....	15	156.1	65.0	17	154.5	64.4	18	1.6	.6	15
Heavy construction contractors.....	16	139.9	54.1	19	137.2	53.5	19	2.6	.6	12
Special trade contractors.....	17	292.1	126.2	18	288.6	124.8	18	3.6	1.4	12
Manufacturing.....		2,354.2	1,038.7	16	2,278.1	1,009.5	16	76.1	29.2	18
Durable goods.....		1,513.1	659.8	16	1,463.4	641.6	16	49.7	18.2	19
Lumber and wood products.....	24	116.4	59.4	18	114.9	58.8	18	1.4	.6	19
Furniture and fixtures.....	25	68.8	28.3	15	67.3	27.7	15	1.5	.6	22
Stone, clay, and glass products.....	32	96.5	45.8	18	94.1	45.0	18	2.5	.8	18
Primary metal industries.....	33	165.3	76.8	18	160.9	75.3	18	4.4	1.5	28
Fabricated metal products.....	34	286.5	123.5	15	278.7	120.7	15	7.8	2.8	14
Machinery, except electrical.....	35	332.0	133.4	15	322.9	130.1	15	9.1	3.3	19
Electric and electronic equipment.....	36	162.8	66.4	16	153.1	62.6	15	9.6	3.8	22
Transportation equipment.....	37	196.6	90.5	17	187.8	87.7	17	8.9	2.9	16
Instruments and related products.....	38	46.1	18.6	15	43.4	17.4	15	2.8	1.2	19
Miscellaneous manufacturing industries..	39	42.0	17.0	15	40.4	16.3	15	1.6	.7	21
Nondurable goods.....		941.1	378.9	16	814.7	367.9	16	26.4	11.0	16
Food and kindred products.....	20	307.4	148.3	15	296.5	142.8	15	11.0	5.5	15
Tobacco manufactures.....	21	4.9	2.3	12	4.8	2.2	12	(5)	(5)	18
Textile mill products.....	22	74.1	26.9	19	72.8	26.5	19	1.3	.4	22
Apparel and other textile products.....	23	71.1	24.7	16	69.4	24.2	15	1.7	.5	20
Paper and allied products.....	26	87.1	39.9	19	85.7	29.3	19	1.5	.6	20
Printing and publishing.....	27	76.3	34.0	15	74.7	33.5	15	1.6	.5	19
Chemicals and allied products.....	28	74.5	34.3	16	70.0	32.7	16	4.5	1.6	11
Petroleum and coal products.....	29	14.1	6.9	17	13.7	6.8	17	.4	.1	15
Rubber and miscellaneous plastics products.....	30	107.2	51.2	16	104.0	50.0	16	3.2	1.2	20
Leather and leather products.....	31	24.4	10.4	17	23.2	9.9	16	1.2	.6	19
Transportation and public utilities.....		452.8	266.5	19	444.8	263.0	19	8.0	3.5	16
Railroad transportation <u>4/</u> .....	40	56.8	37.0	15	55.1	36.1	15	1.7	.9	8
Local and interurban passenger transit..	41	19.3	10.6	18	19.0	10.5	18	.3	.1	19
Trucking and warehousing.....	42	180.8	108.9	21	179.4	108.2	21	1.4	.7	38
Water transportation.....	44	27.1	16.1	36	26.5	15.8	36	.6	.2	21
Transportation by air.....	45	54.2	33.4	13	53.3	32.7	13	.9	.7	8
Pipelines, except natural gas.....	46	1.1	.4	18	1.1	.4	18	.4	(5)	25
Transportation services.....	47	8.4	4.4	16	8.3	4.4	16	.1	-	-
Communication.....	48	36.3	20.9	18	35.1	20.5	18	1.2	.4	16
Electric, gas, and sanitary services....	49	68.8	34.9	16	67.1	34.4	16	1.7	.5	12
Wholesale and retail trade.....		1,210.8	526.0	15	1,198.7	521.3	15	12.2	4.7	21
Wholesale trade.....		407.0	193.7	15	401.7	191.1	15	5.4	2.6	22
Wholesale trade--durable goods.....	50	232.8	104.8	14	230.6	103.7	14	2.2	1.1	12
Wholesale trade--nondurable goods.....	51	174.2	88.9	16	171.0	87.4	15	3.2	1.5	28
Retail trade.....		803.8	332.3	15	797.0	330.2	15	6.8	2.1	20
Building materials and garden supplies..	52	47.6	20.8	16	47.4	20.8	16	.2	-	-
General merchandise stores.....	53	150.4	64.6	13	149.4	64.2	13	.9	.3	8
Food stores.....	54	188.0	83.5	16	187.1	83.3	16	.9	.3	15
Automotive dealers and service stations.	55	115.5	41.8	16	114.6	41.4	16	.9	.4	21
Apparel and accessory stores.....	56	15.4	6.0	16	15.2	6.0	16	.2	-	-
Furniture and home furnishings stores...	57	24.7	11.6	22	24.5	11.5	22	.2	-	-
Eating and drinking places.....	58	209.9	79.5	12	207.0	78.7	12	2.9	-	-
Miscellaneous retail.....	59	52.3	24.5	23	51.8	24.4	23	-	-	-

See footnotes at end of table.



Table 3. Continued—Number of occupational injuries and illnesses by industry, 1980

Industry <u>1/</u>	SIC code <u>2/</u>	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.....		89.6	38.8	14	88.2	38.1	14	1.5	0.7	36
Banking.....	60	21.9	8.7	13	21.5	8.6	13	.3	.1	34
Credit agencies other than banks.....	61	5.4	2.4	13	5.4	2.4	12	.1	.1	76
Security, commodity brokers, and services.....	62	1.7	.6	11	1.7	.6	11	-	-	-
Insurance carriers.....	63	21.2	8.3	14	20.8	8.0	15	.4	.3	11
Insurance agents, brokers, and service..	64	3.2	1.1	15	3.1	1.1	14	-	-	-
Real estate.....	65	34.5	17.0	15	34.0	16.7	15	.5	-	-
Holding and other investment offices....	67	1.6	.6	12	1.6	.6	12	(5)	(5)	7
Services.....		711.7	317.4	15	692.8	311.1	15	19.0	6.4	26
Hotels and other lodging places.....	70	74.7	31.2	14	73.3	30.8	14	1.3	.4	10
Personal services.....	72	19.7	9.1	17	19.1	8.9	17	.7	.2	13
Business services.....	73	107.0	50.7	15	104.2	50.1	15	2.8	-	-
Auto repair, services, and garages.....	75	38.7	17.0	14	38.4	17.0	14	.3	-	-
Miscellaneous repair services.....	76	22.9	10.9	15	22.4	10.7	15	.5	.2	16
Motion pictures.....	78	6.9	2.3	20	6.6	2.3	20	.3	(5)	36
Amusement and recreation services.....	79	47.0	19.2	14	46.4	19.0	14	.6	.2	11
Health services.....	80	270.9	129.0	16	262.5	126.1	15	8.4	2.9	17
Legal services.....	81	1.9	.8	39	1.7	.8	39	.2	-	-
Educational services.....	82	26.7	11.2	13	26.1	11.0	13	.6	.2	10
Social services.....	83	43.6	18.5	15	43.0	18.2	15	.6	.3	12
Museums, botanical, zoological gardens..	84	1.9	.9	11	1.9	.9	11	(5)	-	-
Membership organizations.....	86	35.0	10.2	24	33.0	9.1	18	1.9	1.1	82
Miscellaneous services.....	89	14.8	6.2	16	14.1	6.0	16	.7	.2	9

<sup>1</sup> Industry division totals include data for industries not shown separately.

<sup>2</sup> Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> 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, Department of Labor, and by the Federal Railroad Administration, Department of Transportation.

<sup>5</sup> Estimates of fewer than 50 cases.

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

Table 4. Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Private sector <sup>6/</sup> .....		9.2	8.5	4.2	3.9	5.0	4.6	66.2	63.7
Agriculture, forestry, and fishing <sup>6/</sup> .....		11.1	11.3	5.5	5.6	5.5	5.7	81.7	81.3
Agricultural production <sup>6/</sup> .....	01-02	12.4	12.5	6.2	6.1	6.2	6.4	83.2	84.6
Agricultural services.....	07	10.0	10.0	5.0	5.1	5.0	4.9	81.8	76.9
Forestry.....	08	10.0	9.0	4.8	4.6	5.1	4.4	78.5	82.5
Fishing, hunting, and trapping.....	09	3.9	5.0	2.1	2.2	1.7	2.7	46.1	63.5
Mining.....		11.2	11.0	6.7	6.4	4.5	4.5	149.8	162.8
Metal mining <sup>7/</sup> .....	10	10.0	8.8	5.9	5.4	4.1	3.4	117.2	127.7
Anthracite mining <sup>7/</sup> .....	11	18.3	13.6	10.9	8.4	7.4	5.0	266.6	274.8
Bituminous coal and lignite mining <sup>7/</sup> .....	12	10.2	9.9	8.2	8.2	1.9	1.6	205.4	251.5
Oil and gas extraction.....	13	13.4	13.3	6.9	6.6	6.5	6.6	150.6	152.0
Crude petroleum and natural gas.....	131	5.4	3.7	3.2	1.7	2.2	2.0	52.9	31.2
Natural gas liquids.....	132	-	4.5	-	1.4	-	3.0	-	19.2
Oil and gas field services.....	138	18.7	19.1	9.4	9.7	9.2	9.4	214.7	226.8
Nonmetallic minerals, except fuels <sup>7/</sup> .....	14	6.3	5.3	4.1	3.6	2.1	1.7	80.8	87.7
Construction.....		16.0	15.5	6.8	6.5	9.2	9.0	119.2	116.1
General building contractors.....	15	16.1	15.4	6.7	6.4	9.4	8.9	110.3	112.1
Residential building construction.....	152	12.9	11.8	6.0	5.7	6.8	6.1	107.3	99.6
Operative builders.....	153	15.5	12.3	6.8	5.2	8.7	7.1	84.1	74.1
Nonresidential building construction.....	154	19.5	19.2	7.4	7.2	12.0	11.9	117.1	128.9
Heavy construction contractors.....	16	16.3	16.0	6.6	6.2	9.7	9.7	121.8	116.8
Highway and street construction.....	161	15.2	15.4	6.2	6.1	9.0	9.2	121.7	122.0
Heavy construction, except highway.....	162	16.7	16.2	6.8	6.3	9.9	9.9	80.4	114.6
Special trade contractors.....	17	15.8	15.3	6.9	6.6	8.9	8.7	123.0	117.9
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	16.8 9.3 13.9 16.2 13.9 22.1 13.5 15.0 17.2	16.1 9.5 14.1 15.9 12.6 20.5 14.5 15.5 16.0	6.1 5.1 5.3 7.6 7.4 12.0 6.8 8.5 7.5	6.1 5.0 5.1 7.6 6.9 11.2 6.9 8.4 7.3	5.8 4.2 8.6 8.6 6.5 10.0 6.7 6.5 9.6	10.3 4.5 9.0 8.3 5.7 9.2 7.6 7.1 8.7	96.7 102.6 91.4 131.2 143.5 217.4 121.9 165.0 151.7	94.8 114.3 85.5 135.9 115.0 216.0 118.5 143.1 133.9
Manufacturing.....		12.8	11.8	5.7	5.2	7.1	6.6	87.3	84.0
Durable goods.....		13.7	12.5	6.1	5.5	7.6	7.0	92.0	87.9
Lumber and wood products.....	24	20.4	18.4	10.7	9.4	9.7	8.9	174.1	170.0
Logging camps and logging contractors.....	241	24.0	22.4	14.7	13.8	9.1	8.5	310.4	338.1
Sawmills and planing mills.....	242	19.2	17.6	10.3	9.7	8.8	7.9	176.9	178.7
Sawmills and planing mills, general.....	2421	18.7	17.3	10.2	9.7	8.5	7.6	179.1	180.4
Hardwood dimension and flooring.....	2426	19.9	17.6	9.6	8.4	10.3	9.2	141.4	136.0
Special product sawmills, n.e.c.....	2429	31.9	27.7	18.4	17.0	13.5	10.7	308.0	380.0
Millwork, plywood, and structural members.....	243	18.3	16.8	9.4	7.9	8.8	8.9	147.2	126.5
Millwork.....	2431	20.3	18.1	9.5	7.7	10.8	10.3	135.2	116.6
Wood kitchen cabinets.....	2434	17.3	16.4	8.9	7.6	8.4	8.8	117.1	115.1
Hardwood veneer and plywood.....	2435	17.8	17.5	8.4	8.3	9.4	9.2	141.6	126.2
Softwood veneer and plywood.....	2436	13.9	12.2	8.5	7.2	5.3	5.0	179.6	146.1
Structural wood members, n.e.c.....	2439	26.5	24.0	15.1	11.4	11.4	12.6	199.1	154.0
Wood containers.....	244	21.2	17.0	11.4	9.0	9.7	8.0	171.1	150.0
Nailed wood boxes and shooks.....	2441	19.8	19.8	11.0	10.0	8.8	9.8	183.6	152.5
Wood pallets and skids.....	2448	22.3	16.9	12.3	9.1	10.0	7.8	177.7	162.0
Wood containers, n.e.c.....	2449	19.5	15.0	9.8	7.8	9.7	7.1	145.8	120.3
Wood buildings and mobile homes.....	245	29.6	25.5	13.8	10.9	15.8	14.6	175.1	159.4
Mobile homes.....	2451	31.3	27.2	14.5	11.3	16.8	15.9	188.3	172.2
Prefabricated wood buildings.....	2452	25.8	21.4	12.2	9.9	13.6	11.4	145.3	128.9
Miscellaneous wood products.....	249	17.4	15.8	8.0	7.5	9.4	8.3	118.9	122.6
Wood preserving.....	2491	17.8	18.1	8.2	8.2	9.6	9.9	145.8	141.4
Particleboard.....	2492	10.8	11.0	4.6	4.6	6.2	6.4	100.1	124.4
Wood products, n.e.c.....	2499	18.1	15.9	8.3	7.8	9.7	8.1	115.1	118.0

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979' and 1980

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	
		1979	1980	1979	1980	1979	1980	1979	1980
Furniture and fixtures.....	25	17.2	15.6	7.0	6.4	10.2	9.2	97.2	94.6
Household furniture.....	251	15.6	14.3	6.3	5.8	9.2	8.5	88.1	86.0
Wood household furniture.....	2511	15.0	14.2	5.9	5.6	9.1	8.5	84.3	80.7
Upholstered household furniture.....	2512	15.3	13.3	6.1	5.0	9.2	8.3	79.9	76.9
Metal household furniture.....	2514	16.6	15.1	7.3	6.1	9.3	9.0	102.2	89.8
Mattresses and bedsprings.....	2515	18.9	17.8	8.6	8.0	10.3	9.8	123.8	107.3
Wood TV and radio cabinets.....	2517	12.2	13.3	4.9	5.5	7.3	7.8	67.1	164.3
Household furniture, n.e.c.....	2519	18.2	15.4	9.0	7.6	9.2	7.8	103.6	107.4
Office furniture.....	252	22.4	18.3	9.2	8.2	13.2	10.0	134.9	122.0
Wood office furniture.....	2521	22.0	16.5	8.5	7.1	13.5	9.4	125.8	105.8
Metal office furniture.....	2522	22.6	19.4	9.5	8.9	13.1	10.4	139.7	132.1
Public building and related furniture.....	253	20.7	20.0	8.0	7.6	12.7	12.4	128.8	136.4
Partitions and fixtures.....	254	19.9	18.1	8.5	8.1	11.4	10.0	104.6	109.0
Wood partitions and fixtures.....	2541	18.9	17.8	7.9	8.2	10.9	9.6	100.6	110.3
Metal partitions and fixtures.....	2542	21.1	18.4	9.0	8.1	12.1	10.3	108.9	107.5
Miscellaneous furniture and fixtures.....	259	17.1	14.5	6.3	5.4	10.8	9.1	86.9	65.8
Drapery hardware and blinds and shades..	2591	15.1	13.3	6.2	5.1	8.9	8.2	86.0	62.9
Furniture and fixtures, n.e.c.....	2599	19.8	16.2	6.4	5.9	13.4	10.3	88.2	69.8
Stone, clay, and glass products.....	32	16.3	14.7	7.9	7.0	8.4	7.6	130.9	125.8
Flat glass.....	321	15.2	16.7	5.7	6.2	9.4	10.4	110.0	112.8
Glass and glassware, pressed or blown....	322	14.4	14.3	7.7	7.7	6.7	6.6	137.4	139.6
Glass containers.....	3221	15.5	15.4	8.9	9.1	6.6	6.3	169.3	175.7
Pressed and blown glass, n.e.c.....	3229	12.9	12.9	6.2	5.9	6.7	7.0	96.5	94.5
Products of purchased glass.....	323	19.5	17.2	7.0	6.5	12.5	10.7	106.2	97.3
Structural clay products.....	325	19.9	16.0	9.5	7.2	10.3	8.7	137.0	129.3
Brick and structural clay tile.....	3251	22.3	17.8	11.0	8.1	11.2	9.7	146.3	123.7
Ceramic wall and floor tile.....	3253	18.8	13.9	7.2	5.1	11.6	8.8	92.2	103.7
Clay refractories.....	3255	14.8	14.1	7.8	7.0	7.0	7.1	141.1	151.0
Structural clay products, n.e.c.....	3259	24.6	17.7	12.0	8.3	12.6	9.4	169.5	139.8
Pottery and related products.....	326	16.4	14.5	8.4	8.0	8.0	6.5	125.9	143.3
Vitreous plumbing fixtures.....	3261	26.8	22.5	14.1	13.7	12.7	8.8	179.4	220.4
Vitreous china food utensils.....	3262	14.7	13.2	8.3	8.1	6.4	5.1	144.9	216.9
Fine earthenware food utensils.....	3263	13.1	11.9	7.1	6.0	6.0	5.9	120.3	115.6
Porcelain electrical supplies.....	3264	13.6	13.8	5.7	6.6	7.9	7.2	104.4	121.0
Pottery products, n.e.c.....	3269	11.8	9.0	6.4	4.7	5.4	4.3	94.8	70.1
Concrete, gypsum, and plaster products....	327	17.5	15.6	8.3	7.2	9.2	8.4	138.3	128.3
Concrete block and brick.....	3271	18.2	15.5	8.7	7.5	9.5	8.0	153.2	146.5
Concrete products, n.e.c.....	3272	24.1	21.8	11.9	10.2	12.2	11.5	178.3	156.2
Ready-mixed concrete.....	3273	14.9	13.6	6.8	6.1	8.1	7.4	121.5	122.8
Lime.....	3274	8.9	7.8	5.7	4.5	3.1	3.2	111.6	95.0
Gypsum products.....	3275	7.0	5.5	2.5	2.0	4.5	3.4	60.1	37.6
Cut stone and stone products.....	328	14.2	14.3	6.5	7.2	7.7	7.1	97.0	114.6
Miscellaneous nonmetallic mineral products.....	329	15.8	13.8	7.9	6.7	7.9	7.1	134.5	121.8
Abrasive products.....	3291	20.0	19.1	9.8	9.2	10.2	9.9	162.8	182.9
Asbestos products.....	3292	17.0	14.3	9.3	7.3	7.7	7.0	166.3	129.7
Gaskets, packing, and sealing devices..	3293	15.2	13.3	6.3	5.8	8.8	7.5	87.3	97.7
Mineral wool.....	3296	10.2	9.2	5.9	5.2	4.3	4.0	97.4	93.3
Nonclay refractories.....	3297	20.3	18.0	10.8	9.0	9.5	8.9	212.9	156.1
Nonmetallic mineral products, n.e.c.....	3299	10.8	6.3	5.5	2.7	5.3	3.6	79.4	21.7
Primary metal industries.....	33	16.9	14.8	7.9	6.9	8.9	7.9	130.7	124.5
Blast furnace and basic steel products....	331	12.3	10.9	4.9	4.4	7.4	6.5	98.3	94.7
Blast furnaces and steel mills.....	3312	10.4	9.1	3.7	3.3	6.7	5.8	84.8	80.1
Electrometallurgical products.....	3313	13.1	12.7	6.6	7.1	6.5	5.6	126.3	142.3
Steel wire and related products.....	3315	21.3	21.1	10.7	10.0	10.5	11.1	159.8	169.2
Cold finishing of steel shapes.....	3316	28.0	23.3	13.3	10.8	14.7	12.5	225.5	191.9
Steel pipe and tubes.....	3317	22.9	22.0	11.0	10.2	11.9	11.8	155.7	169.4
Iron and steel foundries.....	332	25.7	23.3	12.8	11.3	12.8	12.0	182.8	180.5
Gray iron foundries.....	3321	24.9	22.9	12.4	10.9	12.5	12.0	168.4	169.3
Malleable iron foundries.....	3322	26.4	20.2	11.3	8.9	15.1	11.3	172.9	139.1
Steel investment foundries.....	3324	21.1	20.1	9.3	9.3	11.8	10.8	108.3	129.2
Steel foundries, n.e.c.....	3325	28.3	25.7	15.1	13.1	13.2	12.6	238.2	227.4

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Primary nonferrous metals.....	333	14.8	11.9	8.1	6.7	6.6	5.2	123.4	120.1
Primary copper.....	3331	10.1	9.5	4.9	4.8	5.2	4.7	107.3	111.9
Primary lead.....	3332	22.1	23.6	11.2	11.6	10.9	12.0	154.0	158.1
Primary zinc.....	3333	18.2	13.2	11.3	8.9	6.9	4.3	214.1	177.1
Primary aluminum.....	3334	14.4	10.9	8.3	6.2	6.0	4.6	114.5	114.2
Primary nonferrous metals, n.e.c.....	3339	16.8	13.7	8.2	7.4	8.6	6.3	119.9	115.2
Secondary nonferrous metals.....	334	27.1	21.2	15.8	12.1	11.2	9.0	231.5	208.2
Nonferrous rolling and drawing.....	335	15.2	12.7	7.5	6.3	7.7	6.4	126.2	114.6
Copper rolling and drawing.....	3351	18.1	15.7	9.1	7.9	8.9	7.8	160.7	158.6
Aluminum sheet, plate, and foil.....	3353	10.4	8.6	4.4	3.3	6.0	5.3	68.4	57.6
Aluminum extruded products.....	3354	17.7	13.7	8.7	6.7	8.9	7.0	161.4	119.9
Aluminum rolling and drawing, n.e.c.....	3355	12.6	11.2	6.1	4.7	6.5	6.5	82.0	87.4
Nonferrous rolling and drawing, n.e.c....	3356	13.9	12.8	6.9	5.8	7.0	7.0	123.0	100.1
Nonferrous wire drawing and insulating..	3357	15.7	13.0	8.0	7.1	7.6	5.9	127.3	125.4
Nonferrous foundries.....	336	23.0	20.8	11.8	10.7	11.2	10.1	175.4	157.9
Aluminum foundries.....	3361	23.1	20.1	12.1	10.4	11.0	9.6	172.4	147.3
Brass, bronze, and copper foundries.....	3362	24.1	25.3	12.0	13.1	12.1	12.2	191.0	188.3
Nonferrous foundries, n.e.c.....	3369	21.7	18.3	10.9	9.0	10.8	9.3	169.3	155.4
Miscellaneous primary metal products.....	339	21.5	19.5	10.8	9.3	10.7	10.1	148.9	143.5
Metal heat treating.....	3398	24.1	20.1	12.7	10.6	11.4	9.5	165.2	156.9
Primary metal products, n.e.c.....	3399	18.4	18.8	8.6	7.9	9.8	10.8	129.0	128.0
Fabricated metal products.....	34	19.4	18.0	8.5	7.8	10.8	10.2	121.3	115.8
Metal cans and shipping containers.....	341	18.4	18.1	7.9	7.4	10.5	10.7	124.4	130.2
Metal cans.....	3411	17.4	16.8	7.3	6.8	10.1	10.0	116.8	120.9
Metal barrels, drums, and pails.....	3412	23.3	24.1	10.8	10.3	12.5	13.8	159.9	175.5
Cutlery, handtools, and hardware.....	342	16.5	15.0	7.3	6.4	9.2	8.6	109.6	99.2
Cutlery.....	3421	14.3	13.2	5.2	5.5	9.1	7.7	65.6	80.9
Hand and edge tools, n.e.c.....	3423	18.4	16.9	8.2	7.3	10.2	9.5	125.0	112.8
Handsaws and saw blades.....	3425	16.4	16.8	7.0	7.6	9.4	9.2	98.4	134.9
Hardware, n.e.c.....	3429	15.8	14.1	7.1	6.0	8.6	8.1	109.3	91.3
Plumbing and heating, except electric....	343	18.7	18.7	8.0	8.1	10.7	10.6	113.5	114.4
Metal sanitary ware.....	3431	17.4	20.1	7.3	8.6	10.1	11.5	94.6	115.6
Plumbing fittings and brass goods.....	3432	15.3	14.3	7.0	5.6	8.3	8.7	113.0	93.6
Heating equipment, except electric.....	3433	21.9	21.2	9.1	9.5	12.8	11.7	120.2	127.9
Fabricated structural metal products.....	344	23.3	22.0	10.3	9.5	13.0	12.5	141.7	136.5
Fabricated structural metal.....	3441	26.8	27.3	12.9	12.7	13.9	14.6	186.0	181.5
Metal doors, sash, and trim.....	3442	22.0	20.7	8.4	8.1	13.6	12.6	117.1	122.2
Fabricated plate work.....	3443	22.2	20.4	9.9	9.0	12.3	11.4	133.5	129.7
Sheet-metal work.....	3444	23.5	21.7	10.0	8.9	13.5	12.8	130.8	124.5
Architectural metal work.....	3446	20.0	19.2	9.0	8.8	11.0	10.4	134.6	112.8
Prefabricated metal buildings.....	3448	21.7	19.5	9.4	7.9	12.3	11.6	126.9	108.2
Screw machine products, bolts, etc.....	345	17.0	15.0	6.7	5.9	10.3	9.1	86.4	84.8
Screw machine products.....	3451	16.9	14.3	6.3	5.3	10.6	9.0	81.1	65.7
Bolts, nuts, rivets, and washers.....	3452	17.1	15.5	7.0	6.3	10.1	9.2	91.2	101.7
Metal forgings and stampings.....	346	18.4	16.5	8.3	7.3	10.0	9.2	124.9	117.2
Iron and steel forgings.....	3462	26.7	24.4	14.1	13.3	12.5	11.0	205.8	220.9
Nonferrous forgings.....	3463	16.8	20.2	9.7	11.1	7.0	9.1	158.6	163.4
Automotive stampings.....	3465	12.0	9.2	5.2	3.8	6.8	5.4	80.5	63.7
Crowns and closures.....	3466	12.6	13.5	6.3	6.3	6.3	7.2	83.7	105.7
Metal stampings, n.e.c.....	3469	20.9	19.1	8.6	7.5	12.3	11.6	130.1	115.7
Metal services, n.e.c.....	347	17.6	16.4	8.5	7.3	9.1	9.1	114.3	106.1
Plating and polishing.....	3471	17.5	15.3	8.2	6.8	9.3	8.5	107.9	93.7
Metal coating and allied services.....	3479	17.9	18.8	9.0	8.3	8.9	10.4	128.0	132.9
Ordnance and accessories, n.e.c.....	348	7.9	8.7	3.7	4.4	4.2	4.3	56.1	68.9
Small arms ammunition.....	3482	5.5	6.2	2.8	2.9	2.7	3.3	45.9	41.6
Ammunition, except for small arms, n.e.c.....	3483	7.2	7.9	3.2	4.1	4.0	3.8	52.0	72.2
Small arms.....	3484	12.2	13.5	5.7	7.1	6.5	6.4	82.8	99.7
Ordnance and accessories, n.e.c.....	3489	5.8	5.6	2.9	2.5	2.9	3.0	38.1	39.1
Miscellaneous fabricated metal products...	349	20.0	17.8	8.6	7.8	11.4	10.0	120.2	108.7
Steel springs, except wire.....	3493	25.4	20.4	12.3	10.8	13.1	9.6	194.2	142.1
Valves and pipe fittings.....	3494	19.2	17.3	8.1	7.6	11.0	9.6	110.3	101.1
Wire springs.....	3495	17.1	14.3	6.1	5.0	11.0	9.3	89.0	85.3
Miscellaneous fabricated wire products..	3496	20.8	17.6	9.6	8.0	11.2	9.6	145.0	125.3
Metal foil and leaf.....	3497	19.9	19.8	10.2	8.2	9.6	11.6	116.8	130.0
Fabricated pipe and fittings.....	3498	21.2	21.9	9.1	9.2	12.1	12.7	120.6	131.4
Fabricated metal products, n.e.c.....	3499	20.0	17.6	8.2	7.3	11.8	10.3	109.5	93.2

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Machinery, except electrical.....	35	14.2	13.3	5.8	5.4	8.4	7.9	80.4	78.7
Engines and turbines.....	351	12.4	10.6	5.7	4.6	6.7	6.0	95.3	97.5
Turbines and turbine generator sets.....	3511	9.1	7.6	4.1	3.3	5.0	4.3	58.0	48.6
Internal combustion engines, n.e.c.....	3519	13.8	12.0	6.4	5.2	7.4	6.8	110.1	119.6
Farm and garden machinery.....	352	18.7	16.2	7.6	6.9	11.1	9.3	98.2	92.5
Farm machinery and equipment.....	3523	18.1	15.8	7.4	6.8	10.7	9.0	94.6	85.1
Lawn and garden equipment.....	3524	22.4	19.1	8.6	7.7	13.7	11.4	122.4	140.6
Construction and related machinery.....	353	18.1	17.0	8.1	7.5	10.0	9.4	110.4	108.6
Construction machinery.....	3531	16.3	13.7	7.1	6.2	9.2	7.5	101.3	91.3
Mining machinery.....	3532	19.7	19.0	8.1	7.9	11.6	11.1	115.8	125.9
Oil field machinery.....	3533	19.4	19.3	9.4	8.9	10.0	10.4	129.1	118.1
Elevators and moving stairways.....	3534	17.2	16.5	6.1	5.8	11.1	10.7	79.3	84.4
Conveyors and conveying equipment.....	3535	21.6	19.1	9.2	8.6	12.4	10.5	114.9	121.4
Hoists, cranes, and monorails.....	3536	18.7	19.5	8.4	9.5	10.3	10.0	109.5	147.7
Industrial trucks and tractors.....	3537	17.8	18.0	8.0	7.1	9.8	10.8	104.5	104.9
Metalworking machinery.....	354	14.2	13.8	5.0	4.8	9.2	9.0	76.4	73.4
Machine tools, metal cutting types.....	3541	14.6	14.8	5.5	5.2	9.1	9.6	87.8	75.7
Machine tools, metal forming types.....	3542	17.7	17.0	7.0	6.8	10.6	10.2	113.1	113.1
Special dies, tools, jigs, and fixtures.....	3544	13.7	13.0	4.3	4.0	9.4	9.0	66.1	60.4
Machine tool accessories.....	3545	13.2	13.4	4.6	4.8	8.6	8.6	61.1	66.8
Power driven handtools.....	3546	12.2	11.6	4.8	4.7	7.3	6.9	72.5	83.6
Rolling mill machinery.....	3547	18.1	14.7	6.6	6.3	11.5	8.4	142.8	110.2
Metalworking machinery, n.e.c.....	3549	17.7	15.2	5.9	5.1	11.8	10.1	78.1	92.1
Special industry machinery.....	355	15.3	15.7	5.8	5.8	9.5	9.8	80.9	82.9
Food products machinery.....	3551	16.8	17.8	6.7	6.9	10.1	10.9	98.2	94.1
Textile machinery.....	3552	13.3	12.6	4.9	4.3	8.4	8.3	71.5	65.9
Woodworking machinery.....	3553	18.2	19.7	7.6	7.3	10.6	12.4	102.2	97.5
Paper industries machinery.....	3554	17.7	18.1	6.9	7.0	10.8	11.1	103.8	98.8
Printing trades machinery.....	3555	11.8	13.1	4.1	4.5	7.7	8.6	56.3	62.7
Special industry machinery, n.e.c.....	3559	15.9	15.6	5.9	6.0	10.0	9.6	76.2	87.9
General industrial machinery.....	356	15.5	15.0	6.3	6.2	9.2	8.8	86.7	90.3
Pumps and pumping equipment.....	3561	16.8	15.9	7.3	7.0	9.4	8.9	100.4	102.3
Ball and roller bearings.....	3562	10.2	10.1	4.2	4.1	5.9	6.0	61.0	69.7
Air and gas compressors.....	3563	14.1	13.0	6.1	6.2	8.0	6.8	92.5	99.2
Blowers and fans.....	3564	17.9	18.0	7.0	7.6	10.9	10.4	98.4	105.6
Industrial patterns.....	3565	11.1	10.4	3.7	3.8	7.4	6.6	45.9	56.2
Speed changers, drives, and gears.....	3566	19.6	19.5	7.5	7.7	12.1	11.8	107.4	111.2
Industrial furnaces and ovens.....	3567	17.7	19.6	6.5	7.2	11.2	12.4	91.4	100.3
Power transmission equipment, n.e.c.....	3568	15.8	14.8	6.4	6.2	9.4	8.6	83.0	76.7
General industrial machinery, n.e.c.....	3569	16.8	14.7	6.8	5.8	10.0	8.9	83.0	76.9
Office and computing machines.....	357	5.1	5.1	2.2	2.2	2.9	2.8	30.2	31.4
Typewriters.....	3572	-	3.4	-	1.6	-	1.8	-	22.7
Electronic computing equipment.....	3573	4.5	4.3	2.0	2.0	2.4	2.3	27.5	29.5
Scales and balances, except laboratory..	3576	12.3	10.2	3.4	3.0	8.9	7.2	53.2	45.2
Office machines, n.e.c.....	3579	9.0	11.8	3.5	4.0	5.5	7.8	51.7	54.9
Refrigeration and service machinery.....	358	16.7	16.4	6.7	6.3	10.0	10.1	97.0	96.9
Automatic merchandising machines.....	3581	21.4	22.5	9.8	8.9	11.6	13.5	121.9	106.2
Commercial laundry equipment.....	3582	21.2	20.1	6.4	5.8	14.8	14.2	87.9	59.7
Refrigeration and heating equipment.....	3585	15.5	15.4	6.4	6.1	9.1	9.2	98.3	100.4
Measuring and dispensing pumps.....	3586	17.5	19.0	5.5	6.1	12.0	12.9	73.7	63.3
Service industry machinery, n.e.c.....	3589	18.9	17.1	7.3	6.3	11.6	10.8	91.1	95.5
Miscellaneous machinery, except electrical.....	359	15.9	14.4	6.3	5.6	9.6	8.8	78.7	74.3
Carburetors, pistons, rings, valves.....	3592	10.4	9.6	5.1	4.3	5.3	5.3	73.0	64.8
Machinery, except electrical, n.e.c.....	3599	16.9	15.1	6.5	5.8	10.4	9.3	79.8	75.8
Electric and electronic equipment.....	36	8.1	7.6	3.2	3.1	4.8	4.5	47.9	47.7
Electric distributing equipment.....	361	11.4	11.2	4.5	4.3	6.9	6.8	64.2	65.8
Transformers.....	3612	13.2	11.9	5.5	4.6	7.7	7.2	68.6	69.0
Switchgear and switchboard apparatus....	3613	9.9	10.6	3.7	4.1	6.2	6.5	60.8	63.4
Electrical industrial apparatus.....	362	9.8	9.4	3.9	3.8	5.9	5.6	61.7	65.2
Motors and generators.....	3621	10.4	9.7	4.2	3.9	6.2	5.8	64.5	66.9
Industrial controls.....	3622	8.1	8.0	3.0	3.2	5.1	4.8	50.7	52.0
Welding apparatus, electric.....	3623	15.5	15.7	6.3	6.0	9.2	9.7	77.3	98.0
Carbon and graphite products.....	3624	6.9	7.2	3.9	4.2	3.0	3.0	80.3	89.9
Electrical industrial apparatus, n.e.c....	3629	8.4	8.7	3.1	3.2	5.3	5.5	52.2	49.9
Household appliances.....	363	11.7	11.4	4.1	4.6	7.6	6.8	66.3	73.8
Household cooking equipment.....	3631	15.5	15.6	5.9	7.0	9.6	8.6	101.3	113.5
Household refrigerators and freezers....	3632	8.5	9.5	2.8	3.5	5.7	6.0	38.1	42.2
Household laundry equipment.....	3633	10.6	10.8	3.0	3.1	7.6	7.7	41.1	56.2
Electric housewares and fans.....	3634	11.0	11.2	4.0	4.6	7.0	6.6	66.7	77.9
Household vacuum cleaners.....	3635	8.1	8.3	3.5	3.6	4.6	4.7	82.1	94.6
Sewing machines.....	3636	-	9.2	-	3.2	-	5.9	-	40.3
Household appliances, n.e.c.....	3639	22.6	15.8	10.0	7.6	12.6	8.2	156.5	117.5

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Electric lighting and wiring equipment.....	364	11.9	10.9	4.6	4.3	7.3	6.6	70.9	68.0
Electric lamps.....	3641	6.1	5.0	2.1	2.1	4.0	2.9	42.5	35.0
Current-carrying wiring devices.....	3643	10.6	9.6	4.0	3.7	6.5	5.9	64.2	58.3
Noncurrent-carrying wiring devices.....	3644	20.1	19.4	8.1	8.3	12.0	11.1	126.5	136.7
Residential lighting fixtures.....	3645	14.6	11.9	5.0	4.5	9.6	7.4	73.1	62.4
Commercial lighting fixtures.....	3646	17.5	18.4	7.3	6.5	10.1	11.8	99.8	90.8
Vehicular lighting equipment.....	3647	8.2	7.5	3.2	3.1	5.0	4.3	48.9	68.2
Radio and TV receiving equipment.....	365	7.9	7.4	3.4	3.3	4.5	4.1	47.9	49.6
Radio and TV receiving sets.....	3651	8.1	7.6	3.2	3.2	4.8	4.4	46.2	50.8
Phonograph records.....	3652	7.5	6.6	3.8	3.4	3.7	3.2	53.2	45.1
Communication equipment.....	366	4.5	4.6	2.0	2.0	2.5	2.6	29.9	31.7
Telephone and telegraph apparatus.....	3661	4.9	4.8	2.5	2.6	2.4	2.2	38.8	45.8
Radio and TV communication equipment....	3662	4.3	4.5	1.7	1.7	2.5	2.8	25.8	25.9
Electronic components and accessories.....	367	6.9	6.4	2.7	2.5	4.2	3.9	33.5	33.3
Electron tubes, receiving type.....	3671	4.4	1.8	1.9	1.3	2.5	.5	29.9	29.0
Cathode ray television picture tubes....	3672	11.0	9.2	6.4	5.9	4.6	3.2	93.4	85.1
Electron tubes, transmitting.....	3673	6.5	7.0	2.4	2.6	4.1	4.4	33.6	32.4
Semiconductors and related devices.....	3674	5.3	4.9	2.2	2.0	3.1	2.9	28.5	29.1
Electronic capacitors.....	3675	4.9	4.9	2.1	1.9	2.8	3.0	26.6	27.1
Electronic resistors.....	3676	7.4	7.1	3.0	2.5	4.4	4.6	32.5	35.2
Electronic coils and transformers.....	3677	10.0	8.9	3.1	2.7	6.9	6.1	40.2	40.3
Electronic connectors.....	3678	8.9	6.9	2.3	2.3	6.6	4.6	29.0	30.1
Electronic components, n.e.c.....	3679	8.0	7.7	2.9	2.9	5.1	4.8	34.5	34.5
Miscellaneous electrical equipment and supplies.....	369	9.0	7.9	4.1	3.7	4.8	4.2	65.3	57.4
Storage batteries.....	3691	17.9	14.7	10.0	8.2	7.9	6.5	167.4	126.6
Primary batteries, dry and wet.....	3692	5.9	6.5	1.7	2.1	4.2	4.4	36.7	36.3
X-ray apparatus and tubes.....	3693	6.3	5.4	2.1	2.0	4.2	3.4	26.5	25.0
Engine electrical equipment.....	3694	6.8	5.8	3.0	2.5	3.8	3.3	45.8	37.5
Electrical equipment and supplies, n.e.c.....	3699	11.2	11.1	4.8	5.1	6.4	6.0	62.7	95.9
Transportation equipment.....	37	11.1	10.1	5.3	4.7	5.8	5.4	82.7	79.9
Motor vehicles and equipment.....	371	11.1	9.5	5.3	4.2	5.8	5.3	76.8	64.1
Motor vehicles and car bodies.....	3711	7.7	6.2	3.6	2.5	4.1	3.7	48.4	31.5
Truck and bus bodies.....	3713	28.9	24.5	12.5	10.3	16.4	14.2	138.3	129.1
Motor vehicle parts and accessories....	3714	11.3	9.8	5.6	4.5	5.7	5.3	91.1	81.5
Truck trailers.....	3715	25.8	22.7	12.4	10.3	13.4	12.4	179.4	145.1
Self-contained mobile homes.....	3716	23.9	18.0	8.5	6.7	15.3	11.3	96.7	83.9
Aircraft and parts.....	372	6.8	6.5	2.9	2.8	3.9	3.6	47.2	45.1
Aircraft.....	3721	5.0	4.6	2.3	2.0	2.7	2.6	42.0	33.9
Aircraft engines and engine parts.....	3724	7.8	7.5	3.5	4.0	4.3	3.5	53.4	67.1
Aircraft equipment, n.e.c.....	3728	10.4	10.1	3.8	3.8	6.5	6.3	53.8	49.4
Ship and boat building and repairing.....	373	22.8	23.9	12.0	12.4	10.8	11.4	211.9	245.0
Ship building and repairing.....	3731	22.7	24.9	12.4	13.1	10.3	11.8	229.2	267.8
Boat building and repairing.....	3732	22.9	19.7	10.5	9.7	12.4	10.0	153.8	150.7
Railroad equipment.....	374	19.4	19.3	10.0	10.6	9.4	8.7	160.0	190.2
Motorcycles, bicycles, and parts.....	375	15.5	15.9	5.8	5.9	9.6	10.0	66.2	63.7
Guided missiles, space vehicles, and parts.....	376	2.9	3.0	1.3	1.4	1.6	1.6	19.1	20.7
Guided missiles and space vehicles....	3761	2.5	2.8	1.2	1.3	1.3	1.5	18.5	20.0
Space propulsion units and parts.....	3764	4.0	3.4	1.7	1.7	2.3	1.7	23.9	22.6
Space vehicle equipment, n.e.c.....	3769	4.7	3.9	1.4	2.0	3.3	1.9	17.1	24.0
Miscellaneous transportation equipment....	379	18.7	15.1	7.9	6.6	10.8	8.5	104.1	81.7
Travel trailers and campers.....	3792	-	18.5	-	7.3	-	11.2	-	94.1
Tanks and tank components.....	3795	9.3	8.4	5.6	5.7	3.7	2.7	58.1	72.5
Transportation equipment, n.e.c.....	3799	21.6	16.8	9.5	6.4	12.1	10.4	117.7	73.5
Instruments and related products.....	38	6.8	6.4	2.7	2.6	4.1	3.8	38.0	38.5
Engineering and scientific instruments....	381	5.8	5.6	1.9	2.0	3.9	3.6	28.5	30.8
Measuring and controlling devices.....	382	7.0	6.6	2.8	2.7	4.2	3.9	41.6	40.8
Environmental controls.....	3822	8.7	8.2	3.8	3.4	4.9	4.8	69.5	61.0
Process control instruments.....	3823	6.7	7.3	2.7	2.8	3.9	4.4	36.4	42.1
Fluid meters and counting devices....	3824	9.7	9.2	4.2	4.5	5.5	4.7	54.6	59.0
Instruments to measure electricity....	3825	5.4	4.7	2.1	2.0	3.3	2.7	26.8	27.5
Measuring and controlling devices, n.e.c.....	3829	8.7	8.6	2.8	2.9	5.9	5.7	43.2	41.5
Optical instruments and lenses.....	383	6.2	6.3	2.4	2.9	3.8	3.4	30.4	37.7

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

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	
		1979	1980	1979	1980	1979	1980	1979	1980
Medical instruments and supplies.....	384	8.1	7.3	3.1	2.8	4.9	4.5	44.9	44.9
Surgical and medical instruments.....	3841	7.0	6.4	2.7	2.4	4.3	4.0	41.9	38.2
Surgical appliances and supplies.....	3842	8.4	8.0	3.3	3.2	5.1	4.8	47.5	52.5
Dental equipment and supplies.....	3843	10.5	8.3	4.0	3.1	6.5	5.2	46.5	44.1
Ophthalmic goods.....	385	6.0	5.8	2.3	2.4	3.6	3.4	29.6	31.7
Photographic equipment and supplies.....	386	6.0	5.9	2.4	2.3	3.5	3.6	34.3	34.9
Watches, clocks, and watchcases.....	387	6.0	4.6	2.5	2.3	3.5	2.3	36.4	30.5
Miscellaneous manufacturing industries.....	39	11.2	10.5	4.5	4.2	6.7	6.2	64.8	64.3
Jewelry, silverware, and plated ware.....	391	6.1	5.9	2.6	2.4	3.5	3.5	44.1	45.9
Jewelry, precious metal.....	3911	4.4	4.1	1.5	1.4	2.8	2.7	20.6	24.7
Silverware and plated ware.....	3914	12.1	10.8	6.3	5.3	5.7	5.4	131.5	116.7
Jewelers' materials and lapidary work...	3915	6.0	7.0	2.1	2.8	3.8	4.2	31.1	40.9
Musical instruments.....	393	13.2	10.7	5.2	3.4	8.0	7.3	79.6	55.4
Toys and sporting goods.....	394	12.7	11.9	5.3	4.8	7.4	7.1	73.3	71.6
Dolls.....	3942	7.2	6.2	2.6	2.1	4.6	4.1	40.5	24.6
Games, toys, and children's vehicles...	3944	11.6	10.2	4.9	4.7	6.7	5.5	74.4	64.8
Sporting and athletic goods, n.e.c.....	3949	14.3	14.3	6.0	5.3	8.3	9.0	76.6	84.5
Pens, pencils, office and art supplies....	395	11.3	10.1	4.8	4.4	6.5	5.7	65.8	65.3
Pens and mechanical pencils.....	3951	9.3	9.2	4.1	4.1	5.2	5.1	53.2	62.6
Lead pencils and art goods.....	3952	15.3	12.8	6.8	5.8	8.5	7.0	92.8	78.8
Marking devices.....	3953	6.8	7.3	2.5	2.1	4.3	5.2	29.2	31.8
Carbon paper and inked ribbons.....	3955	16.5	12.6	6.9	7.0	9.5	5.6	107.9	107.3
Costume jewelry and notions.....	396	8.7	8.0	3.2	3.1	5.5	4.8	47.2	52.1
Costume jewelry.....	3961	6.2	5.6	2.3	2.3	3.9	3.3	35.8	42.0
Artificial flowers.....	3962	9.7	9.5	4.1	3.8	5.6	5.7	48.6	46.2
Buttons.....	3963	9.2	8.2	3.8	2.7	5.4	5.4	55.4	35.4
Needles, pins, and fasteners.....	3964	12.3	10.6	4.5	4.1	7.8	6.5	63.5	69.6
Miscellaneous manufactures.....	399	12.7	12.1	5.0	5.0	7.7	7.1	70.5	71.3
Brooms and brushes.....	3991	14.4	12.7	6.6	6.1	7.8	6.6	78.0	94.9
Signs and advertising displays.....	3993	13.9	12.8	5.2	5.2	8.6	7.6	71.7	72.4
Burial caskets.....	3995	15.4	15.2	5.1	5.4	10.3	9.8	65.9	54.3
Hard surface floor coverings.....	3996	10.4	10.6	4.9	5.8	5.5	4.8	82.2	112.3
Manufacturing industries, n.e.c.....	3999	11.1	10.7	4.4	4.2	6.7	6.5	66.1	58.4
Nondurable goods.....		11.5	10.7	5.1	4.8	6.4	5.9	79.9	78.1
Food and kindred products.....	20	19.2	18.1	9.2	8.7	10.0	9.4	136.4	131.8
Meat products.....	201	27.7	26.0	13.2	12.3	14.5	13.7	178.3	160.8
Meatpacking plants.....	2011	34.2	31.0	16.8	15.1	17.4	15.9	220.3	191.0
Sausages and other prepared meats.....	2013	22.6	23.9	11.4	11.9	11.1	11.9	170.0	170.0
Poultry dressing plants.....	2016	21.4	19.9	9.1	8.4	12.3	11.5	125.0	111.5
Poultry and egg processing.....	2017	21.2	22.3	9.2	9.4	12.0	12.9	117.1	121.4
Dairy products.....	202	15.8	15.4	7.4	7.7	8.4	7.7	114.4	120.1
Creamery butter.....	2021	15.4	11.3	5.8	5.0	9.6	6.3	85.9	89.3
Cheese, natural and processed.....	2022	14.5	15.3	6.7	7.3	7.8	8.0	110.7	98.5
Condensed and evaporated milk.....	2023	12.3	12.6	6.5	6.6	5.8	6.0	91.9	86.9
Ice cream and frozen desserts.....	2024	18.1	17.7	8.8	9.4	9.3	8.3	108.0	145.5
Fluid milk.....	2026	16.1	15.6	7.4	7.8	8.6	7.8	120.0	128.8
Preserved fruits and vegetables.....	203	16.6	15.4	8.0	7.4	8.5	8.0	120.9	121.4
Canned specialties.....	2032	11.2	11.6	5.9	5.3	5.3	6.2	92.6	93.7
Canned fruits and vegetables.....	2033	18.0	15.5	8.4	7.2	9.6	8.2	120.8	107.9
Dehydrated fruits, vegetables, soups...	2034	18.0	16.2	9.2	8.4	8.7	7.7	155.7	137.4
Pickles, sauces, and salad dressings...	2035	17.1	14.7	8.1	7.1	9.0	7.6	106.4	103.5
Frozen fruits and vegetables.....	2037	16.3	18.2	8.0	8.8	8.3	9.3	130.8	167.0
Frozen specialties.....	2038	15.3	14.5	8.0	7.6	7.3	6.9	119.5	128.5
Grain mill products.....	204	15.3	14.5	7.6	7.2	7.7	7.3	127.9	126.0
Flour and other grain mill products.....	2041	15.9	15.7	8.1	7.9	7.7	7.8	137.8	137.0
Cereal breakfast foods.....	2043	14.0	12.2	6.8	6.5	7.1	5.7	148.3	137.7
Rice milling.....	2044	19.1	15.2	9.9	8.8	9.2	6.3	153.0	197.9
Blended and prepared flour.....	2045	13.9	13.5	7.7	7.3	6.2	6.2	111.1	128.3
Wet corn milling.....	2046	10.5	9.9	6.1	5.5	4.4	4.3	91.7	102.6
Dog, cat, and other pet food.....	2047	18.6	17.5	8.9	8.3	9.6	9.2	157.4	137.3
Prepared feeds, n.e.c.....	2048	15.4	14.7	7.3	6.9	8.1	7.8	117.4	112.4
Bakery products.....	205	14.2	13.5	6.9	6.8	7.3	6.7	127.7	128.8
Bread, cake, and related products.....	2051	14.4	13.7	7.0	7.0	7.4	6.7	127.5	128.1
Cookies and crackers.....	2052	13.2	12.9	6.4	6.1	6.8	6.7	128.3	132.2

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

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	
		1979	1980	1979	1980	1979	1980	1979	1980
Sugar and confectionery products.....	206	14.3	13.9	7.1	6.9	7.1	7.0	109.9	107.9
Raw cane sugar.....	2061	23.5	20.6	10.6	10.6	12.9	10.0	182.9	135.0
Cane sugar refining.....	2062	11.6	13.0	6.8	7.6	4.8	5.4	129.0	154.1
Beet sugar.....	2063	18.6	21.0	12.7	11.2	5.9	9.8	136.9	139.5
Confectionery products.....	2065	13.7	12.8	6.4	5.9	7.3	6.9	98.5	96.4
Chocolate and cocoa products.....	2066	10.1	9.6	4.4	5.0	5.7	4.5	74.1	82.5
Chewing gum.....	2067	11.8	9.6	4.9	4.5	6.9	5.1	97.9	81.7
Fats and oils.....	207	19.7	19.5	9.4	9.2	10.3	10.3	156.5	169.2
Cottonseed oil mills.....	2074	19.8	21.6	8.8	10.3	10.9	11.1	223.6	243.4
Soybean oil mills.....	2075	15.7	13.8	8.0	6.6	7.7	7.2	136.6	95.7
Vegetable oil mills, n.e.c.....	2076	17.1	15.0	8.9	6.5	8.2	8.4	195.4	106.4
Animal and marine fats and oils.....	2077	26.4	26.4	14.3	13.2	12.1	13.1	186.5	225.4
Shortening and cooking oils.....	2079	17.7	17.5	6.9	7.5	10.8	10.0	107.4	137.1
Beverages.....	208	23.4	21.4	10.6	9.8	12.8	11.6	145.4	135.1
Malt beverages.....	2082	17.9	15.1	6.5	5.5	11.4	9.6	119.8	102.9
Malt.....	2083	27.8	27.3	14.0	13.4	13.8	13.9	255.2	163.9
Wines, brandy, and brandy spirits.....	2084	24.1	21.6	11.9	10.9	12.2	10.7	146.3	133.2
Distilled liquor, except brandy.....	2085	17.3	16.6	8.3	8.0	9.0	8.5	149.5	146.8
Bottled and canned soft drinks.....	2086	27.3	25.3	12.8	11.9	14.5	13.4	161.6	151.1
Flavoring extracts and syrups, n.e.c.....	2087	9.7	8.4	4.6	4.1	5.0	4.2	53.4	67.9
Miscellaneous foods and kindred products..	209	16.1	14.6	7.7	7.3	8.4	7.3	115.6	105.6
Canned and cured seafoods.....	2091	22.6	17.3	9.8	7.8	12.8	9.5	152.8	104.3
Fresh or frozen packaged fish.....	2092	20.3	17.4	10.0	9.7	10.2	7.6	136.8	124.4
Roasted coffee.....	2095	11.6	9.9	5.6	6.0	6.0	3.9	78.1	91.3
Manufactured ice.....	2097	-	17.3	-	10.6	-	6.7	-	147.2
Macaroni and spaghetti.....	2098	18.7	16.4	9.6	8.4	9.1	8.0	195.6	159.6
Food preparations, n.e.c.....	2099	13.9	13.6	6.6	6.3	7.3	7.2	99.4	94.0
Tobacco manufactures.....	21	9.2	8.1	4.2	3.7	5.0	4.3	64.5	45.3
Cigarettes.....	211	7.9	6.8	4.1	3.4	3.8	3.4	64.3	42.0
Cigars.....	212	7.3	6.9	3.0	2.7	4.3	4.1	64.1	30.8
Chewing and smoking tobacco.....	213	12.0	12.8	4.2	4.9	7.8	7.9	57.4	64.2
Tobacco stemming and redrying.....	214	14.2	12.2	5.4	5.4	8.7	6.8	68.6	61.6
Textile mill products.....	22	9.6	8.9	3.4	3.2	6.2	5.7	60.7	61.8
Weaving mills, cotton.....	221	7.4	7.5	1.9	2.2	5.5	5.3	47.3	50.9
Weaving mills, synthetics.....	222	8.8	7.7	2.9	2.6	5.9	5.1	60.3	53.0
Weaving and finishing mills, wool.....	223	13.2	10.4	6.4	5.1	6.7	5.3	109.1	95.2
Narrow fabric mills.....	224	10.9	9.7	4.7	4.3	6.2	5.4	73.5	80.1
Knitting mills.....	225	7.5	7.3	2.9	3.0	4.6	4.3	41.4	47.7
Women's hosiery, except socks.....	2251	4.1	4.3	1.8	1.7	2.3	2.6	24.8	27.2
Hosiery, n.e.c.....	2252	5.1	5.2	2.2	2.2	2.9	3.0	34.5	32.7
Knit outerwear mills.....	2253	6.1	6.2	2.1	2.2	4.0	4.0	29.6	33.9
Knit underwear mills.....	2254	8.4	8.3	3.4	3.6	5.0	4.7	37.7	60.8
Circular knit fabric mills.....	2257	11.8	10.6	4.5	4.5	7.3	6.1	69.8	82.1
Warp knit fabric mills.....	2258	11.3	9.9	4.1	4.3	7.2	5.6	65.2	64.4
Knitting mills, n.e.c.....	2259	10.9	12.3	5.4	5.7	5.5	6.6	64.0	55.4
Textile finishing, except wool.....	226	12.3	12.0	4.8	4.9	7.5	7.1	84.5	91.2
Finishing plants, cotton.....	2261	10.2	10.2	3.9	4.1	6.3	6.1	76.5	81.2
Finishing plants, synthetics.....	2262	13.3	12.8	5.3	5.3	8.0	7.5	93.4	102.4
Finishing plants, n.e.c.....	2269	14.5	14.3	5.7	5.7	8.8	8.5	84.0	90.5
Floor covering mills.....	227	12.0	10.8	3.9	3.4	8.1	7.4	63.8	67.0
Woven carpets and rugs.....	2271	11.3	10.5	4.2	3.6	7.1	6.9	55.3	51.3
Tufted carpets and rugs.....	2272	12.4	11.0	3.9	3.4	8.5	7.6	65.9	70.0
Yarn and thread mills.....	228	10.7	9.2	3.2	2.8	7.5	6.4	61.7	54.4
Yarn mills, except wool.....	2281	11.1	9.5	3.0	2.6	8.1	6.9	57.3	49.5
Throwing and winding mills.....	2282	10.1	8.8	3.5	2.6	6.6	6.2	69.5	45.7
Wool yarn mills.....	2283	10.8	10.9	5.0	5.0	5.7	5.9	97.5	120.8
Thread mills.....	2284	8.7	6.5	2.9	2.4	5.7	4.1	45.1	51.5
Miscellaneous textile goods.....	229	13.3	13.2	5.8	5.8	7.5	7.3	100.3	109.0
Felt goods, except woven felts and hats.	2291	17.8	16.2	7.8	7.8	10.0	8.4	127.9	139.5
Lace goods.....	2292	9.4	12.0	3.5	4.7	5.9	7.3	92.0	114.9
Paddings and upholstery filling.....	2293	14.9	15.0	8.4	7.7	6.5	7.3	153.1	182.2
Processed textile waste.....	2294	13.3	14.2	5.7	5.3	7.6	8.8	107.9	87.4
Coated fabrics, not rubberized.....	2295	14.2	14.6	6.0	6.4	8.2	8.2	99.5	123.1
Nonwoven fabrics.....	2297	13.7	15.4	4.9	6.6	8.8	8.7	92.9	113.4
Cordage and twine.....	2298	17.0	14.9	6.5	7.0	10.5	7.9	84.5	93.6
Textile goods, n.e.c.....	2299	12.5	11.2	5.7	4.6	6.8	6.6	94.9	90.9

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Apparel and other textile products.....	23	6.3	6.3	2.2	2.2	4.1	4.1	33.1	33.9
Men's and boys' suits and coats.....	231	6.7	6.1	2.6	2.5	4.1	3.6	46.6	40.6
Men's and boys' furnishings.....	232	7.9	7.7	2.8	2.9	5.1	4.8	42.9	41.6
Men's and boys' shirts and nightwear...	2321	5.9	5.9	2.0	2.1	3.9	3.8	29.6	29.2
Men's and boys' underwear.....	2322	7.0	6.6	2.5	2.2	4.5	4.4	39.8	35.3
Men's and boys' separate trousers.....	2327	8.5	7.1	3.0	2.8	5.5	4.3	48.3	41.7
Men's and boys' work clothing.....	2328	10.2	10.3	4.0	4.1	6.2	6.2	60.1	57.1
Men's and boys' clothing, n.e.c.....	2329	7.6	7.4	2.4	2.5	5.2	4.9	33.3	38.7
Women's and misses' outerwear.....	233	4.1	4.3	1.2	1.3	2.8	3.0	18.9	22.2
Women's and misses' blouses and waists..	2331	3.2	3.9	.8	1.0	2.4	2.8	11.8	16.9
Women's and misses' dresses.....	2335	2.6	3.0	.7	.9	1.9	2.1	12.0	15.3
Women's and misses' outerwear, n.e.c....	2339	5.9	5.9	1.8	1.8	4.1	4.1	26.8	33.3
Women's and children's undergarments.....	234	6.4	6.2	1.7	1.9	4.6	4.3	30.5	27.9
Women's and children's underwear.....	2341	6.3	6.1	1.8	1.8	4.5	4.2	32.4	28.4
Brassieres and allied garments.....	2342	6.4	6.6	1.5	2.0	4.9	4.6	23.2	26.1
Hats, caps, and millinery.....	235	7.5	8.4	2.5	3.2	5.0	5.2	37.1	44.0
Hats and caps, except millinery.....	2352	8.0	8.9	2.7	3.5	5.3	5.4	37.9	46.4
Children's outerwear.....	236	5.7	5.2	1.8	1.8	3.9	3.4	29.7	31.8
Children's dresses and blouses.....	2361	5.4	4.4	1.6	1.4	3.8	3.0	29.3	28.4
Children's coats and suits.....	2363	5.8	5.6	1.8	2.0	4.0	3.6	32.5	41.4
Children's outerwear, n.e.c.....	2369	5.9	5.7	2.0	2.0	3.9	3.7	29.4	32.6
Miscellaneous apparel and accessories....	238	6.0	6.1	2.3	2.1	3.7	4.0	28.6	33.8
Fabric dress and work gloves.....	2381	4.8	4.3	2.3	2.0	2.5	2.3	34.9	34.1
Robes and dressing gowns.....	2384	5.3	5.6	1.6	1.7	3.7	3.8	19.2	35.5
Waterproof outer garments.....	2385	5.5	7.1	2.1	2.3	3.4	4.8	31.1	32.4
Leather and sheep lined clothing.....	2386	-	5.5	-	2.1	-	3.4	-	32.7
Apparel belts.....	2387	9.6	7.0	3.2	2.0	6.4	5.0	29.0	38.3
Apparel and accessories, n.e.c.....	2389	5.8	8.0	2.2	2.7	3.5	5.3	21.5	26.9
Miscellaneous fabricated textile products.....	239	8.6	8.3	3.2	3.0	5.4	5.3	44.0	44.9
Curtains and draperies.....	2391	8.2	7.4	2.8	2.4	5.3	4.9	39.4	32.5
House furnishings, n.e.c.....	2392	10.2	9.4	3.6	3.0	6.6	6.4	48.0	42.4
Textile bags.....	2393	13.3	11.9	5.4	4.3	7.9	7.6	104.4	56.1
Canvas and related products.....	2394	12.0	10.7	4.5	4.9	7.5	5.8	60.0	77.3
Pleating and stitching.....	2395	5.3	6.4	2.1	2.0	3.1	4.4	27.6	23.7
Automotive and apparel trimmings.....	2396	5.9	6.3	2.3	2.0	3.6	4.3	31.1	40.9
Schiffli machine embroideries.....	2397	4.3	3.0	1.9	1.4	2.5	1.6	19.8	17.4
Fabricated textile products, n.e.c.....	2399	8.2	9.1	3.3	3.8	4.9	5.3	41.1	63.0
Paper and allied products.....	26	13.3	12.5	5.9	5.7	7.4	6.8	106.7	110.6
Pulp mills.....	261	11.1	9.8	4.4	4.2	6.7	5.6	96.8	123.6
Paper mills, except building paper.....	262	10.6	10.4	4.8	4.8	5.8	5.5	106.2	115.6
Paperboard mills.....	263	12.7	12.5	5.0	5.4	7.7	7.1	102.2	130.0
Miscellaneous converted paper products....	264	13.7	12.5	6.0	5.8	7.7	6.7	95.3	90.6
Paper coating and glazing.....	2641	11.1	9.1	4.9	4.3	6.2	4.8	79.3	63.7
Envelopes.....	2642	17.4	16.5	7.7	7.7	9.6	8.8	111.8	110.9
Bags, except textile bags.....	2643	15.7	15.6	6.4	6.6	9.3	8.9	99.8	108.2
Die-cut paper and board.....	2645	13.5	11.0	6.0	5.3	7.5	5.7	92.1	65.2
Pressed and molded pulp goods.....	2646	17.1	14.0	7.4	9.0	9.7	5.0	132.0	124.7
Sanitary paper products.....	2647	10.2	8.2	4.4	4.2	5.8	4.0	86.3	73.8
Stationery products.....	2648	15.8	14.2	8.0	6.2	7.8	8.0	110.7	94.4
Converted paper products, n.e.c.....	2649	14.8	14.4	6.9	6.8	7.9	7.6	104.7	115.6
Paperboard containers and boxes.....	265	15.7	14.8	7.0	6.7	8.7	8.1	120.1	119.4
Folding paperboard boxes.....	2651	14.1	14.4	5.9	6.1	8.2	8.3	99.6	105.1
Set-up paperboard boxes.....	2652	12.7	10.8	5.2	4.4	7.5	6.4	89.6	81.5
Corrugated and solid fiber boxes.....	2653	17.6	16.6	8.1	7.6	9.5	9.0	138.3	132.9
Sanitary food containers.....	2654	12.6	11.0	5.9	5.7	6.7	5.3	94.2	101.8
Fiber cans, drums, and similar products.....	2655	14.9	14.1	6.5	6.3	8.4	7.8	118.6	125.0
Building paper and board mills.....	266	10.7	10.1	5.7	5.6	5.0	4.4	122.1	126.2
Printing and publishing.....	27	7.0	6.7	3.0	3.0	4.0	3.7	44.1	45.7
Newspapers.....	271	5.9	6.1	2.8	2.8	3.1	3.3	45.7	47.0
Periodicals.....	272	2.8	2.4	1.3	1.2	1.4	1.2	18.1	15.7

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Books.....	273	7.2	6.8	2.8	3.0	4.4	3.8	38.0	42.0
Book publishing.....	2731	4.9	4.6	1.9	2.0	3.0	2.6	25.1	22.8
Book printing.....	2732	11.7	11.2	4.6	5.0	7.1	6.2	64.1	79.3
Miscellaneous publishing.....	274	3.2	3.2	1.4	1.4	1.8	1.8	19.4	21.1
Commercial printing.....	275	8.5	8.0	3.6	3.6	4.9	4.4	50.1	54.7
Commercial printing, letterpress.....	2751	7.9	7.6	3.4	3.5	4.4	4.1	47.9	55.4
Commercial printing, lithographic.....	2752	8.7	8.2	3.5	3.5	5.2	4.7	48.6	52.2
Engraving and plate printing.....	2753	7.2	5.9	3.3	2.5	3.9	3.4	44.5	32.9
Commercial printing, gravure.....	2754	14.7	12.6	7.8	7.2	6.9	5.4	111.1	108.9
Manifold business forms.....	276	12.9	11.3	5.5	5.1	7.4	6.2	68.3	61.9
Greeting card publishing.....	277	6.3	5.5	2.7	2.2	3.5	3.3	38.3	31.0
Blankbooks and bookbinding.....	278	9.8	9.9	4.0	4.3	5.8	5.6	54.1	58.5
Blankbooks and looseleaf binders.....	2782	9.5	9.5	3.8	4.1	5.7	5.4	50.8	55.4
Bookbinding and related work.....	2789	10.1	10.6	4.3	4.7	5.8	5.9	59.9	63.6
Printing trade services.....	279	3.0	2.2	1.1	.8	1.9	1.4	18.6	-
Photoengraving.....	2793	3.8	3.0	1.1	1.1	2.6	1.9	16.2	15.7
Lithographic platemaking services.....	2795	4.6	3.9	1.7	1.4	2.9	2.5	16.9	15.4
Chemicals and allied products.....	28	7.2	6.4	3.3	3.0	3.9	3.4	52.9	48.7
Industrial inorganic chemicals.....	281	5.5	4.8	2.5	2.1	3.0	2.7	45.4	42.3
Alkalies and chlorine.....	2812	4.6	4.1	2.3	1.9	2.3	2.2	43.1	39.4
Industrial gases.....	2813	-	4.8	-	2.1	-	2.7	-	47.9
Inorganic pigments.....	2816	8.9	9.1	3.9	4.0	5.0	5.1	52.3	59.3
Industrial inorganic chemicals, n.e.c....	2819	4.9	4.5	2.2	1.9	2.7	2.5	42.0	39.9
Plastics materials and synthetics.....	282	5.1	4.6	2.3	2.3	2.8	2.5	39.6	38.2
Plastics materials and resins.....	2821	8.3	6.9	4.0	3.3	4.3	3.6	67.7	54.8
Synthetic rubber.....	2822	-	8.0	-	3.8	-	4.2	-	70.0
Cellulosic manmade fibers.....	2823	2.9	4.4	1.0	1.9	1.8	2.5	25.2	51.3
Organic fibers, noncellulosic.....	2824	2.2	1.9	.7	.7	1.5	1.2	14.1	16.2
Drugs.....	283	6.5	5.8	3.1	2.8	3.4	2.9	44.4	37.3
Biological products.....	2831	7.1	5.3	3.0	2.5	4.1	2.8	47.3	35.0
Medicinals and botanicals.....	2833	8.0	6.8	3.7	3.7	4.3	3.1	51.7	50.6
Pharmaceutical preparations.....	2834	6.3	5.7	3.1	2.8	3.2	2.9	43.1	36.0
Soap, cleaners, and toilet goods.....	284	9.3	9.1	4.6	4.6	4.7	4.5	70.2	74.3
Soap and other detergents.....	2841	8.8	9.1	4.4	5.0	4.4	4.1	76.2	85.8
Polishes and sanitation goods.....	2842	12.1	11.2	5.9	5.0	6.2	6.2	79.9	80.8
Toilet preparations.....	2844	8.0	7.4	4.0	3.9	4.0	3.5	60.7	60.3
Paints and allied products.....	285	12.8	11.6	5.7	5.4	7.1	6.1	79.3	73.2
Industrial organic chemicals.....	286	5.1	4.4	2.3	2.0	2.8	2.4	44.7	34.5
Cyclic crudes and intermediates.....	2865	6.9	5.2	3.1	2.7	3.7	2.5	56.2	49.9
Industrial organic chemicals, n.e.c....	2869	4.3	3.8	1.9	1.6	2.4	2.2	39.8	28.4
Agricultural chemicals.....	287	9.0	7.7	3.8	3.2	5.2	4.5	59.4	49.9
Nitrogenous fertilizers.....	2873	8.8	6.5	3.0	2.4	5.8	4.1	49.9	45.2
Phosphate fertilizers.....	2874	7.6	6.4	3.0	2.7	4.6	3.7	53.3	57.3
Fertilizers, mixing only.....	2875	12.6	11.2	5.2	4.4	7.4	6.8	83.2	61.2
Agricultural chemicals, n.e.c....	2879	7.8	7.5	3.9	3.5	3.9	3.9	55.2	40.8
Miscellaneous chemical products.....	289	12.0	10.0	5.7	4.8	6.3	5.2	80.5	79.3
Adhesives and sealants.....	2891	15.3	13.4	7.7	6.0	7.6	7.4	82.6	90.8
Explosives.....	2892	5.2	6.4	2.2	2.8	3.0	3.6	44.2	63.6
Printing ink.....	2893	12.7	11.7	5.7	5.5	7.0	6.2	87.7	85.9
Carbon black.....	2895	7.9	5.8	4.2	3.3	3.7	2.4	88.6	91.5
Chemical preparations, n.e.c....	2899	12.8	9.3	6.0	4.7	6.8	4.6	87.7	75.9
Petroleum and coal products.....	29	7.5	7.0	3.5	3.5	3.9	3.5	61.1	58.1
Petroleum refining.....	291	5.3	5.1	2.6	2.7	2.7	2.4	45.1	41.4
Paving and roofing materials.....	295	15.4	13.1	6.8	6.1	8.5	6.9	121.8	119.5
Paving mixtures and blocks.....	2951	13.7	11.6	5.7	5.3	8.0	6.2	95.0	108.7
Asphalt felts and coatings.....	2952	16.2	14.0	7.4	6.6	8.8	7.4	135.4	126.2
Miscellaneous petroleum and coal products.....	299	14.8	14.4	7.0	6.7	7.7	7.7	109.3	110.1
Lubricating oils and greases.....	2992	14.4	14.1	7.0	6.5	7.4	7.5	113.5	110.6
Petroleum and coal products, n.e.c....	2999	16.8	16.5	7.0	8.0	9.7	8.5	87.0	106.9

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Rubber and miscellaneous plastics products..	30	16.5	15.0	8.0	7.2	8.5	7.8	122.9	115.1
Tires and inner tubes.....	301	14.6	12.5	10.9	8.6	3.7	3.9	195.6	159.5
Rubber and plastics footwear.....	302	12.6	13.7	5.6	5.8	7.0	7.9	102.1	82.7
Reclaimed rubber.....	303	29.9	28.6	22.4	18.8	7.5	9.8	510.4	346.8
Rubber and plastics hose and belting.....	304	14.4	12.9	7.0	6.9	7.4	5.9	99.6	120.1
Fabricated rubber products, n.e.c.....	306	16.7	15.1	8.5	7.5	8.2	7.6	136.2	120.3
Miscellaneous plastics products.....	307	17.2	15.8	7.3	6.9	9.9	8.9	102.2	103.2
Leather and leather products.....	31	10.9	11.1	4.7	4.7	6.2	6.4	70.6	77.8
Leather tanning and finishing.....	311	20.2	21.7	11.3	11.6	8.9	10.1	176.1	201.5
Boot and shoe cut stock and findings.....	313	12.7	15.6	5.3	6.6	7.4	9.0	76.0	145.4
Footwear, except rubber.....	314	10.2	10.2	4.1	4.3	6.1	5.9	63.4	65.7
House slippers.....	3142	9.2	8.5	4.4	3.8	4.8	4.7	64.9	61.5
Men's footwear, except athletic.....	3143	11.9	11.7	4.6	4.5	7.3	7.2	71.9	78.6
Women's footwear, except athletic.....	3144	8.9	9.1	3.8	3.9	5.1	5.2	59.6	52.9
Footwear, except rubber, n.e.c.....	3149	10.0	9.9	3.9	4.6	6.1	5.3	52.1	67.1
Luggage.....	316	12.1	11.4	5.3	4.9	6.8	6.5	76.9	92.1
Handbags and personal leather goods.....	317	7.6	7.8	2.8	2.4	4.8	5.4	38.6	36.9
Women's handbags and purses.....	3171	7.0	6.8	2.1	1.9	4.9	4.9	26.0	32.2
Personal leather goods, n.e.c.....	3172	8.5	8.9	3.7	3.0	4.8	5.9	55.5	42.5
Leather goods, n.e.c.....	319	11.5	9.7	4.4	3.1	7.1	6.5	53.4	39.4
Transportation and public utilities.....		9.9	9.2	5.8	5.4	4.0	3.7	106.1	103.3
Railroad transportation <sup>7/</sup> .....	40	12.0	10.7	7.9	7.0	4.1	3.7	104.7	106.1
Local and interurban passenger transit.....	41	9.2	9.3	5.1	5.2	4.1	4.1	96.6	91.5
Local and suburban transportation.....	411	-	12.5	-	7.5	-	4.9	-	116.1
Taxicabs.....	412	-	5.5	-	2.8	-	2.6	-	51.1
Intercity highway transportation.....	413	-	12.9	-	6.7	-	6.2	-	150.3
Transportation charter service.....	414	-	4.7	-	2.5	-	2.2	-	42.1
School buses.....	415	-	6.2	-	3.0	-	3.2	-	52.2
Trucking and warehousing.....	42	15.7	14.7	9.4	8.9	6.3	5.8	187.5	185.8
Trucking, local and long distance.....	421	15.6	14.7	9.5	9.0	6.1	5.7	190.9	189.7
Public warehousing.....	422	16.3	15.0	8.0	7.4	8.3	7.5	138.5	126.7
Trucking terminal facilities.....	423	21.7	16.7	12.0	10.0	9.7	6.7	176.1	254.7
Water transportation.....	44	13.9	13.9	7.8	8.3	6.1	5.5	284.1	297.7
Water transportation services.....	446	20.8	20.7	11.7	12.5	9.0	8.1	465.2	504.7
Transportation by air.....	45	13.4	13.0	8.4	8.0	5.0	5.0	100.3	103.6
Certificated air transportation.....	451	-	13.6	-	8.5	-	5.1	-	110.3
Noncertificated air transportation.....	452	-	6.1	-	3.0	-	3.1	-	34.2
Air transportation services.....	458	-	11.0	-	5.8	-	5.2	-	78.5
Pipelines, except natural gas.....	46	4.4	5.0	1.6	1.7	2.8	3.3	21.8	30.4
Transportation services.....	47	5.9	4.6	3.0	2.5	2.9	2.1	46.7	39.8
Freight forwarding.....	471	-	7.4	-	4.3	-	3.1	-	73.1
Miscellaneous transportation services.....	478	21.7	20.0	10.0	9.3	11.6	10.7	169.2	134.5
Communication.....	48	2.8	2.7	1.7	1.6	1.1	1.1	28.7	28.1
Telephone communication.....	481	-	2.2	-	1.4	-	.8	-	26.0
Telegraph communication.....	482	-	4.1	-	2.5	-	1.6	-	55.9
Radio and television broadcasting.....	483	-	2.5	-	1.1	-	1.4	-	16.6
Communication services, n.e.c.....	489	-	11.3	-	5.3	-	6.0	-	92.1
Electric, gas, and sanitary services.....	49	8.6	8.4	4.3	4.3	4.3	4.1	72.6	70.1
Electric services.....	491	8.0	7.4	3.7	3.5	4.3	3.9	61.2	60.2
Gas production and distribution.....	492	-	7.3	-	3.6	-	3.6	-	52.3
Combination utility services.....	493	-	6.8	-	3.6	-	3.2	-	72.1
Water supply.....	494	-	11.6	-	5.7	-	5.9	-	72.4
Sanitary services.....	495	23.9	24.9	14.1	14.8	9.7	10.1	209.4	201.3
Wholesale and retail trade.....		7.9	7.4	3.4	3.2	4.5	4.2	48.3	48.1
Wholesale trade.....		8.7	8.1	4.0	3.8	4.6	4.2	58.2	57.1
Wholesale trade--durable goods.....	50	8.5	7.8	3.8	3.5	4.7	4.3	51.8	50.3
Motor vehicles and automotive equipment..	501	-	7.8	-	3.3	-	4.4	-	44.3
Lumber and construction materials.....	503	-	11.6	-	6.3	-	5.3	-	93.9
Metals and minerals, except petroleum.....	505	-	15.1	-	6.5	-	8.6	-	106.3
Electrical goods.....	506	-	4.0	-	1.7	-	2.3	-	22.6
Hardware, plumbing and heating equipment..	507	-	6.8	-	2.8	-	4.0	-	36.2
Machinery, equipment and supplies.....	508	-	7.5	-	3.2	-	4.2	-	45.4
Miscellaneous durable goods.....	509	-	11.6	-	5.9	-	5.6	-	90.0

See footnotes at end of table.



**Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980**

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	
		1979	1980	1979	1980	1979	1980	1979	1980
Wholesale trade--nondurable goods.....	51	8.9	8.6	4.5	4.4	4.4	4.2	67.8	67.3
Paper and paper products.....	511	-	8.1	-	3.9	-	4.2	-	57.8
Groceries and related products.....	514	-	13.0	-	6.9	-	6.1	-	104.5
Farm-product raw materials.....	515	-	8.5	-	4.0	-	4.5	-	54.8
Petroleum and petroleum products.....	517	-	5.0	-	2.5	-	2.5	-	42.3
Beer, wine, and distilled beverages.....	518	-	12.1	-	6.7	-	5.4	-	102.5
Miscellaneous nondurable goods.....	519	-	6.3	-	2.8	-	3.4	-	51.8
Retail trade.....		7.6	7.0	3.1	2.9	4.5	4.1	44.1	44.1
Building materials and garden supplies.....	52	9.4	8.4	4.2	3.7	5.2	4.7	60.9	60.7
Lumber and other building materials.....	521	12.0	10.2	5.6	4.6	6.4	5.6	79.8	74.0
Hardware stores.....	525	-	5.5	-	2.1	-	3.4	-	25.8
Retail nurseries and garden stores.....	526	-	5.2	-	2.4	-	2.8	-	41.9
Mobile home dealers.....	527	-	6.0	-	4.3	-	1.7	-	144.2
General merchandise stores.....	53	9.7	9.2	4.1	4.0	5.5	5.2	55.6	52.1
Department stores.....	531	-	9.7	-	4.2	-	5.5	-	57.2
Variety stores.....	533	-	8.0	-	3.1	-	4.8	-	31.5
Food stores.....	54	11.7	10.5	5.1	4.7	6.6	5.8	81.8	75.8
Grocery stores.....	541	-	11.4	-	5.0	-	6.4	-	79.4
Automotive dealers and service stations.....	55	7.8	7.2	2.7	2.6	5.1	4.6	40.8	40.2
New and used car dealers.....	551	-	9.0	-	2.7	-	6.3	-	39.1
Auto and home supply stores.....	553	-	8.2	-	3.8	-	4.4	-	58.7
Gasoline service stations.....	554	-	4.2	-	1.8	-	2.3	-	30.3
Apparel and accessory stores.....	56	2.6	2.2	.9	.9	1.7	1.3	16.1	13.4
Women's ready-to-wear stores.....	562	-	2.3	-	.9	-	1.4	-	15.6
Family clothing stores.....	565	-	3.8	-	1.5	-	2.3	-	23.7
Furniture and home furnishings stores.....	57	4.7	4.6	2.3	2.2	2.3	2.4	39.3	47.8
Furniture and home furnishings stores.....	571	-	5.4	-	2.4	-	3.0	-	42.7
Household appliance stores.....	572	-	5.0	-	2.9	-	2.1	-	124.4
Radio, television, and music stores.....	573	-	2.4	-	1.0	-	1.3	-	18.3
Eating and drinking places.....	58	7.4	6.8	2.7	2.6	4.7	4.2	31.6	29.8
Miscellaneous retail.....	59	3.7	3.5	1.6	1.6	2.1	1.8	24.9	37.8
Drug and proprietary stores.....	591	-	3.1	-	1.2	-	1.9	-	14.1
Nonstore retailers.....	596	-	6.7	-	3.4	-	3.3	-	49.3
Fuel and ice dealers.....	598	-	8.6	-	4.8	-	3.7	-	81.4
Finance, insurance, and real estate.....		2.1	1.9	.9	.8	1.2	1.1	12.9	11.6
Banking.....	60	1.7	1.5	.7	.6	1.0	.9	10.0	7.8
Commercial and stock savings banks.....	602	-	1.5	-	.6	-	.9	-	7.4
Trust companies, nondeposit.....	604	-	1.1	-	.3	-	.8	-	.8
Credit agencies other than banks.....	61	1.2	1.0	.5	.5	.7	.5	5.0	5.6
Savings and loan associations.....	612	-	1.5	-	.6	-	.9	-	6.7
Security, commodity brokers, and services...	62	1.0	.8	.4	.3	.6	.5	3.8	3.1
Security brokers and dealers.....	621	-	.6	-	.2	-	.4	-	2.6
Insurance carriers.....	63	2.0	1.9	.8	.7	1.2	1.1	9.7	10.5
Life insurance.....	631	-	1.5	-	.7	-	.8	-	13.0
Medical service and health insurance.....	632	-	2.5	-	.9	-	1.5	-	10.3
Fire, marine, and casualty insurance.....	633	-	2.2	-	.8	-	1.4	-	7.3
Insurance agents, brokers, and service.....	64	.7	.8	.3	.3	.4	.5	-	3.9
Real estate.....	65	4.6	4.3	2.3	2.1	2.3	2.2	33.8	31.1
Real estate operators and lessors.....	651	-	4.8	-	2.5	-	2.3	-	36.0
Subdividers and developers.....	655	-	8.5	-	3.7	-	4.8	-	57.2
Holding and other investment offices.....	67	-	1.6	-	.6	-	1.0	-	7.3
Services.....		5.3	5.1	2.4	2.3	2.9	2.8	37.1	34.5
Hotels and other lodging places.....	70	8.9	8.8	3.7	3.7	5.2	5.1	51.0	50.3
Hotels, motels, and tourist courts.....	701	-	8.9	-	3.7	-	5.2	-	51.3
Personal services.....	72	3.1	2.8	1.4	1.3	1.7	1.5	23.4	22.3
Laundry, cleaning, and garment services...	721	-	5.7	-	2.5	-	3.1	-	42.6
Business services.....	73	4.9	4.3	2.3	2.0	2.6	2.2	34.8	30.8
Services to buildings.....	734	-	5.8	-	2.8	-	3.0	-	38.1
Personnel supply services.....	736	-	7.0	-	3.5	-	3.5	-	49.2
Miscellaneous business services.....	739	-	4.0	-	1.8	-	2.1	-	31.2
Auto repair, services, and garages.....	75	7.9	7.5	3.5	3.3	4.4	4.2	56.8	47.7
Automotive rentals, without drivers.....	751	-	8.7	-	4.1	-	4.6	-	58.8
Automobile parking.....	752	-	3.7	-	1.8	-	1.9	-	25.8
Automotive repair shops.....	753	-	7.7	-	3.2	-	4.4	-	45.3

See footnotes at end of table.



Table 4. Continued—Occupational injury incidence rates by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>							
		Total cases <sup>5/</sup>		Lost workday cases		Nonfatal cases without lost workdays		Lost workdays	
		1979	1980	1979	1980	1979	1980	1979	1980
Miscellaneous repair services.....	76	9.1	8.6	4.1	4.1	5.0	4.5	70.4	62.7
Electrical repair shops.....	762	-	6.1	-	3.0	-	3.1	-	42.6
Miscellaneous repair shops.....	769	11.6	10.9	5.2	5.1	6.4	5.8	88.8	80.0
Motion pictures.....	78	5.1	4.5	1.6	1.6	3.4	2.9	27.1	30.5
Motion picture production and services....	781	-	5.5	-	2.0	-	3.5	-	28.4
Motion picture theaters.....	783	-	3.7	-	1.2	-	2.5	-	34.3
Amusement and recreation services.....	79	8.1	9.1	3.6	3.7	4.5	5.4	57.7	53.5
Bowling and billiard establishments.....	793	-	3.2	-	1.3	-	1.9	-	18.2
Miscellaneous amusement, recreational services.....	799	-	8.2	-	3.5	-	4.7	-	44.1
Health services.....	80	6.6	6.2	3.1	3.0	3.5	3.2	48.6	46.2
Nursing and personal care facilities.....	805	-	10.6	-	5.5	-	5.1	-	85.1
Hospitals.....	806	-	7.6	-	3.5	-	4.1	-	54.6
Medical and dental laboratories.....	807	-	1.7	-	.5	-	1.2	-	3.2
Legal services.....	81	-	.4	-	.2	-	.2	-	-
Educational services.....	82	3.2	3.3	1.2	1.4	2.0	1.9	16.6	18.4
Colleges and universities.....	822	-	3.9	-	1.6	-	2.2	-	22.6
Social services.....	83	5.7	5.0	2.5	2.1	3.2	2.9	39.5	31.9
Individual and family services.....	832	-	3.6	-	1.6	-	2.0	-	26.7
Job training and related services.....	833	-	7.5	-	3.3	-	4.2	-	38.8
Residential care.....	836	-	8.1	-	3.3	-	4.8	-	44.6
Social services, n.e.c.....	839	-	4.4	-	2.1	-	2.3	-	36.4
Museums, botanical, zoological gardens.....	84	6.4	7.4	2.5	3.3	3.9	4.1	24.3	35.0
Museums and art galleries.....	841	-	5.2	-	2.3	-	2.8	-	27.2
Botanical and zoological gardens.....	842	-	16.9	-	7.7	-	9.2	-	67.9
Membership organizations.....	86	-	3.2	-	.9	-	2.3	-	15.9
Civic and social associations.....	864	-	4.2	-	1.8	-	2.4	-	35.2
Miscellaneous services.....	89	2.0	1.5	.8	.7	1.2	.8	10.4	10.6
Engineering and architectural services....	891	-	1.9	-	.8	-	1.1	-	14.0
Noncommercial research organizations.....	892	-	2.2	-	1.0	-	1.2	-	13.9
Accounting, auditing, and bookkeeping....	893	-	.6	-	.2	-	.2	-	4.0

<sup>1</sup> To maintain the comparability of the 1979 survey data with the data published in previous years and with 1980, 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.

<sup>2</sup> Totals for divisions and 2- and 3-digit SIC codes include data for industries not shown separately.

<sup>3</sup> Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.

<sup>4</sup> 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).

<sup>5</sup> 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 do not reflect the fatality rates.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> 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, Department of Labor, and by the Federal Railroad Administration, Department of Transportation. Data for some independent contractors who perform services or construction on mining sites are also included.

n.e.c. = not elsewhere classified.

NOTE: Dashes indicate data that do not meet publication guidelines, or the data were not generated.



**Table 5. Occupational injury incidence rates by industry division and employment size, 1979<sup>1</sup> and 1980**

Industry division	Incidence rates per 100 full-time workers <sup>2/</sup>															
	1 to 19 employees		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	
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
Private sector <sup>3/</sup> .....	3.9	3.6	8.8	8.3	11.8	10.9	12.9	12.1	12.2	11.7	10.6	9.9	8.5	8.0	7.1	6.5
Agriculture, forestry, and fishing <sup>3/</sup> .....	6.0	5.4	9.7	10.0	13.6	13.6	14.9	15.7	15.7	16.6	14.0	14.5	21.4	26.3	-	24.2
Mining <sup>4/</sup> .....	6.0	5.7	12.5	12.3	14.1	13.8	13.5	13.5	12.2	11.7	10.0	10.4	7.6	6.7	4.1	1.5
Construction.....	9.3	9.0	18.0	17.1	21.1	21.7	22.2	21.9	18.9	20.6	19.6	18.3	14.5	11.9	10.5	9.0
Manufacturing.....	8.3	7.8	14.5	13.9	17.7	16.6	17.8	16.2	15.4	14.1	12.3	11.1	9.2	8.2	6.6	5.8
Transportation and public utilities...	5.7	5.5	10.6	10.2	13.4	11.9	9.6	8.9	10.2	9.7	10.5	9.6	9.1	9.0	10.1	9.3
Wholesale and retail trade.....	3.1	3.1	7.5	6.9	10.7	9.6	12.4	11.3	11.9	11.4	11.4	11.3	11.0	12.4	11.7	11.7
Wholesale trade.....	4.3	4.0	8.9	8.2	11.2	11.7	12.2	11.5	12.7	11.5	11.0	10.5	6.0	6.7	.8	-
Retail trade.....	2.7	2.8	6.8	6.2	10.5	8.6	12.5	11.2	11.6	11.4	11.6	11.5	12.1	13.6	11.8	11.8
Finance, insurance, and real estate...	1.3	1.0	1.6	1.5	2.4	1.9	2.5	2.7	3.0	2.8	2.6	2.9	2.5	2.3	2.3	2.1
Services.....	1.8	1.4	3.7	3.8	5.9	5.4	7.7	7.9	7.4	8.0	7.2	7.5	7.2	7.0	5.8	6.1

<sup>1</sup> To maintain the comparability of the 1979 survey data with the data published in previous years and with 1980, 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.  
<sup>2</sup> The incidence rates represent the number of injuries per 100 full-time workers and were calculated as: (N/EH) X 200,000, where

200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for some independent contractors who perform services or construction on mining sites are also included.

N = number of injuries  
 EH = total hours worked by all employees during calendar year

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



Table 6. Occupational injury incidence rates for lost workday cases by industry, 1979' and 1980

Industry 2/	SIC code 3/	Incidence rates per 100 full-time workers 4/											
		Lost workday injuries						Lost workdays					
		Total lost workday cases		Cases involving days away from work 5/		Cases involving days of restricted work activity only		Total lost workdays		Number of days away from work		Number of days of restricted work activity 6/	
		1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
Private sector 7/.....		4.2	3.9	3.9	3.6	0.3	0.3	66.2	63.7	61.0	58.7	5.2	5.0
Agriculture, forestry, and fishing 7/.....		5.5	5.6	5.3	5.4	.2	.2	81.7	81.3	76.9	76.3	4.8	5.0
Agricultural production 7/.....	01-02	6.2	6.1	5.9	5.9	.2	.2	83.2	84.6	78.4	80.0	4.8	4.6
Agricultural services.....	07	5.0	5.1	4.8	4.9	.2	.2	81.8	76.9	77.0	71.4	4.7	5.5
Forestry.....	08	4.8	4.6	4.4	4.1	.4	.5	78.5	82.5	71.8	76.7	6.6	5.8
Fishing, hunting, and trapping.....	09	2.1	2.2	2.1	2.2	-	(9)	46.1	63.5	44.1	60.6	-	2.9
Mining.....		6.7	6.4	6.3	6.2	.4	.2	149.8	162.8	143.6	156.5	6.2	6.3
Metal mining 8/.....	10	5.9	5.4	3.8	4.2	2.1	1.2	117.2	127.7	95.5	111.9	21.7	15.8
Anthracite mining 8/.....	11	10.9	8.4	10.7	8.2	.2	.2	266.6	274.8	257.1	268.8	9.4	6.0
Bituminous coal and lignite mining 8/.....	12	8.2	8.2	8.0	8.0	.2	.2	205.4	251.5	201.1	247.6	4.3	3.9
Oil and gas extraction.....	13	6.9	6.6	6.7	6.5	.2	.1	150.6	152.0	146.5	146.4	4.1	5.6
Nonmetallic minerals, except fuels 8/.....	14	4.1	3.6	3.8	3.2	.3	.4	80.8	87.7	74.0	80.3	6.8	7.4
Construction.....		6.8	6.5	6.5	6.2	.2	.2	119.2	116.1	113.9	110.4	5.3	5.7
General building contractors.....	15	6.7	6.4	6.5	6.2	.2	.2	110.3	112.1	105.3	107.5	4.9	4.6
Heavy construction contractors.....	16	6.6	6.2	6.3	6.0	.2	.2	121.8	116.8	117.0	112.0	4.8	4.7
Special trade contractors.....	17	6.9	6.6	6.7	6.4	.2	.2	123.0	117.9	117.4	111.2	5.6	6.7
Manufacturing.....		5.7	5.2	5.1	4.7	.6	.5	87.3	84.0	78.2	75.5	9.1	8.5
Durable goods.....		6.1	5.5	5.4	4.9	.7	.6	92.0	87.9	81.6	78.2	10.4	9.7
Lumber and wood products.....	24	10.7	9.4	10.3	9.0	.4	.4	174.1	170.0	166.9	162.2	7.2	7.8
Furniture and fixtures.....	25	7.0	6.4	6.4	5.9	.6	.5	97.2	94.6	89.8	86.9	7.4	7.7
Stone, clay, and glass products.....	32	7.9	7.0	7.3	6.4	.6	.6	130.9	125.8	121.6	116.3	9.3	9.5
Primary metal industries.....	33	7.9	6.9	6.7	5.9	1.2	1.0	130.7	124.5	113.9	109.4	16.8	15.1
Fabricated metal products.....	34	8.5	7.8	7.9	7.1	.6	.7	121.3	115.8	111.6	106.1	9.7	9.7
Machinery, except electrical.....	35	5.8	5.4	5.1	4.7	.7	.7	80.4	78.7	70.8	69.2	9.6	9.5
Electric and electronic equipment.....	36	3.2	3.1	2.7	2.6	.5	.5	47.9	47.7	40.0	39.2	7.9	8.5
Transportation equipment.....	37	5.3	4.7	4.3	4.0	1.0	.7	82.7	79.9	67.5	68.1	15.2	11.8
Instruments and related products.....	38	2.7	2.6	2.4	2.3	.3	.3	38.0	38.5	32.8	32.8	5.2	5.7
Miscellaneous manufacturing industries..	39	4.5	4.2	4.2	3.9	.3	.3	64.8	64.3	59.7	59.1	5.1	5.2
Nondurable goods.....		5.1	4.8	4.7	4.4	.4	.4	79.9	78.1	73.0	71.4	6.9	6.7
Food and kindred products.....	20	9.2	8.7	8.7	8.2	.5	.5	136.4	131.8	129.1	123.7	7.8	8.1
Tobacco manufactures.....	21	4.2	3.7	2.7	3.1	1.5	.6	64.5	45.3	46.6	38.0	17.9	7.3
Textile mill products.....	22	3.4	3.2	2.9	2.8	.4	.4	60.7	61.8	54.9	55.3	5.8	6.5
Apparel and other textile products.....	23	2.2	2.2	2.1	2.1	.1	.1	33.1	33.9	31.3	32.3	1.8	1.6
Paper and allied products.....	26	5.9	5.7	5.3	5.2	.6	.5	106.7	110.6	98.2	102.4	8.5	8.2
Printing and publishing.....	27	3.0	3.0	2.9	2.9	.1	.1	44.1	45.7	41.5	43.2	2.6	2.5
Chemicals and allied products.....	28	3.3	3.0	2.8	2.4	.5	.6	52.9	48.7	43.4	38.9	9.5	9.7
Petroleum and coal products.....	29	3.5	3.5	2.7	2.7	.8	.8	61.1	58.1	49.3	47.9	11.8	10.2
Rubber and miscellaneous plastics products.....	30	8.0	7.2	7.1	6.4	.9	.8	122.9	115.1	108.5	103.2	14.4	11.9
Leather and leather products.....	31	4.7	4.7	4.5	4.6	.2	.1	70.6	77.8	67.6	74.0	3.0	3.8
Transportation and public utilities.....		5.8	5.4	5.3	5.0	.5	.4	106.1	103.3	97.4	95.1	8.7	8.2
Railroad transportation 8/.....	40	7.9	7.0	7.1	6.1	.8	.9	104.7	106.1	96.6	95.7	8.1	10.4
Local and interurban passenger transit..	41	5.1	5.2	4.8	5.0	.3	.2	96.6	91.5	92.4	88.1	4.2	3.4
Trucking and warehousing.....	42	9.4	8.9	9.3	8.8	.1	.1	187.5	185.8	184.2	182.7	3.3	3.1
Water transportation.....	44	7.8	8.3	7.7	8.2	.1	.1	284.1	297.7	281.1	293.1	3.0	4.6
Transportation by air.....	45	8.4	8.0	7.8	7.5	.5	.5	100.3	103.6	95.0	97.1	5.3	6.5
Pipelines, except natural gas.....	46	1.6	1.7	1.5	1.6	.1	-	21.8	30.4	20.4	28.1	1.4	-
Transportation services.....	47	3.0	2.5	2.9	2.4	.1	.1	46.7	39.8	45.0	38.5	1.7	1.3
Communication.....	48	1.7	1.6	1.1	1.2	.5	.4	28.7	28.1	16.3	19.0	12.4	9.1
Electric, gas, and sanitary services....	49	4.3	4.3	3.2	3.2	1.1	1.1	72.6	70.1	54.7	52.3	17.9	17.8
Wholesale and retail trade.....		3.4	3.2	3.2	3.0	.2	.2	48.3	48.1	45.4	44.7	2.9	3.4
Wholesale trade.....		4.0	3.8	3.9	3.6	.1	.2	58.2	57.1	54.5	52.2	3.7	4.9
Wholesale trade--durable goods.....	50	3.8	3.5	3.6	3.3	.2	.2	51.8	50.3	47.9	45.4	3.8	4.8
Wholesale trade--nondurable goods.....	51	4.5	4.4	4.3	4.1	.2	.2	67.8	67.3	64.4	62.4	3.4	4.9
Retail trade.....		3.1	2.9	2.9	2.8	.1	.1	44.1	44.1	41.5	41.4	2.6	2.7
Building materials and garden supplies..	52	4.2	3.7	4.0	3.4	.2	.2	60.9	60.7	56.3	54.6	4.6	6.1
General merchandise stores.....	53	4.1	4.0	3.9	3.7	.2	.2	55.6	52.1	51.8	47.7	3.8	4.4
Food stores.....	54	5.1	4.7	5.0	4.6	.1	(9)	81.8	75.8	79.1	73.9	2.7	1.9
Automotive dealers and service stations.	55	2.7	2.6	2.6	2.5	.1	.1	40.8	40.2	37.7	36.8	3.1	3.4
Apparel and accessory stores.....	56	.9	.9	.9	.8	(9)	.1	16.1	13.4	15.1	12.2	1.0	1.2
Furniture and home furnishings stores..	57	2.3	2.2	2.2	2.1	.1	.1	39.3	47.8	36.7	43.9	2.6	3.9
Eating and drinking places.....	58	2.7	2.6	2.5	2.5	.2	.1	31.6	29.8	29.7	28.0	1.9	1.8
Miscellaneous retail.....	59	1.6	1.6	1.5	1.6	.1	(9)	24.9	37.8	22.5	35.8	2.4	2.0

See footnotes at end of table.



Table 6. Continued—Occupational injury incidence rates for lost workday cases by industry, 1979<sup>1</sup> and 1980

Industry <sup>2/</sup>	SIC code <sup>3/</sup>	Incidence rates per 100 full-time workers <sup>4/</sup>											
		Lost workday injuries						Lost workdays					
		Total lost workday cases		Cases involving days away from work <sup>5/</sup>		Cases involving days of restricted work activity only		Total lost workdays		Number of days away from work		Number of days of restricted work activity <sup>6/</sup>	
		1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
Finance, insurance, and real estate.....		0.9	0.8	0.9	0.8	(9)	(9)	12.9	11.6	11.7	10.7	1.1	0.9
Banking.....	60	.7	.6	.7	.6	(9)	(9)	10.0	7.8	8.6	7.0	1.4	.8
Credit agencies other than banks.....	61	.5	.5	.4	.4	(9)	(9)	5.0	5.6	4.5	5.0	.5	.6
Security, commodity brokers, and services.....	62	.4	.3	.4	.3	-	(9)	3.8	3.1	3.6	3.0	-	.1
Insurance carriers.....	63	.8	.7	.7	.7	(9)	(9)	9.7	10.5	9.0	9.8	.7	.6
Insurance agents, brokers, and service..	64	.3	.3	.3	.2	(9)	(9)	-	3.9	-	3.3	-	.6
Real estate.....	65	2.3	2.1	2.2	2.0	.1	.1	33.8	31.1	31.8	28.6	2.0	2.5
Holding and other investment offices....	67	-	.6	-	.6	-	-	-	7.3	-	6.6	-	-
Services.....		2.4	2.3	2.3	2.2	.1	.1	37.1	34.5	34.9	32.4	2.1	2.1
Hotels and other lodging places.....	70	3.7	3.7	3.6	3.6	.1	.1	51.0	50.3	48.9	47.5	2.1	2.8
Personal services.....	72	1.4	1.3	1.4	1.3	(9)	(9)	23.4	22.3	22.4	21.6	.9	.7
Business services.....	73	2.3	2.0	2.2	2.0	.1	(9)	34.8	30.8	32.3	28.5	2.4	2.3
Auto repair, services, and garages.....	75	3.5	3.3	3.3	3.0	.2	.3	56.8	47.7	52.1	45.3	4.6	2.4
Miscellaneous repair services.....	76	4.1	4.1	3.9	3.8	.2	.3	70.4	62.7	65.9	57.1	4.5	5.6
Motion pictures.....	78	1.6	1.6	1.6	1.5	(9)	-	27.1	30.5	25.9	29.3	1.1	-
Amusement and recreation services.....	79	3.6	3.7	3.4	3.3	.2	.4	57.7	53.5	52.8	47.2	4.9	6.3
Health services.....	80	3.1	3.0	3.1	2.9	(9)	.1	48.6	46.2	46.9	44.5	1.6	1.7
Legal services.....	81	-	.2	-	.2	-	(9)	-	-	-	-	-	-
Educational services.....	82	1.2	1.4	1.2	1.3	(9)	(9)	16.6	18.4	14.9	17.3	1.7	1.0
Social services.....	83	2.5	2.1	2.4	2.0	.1	.1	39.5	31.9	36.5	29.5	3.0	2.4
Museums, botanical, zoological gardens..	84	2.5	3.3	2.4	3.1	.1	.2	24.3	35.0	23.3	32.8	1.0	2.2
Membership organizations.....	86	-	.9	-	.9	-	-	-	15.9	-	14.7	-	-
Miscellaneous services.....	89	.8	.7	.7	.6	(9)	(9)	10.4	10.6	8.8	8.5	1.6	2.1

<sup>1</sup> To maintain the comparability of the 1979 survey data with the data published in previous years and with 1980, 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.

<sup>2</sup> Totals for divisions include data for industries not shown separately.

<sup>3</sup> Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.

<sup>4</sup> 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).

<sup>5</sup> Also includes cases which involved both days away from work and days of restricted work activity.

<sup>6</sup> 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.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> 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, Department of Labor, and by the Federal Railroad Administration, Department of Transportation. Data for some independent contractors who perform services or construction on mining sites are also included.

<sup>9</sup> 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, 1980**

(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 <sup>1</sup> /.....	130.2	56.2	2.2	11.3	4.7	13.2	23.2	19.3
Agriculture, forestry, and fishing <sup>1</sup> /.	4.2	2.8	(2)	.1	.3	.2	.1	.6
Mining.....	1.5	.4	.3	.1	.2	.2	.1	.1
Construction.....	7.8	3.0	.2	.7	.4	1.6	.5	1.4
Manufacturing.....	76.1	33.8	1.3	6.7	2.2	7.5	18.9	5.6
Transportation and public utilities...	8.0	3.3	.1	1.0	.3	1.0	.8	1.6
Wholesale and retail trade.....	12.2	4.3	.1	1.3	.9	1.1	1.6	2.9
Wholesale trade.....	5.4	1.6	(2)	.5	.6	.4	1.2	1.0
Retail trade.....	6.8	2.7	.1	.8	.3	.6	.4	1.9
Finance, insurance, and real estate...	1.5	.4	(2)	.1	(2)	(2)	.1	.7
Services.....	19.0	8.2	.2	1.3	.5	1.5	1.1	6.2

<sup>1</sup> Excludes farms with fewer than 11 employees.  
<sup>2</sup> Fewer than 50 cases.

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

**Table 8. Occupational injury and illness fatalities and employment for employers with 11 employees or more by industry division, 1979 and 1980**

Industry division	Annual average employment <sup>1</sup> /				Fatalities			
	1979		1980		1979		1980	
	Number (thousands)	Percent	Number (thousands)	Percent	Number	Percent	Number	Percent
Private sector.....	61,660	100	61,677	100	4,950	100	4,400	100
Agriculture, forestry, and fishing..	876	1	943	2	110	2	140	3
Mining.....	890	1	944	2	490	10	460	10
Construction.....	3,138	5	3,141	5	960	19	830	19
Manufacturing.....	20,325	33	19,630	32	1,100	22	1,080	25
Transportation and public utilities.	4,637	8	4,665	8	915	19	810	18
Wholesale and retail trade.....	14,938	24	14,474	23	930	19	580	13
Finance, insurance, and real estate.	3,905	6	4,078	7	85	2	150	3
Services.....	12,951	21	13,802	22	360	7	350	8

<sup>1</sup> Annual average employment for nonagricultural industries is based on the employment and earnings survey conducted by BLS in cooperation with State agencies. The employment estimate for the services division is adjusted to exclude 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 farmworkers engaged in agricultural production provided by the 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 the totals.



**Table 9. Causes of fatalities resulting from occupational injury and illness in 1979 and 1980<sup>1</sup> in units with 11 employees or more, private sector, by industry division, distribution by industry**

(In percent)

Cause <sup>2/</sup>	Total <sup>3/</sup>	Agriculture, forestry, and fishing	Mining--oil and gas extraction only	Construction	Manufacturing	Transportation and public utilities <sup>4/</sup>	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..	30	28	21	16	18	46	48	53	29
Heart attacks.....	11	15	10	9	9	9	14	24	16
Industrial vehicles or equipment.....	10	20	20	15	12	5	2	4	8
Falls.....	9	4	9	22	9	4	2	5	8
Electrocutions.....	8	5	15	12	6	9	3	1	9
Aircraft crashes.....	5	6	10	1	4	11	4	11	3
Struck by objects other than vehicles or equipment.....	5	8	5	8	8	4	2	1	1
Plant machinery operations....	4	2	1	1	12	1	2	0	2
Gun shots.....	4	1	0	(5)	1	3	17	1	6
Caught in, under, or between objects other than vehicles or equipment.....	3	1	1	6	4	1	1	0	(5)
Fires.....	3	5	2	1	6	2	2	0	2
Explosions.....	2	2	2	3	4	1	1	0	(5)
Gas inhalations.....	2	2	1	2	4	1	(5)	0	1
All other.....	4	2	4	3	4	4	3	1	16

<sup>1</sup> It is impossible to estimate year-to-year changes precisely because at the industry division level sampling errors are large. Therefore, the results are for both years rather than a comparison between them.

<sup>2</sup> Cause is defined as the object or event associated with the fatality.

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

<sup>4</sup> Excludes railroads.

<sup>5</sup> Less than 1 percent.

NOTE: Because of rounding, percentages may not add to 100.

**Table 10. Causes of fatalities resulting from occupational injury and illness in 1979 and 1980<sup>1</sup> in units with 11 employees or more, private sector, by industry division, distribution by cause**

(In percent)

Cause <sup>2/</sup>	Total <sup>3/</sup>	Agriculture, forestry, and fishing	Mining--oil and gas extraction only	Construction	Manufacturing	Transportation and public utilities <sup>4/</sup>	Wholesale and retail trade	Finance, insurance, and real estate	Services
Over-the-road motor vehicles..	100	3	4	11	16	28	26	5	7
Heart attacks.....	100	4	5	17	22	15	21	6	11
Industrial vehicles or equipment.....	100	6	11	30	33	9	4	1	6
Falls.....	100	1	6	48	27	7	3	2	7
Electrocutions.....	100	2	11	30	22	20	7	(5)	9
Aircraft crashes.....	100	4	11	5	19	40	11	6	5
Struck by objects other than vehicles or equipment.....	100	5	6	28	40	13	8	(5)	1
Plant machinery operations....	100	1	1	6	79	2	8	0	3
Gun shots.....	100	(5)	0	1	7	11	70	1	11
Caught in, under, or between objects other than vehicles or equipment.....	100	1	2	47	40	5	5	0	1
Fires.....	100	5	5	6	56	13	11	0	5
Explosions.....	100	2	4	28	47	12	7	0	1
Gas inhalation.....	100	3	2	22	59	7	3	0	5
All other.....	100	2	5	12	24	16	12	1	29

<sup>1</sup> It is impossible to estimate year-to-year changes precisely because at the industry division level sampling errors are large. Therefore, the results are for both years rather than a comparison between them.

<sup>2</sup> Cause is defined as the object or event associated with the fatality.

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

<sup>4</sup> Excludes railroads.

<sup>5</sup> Less than 1 percent.

NOTE: Because of rounding, percentages may not add to 100.



# Appendix A. Scope of Survey and Technical Notes

## Scope of survey

The occupational injury and illness data reported through the annual survey are based on records which employers in the following industries maintain under the Occupational Safety and Health Act: 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 are 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.

Data conforming to definitions of recordable occupational injuries and illnesses for coal, metal, and nonmetal mining, and railroad transportation are provided by the Mine Safety and Health Administration, Department of Labor, and the Federal Railroad Administration, Department of Transportation.

The Occupational Safety and Health Administration is responsible for the collection and compilation of comparable data for Federal agencies. Although State and local government agencies are not surveyed for national estimates, several States have legislation which enables them to collect data for this sector.

The 1980 survey sample was composed of approximately 285,000 sample units. Original and follow-up mailings resulted in a usable response rate of 93 percent.

## Sample

The sample is selected to represent private industries in the States and territories. The survey results are used to produce estimates of the incidence of occupational injuries and illnesses by industry and employment size for the Nation as a whole.

Because the survey is a Federal-State cooperative program and the data must also meet the needs of participating State agencies, an independent sample is selected for each State. The universe frame is stratified into industries and then into employment-size groups. For an industry, the establishments in the sample are distributed to each size group in proportion to the total establishments and the variation within the size group.

The sampling ratios for the various employment-size groups range from all units above a certain size class which are selected with certainty through declining proportions in each smaller employment-size group. The certainty strata are usually the size groups with more than 100 employees, although smaller size groups may be included with certainty depending upon the total employment in the industry. The sampling ratios are used to select a sample within a State-industry-employment-size group estimating cell.

## Estimating procedures and weighting

Using a weighting procedure, sample units are made to represent all units in their size class for a particular industry. Each sample member is assigned a weight. Weights are determined by the inverse of the sampling ratios for the size class from which the unit is selected. Each year a small proportion of employees do not return usable report forms. Weights of responding units in a sample cell are adjusted to account for the nonresponding units in the cell. The responding units are then shifted into the estimating cell determined by the employment and business activity reported. Data for each unit are multiplied by the appropriate weight and nonresponse adjustment factor. The products are then aggregated to obtain a total for the estimating cell.

*Benchmarking.* Data are further adjusted to reflect the actual employment in an industry during the survey year. Since the universe file which provides the sample frame is not current to the reference year of the survey, it is necessary to "benchmark" the data to reflect current employment levels. The benchmarking procedure relates the employment estimate used in sampling to actual employment for 1980. The ratio of the actual employment to the weighted sample employment is called the benchmark factor. The weighted characteristic of the estimating cell is multiplied by the benchmark factor so that the cell becomes more representative of the universe for 1980.

## Federal-State cooperation

To eliminate duplicate reporting by respondents and to insure maximum comparability of estimates, survey respondents complete a single reporting form which is then used for national and State estimates.



## **Industrial classification**

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

## **Reliability of estimates**

All estimates derived from a sample survey are subject to two types of errors—sampling and nonsampling.

Sampling errors occur because observations are made only on a sample, not on the entire population. The estimates which are based on the different possible samples of the same size and sample design could differ from each other. As part of the survey's estimation process, the relative standard errors, which are a measure of the sampling error in the estimates, are calculated.

When applied to the estimates, the sampling error serves to define the confidence intervals or ranges that would include the comparable complete coverage value. The chances are about 2 out of 3 that the estimate would have been produced in the range of 1 standard error above to 1 standard error below the estimated value, and about 19 out of 20 that the estimate would have been in the range of 2 standard errors above and below the estimated value.

As an example of the use of relative standard errors, the total case incidence rate for general building contractors (SIC 15) is 15.5 per 100 full-time workers, with a sampling error of 1 percent. The chances are 2 out of 3 that a complete census would produce a rate between 15.7 and 15.3, and the chances are 19 out of 20 that the rate produced from a complete count would be between 15.8 and 15.2. Similarly, the number of occupational injuries and illnesses estimated for SIC 15 was 156,100 with a relative error of 1 percent. Thus, the chances are 2 out of 3 that a census would show a number between 157,700 and 154,500 and 19 out of 20 that the number would be within range of 159,200 and 153,000.

Nonsampling errors in the estimates can be attributed to many sources, e.g., inability to obtain information on all injuries and illnesses from the sample units, mistakes in recording or coding the data obtained, definitional difficulties, etc. To minimize the nonsampling errors in the estimates, the completed forms are screened through comprehensive edit procedures. Apparent inconsistencies are checked through follow-up contacts with the employers.

## **Publication guidelines**

The estimating procedure generates occupational injury and illness estimates for approximately 835 SIC codes. This publication, however, excludes estimates for several industry codes if one of the following situations occurred:

1. Estimates for the industry 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. 1980 annual average employment for the industry was fewer than 10,000. However, an industry with an annual average employment of fewer than 10,000 was published if the majority of the employment was reported in the survey.

3. The relative standard error on lost workday cases for the industry at 1 standard error was more than 15 percent in manufacturing and 20 percent in non-manufacturing.

4. Benchmark factor for the industry 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. Also, selected items of data were suppressed for publishable industries if the sampling error for the estimate equaled or exceeded 60 percent.



**Table A-1. Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Private sector.....		(3)	1	1	1	(3)	1	1	1
Agriculture, forestry, and fishing.....		2	4	2	4	2	4	2	4
Agricultural production.....	01-02	3	5	3	5	3	5	3	5
Agricultural services.....	07	3	4	4	6	3	4	4	6
Forestry.....	08	6	8	7	15	6	8	7	16
Fishing, hunting, and trapping.....	09	11	15	14	22	11	14	13	22
Mining.....									
Oil and gas extraction.....	13	2	3	3	4	2	3	3	4
Crude petroleum and natural gas.....	131	6	8	7	13	6	8	7	13
Natural gas liquids.....	132	12	19	13	40	13	21	13	51
Oil and gas field services.....	138	3	3	4	4	3	3	4	4
Construction.....		1	1	1	2	1	1	1	2
General building contractors.....	15	1	2	2	3	1	2	2	3
Residential building construction.....	152	2	3	3	5	2	3	3	5
Operative builders.....	153	4	5	5	10	4	5	5	10
Nonresidential building construction.....	154	2	2	2	4	2	2	2	4
Heavy construction contractors.....	16	2	2	2	3	2	2	2	3
Highway and street construction.....	161	2	3	3	6	2	3	3	6
Heavy construction, except highway.....	162	2	3	3	4	2	3	3	4
Special trade contractors.....	17	1	1	1	2	1	1	1	2
Plumbing, heating, and air-conditioning... ..	171	2	2	2	4	2	2	2	4
Painting, paperhanging, and decorating....	172	5	6	6	11	5	6	6	11
Electrical work.....	173	2	3	2	5	2	3	2	5
Masonry, stonework, and plastering.....	174	3	3	3	6	3	3	3	6
Carpentering and flooring.....	175	5	5	6	9	5	5	6	9
Roofing and sheet-metal work.....	176	3	4	4	5	3	4	4	5
Concrete work.....	177	4	5	5	8	4	5	5	8
Water well drilling.....	178	5	6	7	12	5	6	7	12
Miscellaneous special trade contractors... ..	179	3	3	4	6	3	3	4	6
Manufacturing.....		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Durable goods.....		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Lumber and wood products.....	24	1	1	1	1	1	1	1	1
Logging camps and logging contractors.....	241	2	3	3	4	2	3	3	4
Sawmills and planing mills.....	242	1	2	2	2	1	2	2	2
Sawmills and planing mills, general.....	2421	2	2	2	2	2	2	2	2
Hardwood dimension and flooring.....	2426	3	3	3	7	3	3	3	7
Special product sawmills, n.e.c.....	2429	7	9	8	12	7	9	8	12
Millwork, plywood, and structural members.....	243	1	1	1	2	1	1	1	2
Millwork.....	2431	2	2	2	3	2	2	2	3
Wood kitchen cabinets.....	2434	3	3	3	8	2	4	3	8
Hardwood veneer and plywood.....	2435	3	4	3	6	3	4	3	6
Softwood veneer and plywood.....	2436	2	2	3	3	2	2	4	3
Structural wood members, n.e.c.....	2439	3	3	5	6	3	3	5	5
Wood containers.....	244	2	3	3	5	3	3	3	5
Nailed wood boxes and shooks.....	2441	4	4	5	6	4	4	5	6
Wood pallets and skids.....	2448	4	6	4	8	4	6	4	8
Wood containers, n.e.c.....	2449	3	4	3	7	3	4	3	7
Wood buildings and mobile homes.....	245	2	2	2	2	2	2	2	2
Mobile homes.....	2451	2	2	3	2	2	3	3	2
Prefabricated wood buildings.....	2452	3	4	4	4	3	3	4	4
Miscellaneous wood products.....	249	2	2	2	3	2	2	2	3
Wood preserving.....	2491	3	5	4	5	3	5	4	5
Particleboard.....	2492	4	3	6	2	4	3	6	2
Wood products, n.e.c.....	2499	2	3	3	4	2	3	2	4

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Furniture and fixtures.....	25	1	1	1	2	1	1	1	2
Household furniture.....	251	1	2	2	3	1	2	2	3
Wood household furniture.....	2511	2	3	3	4	2	3	3	4
Upholstered household furniture.....	2512	2	3	3	4	2	3	3	4
Metal household furniture.....	2514	3	3	3	5	3	3	3	5
Mattresses and bedsprings.....	2515	4	4	4	7	4	4	4	7
Wood TV and radio cabinets.....	2517	5	5	6	29	6	6	6	33
Household furniture, n.e.c.....	2519	7	6	9	9	6	6	9	9
Office furniture.....	252	2	2	2	2	2	3	2	2
Wood office furniture.....	2521	3	3	4	4	4	3	5	4
Metal office furniture.....	2522	2	2	3	2	2	2	3	2
Public building and related furniture.....	253	1	2	2	3	2	2	2	3
Partitions and fixtures.....	254	3	4	4	7	3	4	4	8
Wood partitions and fixtures.....	2541	5	6	6	10	5	6	7	10
Metal partitions and fixtures.....	2542	3	4	4	11	3	4	4	11
Miscellaneous furniture and fixtures.....	259	8	6	11	8	8	6	11	8
Drapery hardware and blinds and shades..	2591	4	3	5	3	4	3	6	3
Furniture and fixtures, n.e.c.....	2599	16	13	22	17	16	13	22	17
Stone, clay, and glass products.....	32	1	1	1	1	1	1	1	1
Flat glass.....	321	2	2	2	2	2	2	2	2
Glass and glassware, pressed or blown.....	322	2	2	2	2	2	2	2	2
Glass containers.....	3221	2	3	3	2	2	3	3	2
Pressed and blown glass, n.e.c.....	3229	2	3	3	2	2	3	3	2
Products of purchased glass.....	323	3	4	4	5	3	4	4	5
Structural clay products.....	325	2	3	2	4	2	3	2	4
Brick and structural clay tile.....	3251	3	4	3	5	3	4	3	5
Ceramic wall and floor tile.....	3253	4	4	4	4	4	4	4	4
Clay refractories.....	3255	5	9	6	8	5	9	6	9
Structural clay products, n.e.c.....	3259	5	4	7	5	5	4	7	5
Pottery and related products.....	326	2	3	3	4	3	3	4	4
Vitreous plumbing fixtures.....	3261	6	5	9	8	6	5	9	8
Vitreous china food utensils.....	3262	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Fine earthenware food utensils.....	3263	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Porcelain electrical supplies.....	3264	3	5	3	8	3	5	3	8
Pottery products, n.e.c.....	3269	4	5	6	18	4	5	6	19
Concrete, gypsum, and plaster products.....	327	2	2	2	3	2	2	2	3
Concrete block and brick.....	3271	3	5	4	8	3	5	4	8
Concrete products, n.e.c.....	3272	3	3	3	4	2	3	3	4
Ready-mix concrete.....	3273	2	3	3	5	2	3	3	5
Lime.....	3274	6	5	13	6	6	5	13	6
Gypsum products.....	3275	3	5	3	5	3	5	3	5
Cut stone and stone products.....	328	6	7	7	11	6	7	7	11
Miscellaneous nonmetallic mineral products.....	329	1	2	2	2	2	2	2	2
Abrasive products.....	3291	4	5	4	5	4	5	4	5
Asbestos products.....	3292	3	2	4	2	3	2	5	2
Gaskets, packing, and sealing devices...	3293	4	5	6	7	4	5	6	7
Mineral wool.....	3296	3	3	4	4	3	3	5	4
Nonclay refractories.....	3297	3	4	3	6	3	4	3	6
Nonmetallic mineral products, n.e.c.....	3299	10	12	13	15	10	12	12	17
Primary metal industries.....	33	1	1	1	1	1	1	1	1
Blast furnace and basic steel products...	331	3	3	3	3	3	3	3	3
Blast furnaces and steel mills.....	3312	4	5	4	4	4	5	5	4
Electrometallurgical products.....	3313	3	5	3	1	3	5	3	1
Steel wire and related products.....	3315	5	5	7	9	5	5	7	9
Cold finishing of steel shapes.....	3316	3	4	4	5	3	4	4	5
Steel pipe and tubes.....	3317	7	7	7	8	7	7	7	8
Iron and steel foundries.....	332	1	1	2	2	1	1	2	2
Gray iron foundries.....	3321	2	2	3	3	2	2	3	3
Malleable iron foundries.....	3322	2	2	2	2	2	2	2	2
Steel investment foundries.....	3324	2	2	2	4	2	2	2	4
Steel foundries, n.e.c.....	3325	2	2	3	2	2	2	3	2

See footnotes at end of table.



Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Primary nonferrous metals.....	333	2	3	2	2	2	3	2	2
Primary copper.....	3331	6	2	9	4	6	3	10	5
Primary lead.....	3332	3	7	3	5	4	10	3	4
Primary zinc.....	3333	13	11	23	2	13	11	23	2
Primary aluminum.....	3334	3	5	2	4	3	5	2	4
Primary nonferrous metals, n.e.c.....	3339	1	1	(3)	7	1	1	(3)	7
Secondary nonferrous metals.....	334	3	3	5	4	3	4	5	4
Nonferrous rolling and drawing.....	335	1	2	2	2	1	2	2	2
Copper rolling and drawing.....	3351	3	4	3	3	3	4	3	3
Aluminum sheet, plate, and foil.....	3353	2	2	2	1	2	2	2	1
Aluminum extruded products.....	3354	2	3	3	3	2	3	3	3
Aluminum rolling and drawing, n.e.c.....	3355	1	1	2	5	2	1	2	5
Nonferrous rolling and drawing, n.e.c.....	3356	3	3	3	3	3	3	3	3
Nonferrous wire drawing and insulating..	3357	3	4	3	4	3	4	4	4
Nonferrous foundries.....	336	3	3	3	4	3	3	3	4
Aluminum foundries.....	3361	4	5	5	7	4	5	6	7
Brass, bronze, and copper foundries.....	3362	3	3	4	5	3	3	4	5
Nonferrous foundries, n.e.c.....	3369	3	4	4	5	3	4	4	5
Miscellaneous primary metal products.....	339	3	4	4	6	3	4	4	6
Metal heat treating.....	3398	3	4	4	6	3	4	4	6
Primary metal products, n.e.c.....	3399	7	8	8	13	7	8	8	13
Fabricated metal products.....	34	1	1	1	1	1	1	1	1
Metal cans and shipping containers.....	341	2	2	2	3	2	2	2	3
Metal cans.....	3411	2	2	2	3	2	2	2	3
Metal barrels, drums, and pails.....	3412	5	7	7	7	5	7	7	7
Cutlery, handtools, and hardware.....	342	1	2	2	2	2	2	2	2
Cutlery.....	3421	2	3	3	5	2	3	3	5
Hand and edge tools, n.e.c.....	3423	3	4	3	4	3	4	3	5
Handsaws and saw blades.....	3425	2	2	3	7	3	2	4	7
Hardware, n.e.c.....	3429	2	3	2	3	2	3	2	3
Plumbing and heating, except electric....	343	2	3	3	4	2	3	3	4
Metal sanitary ware.....	3431	4	5	6	8	4	5	6	8
Plumbing fittings and brass goods.....	3432	3	3	3	4	3	3	3	4
Heating equipment, except electric.....	3433	4	5	4	7	4	5	4	7
Fabricated structural metal products.....	344	1	1	1	1	1	1	1	1
Fabricated structural metal.....	3441	2	2	2	2	2	2	2	2
Metal doors, sash, and trim.....	3442	2	2	2	4	2	2	2	4
Fabricated plate work.....	3443	2	2	3	3	2	2	3	3
Sheet-metal work.....	3444	2	2	2	3	2	2	2	3
Architectural metal work.....	3446	3	4	4	5	3	4	4	5
Prefabricated metal buildings.....	3448	3	3	3	5	3	3	3	5
Screw machine products, bolts, etc.....	345	2	2	2	3	2	2	2	3
Screw machine products.....	3451	3	4	3	5	3	4	3	5
Bolts, nuts, rivets, and washers.....	3452	2	2	2	3	2	2	2	3
Metal forgings and stampings.....	346	2	2	2	2	2	2	2	2
Iron and steel forgings.....	3462	3	4	5	4	3	4	5	4
Nonferrous forgings.....	3463	8	6	12	2	9	6	12	2
Automotive stampings.....	3465	3	4	4	5	4	4	4	5
Crowns and closures.....	3466	3	3	5	3	3	3	5	3
Metal stampings, n.e.c.....	3469	2	3	3	4	3	3	3	4
Metal services, n.e.c.....	347	2	3	2	5	2	3	2	5
Plating and polishing.....	3471	2	3	3	5	2	3	3	5
Metal coating and allied services.....	3479	4	5	4	9	4	5	4	9
Ordnance and accessories, n.e.c.....	348	2	3	2	2	2	3	2	2
Small arms ammunition.....	3482	6	11	6	9	6	11	6	10
Ammunition, except for small arms, n.e.c.....	3483	4	7	4	4	4	7	4	4
Small arms.....	3484	2	2	3	1	3	2	4	1
Ordnance and accessories, n.e.c.....	3489	3	3	5	3	3	3	5	3
Miscellaneous fabricated metal products...	349	2	2	2	2	2	2	2	3
Steel springs, except wire.....	3493	5	4	7	7	5	4	7	7
Valves and pipe fittings.....	3494	3	3	3	4	3	3	4	4
Wire springs.....	3495	5	5	6	6	5	5	6	6
Miscellaneous fabricated wire products..	3496	3	3	4	6	3	3	4	6
Metal foil and leaf.....	3497	9	9	11	7	9	10	11	7
Fabricated pipe and fittings.....	3498	3	3	4	4	3	3	4	4
Fabricated metal products, n.e.c.....	3499	3	4	4	6	3	4	4	6

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Machinery, except electrical.....	35	1	1	1	1	1	1	1	1
Engines and turbines.....	351	2	2	3	3	2	3	3	3
Turbines and turbine generator sets.....	3511	4	3	4	5	4	4	5	5
Internal combustion engines, n.e.c.....	3519	3	3	3	3	3	3	3	3
Farm and garden machinery.....	352	2	2	2	3	2	2	2	3
Farm machinery and equipment.....	3523	2	2	3	3	2	2	3	3
Lawn and garden equipment.....	3524	3	4	4	7	3	4	4	7
Construction and related machinery.....	353	1	2	2	2	1	2	2	2
Construction machinery.....	3531	3	2	4	3	3	3	4	3
Mining machinery.....	3532	2	2	3	3	2	2	3	3
Oil field machinery.....	3533	3	4	4	6	3	4	4	6
Elevators and moving stairways.....	3534	4	6	4	6	5	6	4	6
Conveyors and conveying equipment.....	3535	3	4	4	4	4	4	4	4
Hoists, cranes, and monorails.....	3536	4	3	5	10	4	3	5	10
Industrial trucks and tractors.....	3537	4	3	5	4	4	3	6	4
Metalworking machinery.....	354	1	1	1	2	1	1	1	2
Machine tools, metal cutting types.....	3541	2	3	3	3	2	3	3	3
Machine tools, metal forming types.....	3542	3	3	3	2	3	3	3	2
Special dies, tools, jigs, and fixtures.....	3544	2	3	2	5	2	3	2	5
Machine tool accessories.....	3545	3	4	3	4	3	4	3	4
Power driven handtools.....	3546	4	4	3	4	4	5	4	3
Rolling mill machinery.....	3547	3	2	4	2	3	2	4	2
Metalworking machinery, n.e.c.....	3549	3	3	4	4	3	3	4	4
Special industry machinery.....	355	2	2	2	3	2	2	2	3
Food products machinery.....	3551	3	3	3	5	3	3	3	5
Textile machinery.....	3552	6	9	5	6	5	8	5	6
Woodworking machinery.....	3553	5	4	6	5	5	4	6	5
Paper industries machinery.....	3554	2	4	2	8	2	3	2	8
Printing trades machinery.....	3555	5	7	5	11	5	7	5	12
Special industry machinery, n.e.c.....	3559	3	3	3	4	3	3	3	4
General industrial machinery.....	356	1	1	1	2	1	1	2	2
Pumps and pumping equipment.....	3561	3	4	3	6	3	3	4	6
Ball and roller bearings.....	3562	3	4	4	6	3	4	4	6
Air and gas compressors.....	3563	3	4	5	3	3	4	5	3
Blowers and fans.....	3564	3	4	4	5	3	4	4	6
Industrial patterns.....	3565	5	7	6	13	5	7	6	13
Speed changers, drives, and gears.....	3566	3	4	3	4	3	3	3	4
Industrial furnaces and ovens.....	3567	3	4	4	4	3	4	3	4
Power transmission equipment, n.e.c.....	3568	3	3	4	3	3	3	4	3
General industrial machinery, n.e.c.....	3569	4	4	5	6	4	5	5	6
Office and computing machines.....	357	2	2	2	2	2	2	2	2
Typewriters.....	3572	9	9	12	12	9	8	12	9
Electronic computing equipment.....	3573	2	2	3	3	2	2	3	3
Scales and balances, except laboratory..	3576	5	7	6	7	5	8	6	7
Office machines, n.e.c.....	3579	2	4	3	4	2	4	3	4
Refrigeration and service machinery.....	358	2	2	2	3	2	2	2	3
Automatic merchandising machines.....	3581	1	1	1	2	1	1	1	2
Commercial laundry equipment.....	3582	4	3	5	9	4	3	5	9
Refrigeration and heating equipment.....	3585	3	3	4	4	3	3	4	4
Measuring and dispensing pumps.....	3586	1	1	1	1	1	1	1	2
Service industry machinery, n.e.c.....	3589	3	4	4	5	3	4	4	5
Miscellaneous machinery, except electrical.....	359	3	3	3	6	3	3	3	6
Carburetors, pistons, rings, valves.....	3592	2	2	3	3	2	3	3	3
Machinery, except electrical, n.e.c.....	3599	3	4	3	6	3	4	3	6
Electric and electronic equipment.....	36	1	1	1	1	1	1	1	1
Electric distributing equipment.....	361	3	3	3	5	3	3	3	5
Transformers.....	3612	4	5	4	5	4	5	4	5
Switchgear and switchboard apparatus....	3613	4	5	5	7	4	5	5	8
Electrical industrial apparatus.....	362	2	2	3	3	2	2	3	3
Motors and generators.....	3621	3	4	3	4	3	4	3	4
Industrial controls.....	3622	6	5	7	7	6	5	7	6
Welding apparatus, electric.....	3623	2	2	3	5	2	2	2	5
Carbon and graphite products.....	3624	4	4	6	3	4	4	6	3
Electrical industrial apparatus, n.e.c..	3629	6	6	7	7	6	6	7	7
Household appliances.....	363	1	1	1	2	1	1	1	2
Household cooking equipment.....	3631	2	4	3	5	2	5	3	5
Household refrigerators and freezers....	3632	1	1	1	4	1	1	1	4
Household laundry equipment.....	3633	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)
Electric housewares and fans.....	3634	3	3	3	3	3	3	3	4
Household vacuum cleaners.....	3635	2	2	2	1	2	2	2	1
Sewing machines.....	3636	3	5	4	8	4	5	4	8
Household appliances, n.e.c.....	3639	2	3	2	4	2	3	2	4

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Electric lighting and wiring equipment.....	364	2	2	2	2	2	2	2	2
Electric lamps.....	3641	6	8	7	8	6	8	7	8
Current-carrying wiring devices.....	3643	3	3	3	4	3	3	3	4
Noncurrent-carrying wiring devices.....	3644	2	2	2	2	2	2	2	2
Residential lighting fixtures.....	3645	3	4	4	4	3	4	4	4
Commercial lighting fixtures.....	3646	4	5	4	5	4	4	4	5
Vehicular lighting equipment.....	3647	5	6	7	6	6	6	7	6
Radio and TV receiving equipment.....	365	3	4	4	4	3	4	4	4
Radio and TV receiving sets.....	3651	3	4	4	5	3	4	4	5
Phonograph records.....	3652	7	5	10	2	7	5	11	2
Communication equipment.....	366	3	3	3	2	3	3	3	2
Telephone and telegraph apparatus.....	3661	2	2	4	2	3	3	4	3
Radio and TV communication equipment.....	3662	3	4	4	4	3	4	4	4
Electronic components and accessories.....	367	2	2	2	2	2	2	2	2
Electron tubes, receiving type.....	3671	4	3	7	1	4	3	8	1
Cathode ray television picture tubes.....	3672	(3)	(3)	1	(3)	(3)	(3)	1	(3)
Electron tubes, transmitting.....	3673	3	4	4	7	3	4	5	6
Semiconductors and related devices.....	3674	3	3	4	4	3	3	4	4
Electronic capacitors.....	3675	6	5	8	6	6	5	8	7
Electronic resistors.....	3676	3	2	4	1	3	2	5	1
Electronic coils and transformers.....	3677	4	4	5	6	4	4	5	5
Electronic connectors.....	3678	6	6	6	9	6	6	7	10
Electronic components, n.e.c.....	3679	3	3	3	4	3	3	3	4
Miscellaneous electrical equipment and supplies.....	369	3	3	4	3	3	3	4	3
Storage batteries.....	3691	3	4	3	5	3	4	4	5
Primary batteries, dry and wet.....	3692	3	4	4	3	3	4	3	3
X-ray apparatus and tubes.....	3693	4	5	6	9	4	5	6	9
Engine electrical equipment.....	3694	3	3	5	4	4	4	5	4
Electrical equipment and supplies, n.e.c.....	3699	20	11	31	14	19	11	30	14
Transportation equipment.....	37	1	1	1	1	1	1	1	1
Motor vehicles and equipment.....	371	2	2	2	3	2	2	2	3
Motor vehicles and car bodies.....	3711	3	4	4	4	3	3	4	4
Truck and bus bodies.....	3713	3	3	3	5	3	3	3	5
Motor vehicle parts and accessories.....	3714	3	3	3	4	3	3	3	4
Truck trailers.....	3715	3	4	3	4	3	4	3	4
Self-contained mobile homes.....	3716	10	9	15	10	10	9	15	10
Aircraft and parts.....	372	2	2	2	3	2	2	3	2
Aircraft.....	3721	4	4	5	6	4	5	5	7
Aircraft engines and engine parts.....	3724	3	3	4	3	3	3	5	3
Aircraft equipment, n.e.c.....	3728	2	3	3	5	2	3	3	4
Ship and boat building and repairing.....	373	1	2	2	2	1	2	2	2
Ship building and repairing.....	3731	2	2	2	2	2	2	2	2
Boat building and repairing.....	3732	3	4	4	5	3	4	4	5
Railroad equipment.....	374	2	3	3	2	2	3	3	2
Motorcycles, bicycles, and parts.....	375	2	3	3	3	2	3	3	3
Guided missiles, space vehicles, and parts.....	376	3	1	5	1	3	2	5	1
Guided missiles and space vehicles.....	3761	4	2	7	1	4	2	7	1
Space propulsion units and parts.....	3764	2	1	4	3	2	2	3	3
Space vehicle equipment, n.e.c.....	3769	3	4	5	3	4	5	6	3
Miscellaneous transportation equipment.....	379	3	3	4	8	3	3	4	8
Travel trailers and campers.....	3792	4	4	5	16	4	4	5	16
Tanks and tank components.....	3795	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Transportation equipment, n.e.c.....	3799	6	6	7	9	6	7	7	9
Instruments and related products.....	38	1	1	1	2	1	2	2	2
Engineering and scientific instruments.....	381	4	5	5	5	5	5	5	5
Measuring and controlling devices.....	382	2	2	2	3	2	3	3	3
Environmental controls.....	3822	5	7	5	5	5	7	6	6
Process control instruments.....	3823	4	5	5	5	4	5	5	5
Fluid meters and counting devices.....	3824	7	7	9	6	7	7	9	6
Instruments to measure electricity.....	3825	3	2	4	4	3	3	4	4
Measuring and controlling devices, n.e.c.....	3829	6	7	6	14	6	7	7	14
Optical instruments and lenses.....	383	5	6	6	6	5	6	7	7

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Medical instruments and supplies.....	384	2	3	3	4	2	3	3	4
Surgical and medical instruments.....	3841	3	4	4	3	3	4	4	4
Surgical appliances and supplies.....	3842	4	5	5	6	4	6	5	6
Dental equipment and supplies.....	3843	5	6	6	12	5	6	6	13
Ophthalmic goods.....	385	4	5	5	11	4	5	5	12
Photographic equipment and supplies.....	386	3	3	3	3	4	4	3	3
Watches, clocks, and watchcases.....	387	6	7	8	8	6	7	9	7
Miscellaneous manufacturing industries.....	39	1	1	1	2	1	1	1	2
Jewelry, silverware, and plated ware.....	391	3	4	4	6	3	4	4	6
Jewelry, precious metal.....	3911	5	7	7	13	6	8	7	14
Silverware and plated ware.....	3914	3	4	5	5	3	4	5	5
Jewelers' materials and lapidary work...	3915	7	9	8	18	7	8	9	19
Musical instruments.....	393	5	4	6	4	5	4	7	4
Toys and sporting goods.....	394	2	3	3	4	2	3	3	4
Dolls.....	3942	8	6	10	15	8	6	10	15
Games, toys, and children's vehicles....	3944	4	5	5	7	4	5	5	7
Sporting and athletic goods, n.e.c.....	3949	3	3	4	4	3	4	4	5
Pens, pencils, office and art supplies....	395	3	3	3	4	3	4	3	4
Pens and mechanical pencils.....	3951	4	5	6	5	4	5	5	5
Lead pencils and art goods.....	3952	2	2	3	3	2	2	3	3
Marking devices.....	3953	7	8	8	10	6	8	8	10
Carbon paper and inked ribbons.....	3955	8	11	9	12	8	11	9	12
Costume jewelry and notions.....	396	2	3	3	4	2	3	3	4
Costume jewelry.....	3961	4	4	4	7	3	4	4	7
Artificial flowers.....	3962	9	9	9	13	9	9	9	13
Buttons.....	3963	10	11	13	16	10	10	13	16
Needles, pins, and fasteners.....	3964	3	4	4	5	3	3	4	5
Miscellaneous manufactures.....	399	2	3	2	3	2	3	2	3
Brooms and brushes.....	3991	3	4	4	5	4	4	4	5
Signs and advertising displays.....	3993	4	5	4	6	4	5	4	6
Burial caskets.....	3995	3	4	4	6	3	4	4	6
Hard surface floor coverings.....	3996	4	2	8	3	4	2	8	3
Manufacturing industries, n.e.c.....	3999	4	5	4	5	4	5	5	5
Nondurable goods.....		(3)	(3)	(3)	1	(3)	(3)	(3)	1
Food and kindred products.....	20	1	1	1	1	1	1	1	1
Meat products.....	201	1	1	2	1	1	1	2	2
Meatpacking plants.....	2011	2	2	2	2	2	2	2	2
Sausages and other prepared meats....	2013	3	3	3	3	3	3	3	4
Poultry dressing plants.....	2016	2	2	3	3	2	2	2	2
Poultry and egg processing.....	2017	3	4	3	4	3	4	3	4
Dairy products.....	202	1	2	2	3	1	2	2	3
Creamery butter.....	2021	6	8	8	16	6	8	8	16
Cheese, natural and processed.....	2022	4	6	4	8	4	6	4	8
Condensed and evaporated milk.....	2023	2	2	3	3	2	2	3	3
Ice cream and frozen desserts.....	2024	4	4	4	10	4	4	4	10
Fluid milk.....	2026	2	2	2	3	2	2	2	3
Preserved fruits and vegetables.....	203	2	2	2	3	2	2	3	3
Canned specialties.....	2032	3	4	3	11	3	4	3	11
Canned fruits and vegetables.....	2033	4	4	4	5	4	4	5	5
Dehydrated fruits, vegetables, soups...	2034	5	5	7	8	5	5	7	8
Pickles, sauces, and salad dressings...	2035	4	5	3	8	4	4	4	8
Frozen fruits and vegetables.....	2037	4	4	6	5	4	4	6	5
Frozen specialties.....	2038	3	4	4	8	3	4	4	8
Grain mill products.....	204	1	2	2	2	1	2	2	2
Flour and other grain mill products....	2041	2	3	3	4	2	3	3	4
Cereal breakfast foods.....	2043	2	3	2	3	2	3	2	3
Rice milling.....	2044	10	9	15	15	10	9	16	15
Blended and prepared flour.....	2045	4	5	5	6	4	5	5	6
Wet corn milling.....	2046	6	9	4	8	6	9	4	8
Dog, cat, and other pet food.....	2047	3	3	4	4	3	3	4	4
Prepared feeds, n.e.c.....	2048	3	3	3	5	3	3	3	5
Bakery products.....	205	2	3	2	3	2	3	3	3
Bread, cake, and related products....	2051	2	3	3	3	2	3	3	3
Cookies and crackers.....	2052	3	4	3	6	3	4	3	6

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Sugar and confectionery products.....	206	2	2	2	2	2	2	2	2
Raw cane sugar.....	2061	4	6	7	6	4	6	7	6
Cane sugar refining.....	2062	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Beet sugar.....	2063	5	6	7	4	5	6	7	7
Confectionery products.....	2065	3	4	3	4	3	4	3	4
Chocolate and cocoa products.....	2066	5	7	7	8	5	6	7	7
Chewing gum.....	2067	1	(3)	3	1	1	(3)	3	1
Fats and oils.....	207	1	2	2	2	1	2	2	2
Cottonseed oil mills.....	2074	3	3	4	4	3	3	4	4
Soybean oil mills.....	2075	5	7	8	7	5	7	8	7
Vegetable oil mills, n.e.c.....	2076	5	5	8	9	5	5	8	9
Animal and marine fats and oils.....	2077	2	3	3	4	2	3	3	4
Shortening and cooking oils.....	2079	3	6	4	5	2	5	4	5
Beverages.....	208	1	1	1	1	1	1	1	1
Malt beverages.....	2082	2	3	2	4	2	3	2	4
Malt.....	2083	4	3	6	4	4	2	6	4
Wines, brandy, and brandy spirits.....	2084	4	4	6	5	4	4	5	5
Distilled liquor, except brandy.....	2085	2	3	3	3	2	3	3	3
Bottled and canned soft drinks.....	2086	1	1	1	2	1	1	1	2
Flavoring extracts and syrups, n.e.c....	2087	5	6	6	10	5	6	6	10
Miscellaneous foods and kindred products..	209	2	3	2	3	2	3	2	3
Canned and cured seafoods.....	2091	5	7	6	9	6	7	7	10
Fresh or frozen packaged fish.....	2092	7	10	7	9	7	10	7	10
Roasted coffee.....	2095	5	5	6	9	5	5	6	5
Manufactured ice.....	2097	10	13	10	18	10	13	10	18
Macaroni and spaghetti.....	2098	5	5	7	9	5	5	7	9
Food preparations, n.e.c.....	2099	2	3	3	4	2	3	3	4
Tobacco manufactures.....	21	1	1	2	1	1	1	2	1
Cigarettes.....	211	1	2	1	1	1	2	1	1
Cigars.....	212	3	3	3	8	3	3	3	8
Chewing and smoking tobacco.....	213	2	1	3	2	2	1	3	2
Tobacco stemming and redrying.....	214	4	4	6	5	4	4	6	5
Textile mill products.....	22	1	1	1	1	1	1	1	1
Weaving mills, cotton.....	221	2	4	3	4	2	4	3	4
Weaving mills, synthetics.....	222	2	4	2	4	2	4	2	4
Weaving and finishing mills, wool.....	223	4	6	4	7	4	6	4	8
Narrow fabric mills.....	224	3	4	3	5	3	4	6	5
Knitting mills.....	225	2	3	3	3	2	3	2	3
Women's hosiery, except socks.....	2251	6	6	8	5	6	6	8	5
Hosiery, n.e.c.....	2252	4	5	5	10	4	5	5	10
Knit outerwear mills.....	2253	6	11	6	10	6	11	6	10
Knit underwear mills.....	2254	2	1	3	3	2	2	3	4
Circular knit fabric mills.....	2257	5	6	5	7	5	6	5	7
Warp knit fabric mills.....	2258	5	6	6	7	5	6	6	7
Knitting mills, n.e.c.....	2259	6	10	4	12	6	10	4	12
Textile finishing, except wool.....	226	3	4	2	4	3	4	3	4
Finishing plants, cotton.....	2261	5	7	4	7	5	7	4	7
Finishing plants, synthetics.....	2262	4	8	4	7	4	8	4	7
Finishing plants, n.e.c.....	2269	3	4	4	4	3	4	4	4
Floor covering mills.....	227	5	5	6	5	5	5	6	5
Woven carpets and rugs.....	2271	6	7	8	27	7	7	8	28
Tufted carpets and rugs.....	2272	5	5	6	5	6	5	6	5
Yarn and thread mills.....	228	2	3	2	4	2	3	2	4
Yarn mills, except wool.....	2281	3	4	3	6	3	4	3	7
Throwing and winding mills.....	2282	7	10	7	12	7	11	7	12
Wool yarn mills.....	2283	4	4	5	4	4	4	5	4
Thread mills.....	2284	3	5	3	2	3	5	3	2
Miscellaneous textile goods.....	229	2	2	3	3	2	3	3	3
Felt goods, except woven felts and hats.	2291	3	3	4	6	3	3	4	6
Lace goods.....	2292	17	7	27	14	16	7	26	14
Paddings and upholstery filling.....	2293	7	8	10	10	7	8	10	10
Processed textile waste.....	2294	11	12	12	17	11	13	11	18
Coated fabrics, not rubberized.....	2295	5	6	6	5	5	6	6	5
Nonwoven fabrics.....	2297	5	7	7	6	5	7	6	6
Cordage and twine.....	2298	4	5	5	6	3	5	5	6
Textile goods, n.e.c.....	2299	5	8	6	16	5	8	6	16

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code <u>1/</u>	Relative standard error (percent) <u>2/</u>							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Apparel and other textile products.....	23	1	1	1	2	1	1	1	2
Men's and boys' suits and coats.....	231	4	4	5	6	4	4	5	6
Men's and boys' furnishings.....	232	1	2	2	5	1	2	2	5
Men's and boys' shirts and nightwear...	2321	3	5	3	22	3	5	3	22
Men's and boys' underwear.....	2322	4	6	4	8	4	7	4	8
Men's and boys' separate trousers.....	2327	3	3	3	4	3	3	3	4
Men's and boys' work clothing.....	2328	3	3	3	5	2	3	3	5
Men's and boys' clothing, n.e.c.....	2329	4	4	5	7	4	4	5	7
Women's and misses' outerwear.....	233	3	3	3	6	3	3	3	5
Women's and misses' blouses and waists..	2331	4	6	4	7	4	6	4	7
Women's and misses' dresses.....	2335	5	7	6	15	6	7	6	14
Women's and misses' outerwear, n.e.c....	2339	3	3	3	5	3	3	3	5
Women's and children's undergarments.....	234	3	3	3	5	3	3	3	5
Women's and children's underwear.....	2341	3	3	4	6	3	3	4	6
Brassieres and allied garments.....	2342	6	5	7	7	6	5	7	7
Hats, caps, and millinery.....	235	9	12	9	17	9	12	10	17
Hats and caps, except millinery.....	2352	9	12	10	18	9	13	10	18
Children's outerwear.....	236	4	5	5	10	4	5	5	10
Children's dresses and blouses.....	2361	8	8	9	13	8	8	9	14
Children's coats and suits.....	2363	7	11	8	19	7	11	8	19
Children's outerwear, n.e.c.....	2369	6	7	7	18	6	7	7	18
Miscellaneous apparel and accessories....	238	3	4	4	6	3	4	4	6
Fabric dress and work gloves.....	2381	5	6	6	13	5	6	6	13
Robes and dressing gowns.....	2384	7	8	7	13	7	8	7	13
Waterproof outer garments.....	2385	6	6	8	12	6	6	8	12
Leather and sheep lined clothing.....	2386	13	15	15	11	13	15	15	11
Apparel belts.....	2387	8	9	9	19	8	9	9	19
Apparel and accessories, n.e.c.....	2389	14	14	16	8	14	14	16	8
Miscellaneous fabricated textile products.....	239	2	2	2	5	2	2	2	5
Curtains and draperies.....	2391	6	8	8	12	6	8	8	12
House furnishings, n.e.c.....	2392	3	4	3	7	3	5	3	7
Textile bags.....	2393	6	8	5	14	6	8	5	14
Canvas and related products.....	2394	5	7	5	15	5	7	5	16
Pleating and stitching.....	2395	6	8	7	12	6	8	7	11
Automotive and apparel trimmings.....	2396	8	8	10	16	8	8	10	17
Schiffli machine embroideries.....	2397	18	8	27	21	18	8	27	21
Fabricated textile products, n.e.c.....	2399	5	5	6	10	5	5	6	10
Paper and allied products.....	26	1	1	1	1	1	1	1	1
Pulp mills.....	261	3	3	3	1	3	3	3	2
Paper mills, except building paper.....	262	2	2	2	3	2	2	3	3
Paperboard mills.....	263	3	4	4	6	3	4	4	6
Miscellaneous converted paper products....	264	2	2	2	2	2	2	2	2
Paper coating and glazing.....	2641	3	3	3	4	3	3	3	4
Envelopes.....	2642	2	2	3	3	2	2	4	3
Bags, except textile bags.....	2643	3	3	3	4	3	3	3	4
Die-cut paper and board.....	2645	8	10	9	7	8	11	10	7
Pressed and molded pulp goods.....	2646	2	2	5	2	2	2	5	2
Sanitary paper products.....	2647	5	6	5	6	5	6	5	6
Stationery products.....	2648	5	6	7	7	5	6	7	6
Converted paper products, n.e.c.....	2649	6	7	9	8	6	7	9	8
Paperboard containers and boxes.....	265	1	2	2	2	1	2	2	2
Folding paperboard boxes.....	2651	3	4	3	4	3	4	3	4
Set-up paperboard boxes.....	2652	6	7	7	16	6	7	7	16
Corrugated and solid fiber boxes.....	2653	2	2	2	3	2	2	2	3
Sanitary food containers.....	2654	3	3	4	4	3	3	4	4
Fiber cans, drums, and similar products.....	2655	5	6	5	6	5	6	5	6
Building paper and board mills.....	266	3	4	5	3	3	4	5	3
Printing and publishing.....	27	1	1	1	2	1	1	1	2
Newspapers.....	271	1	2	2	3	1	2	2	3
Periodicals.....	272	7	8	9	12	7	9	9	12

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illness and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Books.....	273	3	4	3	8	3	4	3	8
Book publishing.....	2731	5	7	6	7	5	7	6	7
Book printing.....	2732	4	4	3	12	4	4	3	12
Miscellaneous publishing.....	274	6	9	7	17	6	9	7	18
Commercial printing.....	275	2	2	2	4	2	2	2	4
Commercial printing, letterpress.....	2751	3	3	3	6	3	3	4	6
Commercial printing, lithographic.....	2752	2	3	3	7	2	3	3	7
Engraving and plate printing.....	2753	4	5	6	7	5	5	7	7
Commercial printing, gravure.....	2754	4	3	6	3	4	3	6	3
Manifold business forms.....	276	3	3	3	5	3	3	3	4
Greeting card publishing.....	277	4	2	6	2	4	3	6	2
Blankbooks and bookbinding.....	278	3	3	3	5	3	3	3	5
Blankbooks and looseleaf binders.....	2782	4	4	4	5	4	4	4	5
Bookbinding and related work.....	2789	4	6	5	9	4	6	5	8
Printing trade services.....	279	9	15	7	-	9	15	8	-
Photoengraving.....	2793	10	14	11	42	11	14	12	42
Lithographic platemaking services.....	2795	10	14	9	10	10	14	9	10
Chemicals and allied products.....	28	1	1	1	2	1	1	1	2
Industrial inorganic chemicals.....	281	2	3	3	3	2	3	3	4
Alkalies and chlorine.....	2812	3	3	5	2	3	3	4	2
Industrial gases.....	2813	7	9	9	13	7	9	9	13
Inorganic pigments.....	2816	3	5	4	4	3	5	4	4
Industrial inorganic chemicals, n.e.c.....	2819	3	4	5	4	3	4	5	5
Plastics materials and synthetics.....	282	3	3	3	3	3	3	3	3
Plastics materials and resins.....	2821	4	4	4	6	4	4	5	5
Synthetic rubber.....	2822	4	4	5	6	4	4	5	6
Cellulosic manmade fibers.....	2823	4	4	5	5	5	4	5	5
Organic fibers, noncellulosic.....	2824	5	9	4	4	5	9	4	4
Drugs.....	283	2	3	3	3	2	3	3	3
Biological products.....	2831	7	12	7	3	7	13	7	3
Medicinals and botanicals.....	2833	4	5	4	7	3	5	4	7
Pharmaceutical preparations.....	2834	3	3	4	3	3	3	4	3
Soap, cleaners, and toilet goods.....	284	3	3	3	4	3	3	3	4
Soap and other detergents.....	2841	5	5	6	4	5	5	5	4
Polishes and sanitation goods.....	2842	4	5	5	10	4	5	5	11
Toilet preparations.....	2844	5	5	7	4	5	5	7	4
Paints and allied products.....	285	3	4	4	5	3	4	3	6
Industrial organic chemicals.....	286	4	5	4	6	3	4	5	7
Cyclic crudes and intermediates.....	2865	6	10	6	11	6	9	6	11
Industrial organic chemicals, n.e.c.....	2869	4	4	6	5	4	4	6	5
Agricultural chemicals.....	287	3	5	3	5	3	4	3	5
Nitrogenous fertilizers.....	2873	7	11	8	11	7	11	8	11
Phosphate fertilizers.....	2874	4	7	3	3	4	7	3	3
Fertilizers, mixing only.....	2875	5	8	5	13	5	8	6	13
Agricultural chemicals, n.e.c.....	2879	7	9	7	10	7	9	8	10
Miscellaneous chemical products.....	289	3	3	3	7	3	3	4	7
Adhesives and sealants.....	2891	5	4	7	8	5	4	7	8
Explosives.....	2892	7	7	10	12	7	7	10	13
Printing ink.....	2893	5	7	6	9	5	7	6	9
Carbon black.....	2895	15	13	20	16	15	13	20	16
Chemical preparations, n.e.c.....	2899	5	6	5	14	5	5	5	14
Petroleum and coal products.....	29	2	2	3	3	2	3	3	3
Petroleum refining.....	291	4	4	4	4	4	4	5	4
Paving and roofing materials.....	295	3	3	3	5	3	3	3	5
Paving mixtures and blocks.....	2951	6	7	7	13	6	7	7	13
Asphalt felts and coatings.....	2952	2	3	3	3	2	3	3	3
Miscellaneous petroleum and coal products.....	299	5	5	7	11	5	5	7	11
Lubricating oils and greases.....	2992	6	5	8	13	6	5	9	13
Petroleum and coal products, n.e.c.....	2999	6	9	5	4	6	9	5	4

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Rubber and miscellaneous plastics products..	30	1	1	2	2	1	1	2	2
Tires and inner tubes.....	301	2	2	4	3	2	2	4	3
Rubber and plastics footwear.....	302	4	5	4	6	3	4	4	5
Reclaimed rubber.....	303	9	6	23	10	9	6	23	10
Rubber and plastics hose and belting.....	304	2	2	3	3	2	2	3	3
Fabricated rubber products, n.e.c.....	306	2	3	3	3	2	3	3	3
Miscellaneous plastics products.....	307	2	2	2	3	2	2	2	3
Leather and leather products.....	31	1	1	2	2	1	1	2	2
Leather tanning and finishing.....	311	3	4	4	4	3	4	4	4
Boot and shoe cut stock and findings.....	313	4	5	5	6	4	5	5	7
Footwear, except rubber.....	314	1	2	2	3	1	2	2	3
House slippers.....	3142	3	3	4	7	3	3	4	7
Men's footwear, except athletic.....	3143	2	3	3	5	2	3	3	5
Women's footwear, except athletic.....	3144	3	3	4	3	3	2	4	3
Footwear, except rubber, n.e.c.....	3149	2	3	3	3	3	3	3	3
Luggage.....	316	6	6	8	11	6	6	8	11
Handbags and personal leather goods.....	317	4	4	5	9	4	4	5	10
Women's handbags and purses.....	3171	6	7	7	17	6	8	7	20
Personal leather goods, n.e.c.....	3172	6	5	7	5	6	5	7	5
Leather goods, n.e.c.....	319	7	9	7	19	7	9	7	19
Transportation and public utilities.....		1	1	1	2	1	1	1	1
Local and interurban passenger transit.....	41	3	3	3	4	3	3	3	4
Local and suburban transportation.....	411	5	5	6	7	5	6	6	7
Taxicabs.....	412	6	6	7	9	5	6	7	9
Intercity highway transportation.....	413	5	6	6	9	5	6	6	9
Transportation charter service.....	414	12	14	14	18	12	13	14	18
School buses.....	415	5	5	6	8	5	5	6	8
Trucking and warehousing.....	42	2	2	2	3	2	2	2	3
Trucking, local and long distance.....	421	2	2	2	3	2	2	2	3
Public warehousing.....	422	3	4	4	7	3	4	4	7
Trucking terminal facilities.....	423	7	7	10	13	7	7	10	13
Water transportation.....	44	5	4	7	5	5	4	7	5
Water transportation services.....	446	4	4	7	4	4	4	7	4
Transportation by air.....	45	1	2	2	2	1	2	2	2
Certificated air transportation.....	451	1	1	2	1	1	1	2	1
Noncertificated air transportation.....	452	14	13	21	23	14	14	19	25
Air transportation services.....	458	8	11	10	18	9	11	10	18
Pipelines, except natural gas.....	46	8	13	9	25	8	13	9	25
Transportation services.....	47	4	5	5	13	4	5	5	13
Freight forwarding.....	471	7	8	9	25	7	8	9	25
Miscellaneous transportation services.....	478	4	6	4	7	4	6	4	7
Communication.....	48	3	3	4	5	3	3	4	5
Telephone communication.....	481	3	3	5	5	3	3	5	5
Telegraph communication.....	482	11	11	18	20	11	11	18	20
Radio and television broadcasting.....	483	8	13	7	16	8	13	8	16
Communication services, n.e.c.....	489	10	13	12	21	10	13	12	21
Electric, gas, and sanitary services.....	49	1	1	2	2	1	1	2	2
Electric services.....	491	2	2	3	3	2	2	3	3
Gas production and distribution.....	492	2	2	3	3	2	2	3	3
Combination utility services.....	493	1	1	2	2	1	1	2	2
Water supply.....	494	11	17	12	23	11	17	11	24
Sanitary services.....	495	3	3	4	4	3	3	4	4
Wholesale and retail trade.....		2	2	2	3	2	2	2	3
Wholesale trade.....		3	3	3	5	3	3	3	5
Wholesale trade--durable goods.....	50	4	4	4	7	4	4	4	7
Motor vehicles and automotive equipment...	501	8	10	10	16	8	10	10	16
Lumber and construction materials.....	503	10	12	15	15	10	12	15	15
Metals and minerals, except petroleum....	505	10	12	12	16	10	12	12	16
Electrical goods.....	506	17	19	21	21	18	20	21	21
Hardware, plumbing and heating equipment..	507	12	15	15	31	12	15	15	31
Machinery, equipment and supplies.....	508	6	7	7	14	6	7	6	14
Miscellaneous durable goods.....	509	15	15	21	21	15	15	21	21

See footnotes at end of table.



Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Wholesale trade--nondurable goods.....	51	4	5	5	7	4	4	5	7
Paper and paper products.....	511	10	14	10	18	10	14	10	18
Groceries and related products.....	514	6	7	7	10	6	7	7	10
Farm-product raw materials.....	515	13	16	14	25	13	16	14	25
Petroleum and petroleum products.....	517	12	16	15	27	12	16	15	24
Beer, wine, and distilled beverages.....	518	8	9	11	16	8	9	11	16
Miscellaneous nondurable goods.....	519	10	12	13	22	10	11	13	23
Retail trade.....		2	2	2	4	2	2	2	4
Building materials and garden supplies.....	52	4	4	5	9	4	4	5	9
Lumber and other building materials.....	521	4	5	5	10	4	5	5	10
Hardware stores.....	525	9	11	11	20	9	11	11	20
Retail nurseries and garden stores.....	526	15	16	20	32	15	16	21	32
Mobile home dealers.....	527	18	17	35	32	18	17	35	32
General merchandise stores.....	53	2	3	3	5	3	3	3	5
Department stores.....	531	3	3	3	5	3	3	3	5
Variety stores.....	533	8	11	11	12	8	11	11	12
Food stores.....	54	3	4	4	5	3	4	4	5
Grocery stores.....	541	3	4	4	5	3	4	4	5
Automotive dealers and service stations.....	55	3	5	3	9	3	5	3	9
New and used car dealers.....	551	2	3	2	7	2	3	3	6
Auto and home supply stores.....	553	12	13	15	26	12	14	15	27
Gasoline service stations.....	554	9	12	11	20	9	12	11	20
Apparel and accessory stores.....	56	7	10	8	24	7	10	8	25
Women's ready-to-wear stores.....	562	9	13	10	35	9	14	10	35
Family clothing stores.....	565	9	10	12	27	9	10	12	27
Furniture and home furnishings stores.....	57	6	8	7	13	6	8	7	13
Furniture and home furnishings stores.....	571	7	9	8	18	7	9	8	18
Household appliance stores.....	572	13	17	17	22	13	17	17	22
Radio, television, and music stores.....	573	12	18	15	36	12	18	15	36
Eating and drinking places.....	58	5	7	6	17	5	7	6	17
Miscellaneous retail.....	59	6	7	8	18	6	7	8	18
Drug and proprietary stores.....	591	10	13	12	30	10	13	12	30
Nonstore retailers.....	596	10	8	14	13	10	8	14	13
Fuel and ice dealers.....	598	12	16	17	26	12	16	17	26
Finance, insurance, and real estate.....		4	5	4	13	4	5	4	8
Banking.....	60	4	5	5	10	4	5	5	11
Commercial and stock savings banks.....	602	5	5	6	12	5	5	6	12
Trust companies, nondeposit.....	604	9	(3)	13	(3)	9	(3)	13	(3)
Credit agencies other than banks.....	61	6	9	7	13	6	9	7	12
Savings and loan associations.....	612	4	5	6	9	4	5	6	9
Security, commodity brokers, and services... Security brokers and dealers.....	62 621	8 9	12 7	9 13	16 22	8 9	11 7	9 13	16 22
Insurance carriers.....	63	4	5	5	12	4	5	5	12
Life insurance.....	631	7	8	9	16	7	8	9	16
Medical service and health insurance.....	632	7	4	10	5	7	4	10	6
Fire, marine, and casualty insurance.....	633	6	8	7	27	6	8	7	28
Insurance agents, brokers, and service.....	64	10	16	12	18	10	16	12	19
Real estate.....	65	8	9	11	27	8	10	11	16
Real estate operators and lessors.....	651	9	12	12	46	9	11	12	19
Subdividers and developers.....	655	9	13	11	18	10	13	11	18
Holding and other investment offices.....	67	12	19	14	27	13	19	14	27
Services.....		2	2	2	3	2	2	2	3
Hotels and other lodging places.....	70	2	3	3	6	2	3	3	6
Hotels, motels, and tourist courts.....	701	3	3	3	6	2	3	3	6
Personal services.....	72	6	9	8	19	6	9	7	19
Laundry, cleaning, and garment services...	721	6	9	7	18	6	9	7	18
Business services.....	73	7	10	7	15	7	10	7	14
Services to buildings.....	734	12	15	14	16	12	15	15	16
Personnel supply services.....	736	13	16	16	23	13	16	16	23
Miscellaneous business services.....	739	12	17	11	26	11	15	12	24
Auto repair, services, and garages.....	75	5	7	6	14	5	7	6	14
Automotive rentals, without drivers.....	751	8	9	10	32	8	9	10	32
Automobile parking.....	752	14	17	16	23	14	17	16	23
Automotive repair shops.....	753	7	10	8	18	7	10	8	18

See footnotes at end of table.



**Table A-1. Continued—Relative standard errors for measures of occupational injuries and illnesses and occupational injuries by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/							
		Injuries and illnesses				Injuries			
		Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays	Total cases	Lost workday cases	Nonfatal cases without lost workdays	Lost workdays
Miscellaneous repair services.....	76	5	7	7	12	5	7	7	12
Electrical repair shops.....	762	9	12	11	24	9	12	11	26
Miscellaneous repair shops.....	769	7	8	8	13	7	9	8	13
Motion pictures.....	78	9	9	11	16	9	9	11	16
Motion picture production and services....	781	14	11	16	14	13	12	16	13
Motion picture theaters.....	783	11	14	13	27	11	14	13	27
Amusement and recreation services.....	79	10	12	11	12	10	12	12	12
Bowling and billiard establishments.....	793	16	18	20	29	16	18	20	28
Miscellaneous amusement, recreational services.....	799	6	7	7	9	6	7	7	9
Health services.....	80	2	2	3	3	2	2	3	3
Nursing and personal care facilities.....	805	6	6	8	8	6	6	8	8
Hospitals.....	806	2	1	3	2	2	1	3	2
Medical and dental laboratories.....	807	20	18	27	21	19	19	25	23
Legal services.....	81	10	17	12	-	10	17	12	-
Educational services.....	82	4	5	5	6	4	5	5	6
Colleges and universities.....	822	4	4	5	5	4	4	5	5
Social services.....	83	5	7	7	10	5	7	7	10
Individual and family services.....	832	14	18	15	26	14	19	15	26
Job training and related services.....	833	12	15	15	20	12	15	15	20
Residential care.....	836	8	8	12	13	8	8	12	13
Social services, n.e.c.....	839	11	14	13	17	11	14	13	17
Museums, botanical, zoological gardens.....	84	5	7	7	10	6	7	7	10
Museums and art galleries.....	841	6	9	7	15	6	9	7	15
Botanical and zoological gardens.....	842	10	10	13	10	10	10	13	10
Membership organizations.....	86	9	18	9	18	9	20	9	18
Civic and social associations.....	864	9	12	11	26	9	12	12	26
Miscellaneous services.....	89	9	11	10	17	9	12	10	17
Engineering and architectural services....	891	11	15	13	21	11	15	13	22
Noncommercial research organizations.....	892	12	17	12	35	13	17	12	36
Accounting, auditing, and bookkeeping....	893	19	19	23	21	19	19	23	21

1 Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.  
 2 See discussion on the reliability of estimates.  
 3 Relative standard error of zero or less than 0.5.  
 n.e.c. = not elsewhere classified.

NOTE: Dashes indicate that data do not meet publication guidelines. Relative standard errors were not calculated for the mining division, coal and lignite mining (SIC 11-12), metal and nonmetal mining and quarrying (SIC 10 and 14), and railroad transportation (SIC 40).



**Table A-2. Relative standard errors for measures of occupational illnesses by industry, 1980**

Industry	SIC code 1/	Relative standard error (percent) 2/		Industry	SIC code 1/	Relative standard error (percent) 2/	
		Total cases	Lost workday cases			Total cases	Lost workday cases
Private sector.....		2	3	Transportation and public utilities continued.			
Agriculture, forestry, and fishing.....		6	10	Transportation by air.....	45	5	3
Agricultural production.....	01-02	8	13	Pipelines, except natural gas.....	46	47	24
Agricultural services.....	07	10	15	Transportation services.....	47	41	-
Forestry.....	08	16	25	Communication.....	48	12	13
Fishing, hunting, and trapping.....	09	44	-	Electric, gas, and sanitary services.....	49	5	7
Mining.....				Wholesale and retail trade.....		14	21
Oil and gas extraction.....	13	14	18	Wholesale trade.....		24	31
Construction.....		5	7	Wholesale trade--durable goods.....	50	25	21
General building contractors.....	15	9	14	Wholesale trade--nondurable goods.....	51	37	50
Heavy construction contractors.....	16	10	13	Retail trade.....		15	28
Special trade contractors.....	17	7	10	Building materials and garden supplies....	52	45	-
Manufacturing.....		1	1	General merchandise stores.....	53	19	20
Durable goods.....		1	1	Food stores.....	54	26	43
Lumber and wood products.....	24	3	5	Automotive dealers and service stations...	55	38	25
Furniture and fixtures.....	25	3	4	Apparel and accessory stores.....	56	39	-
Stone, clay, and glass products.....	32	3	4	Furniture and home furnishings stores....	57	33	-
Primary metal industries.....	33	2	3	Eating and drinking places.....	58	29	-
Fabricated metal products.....	34	2	3	Miscellaneous retail.....	59	-	-
Machinery, except electrical.....	35	2	3	Finance, insurance, and real estate.....		21	36
Electric and electronic equipment.....	36	2	2	Banking.....	60	21	37
Transportation equipment.....	37	2	4	Credit agencies other than banks.....	61	21	25
Instruments and related products.....	38	2	3	Security, commodity brokers, and services...	62	-	-
Miscellaneous manufacturing industries.....	39	3	4	Insurance carriers.....	63	19	19
Nondurable goods.....		1	2	Insurance agents, brokers, and service.....	64	-	47
Food and kindred products.....	20	2	3	Real estate.....	65	51	-
Tobacco manufactures.....	21	5	7	Holding and other investment offices.....	67	28	13
Textile mill products.....	22	4	5	Services.....		8	14
Apparel and other textile products.....	23	5	5	Hotels and other lodging places.....	70	14	26
Paper and allied products.....	26	3	4	Personal services.....	72	58	21
Printing and publishing.....	27	6	6	Business services.....	73	34	-
Chemicals and allied products.....	28	3	6	Auto repair, services, and garages.....	75	59	-
Petroleum and coal products.....	29	11	21	Miscellaneous repair services.....	76	26	36
Rubber and miscellaneous plastics products.	30	5	6	Motion pictures.....	78	43	19
Leather and leather products.....	31	5	7	Amusement and recreation services.....	79	37	15
Transportation and public utilities.....		3	4	Health services.....	80	7	12
Local and interurban passenger transit.....	41	15	24	Legal services.....	81	43	-
Trucking and warehousing.....	42	11	17	Educational services.....	82	16	24
Water transportation.....	44	10	17	Social services.....	83	55	31
				Museums, botanical, zoological gardens.....	84	40	-
				Membership organizations.....	86	28	32
				Miscellaneous services.....	89	26	44

<sup>1</sup> Standard Industrial Classification Manual, 1972 Edition, 1977 Supplement.  
<sup>2</sup> See discussion of reliability of estimates.

NOTE: Dashes indicate data that do not meet publication guidelines. Relative standard errors were not calculated for the mining division, coal and lignite mining (SIC 11-12), metal and nonmetal mining and quarrying (SIC 10 and 14), and railroad transportation (SIC 40).

**Table A-3. Relative standard errors for injury and illness fatalities for employers with 11 employees or more by industry division, 1980**

Industry	Relative standard error (percent) 1/
Private sector.....	6
Agriculture, forestry, and fishing.....	20
Mining.....	10
Construction.....	9
Manufacturing.....	4
Transportation and public utilities.....	8
Wholesale and retail trade.....	30
Finance, insurance, and real estate.....	21
Services.....	36

<sup>1</sup> See discussion of reliability of estimates.



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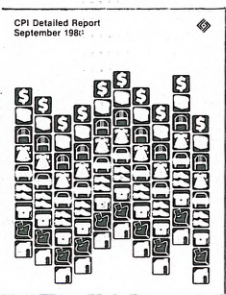
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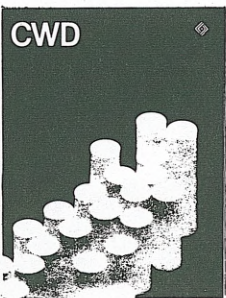
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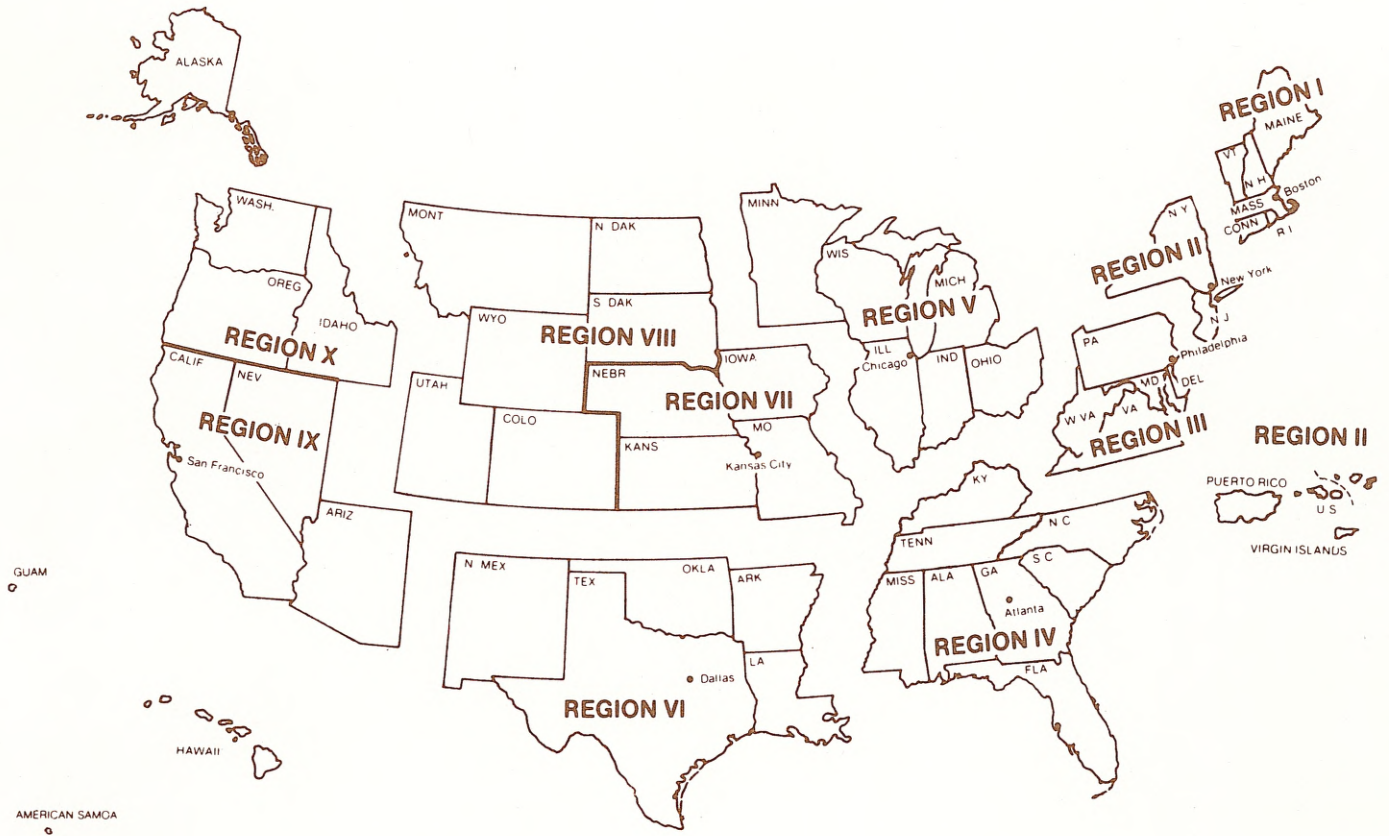
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