

# MAINE STATE LEGISLATURE

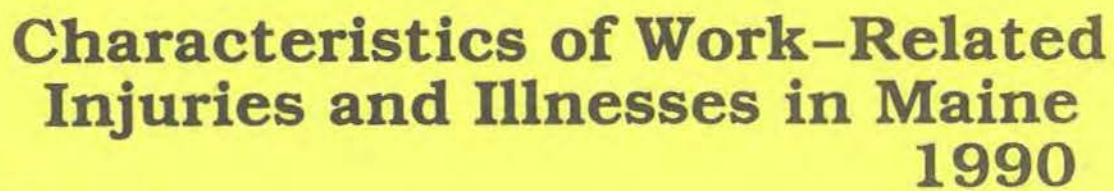
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BUREAU OF LABOR STANDARDS  
Research and Statistics Division



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JANUARY 1992



**CHARACTERISTICS OF WORK-RELATED  
INJURIES AND ILLNESSES IN MAINE  
1990**

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## PREFACE

The statistics in this publication are the result of work performed by Supplementary Data System (SDS) workers of the Maine Department of Labor, Bureau of Labor Standards, Division of Research and Statistics, in cooperation with the Maine Workers' Compensation Commission. Partial funding for the SDS program is provided by the U.S. Department of Labor, Bureau of Labor Statistics, Office of Safety and Health Statistics.

Maine's participation in the SDS program began in 1977. Published data on work-related injuries and illnesses extends back through that year, though supplies of publications for years 1979 through 1983 have been depleted. In 1984 there was no publication. More detailed tables for 1982, 1983, and 1985 through 1990 are available. Additionally, information may be generated for people with specific requests for data on work-related injuries; however, due to continual increases in workload, our ability to handle such requests is limited. See Appendix B for ordering information.

The goal of this publication is simplicity. It is our hope that everyone will be able to understand the statistics by following the charts and graphs and by reading the short narratives which accompany them. If you have any comments or suggestions that might improve the usefulness or readability of the data, please contact the Department of Labor, Bureau of Labor Standards, Division of Research and Statistics, Station #45, Augusta, Maine 04333-0045.

For the most part, the tables and charts within show two series of numbers, those for ALL cases and those for DISABLING cases. When Workers' Compensation First Reports of Occupational Injury or Illness are coded, they are assigned one of four severity codes: 1) Fatal; 2) Disabling (one or more lost workdays beyond the date of injury or onset of illness); 3) Nondisabling; and 9) Unknown (not reported). The information in this publication is gathered from reports received by the Workers' Compensation Commission through August 10, 1991, for incidents which occurred during calendar year 1990.

For the first time since 1982 there was a decrease in the number of First Reports of Occupational Injury or Illness filed with the Workers' Compensation Commission. In 1990 there were 75,155 reports received through August 10, 1991, a decrease of 6.5 percent over 1989 with 80,359 reports received through July 11, 1990. A total of 26,693 cases involved a loss of one or more workdays beyond the day of injury or onset of illness. This is an increase of 2.6 percent from the number of cases reported in 1989. For the first time, follow-ups were done on First Reports to determine if lost time occurred after the report was filed. Approximately 3,500 cases were changed to lost time as a result of our follow-up efforts. Comparing numbers of lost time cases for 1990 with previous years will be difficult since previous years have not yet been updated. The number of fatalities in 1990 was 61, which is an increase of eight fatalities over 1989.





## **1990 HIGHLIGHTS**

- \* There were 75,155 First Reports of Injury or Illness filed with the Workers' Compensation Commission through August 10, 1991.
- \* A total of 26,693 cases involved a loss of one or more workdays beyond the day of injury or onset of illness.
- \* There were 61 reported fatalities.
- \* Sprains and Strains accounted for 35.6 percent of all cases filed.
- \* Injuries to the Upper Extremities, including hands, wrists, and arms accounted for 32.6 percent of all claims.
- \* The leading Source of Injury was Working Surface.
- \* The leading Type of Injury was Overexertion.
- \* Men accounted for 66.5 percent of all injuries.
- \* Over 34 percent of all injuries and illnesses occurred in the 25-34 year old age group.
- \* Precision Production, Craft and Repair Workers as an occupational group reported 22.8 percent of all injuries and illnesses in 1990.
- \* Manufacturing was the industry division with the largest number of reports filed in 1990, 34.2 percent.
- \* Over 48 percent of all reports were for workers with less than two years of employment with their current employer.
- \* January, July, August, and September were the months with the highest incidence of injuries and illnesses.
- \* More injuries and illnesses occurred on Monday than on any other day of the week.





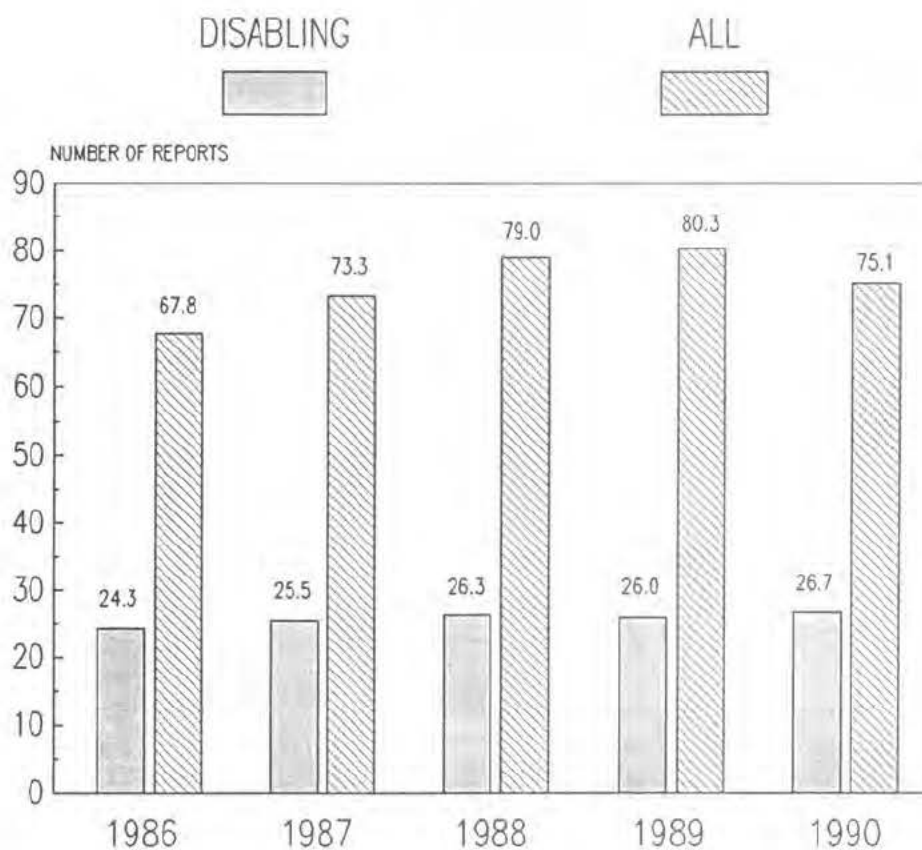
### Five-Year Comparison

For the first time since 1982, there was a decrease in First Reports received by the Workers' Compensation Commission. Receipts for 1990 were 6.5 percent lower than for 1989. In 1990, one report was filed for every seven workers in the labor force. This does not mean that every seventh employee filed a report, because some individuals filed more than one.

As stated in the preface, an effort was made this year to do follow-ups on First Reports to determine if employees lost time subsequent to the initial reporting. The percentage of disabling cases to total cases in 1990 was 35.6 percent; in 1989 it was 32.4 percent.

**FIGURE 1.                      NUMBER OF FIRST REPORTS  
   MAINE, 1986-1990**

(All Numbers in Thousands)



## PART II

### CHARACTERISTICS OF FIRMS

#### OWNERSHIP

In 1990 private employers filed 89.3 percent of all First Reports. The remainder were filed by local government (7.3 percent) and the State (3.4 percent). It is important to remember there are different jurisdictions for the enforcement of Occupational Safety and Health rules and regulations. The U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), covers private employers while the Safety Division of the Maine Department of Labor's Bureau of Labor Standards covers both state and local government.

Because work in the private sector is different and often more dangerous than work in the public sector, comparisons between them should not be made.

Private employers experienced a decrease in both the total and disabling number of reports filed in 1990. Local Government had an increase in both numbers while State Government had an increase in the total number and a decrease in the number of disabled cases filed.

**TABLE 5. AVERAGE EMPLOYMENT AND REPORTS, NUMBER AND PERCENT  
ALL AND DISABLING, BY OWNERSHIP  
MAINE, 1990**

	AVERAGE EMPLOYMENT <sup>1</sup>		REPORTS OF INJURIES AND ILLNESSES			
			ALL		DISABLING	
	Number	Percent	Number	Percent	Number	Percent
ALL EMPLOYERS	509,610	100.0	75,155	100.0	26,693	100.0
PRIVATE EMPLOYERS	435,260	85.4	67,109	89.3	23,745	89.0
PUBLIC EMPLOYERS	74,350	14.6	8,046	10.7	2,948	11.0
LOCAL GOVERNMENT	50,482	9.9	5,495	7.3	1,901	7.1
STATE GOVERNMENT	23,868	4.7	2,551	3.4	1,047	3.9

1. SOURCE: Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.

## OCCUPATION

A worker's occupation is one of the best indicators of whether or not he or she will have a work-related injury or illness. Injuries and illnesses are highly concentrated in certain occupational groups: (1) Precision Production, Craft, and Repair occupations (including all mechanics, construction trades workers, precision metal workers, and plant and system operators); (2) Machine Operators, Assemblers, and Inspectors; (3) Service occupations, and (4) Handlers, Equipment Cleaners, and Laborers (including all trades helpers, machine feeders and offbearers, stock clerks, and packers).

**TABLE 2. OCCUPATIONAL GROUPS, NUMBER AND PERCENT  
ALL AND DISABLING, MAINE, 1990**

OCCUPATIONAL GROUP	REPORTS OF INJURIES AND ILLNESSES			
	ALL		DISABLING	
	Number	Percent	Number	Percent
TOTAL	75,155	100.0	26,693	100.0
Precision Production, Craft and Repair Occupations	17,128	22.8	5,507	20.6
Machine Operators, Assemblers and Inspectors	13,290	17.7	4,585	17.2
Service Workers	11,825	15.7	4,446	16.7
Handlers, Equipment Cleaners and Laborers	10,521	14.0	4,354	16.3
Transportation and Material Moving Occupations	4,576	6.1	2,146	8.0
Administrative Spt.-Clerical	4,199	5.6	1,347	5.0
Professional Specialty	3,584	4.8	848	3.2
Sales Occupations	2,591	3.4	936	3.5
Executive, Administrative and Managerial Occupations	2,036	2.7	575	2.2
Protective Services	1,775	2.4	610	2.3
Farming, Fishing, Forestry	1,679	2.2	813	3.0
Technicians and Support Occup.	1,621	2.2	409	1.5
Other Occupations	14	0.0	9	0.0
Unknown Occupations	316	0.4	108	0.4

## AGE

Safety training for young workers and for students before entering the work force has been a major focus of safety educators in recent years. The statistics continue to show that training of young workers should be a priority. In the table below, a ratio has been calculated by dividing the percentage of reports by the percentage of the labor force for each age group. A ratio of 1.00 indicates that the number of reports filed is in line with the employment. Numbers greater than 1.00 indicate that the number of claims filed is greater than expected. The ratio for 20 through 24 year-olds and 25 through 34 year-old for men was high and the ratio for women 20 through 24 year-olds was slightly greater than expected.

**TABLE 3. AVERAGE EMPLOYMENT AND REPORTS, PERCENT AND RATIO  
BY SEX, BY AGE  
MAINE, 1990**

AGE	MEN			WOMEN		
	1 Percent Labor Force	Percent Reports	2 Ratio	Percent Labor Force	Percent Reports	3 Ratio
Under 16	-	0.2	-	-	0.2	-
16-19	5.3	5.5	1.0	5.9	5.7	1.0
20-24	10.7	16.6	1.6	11.7	13.5	1.2
25-34	25.1	36.1	1.4	27.5	30.4	1.1
35-44	29.8	22.1	0.7	26.4	26.1	1.0
45-54	15.0	11.9	0.8	15.0	14.9	1.0
55-65	10.7	6.0	0.6	10.3	7.5	0.7
65+	3.4	0.7	0.2	3.3	0.8	0.2

1. SOURCE: Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.

2. Percent of men reports divided by percent of men labor force.

3. Percent of women reports divided by percent of women labor force.

NOTE: Cases with age unknown were eliminated.

### LENGTH OF SERVICE

Among those people filing First Reports of Occupational Injury or Illness, individuals in the Executive, Administrative, and Managerial Occupations, and the Protective Service Occupations (including police and firefighters) had the greatest longevity with their employer. Conversely, Handlers, Cleaners, and Helpers had spent a relatively short period of time working for their current employer.

**TABLE 4.                      AVERAGE LENGTH OF SERVICE  
                                     BY OCCUPATIONAL GROUP  
                                     MAINE, 1990**

<u>OCCUPATIONAL CATEGORY</u>	<u>Average Length of Service (Years/Months)</u>
Executive, Administrative, and Managerial	6/10
Protective Service Occupations	5/9
Professional Specialty Occupations	5/7
Precision Production, Craft, and Repair Occupations	5/3
Technicians and Support Occupations	5/1
Machine Operators, Assemblers, and Inspectors	5/2
Administrative Support Occupations	5/1
Transportation and Material Moving Occupations	4/10
ALL OCCUPATIONS	4/6
Sales Occupations	4/1
Farming, Forestry, and Fishing Occupations	3/6
Service Occupations	3/2
Handlers, Cleaners, and Helpers	2/9

## PART II

### CHARACTERISTICS OF FIRMS

#### OWNERSHIP

In 1990 private employers filed 89.3 percent of all First Reports. The remainder were filed by local government (7.3 percent) and the State (3.4 percent). It is important to remember there are different jurisdictions for the enforcement of Occupational Safety and Health rules and regulations. The U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), covers private employers while the Safety Division of the Maine Department of Labor's Bureau of Labor Standards covers both state and local government.

Because work in the private sector is different and often more dangerous than work in the public sector, comparisons between them should not be made.

Private employers experienced a decrease in both the total and disabling number of reports filed in 1990. Local Government had an increase in both numbers while State Government had an increase in the total number and a decrease in the number of disabled cases filed.

**TABLE 5. AVERAGE EMPLOYMENT AND REPORTS, NUMBER AND PERCENT  
ALL AND DISABLING, BY OWNERSHIP  
MAINE, 1990**

	REPORTS OF INJURIES AND ILLNESSES					
	AVERAGE EMPLOYMENT <sup>1</sup>		ALL		DISABLING	
	Number	Percent	Number	Percent	Number	Percent
ALL EMPLOYERS	509,610	100.0	75,155	100.0	26,693	100.0
PRIVATE EMPLOYERS	435,260	85.4	67,109	89.3	23,745	89.0
PUBLIC EMPLOYERS	74,350	14.6	8,046	10.7	2,948	11.0
LOCAL GOVERNMENT	50,482	9.9	5,495	7.3	1,901	7.1
STATE GOVERNMENT	23,868	4.7	2,551	3.4	1,047	3.9

1. SOURCE: Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.



## INDUSTRY

Every industry division, except for the Construction division, experienced increases in the number of total cases over the previous year. This division also experienced a decrease in the total number of disabling injuries reported. In the table below, a ratio of 1.00 shows that the number of reports filed in a particular industry is in line with employment in that industry. The Construction Trades and Manufacturing had ratios much higher than 1.00, indicating hazardous work environments. Services and Finance, Insurance, and Real Estate are among the least hazardous industries in which to work.

**TABLE 6. AVERAGE EMPLOYMENT AND REPORTS, NUMBER, PERCENT AND RATIO  
ALL AND DISABLING BY MAJOR INDUSTRIAL DIVISIONS  
MAINE, 1990**

INDUSTRY DIVISION	REPORTS OF INJURIES AND ILLNESSES							
	<sup>1</sup> AVERAGE EMPLOYMENT							
	Number	Percent	<sup>2</sup> ALL			<sup>3</sup> DISABLING		
			Number	Percent	Ratio	Number	Percent	Ratio
ALL DIVISIONS	509,610	100.0	75,155	100.0	1.00	26,693	100.0	1.00
Manufacturing	101,879	20.0	25,725	34.2	1.71	8,571	32.1	1.61
Services	118,887	23.3	13,493	18.0	0.77	4,337	16.2	0.70
Retail	108,421	21.3	11,122	14.8	0.70	4,121	15.4	0.73
Construction	28,597	5.6	7,417	9.9	1.76	2,796	10.5	1.87
Wholesale	25,100	4.9	4,105	5.5	1.11	1,673	6.3	1.27
Trans. and Public Utilities	21,498	4.2	2,894	3.9	0.91	1,278	4.8	1.13
Fin., Ins., and Real Estate	25,086	4.9	1,257	1.7	0.34	422	1.6	0.32
Agric., Fish., and Forestry	5,629	1.1	889	1.2	1.07	444	1.7	1.51
Other, Private Sector	163	0.0	207	0.3	NA	103	0.4	NA
State and Local Government	74,350	14.6	8,046	10.7	0.73	2,948	11.0	0.76

1. SOURCE: Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.

2. Percent of All Cases divided by percent of average employment.

3. Percent of Disabling Cases divided by percent of average employment.

## MANUFACTURING

The Transportation Equipment, Fabricated Metals, and Food Products industries had the highest ratios of All reports to employment and of Disabling reports to employment. Conversely, the Printing and Apparel Making industries had the lowest ratios. The very physical nature of some jobs in the Manufacturing industry combined with the use of hand tools and machinery make the Manufacturing industry second only to Construction in terms of the number of reports filed exceeding the number expected.

**TABLE 7. AVERAGE EMPLOYMENT AND REPORTS, NUMBER, PERCENT AND RATIO  
ALL AND DISABLING BY SELECTED MANUFACTURING GROUPS  
MAINE, 1990**

MANUFACTURER	REPORTS OF INJURIES AND ILLNESSES							
	AVERAGE EMPLOYMENT <sup>1</sup>		ALL			DISABLING		
	Number	Percent	Number	Percent	Ratio <sup>2</sup>	Number	Percent	Ratio <sup>3</sup>
ALL MANUFACTURING	101,879	100.0	25,732	100.0	1.00	8,576	100.0	1.00
Transportation Eqpt.	15,351	15.1	6,555	25.5	1.69	2,170	25.3	1.68
Paper	17,550	17.2	4,552	17.7	1.03	1,177	13.7	0.80
Lumber and Wood	10,968	10.8	2,909	11.3	1.05	1,119	13.0	1.21
Leather	10,717	10.5	2,617	10.2	0.97	979	11.4	1.09
Food	7,067	6.9	2,065	8.0	1.16	725	8.5	1.22
Textiles	5,566	5.5	1,253	4.9	0.89	377	4.4	0.80
Elec./Electronic Eqpt.	8,121	8.0	906	3.5	0.44	348	4.1	0.51
Rubber and Plastics	3,539	3.5	892	3.5	1.00	342	4.0	1.15
Fabricated Metals	2,930	2.9	878	3.4	1.19	306	3.6	1.24
Machinery	4,661	4.6	865	3.4	0.73	283	3.3	0.72
Printing	5,800	5.7	609	2.4	0.42	215	2.5	0.44
Apparel	2,994	2.9	358	1.4	0.47	142	1.7	0.56
ALL OTHER MANUFACTURING	6,615	6.5	1,273	4.9	0.76	393	4.6	0.71

1. SOURCE: Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.

2. Percent of All Cases divided by percent of average employment.

3. Percent of Disabling Cases divided by percent of average employment.

## INSURANCE

The majority of employees injured in Maine (63.8 percent) were covered by private Workers' Compensation insurance in 1990. The self-insured workers account for 32.6 percent of all First Reports, while 3.6 percent of the employees had no Workers' Compensation insurance.

**TABLE 8.                   INSURANCE TYPE, NUMBER AND PERCENT, ALL AND DISABLING  
BY INSURANCE TYPE  
MAINE, 1990**

INSURANCE METHOD	REPORTS OF INJURIES AND ILLNESSES			
	ALL		DISABLING	
	Number	Percent	Number	Percent
ALL	75,155	100.0	26,693	100.0
Private	47,952	63.8	17,213	64.5
Self-Insured	24,486	32.6	8,390	31.4
Not-Insured	2,717	3.6	1,090	4.1

## COUNTY OF OCCURRENCE

The three counties with the greatest number of reports filed were Cumberland, Penobscot, and York. These three counties were also among the top four for average employment. Dividing the percent of reports by the percent of employment provides a better perspective. A ratio of 1.00 shows that the number of reports filed in the county are in line with the employment.

As the table illustrates, the number of reports filed in Cumberland, Penobscot, and York counties are not disproportionate when compared to the average annual employment. The four counties having ratios of well over 1.00 are Franklin, Oxford, Sagadahoc, and Somerset. High ratios tend to show a concentration of hazardous industries.

**TABLE 9. AVERAGE EMPLOYMENT AND REPORTS  
PERCENT AND RATIO, ALL AND DISABLING, BY COUNTY  
MAINE, 1990**

COUNTY	1 AVERAGE EMPLOYMENT (Percent)	REPORTS OF INJURIES AND ILLNESSES			
		ALL		DISABLING	
		Percent	Ratio <sup>2</sup>	Percent	Ratio <sup>3</sup>
ALL COUNTIES	100.0	100.0	1.00	100.0	1.00
Androscoggin	8.0	8.2	1.03	7.5	0.93
Aroostook	5.6	5.7	1.02	5.8	1.04
Cumberland	26.9	23.1	0.86	24.5	0.91
Franklin	2.3	2.5	1.11	2.1	0.93
Hancock	3.6	3.5	0.98	3.6	1.02
Kennebec	10.8	8.6	0.80	9.1	0.84
Knox	2.7	2.6	0.95	2.4	0.91
Lincoln	1.7	1.4	0.82	1.5	0.85
Oxford	3.2	3.7	1.14	3.6	1.11
Penobscot	12.2	12.4	1.02	12.0	0.99
Piscataquis	1.2	1.2	1.02	1.2	1.07
Sagadahoc	3.6	8.0	2.24	7.6	2.13
Somerset	3.2	4.8	1.47	4.5	1.38
Waldo	1.3	1.0	0.78	1.0	0.79
Washington	2.1	2.3	1.08	2.1	0.97
York	9.9	8.8	0.89	8.8	0.89
Interstate	1.7	-	-	-	-
Other States		0.8	-	1.1	-
Other Country		0.1	-	0.1	-
Unknown		1.2	-	1.4	-

1. SOURCE: Percentages were calculated from data provided by the Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.

2. Percent of All Cases divided by the percent of average annual employment.

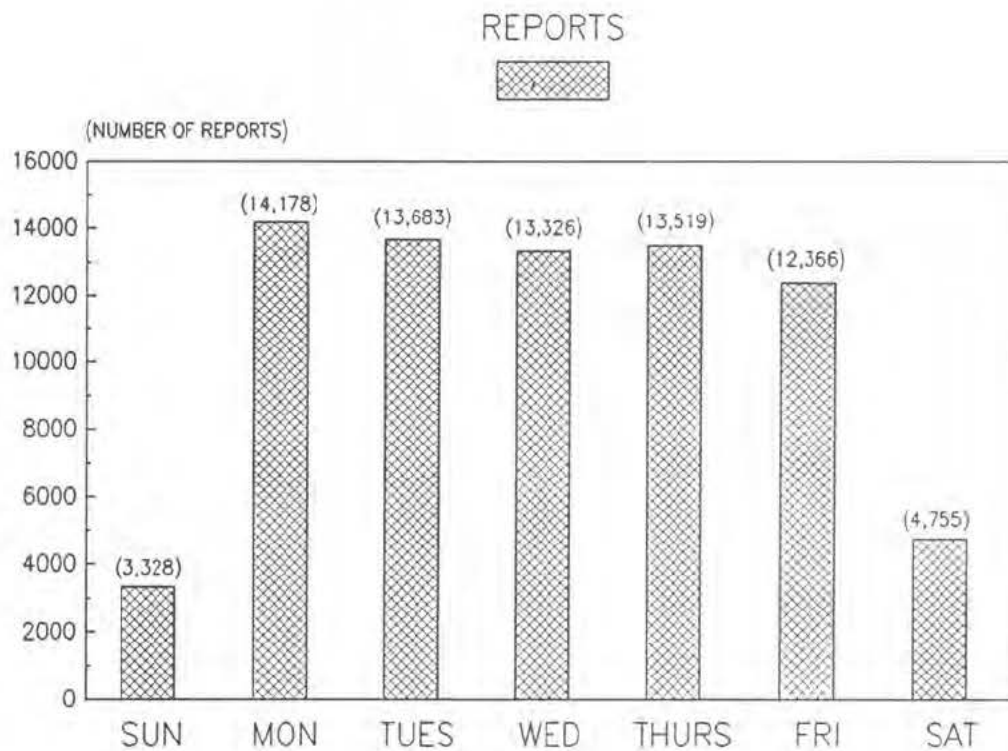
3. Percent of Disabling Cases divided by the percent of average employment.

**PART III**  
**CHARACTERISTICS OF INCIDENTS**

**DAY OF THE WEEK**

As expected, 89.2 percent of all injuries and illnesses occurred on weekdays. The highest number of reported cases were for injuries or illnesses that occurred on Mondays. Of the weekdays, Friday had the lowest number of reported cases.

**FIGURE 2. DAY OF THE WEEK, NUMBER OF FIRST REPORTS  
ALL CASES, MAINE, 1990**

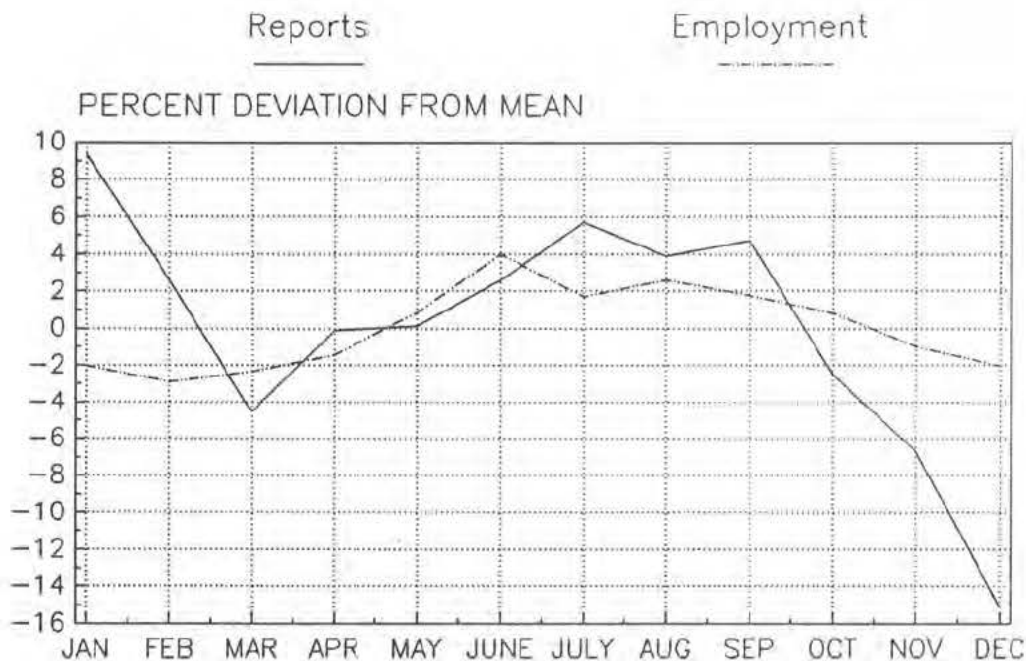


## MONTH

Figure 3 illustrates the relationship between the number of cases occurring per month and the employment per month. Because the number of workdays in each month differs, the number of occurrences were adjusted to reflect what the number of cases would be based upon the average number of workdays in a month (total workdays per year divided by 12). Weekends and holidays were not included. Employment figures were not adjusted because they reflect actual employment in a month and are not subject to change due to the differing number of workdays.

Generally, the deviation in the number of cases occurring in a month from the mean cases occurring per month over the year was greater than the deviation in monthly employment from the mean annual employment. In March, April, and May, employment in logging decreases, leading to a reduction in the number of reports filed. In July, August, and September, employment in Maine increases. Many of these jobs are seasonal and are occupied by young and inexperienced employees. Additionally, construction companies are very busy in the summer, generally peaking in September.

**FIGURE 3. PERCENT DEVIATION FROM MEAN, FIRST REPORTS  
EMPLOYMENT BY MONTH, MAINE 1990**

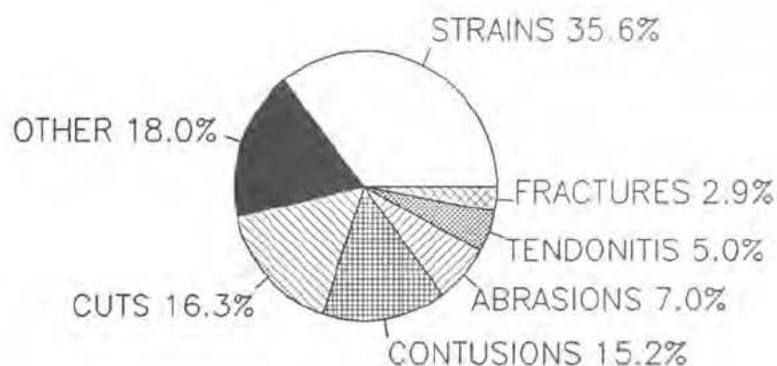




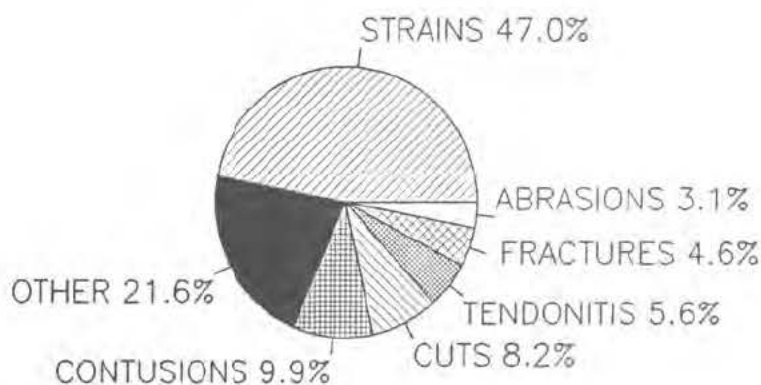
### NATURE OF INJURY OR ILLNESS

The Nature of Injury or Illness classification identifies the principle physical characteristic, that is, what the actual injury or illness was. The pie charts below illustrate the percent of total for All and for Disabling natures.

**FIGURE 4A.**                      **NATURE OF INJURY OR ILLNESS**  
   **ALL CASES, MAINE, 1990**



**FIGURE 4B.**                      **NATURE OF INJURY OR ILLNESS**  
   **DISABLING CASES, MAINE, 1990**



## OCCUPATIONAL ILLNESSES

Occupational illnesses made up only 11.0 percent of the total Workers' Compensation cases received in 1990. Inflammation of the joints and tendons, including tendonitis and bursitis, represented the majority of all illness cases reported, a total of 44.9 percent. Such cases are usually the result of prolonged exertion of a specific area of the body (most often the upper extremities). Dermatitis, which includes rashes, is the second most frequent occupational illness, 12.3 percent. Conditions of the Nervous System, including carpal tunnel syndrome, account for the next largest portion of occupational illnesses.

**TABLE 10. OCCUPATIONAL ILLNESSES, NUMBER AND PERCENT  
ALL AND DISABLING  
MAINE, 1990**

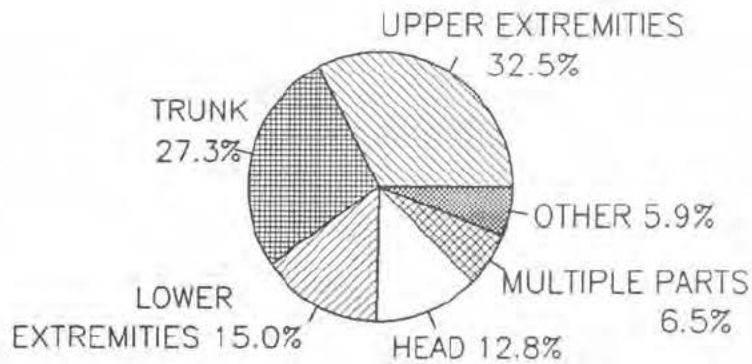
ILLNESS	ALL REPORTS		ILLNESS	DISABLING REPORTS	
	Number	Percent		Number	Percent
TOTAL	8,286	100.0	TOTAL	3,307	100.0
Inflammation of Joints, Tendons, etc.	3,724	44.9	Inflammation of Joints, Tendons, etc.	1,487	45.0
Dermatitis	1,020	12.3	Mental Disorders	302	9.1
Nervous System	658	7.9	Nervous System	349	10.6
Systemic Effects of Toxics	560	6.8	Dermatitis	220	6.7
Mental Disorders	451	5.4	Systemic Effects of Toxics	216	6.5
Radiation Effects	300	3.6	Radiation Effects	110	3.3
Respiratory Conditions	165	2.0	Respiratory Conditions	78	2.4
Infective and Parasitic Diseases	140	1.7	Heart Conditions	77	2.3
Heart Conditions	101	1.2	Infective and Parasitic Diseases	50	1.5
Other Illnesses	1,167	14.1	Other Illnesses	418	12.6

### PART OF BODY AFFECTED

This group identifies the part or body system of the injured or ill person's body that was directly affected by the injury or illness.

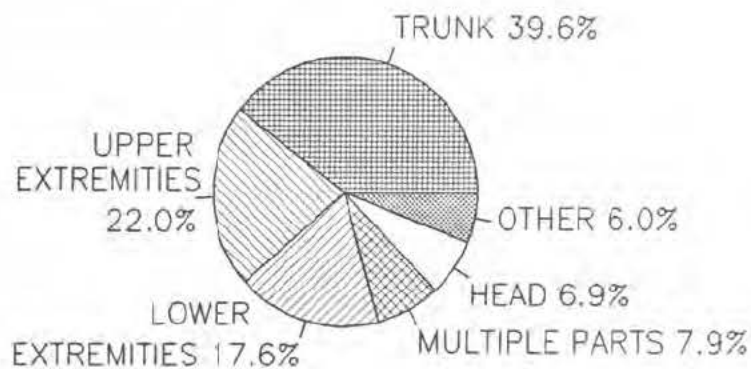
**FIGURE 5A.**

#### **PART OF BODY AFFECTED ALL CASES, MAINE, 1990**



**FIGURE 5B.**

#### **PART OF BODY AFFECTED DISABLING CASES, MAINE, 1990**



### SOURCE OF INJURIES AND ILLNESSES

The Source classification identifies the object, substance, exposure, or bodily motion which directly produced or inflicted the injury or illness. Working surfaces, metal items, and containers, were most often cited as sources of injury or illness for All cases and for Disabling cases.

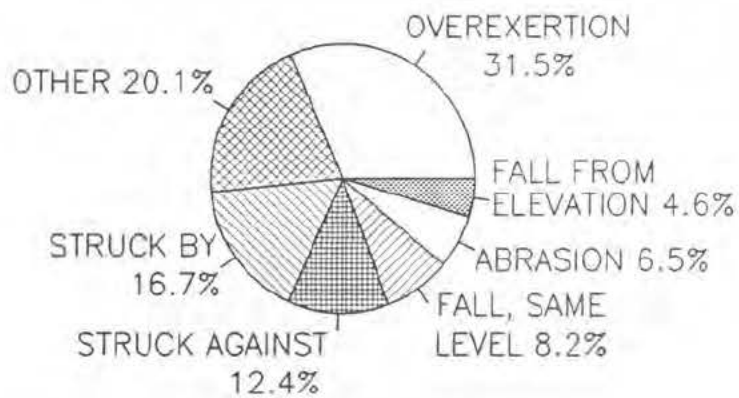
**TABLE 11. SOURCE OF INJURIES AND ILLNESSES, NUMBER AND PERCENT  
ALL AND DISABLING  
MAINE, 1990**

SOURCE	ALL REPORTS		SOURCE	DISABLING REPORTS	
	Number	Percent		Number	Percent
TOTAL	75,155	100.0	TOTAL	26,693	100.0
Working Surfaces	8,786	11.7	Working Surfaces	3,708	13.9
Metal Items	7,538	10.0	Containers	3,369	12.6
Containers	7,495	10.0	Metal Items	1,976	7.4
Hand Tools, Unpowered	6,006	8.0	Vehicles	1,806	6.8
Vehicles	4,315	5.7	Bodily Motion	1,480	5.5
Machines	4,267	5.7	Person	1,438	5.4
Person	3,677	4.9	Machines	1,348	5.1
Bodily Motion	3,229	4.3	Hand Tools, Unpowered	1,257	4.7
Wood Items	2,642	3.5	Wood Items	837	3.1
Furniture and Fixtures	2,604	3.5	Furniture and Fixtures	778	2.9
Buildings and Structures	2,383	3.2	Buildings and Structures	711	2.7
Chemicals	1,898	2.5	Hand Tools, Powered	569	2.1
Hand Tools, Powered	1,421	1.9	Chemicals	498	1.9
Particles, Unspecified	1,364	1.8	Plants, Trees, etc.	292	1.1
Mineral Items, Nonmetallic	1,013	1.3	Mineral Items, Nonmetallic	284	1.1
Plants, Trees, etc.	600	0.8	Particles, Unspecified	190	0.7
All Other	15,917	21.2	All Other	6,152	23.0

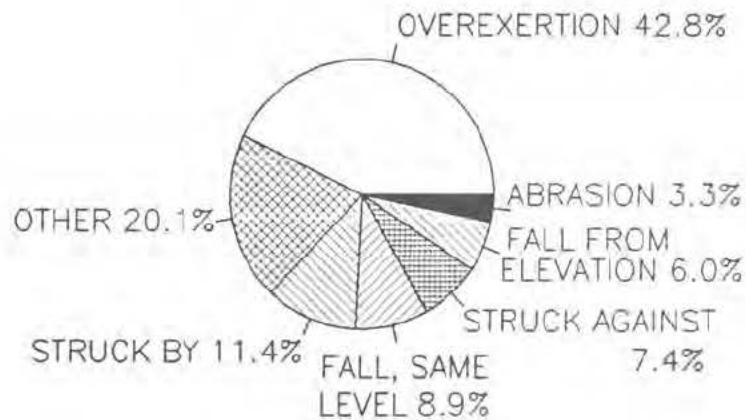
### TYPE OF ACCIDENT OR EXPOSURE

The Type of accident or exposure classification identifies the event or action which directly resulted in the injury or illness. The pie charts below illustrate the percent of total, by type, for All cases and for Disabling cases.

**FIGURE 6A. TYPE OF ACCIDENT OR EXPOSURE  
ALL CASES, MAINE, 1990**



**FIGURE 6B. TYPE OF ACCIDENT OR EXPOSURE  
DISABLING CASES, MAINE, 1990**



### ASSOCIATED OBJECT OR SUBSTANCE

The Associated Object or Substance (AOS) identifies the object, substance or person with respect to which measures could have been introduced to prevent the accident or ease the injury or illness. The relationship between the AOS and the Source may be directly or indirectly causal. In the instance of a worker who cut a finger by touching against a moving table saw blade, the Source and the AOS would be the same object -- the saw, because no other object had a direct relationship to the accident. However, if a forklift ran into a worker, causing the worker to fall into the table saw, thus cutting the finger, the Source would still be the saw since it actually cut the finger but the AOS would now be the forklift because it started the accident sequence.

Working Surfaces, Containers, and Unpowered Hand Tools respectively were the most frequently cited AOS categories for All cases whereas Containers, Working Surfaces, and Vehicles respectively were most frequently cited for Disabling cases.

**TABLE 12.                      ASSOCIATED OBJECT OR SUBSTANCE, NUMBER AND PERCENT  
ALL AND DISABLING  
MAINE, 1990**

AOS	ALL REPORTS		AOS	DISABLING REPORTS	
	Number	Percent		Number	Percent
TOTAL	75,155	100.0	TOTAL	26,693	100.0
Working Surfaces	7,934	10.6	Containers	3,373	12.6
Containers	7,564	10.1	Working Surfaces	3,266	12.2
Hand Tools, Unpwd.	6,553	8.7	Vehicles	2,140	8.0
Metal Items	5,481	7.3	Person	2,066	7.7
Vehicles	5,082	6.8	Machines	1,532	5.7
Machines	4,993	6.6	Metal Items	1,507	5.6
Person	4,910	6.5	Hand Tools, Unpwd.	1,351	5.1
Furniture and Fixtures	3,038	4.0	Bodily Motion	989	3.7
Hand Tools, Powered	3,027	4.0	Hand Tools, Powered	935	3.5
Wood Items	2,282	3.0	Furniture and Fixtures	897	3.4
Bldgs. and Structures	2,276	3.0	Wood Items	799	3.0
Bodily Motion	2,258	3.0	Bldgs. and Structures	682	2.6
All Other	19,757	26.3	All Other	7,156	26.8



### NATURE BY PART COMBINATIONS

Figures found in Table 13 show which nature/part combinations for injuries in the workplace were the most prevalent in 1990. Strains to the back and cuts to the fingers greatly exceeded any other combinations of injuries occurring that year.

**TABLE 13.** **NATURE OF INJURIES AND ILLNESSES, PERCENT**  
**BY PART OF BODY AFFECTED**  
**MAINE, 1990**

NATURE	PART							
	Total	Upper 1 Extremities	Finger	Back	Lower Extremities	Trunk 2	Eyes	Other
TOTAL	100.0	18.4	14.2	16.7	15.0	10.6	8.2	16.9
Strains, Sprains	35.6	4.4	1.0	14.3 (1)	6.0 (4)	6.1 (3)	-	3.8
Cuts, Lacerations	16.4	3.7	8.9 (2)	-	1.7	0.2	0.3	1.6
Contusions, Bruises	15.2	3.2	2.2	0.8	4.3	1.9	0.2	2.6
Scratches, Abrasions	7.0	0.4	0.2	-	0.2	-	5.8 (5)	0.4
Other	25.8	6.7	1.9	1.6	2.8	2.4	1.9	8.5

1. Except Fingers

2. Except Back

NOTE: Ranking of the five most frequent combinations are shown in parentheses.

### NATURE BY TYPE COMBINATIONS

Table 14 elaborates further on the information in Table 13. For example, back sprains were the most frequent nature/part combination noted in Table 13. From Table 14 we can see that most strains were due to overexertion (lifting, pushing, handling, etc.).

Cuts to the fingers were the second most frequent combination noted in Table 13. Table 14 reveals that most cuts were the result of striking against objects or being struck by objects. Most bruises occurred this way also.

**TABLE 14. NATURE OF INJURIES AND ILLNESSES, PERCENT  
BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

NATURE	Total	TYPE					
		Struck By or Against	Over- exertion	1 Fall	Rubbed or Abraded	Caught In Under or Between	Other
TOTAL	100.0	29.2	31.5	12.8	6.5	3.0	17.0
Strains, Sprains	35.6	2.0	24.7 (1)	3.9	0.2	0.2	4.6
Cuts, Lacerations	16.4	14.2 (2)	-	0.6	0.4	0.6	0.6
Contusions, Bruises	15.2	8.6 (3)	0.1	4.7 (5)	-	1.4	0.4
Scratches, Abrasions	7.0	0.9	-	0.2	5.6 (4)	-	0.3
Other	25.8	3.5	6.7	3.4	0.3	0.8	11.1

1. Includes fall to same level and fall to lower level.

NOTE: Ranking of the five most frequent combinations are shown in parentheses.

### NATURE BY SOURCE COMBINATIONS

Following in progression from Table 13, more can be learned about the two most frequent nature/part combinations. Table 15 illustrates that most strains involved containers as the source. If you recall, the most frequent cause of strains was overexertion. Hence, we can conclude that many strains are the result of lifting, pushing or handling containers. Similarly, we can see that most lacerations involve the use of nonpowered hand tools (e.g., knives, wrenches, and screwdrivers). Metal items are also a significant source of cuts. Hence, we can conclude that many cuts are due to being struck by or against knives, wrenches, and other hand tools or metal items.

**TABLE 15. NATURE OF INJURIES AND ILLNESSES, PERCENT  
BY SOURCE OF INJURIES AND ILLNESSES  
MAINE, 1990**

NATURE	SOURCE							
	Total	Working Surface	Metal Items	Boxes Bags Barrels	Hand Tool Not Pwd	Machines	Vehicles	Other
TOTAL	100.0	11.7	10.0	10.0	8.0	5.7	5.7	48.9
Strains, Sprains	35.6	4.1 (3)	2.0	6.7 (1)	1.5	1.1	2.1	18.1
Cuts, Lacerations	16.4	0.3	3.3 (5)	0.8	5.0 (2)	1.9	0.6	4.5
Contusion, Bruises	15.2	3.9 (4)	1.4	1.1	0.6	1.0	1.6	5.6
Scratches, Abrasions	7.0	0.2	2.1	0.1	0.1	0.1	0.1	4.3
Other	25.8	3.2	1.2	1.3	0.8	1.6	1.3	16.4

NOTE: Ranking of the five most frequent combinations are shown in parentheses.

### SOURCE BY TYPE COMBINATIONS

Falls to the working surface was the number one combination of Source/Type, occurring in 10.8 percent of All Cases. The second most frequent combination was overexertion while handling containers. Many claims were also filed as a result of being struck by or against nonpowered hand tools.

**TABLE 16. SOURCE OF INJURIES AND ILLNESSES, PERCENT  
BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

SOURCE	Total	TYPE OF ACCIDENT OR EXPOSURE					
		Struck By or Against	Over- exertion	<sup>1</sup> Fall	Rubbed or Abraded	Caught In Under or Between	Other
TOTAL	100.0	29.2	31.5	12.8	6.5	3.0	17.0
Working Surfaces	11.7	0.4	0.1	10.8 (1)	0.3	-	0.1
Metal Items	10.0	5.1 (4)	2.0	0.3	2.2	0.3	0.1
Containers	10.0	2.2	7.2 (2)	0.2	0.1	0.3	-
Hand Tools-not Pwd.	8.0	5.8 (3)	2.0	-	-	0.1	0.1
Machines	5.7	2.6	2.0	0.2	-	0.7	0.2
Vehicles	5.7	1.9	1.5	0.4	0.1	0.6	1.2
Person	4.9	1.1	3.1 (5)	-	-	-	0.7
Wood Items	3.5	1.7	1.1	0.1	0.5	0.1	-
Other	40.5	8.4	12.5	0.8	3.3	0.9	14.6

1. Includes fall to same level and fall to lower level.

NOTE: Ranking of the five most frequent combinations are shown in parentheses.

### AOS BY TYPE COMBINATIONS

As stated previously, the AOS is the object, substance, or person with respect to which measures could have been introduced to prevent the accident or mitigate the injury or illness. Table 17 illustrates that working surfaces, in some instances wet or slippery, resulted in many accidents. Use of unpowered hand tools also resulted in many injuries, as did the handling of containers. Further, the use of machines, or in some instances items propelled from machines, was another notable AOS.

**TABLE 17.                      ASSOCIATED OBJECT OR SUBSTANCE, PERCENT  
BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

AOS	Total	TYPE OF ACCIDENT OR EXPOSURE					
		Struck By or Against	Over- exertion	1 Fall	Rubbed or Abraded	Caught In Under Between	Other
TOTAL	100.0	29.2	31.5	12.8	6.5	3.0	17.0
Working Surfaces	10.6	0.6	0.5	7.4 (1)	0.3	-	1.8
Containers	10.1	2.0	7.1 (2)	0.4	0.1	0.3	0.2
Hand Tools-Not Pwd	8.7	6.3 (3)	1.9	0.1	0.2	0.1	0.1
Metal Items	6.9	3.7 (4)	1.9	0.2	0.6	0.3	0.2
Vehicles	6.8	2.1	1.4	0.9	0.3	0.6	1.5
Machines	6.6	2.9	2.0	0.2	0.6	0.7	0.2
Person	5.4	1.2	3.1 (5)	0.3	-	-	0.8
Hand Tools-Powered	4.0	1.2	0.8	-	1.2	0.1	0.7
Other	40.9	9.2	12.8	3.3	3.2	0.9	11.5

1. Includes fall to same level and fall to lower level.

NOTE: Ranking of the five most frequent combinations are shown in parentheses.

## PART IV

### CHARACTERISTICS OF FATALITIES

Table 18 is a ten-year summary of the fatalities reported to the Workers' Compensation Commission. Figures for 1984 include all reports in our files, but may not include all fatalities reported that year. Forty-one percent of all fatalities occurring during this ten-year period were a result of heart attacks. The Workers' Compensation Commission determines whether such incidents are work-related. In 1990 there were 61 reported fatalities. Over thirty-seven percent of these deaths were attributed to heart attacks. Thirty people died as a result of injuries received during work hours; eleven of these individuals were involved in automobile accidents.

Over the past ten years, an average of 80 percent of fatalities involved workers in the private sector. Over 28 percent of all fatalities were to workers in Manufacturing industries.

**TABLE 18.                      SELECTED CHARACTERISTICS OF FATALITIES  
BY YEAR, MAINE, 1981-1990**

DESCRIPTION	YEAR									
	1981	1982	1983	<sup>1</sup> 1984	<sup>2</sup> 1985	1986	1987	1988	1989	<sup>3</sup> 1990
TOTAL FATALITIES	50	53	36	27	45	45	50	54	53	61
Fatalities Due to Injuries	26	23	21	13	22	25	22	33	27	30
Fatalities Due to Heart Attacks	22	28	12	10	21	15	23	18	22	23
Fatalities Due to Illnesses (except Heart Attack)	2	2	3	4	0	5	5	3	4	4
Occurring to Females	0	5	2	3	1	6	6	1	2	7
Multiple Death Incidents (Number of Fatalities)	3 (6)	1 (2)	1 (2)	1	2 (4)	0	1 (2)	1 (2)	1 (2)	1 (2)
Auto Occupant	8	13	7	6	4	9	2	8	5	11
Trees Falling	0	0	1	1	2	0	2	3	4	3

1. Fatality figures for 1984 are incomplete.
2. In 1985, there were 2 fatalities of unknown cause.
3. In 1990, there were 4 fatalities of unknown cause.



TABLE 19.

**INDUSTRY OF FATAL WORKERS, NUMBER  
BY YEAR  
MAINE, 1981-1990**

INDUSTRY	YEAR										
	Ten-Year Total	1981	1982	1983	1984 <sup>1</sup>	1985	1986	1987	1988	1989	1990
ALL INDUSTRIES	474	50	53	36	27	45	45	50	54	53	61
Private Sector	384	36	42	31	22	38	35	43	45	43	49
Agriculture, Forestry, Fishing (01-09)	12	0	1	0	2	0	2	0	1	1	5
Mining (10-14)	1	1	0	0	0	0	0	0	0	0	0
Construction (15-17)	62	7	8	4	2	8	7	6	6	10	4
General Building (15)	25	2	5	1	1	6	2	3	2	3	0
Non Building (16)	16	0	3	2	0	0	3	1	0	5	2
Special Trade (17)	21	5	0	1	1	2	2	2	4	2	2
Manufacturing (20-39)	136	7	19	12	10	12	7	15	16	20	18
Food (20)	7	0	0	1	0	2	0	0	2	1	1
Textiles (22)	4	1	2	0	0	0	0	1	0	0	0
Lumber and Wood (24)	44	1	6	2	3	2	3	9	5	6	7
Paper (26)	33	1	3	2	2	4	0	4	7	4	6
Transportation Equipment (37)	15	0	0	4	3	0	2	1	0	5	0
Transportation and Util. (40-49)	51	5	5	3	2	8	8	3	11	3	3
Trucking and Warehousing (42)	29	2	3	1	2	4	7	1	7	2	0
Air Transport (45)	4	0	0	0	0	2	0	0	0	0	2
Utilities and Sanitary Svcs (49)	8	1	1	2	0	0	1	2	1	0	0
Wholesale Trade (50-51)	21	3	3	2	1	1	2	2	2	2	3
Retail Trade (50-51)	40	6	3	1	4	1	1	8	7	2	7
Auto Dealers/Gas Stations (55)	12	3	1	0	2	1	1	1	1	1	1
Eating and Drinking Places (58)	6	3	0	0	2	0	0	0	1	0	0
Finance, Insurance, Real Est (60-64)	9	0	0	0	1	2	2	1	0	2	1
Services (70-89)	52	7	3	9	0	6	6	8	2	3	8
Public Sector	90	14	11	5	5	7	10	7	9	10	12
State	36	5	4	3	1	4	7	0	3	2	7
Highways (16)	6	2	0	0	0	3	0	0	0	0	1
Social Services (83)	4	2	0	2	0	0	0	0	0	0	0
Public Safety (92)	7	1	2	0	0	0	1	0	1	1	1
Administration (91,92-98)	17	0	2	1	1	1	6	0	2	1	3
Local	54	9	7	2	4	3	3	7	6	8	5
Highways (16)	4	0	0	1	0	1	0	0	1	1	0
Water, Sewer, Dumps (49)	8	3	0	1	1	0	0	0	2	1	0
Parks and Recreation (79)	5	1	-	-	-	-	2	0	0	2	0
Schools (82)	10	2	4	0	1	2	0	1	0	0	0
Public Safety (92)	23	3	3	0	2	0	0	4	3	3	5
Administration (91,93-98)	3	-	-	-	-	-	-	2	0	1	0

1. Fatality figures for 1984 are incomplete.

Of the 61 fatalities reported in 1990, nine were workers in the occupational category of Transportation and Material Movers, eight were Services Workers (including amusement services, health services, educational institutions), seven in the Protective Services (including police and firefighters), and another seven in Precision Production, Craft and Repair Workers (including mechanics and construction and trades workers).

**TABLE 20. OCCUPATIONS OF FATAL WORKERS, NUMBER AND PERCENT  
BY INJURIES AND ILLNESSES  
MAINE, 1990**

CATEGORY	TOTAL		INJURIES		ILLNESSES	
	Number	Percent	Number	Percent	Number	Perc
	1					
ALL WORKERS	59	100.0	32	100.0	27	100
Transportation and Material Movers	9	15.3	8	25.0	1	3
Other Services	8	13.6	4	12.5	4	14
Precision Production, Craft and Repair	7	11.9	3	9.4	4	14
Protective Service Workers	7	11.9	3	9.4	4	14
Handlers, Equipment Cleaners, Laborers	6	10.2	0	0.0	6	22
Farming, Fishing, Forestry	5	8.5	5	15.6	0	0
Machine Operators, Assemblers, Inspector	5	8.5	2	6.3	3	11
Executive, Administrative, Managerial	5	8.5	2	6.3	3	11
Professional Specialty	4	6.8	2	6.3	2	7
Technicians and Support	1	1.7	1	3.1	0	0
Sales	1	1.7	1	3.1	0	0
Administrative Support - Clerical	1	1.7	1	3.1	0	0
Private Household Workers	0	0.0	0	0.0	0	0
State, Military Occupations	0	0.0	0	0.0	0	0
Unknown	0	0.0	0	0.0	0	0

1. Unknown injuries and illnesses were omitted.

As shown in Table 21, nearly all deceased workers age 35 and under died as a result of an injury whereas most deceased workers age 41 and over died as a result of an illness. In the latter group of workers, heart attacks were a big factor.

In the age category 41-45, the number of fatalities is much lower than the number of fatalities for age categories surrounding this group. Workers between the ages of 41 and 45 are likely to have a good deal of work experience and are often too young to be considered heart attack candidates.

**TABLE 21. AGE OF FATAL WORKERS, NUMBER AND PERCENT  
BY INJURIES AND ILLNESSES  
MAINE, 1981-1990**

AGE SPAN	<sup>1</sup> TEN-YEAR TOTAL		INJURIES		ILLNESSES	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	445	100.0	248	100.0	197	100.0
16-20	24	5.4	24	9.7	0	0.0
21-25	31	7.0	31	12.5	0	0.0
26-30	36	8.1	36	14.5	0	0.0
31-35	53	11.9	43	17.3	10	5.1
36-40	38	8.5	22	8.9	16	8.1
41-45	34	7.6	12	4.8	22	11.2
46-50	48	10.8	24	9.7	24	12.2
51-55	62	13.9	21	8.5	41	20.8
56-60	67	15.1	18	7.3	49	24.9
61-65	21	4.7	5	2.0	16	8.1
66-70	14	3.1	5	2.0	9	4.6
71-75	12	2.7	6	2.4	6	3.0
Over 75	5	1.1	1	0.4	4	2.0

1. Fatality figures for 1984 are incomplete.

NOTE: Figures do not include reports with unknown age.

The link between injuries and illnesses and job experience becomes more visible when reviewing Table 22. Those individuals with less than two years of service with a company account for 58.7 percent of all fatalities due to injuries. Those with over 15 years of service with a company account for 34.1 percent of all fatalities resulting from an illness, including heart attacks. Hence, injury is tied to inexperience while illness may be linked to exposure and advancing age.

**TABLE 22. LENGTH OF SERVICE OF FATAL WORKERS  
NUMBER, BY INJURIES AND ILLNESSES  
MAINE, 1981-1990**

LENGTH OF SERVICE	TEN-YEAR TOTAL	INJURIES	ILLNESSES
	Number	Number	Number
TOTAL	378	211	167
Under 1 Month	55	43	12
1 Month to 6 Months	52	37	15
6 Months to 12 Months	36	24	12
1 Year up to 2 Years	30	20	10
2 Years up to 3 Years	22	13	9
3 Years up to 4 Years	12	6	6
4 Years up to 5 Years	14	7	7
5 Years up to 10 Years	50	30	20
10 Years up to 15 Years	35	16	19
15 Years up to 35 Years	72	15	57

1. Fatality figures for 1984 are incomplete.

NOTE: Figures do not include reports with unknown length of service.

TABLE 23.

**NATURE OF INJURIES AND ILLNESSES  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES							
CODES	NATURE OF INJURY OR ILLNESS	ALL		DISABLING		FATAL	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	75,155	100.0	26,693	100.0	61	100.0
100	AMPUTATION OR ENUCLEATION	48	0.1	48	0.2	0	0.0
110	ASPHYXIA, STRANGULATION DROWNING, SUFFOCATION	3	0.0	0	0.0	3	4.9
120	HEAT BURN	1,464	1.9	399	1.5	0	0.0
130	CHEMICAL BURN	1,096	1.5	234	0.9	0	0.0
140	CONCUSSION	141	0.2	80	0.3	0	0.0
15-	INFECTIVE OR PARASITIC DISEASE	140	0.2	57	0.2	0	0.0
160	CONTUSION, CRUSHING, BRUISE	11,457	15.2	2,635	9.9	1	1.6
170	CUT, LACERATION, PUNCTURE	12,289	16.4	2,187	8.2	2	3.3
18-	DERMATITIS	1,020	1.4	220	0.8	0	0.0
185	- Contact Dermatitis	796	1.1	169	0.6	0	0.0
190	DISLOCATION	843	1.1	540	2.0	0	0.0
200	ELECTRIC SHOCK, ELECTROCUTION	98	0.1	35	0.1	1	1.6
210	FRACTURE	2,199	2.9	1,234	4.6	6	9.8
220	EFFECTS OF EXPOSURE TO LOW TEMP.	37	0.0	8	0.0	0	0.0
230	HEARING LOSS OR IMPAIRMENT	101	0.1	4	0.0	0	0.0
240	EFFECTS OF ENVIRONMENTAL HEAT	58	0.1	12	0.0	0	0.0
250	HERNIA, RUPTURE	346	0.5	341	1.3	0	0.0
260	INFLAM./IRR. OF TENDONS/MUSCLES	3,724	5.0	1,487	5.6	0	0.0
27-	SYSTEMIC POISONING	560	0.7	216	0.8	0	0.0
28-	PNEUMOCONIOSIS	23	0.0	2	0.0	1	1.6
29-	RADIATION EFFECTS	300	0.4	110	0.4	0	0.0
295	- Welders Flash	290	0.4	103	0.4	0	0.0
300	SCRATCHES, ABRASIONS	5,261	7.0	823	3.1	0	0.0
310	SPRAINS, STRAINS	26,719	35.6	12,551	47.0	0	0.0
320	HEMORRHOIDS	7	0.0	4	0.0	0	0.0
330	HEPATITIS, SERUM AND INFECTIVE	3	0.0	1	0.0	0	0.0
400	MULTIPLE INJURIES	937	1.2	440	1.6	9	14.8
500	EFFECTS OF CHANGE IN ATMOS.PRES.	6	0.0	2	0.0	0	0.0
510	CEREBRO. & OTH. CIRCULATORY SYS.	31	0.0	24	0.1	0	0.0
520	COMPLICATIONS DUE TO MED. CARE	6	0.0	2	0.0	0	0.0
530	OTHER DISEASES OF THE EYE	147	0.2	23	0.1	0	0.0
540	MENTAL DISORDERS - INC. STRESS	451	0.6	302	1.1	0	0.0
55-	MALIGNANT NEOPLASM, TUMOR	11	0.0	6	0.0	2	3.3
56-	CONDITIONS OF NERVOUS SYSTEM	658	0.9	349	1.3	0	0.0
57-	CONDITIONS OF RESPIRATORY SYS.	165	0.2	78	0.3	0	0.0
580	SYMPTOMS AND ILL-DEFINED COND.	755	1.0	312	1.2	1	1.6
900	NO INJURY OR ILLNESS	467	0.6	37	0.1	0	0.0
950	DAMAGE TO PROSTHETIC DEVICES	514	0.7	5	0.0	0	0.0
990	OTHER OCCUPATIONAL DISEASE	40	0.1	23	0.1	0	0.0
991	HEART COND. - INC. HEART ATTACKS	101	0.1	77	0.3	22	36.1
995	OTHER INJURIES	47	0.1	7	0.0	0	0.0
999	NONCLASSIFIABLE	2,882	3.8	1,778	6.7	13	21.3

TABLE 24.

**PART OF BODY AFFECTED  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES							
CODES PART OF BODY AFFECTED		ALL		DISABLING		FATAL	
		Number	Percent	Number	Percent	Number	Percent
TOTAL		75,155	100.0	26,693	100.0	61	100.0
1--	HEAD	9,664	12.9	1,829	6.9	3	4.9
100	Head, Unspecified	432	0.6	132	0.5	0	0.0
110	Brain	148	0.2	87	0.3	1	1.6
12-	Ear(s)	293	0.4	36	0.1	0	0.0
120	Ear(s), Unspecified	16	0.0	3	0.0	0	0.0
121	Ear(s), External	65	0.1	11	0.0	0	0.0
124	Ear(s), Internal	212	0.3	22	0.1	0	0.0
130	Eye(s)	6,133	8.2	1,146	4.3	0	0.0
14-	Face	1,884	2.5	292	1.1	0	0.0
140	Face, Unspecified	138	0.2	27	0.1	0	0.0
141	Jaw	138	0.2	24	0.1	0	0.0
144	Mouth	610	0.8	67	0.3	0	0.0
146	Nose	235	0.3	37	0.1	0	0.0
148	Face, Multiple Parts	252	0.3	57	0.2	0	0.0
149	Face, Other	511	0.7	80	0.3	0	0.0
150	Scalp	654	0.9	98	0.4	0	0.0
160	Skull	11	0.0	8	0.0	2	3.3
198	Head, Multiple Parts	109	0.1	30	0.1	2	3.3
200	NECK	1,311	1.7	546	2.0	0	0.0
3--	UPPER EXTREMITIES	24,446	32.5	5,883	22.0	0	0.0
300	Upper Extrem., Unsp.	67	0.1	5	0.0	0	0.0
31-	Arm(s)	4,621	6.1	1,274	4.8	0	0.0
310	Arm(s), Unspecified	1,379	1.8	461	1.7	0	0.0
311	Upper Arm	274	0.4	82	0.3	0	0.0
313	Elbow	1,663	2.2	436	1.6	0	0.0
315	Forearm	1,082	1.4	218	0.8	0	0.0
318	Arm, Multiple	221	0.3	77	0.3	0	0.0
320	Wrist	3,568	4.7	1,247	4.7	0	0.0
330	Hand	4,243	5.6	974	3.6	0	0.0
340	Finger	10,651	14.2	1,926	7.2	0	0.0
398	Upper Extrem., Mult.	1,296	1.7	457	1.7	0	0.0
4--	TRUNK	20,499	27.3	10,564	39.6	8	13.1
400	Trunk, Unspecified	10	0.0	8	0.0	0	0.0
410	Abdomen	797	1.1	504	1.9	0	0.0
420	Back	12,521	16.7	6,995	26.2	1	1.6
430	Chest	1,391	1.9	548	2.1	4	6.6
440	Hips	1,292	1.7	573	2.1	0	0.0
450	Shoulder(s)	3,109	4.1	1,272	4.8	1	1.6
498	Trunk, Multiple	1,379	1.8	664	2.5	2	3.3
5--	LOWER EXTREMITIES	11,238	15.0	4,696	17.6	0	0.0
51-	Leg(s)	5,726	7.6	2,285	8.6	0	0.0
510	Leg(s), Unspec.	739	1.0	303	1.1	0	0.0
511	Thigh	422	0.6	134	0.5	0	0.0
513	Knee	3,749	5.0	1,575	5.9	0	0.0
515	Lower Leg	681	0.9	217	0.8	0	0.0
518	Leg, Multiple	134	0.2	55	0.2	0	0.0
520	Ankle	2,139	2.8	1,090	4.1	0	0.0
530	Foot	2,339	3.1	956	3.6	0	0.0
540	Toe(s)	770	1.0	259	1.0	0	0.0
598	Lower Extrem., Mult.	259	0.3	104	0.4	0	0.0
700	MULTIPLE PARTS	4,900	6.5	2,114	7.9	11	18.0
8--	BODY SYSTEM	1,760	2.3	873	3.3	27	44.3
800	Body System, Unspec.	577	0.8	224	0.8	0	0.0
801	Circulatory System	133	0.2	101	0.4	22	36.1
810	Digestive System	16	0.0	10	0.0	0	0.0
820	Excretory System	12	0.0	5	0.0	0	0.0
830	Skeletal System	0	0.0	0	0.0	0	0.0
840	Nervous System	561	0.7	345	1.3	1	1.6
850	Respiratory System	460	0.6	187	0.7	4	6.6
880	Other Body Systems	1	0.0	1	0.0	0	0.0
999	NONCLASSIFIABLE	1,337	1.8	188	0.7	12	19.7



TABLE 25.

**SOURCE OF INJURIES AND ILLNESSES  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

CODES	SOURCE OF INJURY OR ILLNESS	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	75,155	100.0	26,693	100.0	61	100.0
01--	AIR PRESSURE	13	0.0	5	0.0	0	0.0
02--	ANIMALS, INSECTS, ETC.	396	0.5	62	0.2	0	0.0
03--	ANIMAL PRODUCTS	197	0.3	95	0.4	0	0.0
0330	Hides, Leather	155	0.2	85	0.3	0	0.0
0400	BODILY MOTION	3,229	4.3	1,480	5.5	0	0.0
05--	BOILERS, PRESSURE VESSELS	499	0.7	169	0.6	0	0.0
0530	Pressure Lines	333	0.4	109	0.4	0	0.0
06--	BOXES, BARRELS, CONTAINERS	7,495	10.0	3,369	12.6	0	0.0
0610	Pots, Pans, Dishes, Trays	644	0.9	250	0.9	0	0.0
0620	Pails, Buckets, Baskets	464	0.6	217	0.8	0	0.0
0630	Boxes, Crates, Cartons	3,163	4.2	1,445	5.4	0	0.0
0660	Bundles, Bales	244	0.3	127	0.5	0	0.0
0665	Reels, Rolls	797	1.1	334	1.3	0	0.0
0670	Tanks, Bins, Etc.	247	0.3	74	0.3	0	0.0
07--	BUILDINGS AND STRUCTURES	2,383	3.2	711	2.7	0	0.0
0705	Doors, Gates	968	1.3	246	0.9	0	0.0
0755	Walls, Fences	732	1.0	239	0.9	0	0.0
08--	CERAMIC TILES	44	0.1	21	0.1	0	0.0
09--	CHEMICALS, CHEMICAL COMPNDS	1,898	2.5	498	1.9	0	0.0
10--	CLOTHING	346	0.5	142	0.5	0	0.0
11--	COAL AND PETROLEUM PRODUCTS	213	0.3	52	0.2	0	0.0
1200	COLD, ATMOS. AND ENVIRON.	32	0.0	10	0.0	0	0.0
13--	CONVEYORS	283	0.4	91	0.3	0	0.0
14--	DRUGS AND MEDICINES	153	0.2	7	0.0	0	0.0
15--	ELECTRIC APPARATUS	643	0.9	231	0.9	1	1.6
1700	FLAME, FIRE, SMOKE	296	0.4	84	0.3	0	0.0
18--	FOOD PRODUCTS	531	0.7	168	0.6	0	0.0
19--	FURNITURE, FIXTURES, ETC.	2,604	3.5	778	2.9	0	0.0
1901	Cabinets, File/Bookcases	628	0.8	168	0.6	0	0.0
1970	Tables	311	0.4	90	0.3	0	0.0
2000	GLASS ITEMS, OTHER	475	0.6	93	0.3	0	0.0
22--	HAND TOOLS, NOT POWERED	6,006	8.0	1,257	4.7	3	4.9
2230	Hammer	456	0.6	96	0.4	0	0.0
2245	Knife	2,177	2.9	372	1.4	1	1.6
2295	Wrenches	394	0.5	81	0.3	0	0.0
2299	Other, Inc. needles	1,660	2.2	294	1.1	0	0.0
23--	HAND TOOLS, POWERED	1,421	1.9	569	2.1	0	0.0
2355	Saws	318	0.4	164	0.6	0	0.0
2400	HEAT, ATMOS. AND ENVIRON.	68	0.1	15	0.1	0	0.0
2500	HEATING EQUIPMENT, OTHER	293	0.4	97	0.4	0	0.0
26--	HOISTING APPARATUS	367	0.5	134	0.5	0	0.0
2700	INFECTIOUS, PARASITIC AGENT	422	0.6	117	0.4	0	0.0
28--	LADDERS	339	0.5	138	0.5	0	0.0

TABLE 25. (Continued)

**SOURCE OF INJURIES AND ILLNESSES  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES							
CODES	SOURCE OF INJURY OR ILLNESS	ALL		DISABLING		FATAL	
		Number	Percent	Number	Percent	Number	Percent
29--	LIQUIDS, OTHER	237	0.3	86	0.3	0	0.0
3---	MACHINES	4,267	5.7	1,348	5.1	1	1.6
3001	Agitators, Mixers, Tumble	112	0.1	44	0.2	0	0.0
3100	Buffers, Sanders, Grinder	191	0.3	59	0.2	0	0.0
3250	Drilling, Boring	134	0.2	47	0.2	0	0.0
3300	Highway Construction	205	0.3	81	0.3	0	0.0
3400	Office Machines	826	1.1	259	1.0	0	0.0
3750	Saws	286	0.4	112	0.4	0	0.0
3850	Shears, Slitters, Slicers	472	0.6	118	0.4	0	0.0
3900	Stitching and Sewing Mach	170	0.2	60	0.2	0	0.0
41--	METAL ITEMS	7,538	10.0	1,976	7.4	1	1.6
4110	Automobile Parts	362	0.5	144	0.5	0	0.0
4115	Beams, Bars	1,383	1.8	430	1.6	0	0.0
4120	Bullets from Guns	8	0.0	4	0.0	1	1.6
4140	Pipes and Fittings	965	1.3	284	1.1	0	0.0
4150	Castings, Forgings, Etc.	1,390	1.8	422	1.6	0	0.0
4155	Nails, Screws, Staples	800	1.1	184	0.7	0	0.0
4165	Chips, Splinters, Part.	1,986	2.6	358	1.3	0	0.0
4300	MINERAL ITEMS, NONMETALLIC	1,013	1.3	284	1.1	1	1.6
4400	NOISE	100	0.1	3	0.0	0	0.0
4500	PAPER AND PULP	426	0.6	160	0.6	0	0.0
4600	UNIDENTIFIED PARTICLES	1,364	1.8	190	0.7	0	0.0
4700	PLANTS, TREES, VEGETATION	600	0.8	292	1.1	3	4.9
4800	PLASTIC ITEMS, OTHER	183	0.2	61	0.2	0	0.0
49--	PUMPS AND PRIME MOVERS	131	0.2	54	0.2	0	0.0
50--	RADIATING SUBSTANCES/EQUIP.	309	0.4	112	0.4	0	0.0
5070	Welding Equipment	292	0.4	103	0.4	0	0.0
5300	SCRAP, DEBRIS, WASTE	71	0.1	13	0.0	0	0.0
5400	STEAM	76	0.1	20	0.1	0	0.0
5500	TEXTILE ITEMS, OTHER	264	0.4	134	0.5	0	0.0
56--	VEHICLES	4,315	5.7	1,806	6.8	18	29.5
5620	Highway Vehicles, Powered	2,144	2.9	926	3.5	17	27.9
563-	Plant or Industrial Veh.	1,933	2.6	773	2.9	1	1.6
5631	Nonpowered Vehicles	1,438	1.9	573	2.1	0	0.0
5635	Powered Carriers	376	0.5	153	0.6	0	0.0
57--	WOOD ITEMS	2,642	3.5	837	3.1	0	0.0
5710	Logs	201	0.3	88	0.3	0	0.0
5720	Lumber	911	1.2	368	1.4	0	0.0
5730	Skids, Pallets	399	0.5	179	0.7	0	0.0
58--	WORKING SURFACES	8,786	11.7	3,708	13.9	2	3.3
5801	Floor	3,876	5.2	1,547	5.8	1	1.6
5810	Ground	3,218	4.3	1,462	5.5	1	1.6
5840	Stairs, Steps	1,074	1.4	453	1.7	0	0.0
60--	PERSON	4,441	5.9	1,921	7.2	24	39.3
6010	Person, Inj. (Heart, etc)	764	1.0	483		24	39.3
6020	Person, Other Than Injur.	3,677	4.9	1,438	5.4	0	0.0
6100	RECREATION AND ATHLETIC EQ.	233	0.3	74	0.3	0	0.0
62--	RUBBER PRODUCTS	247	0.3	117	0.4	0	0.0
6210	Tires	212	0.3	106	0.4	0	0.0
6500	ICE, SNOW	33	0.0	12	0.0	0	0.0
8800	SOURCE, NEC	3,342	4.4	1,478	5.5	0	0.0
9800	NONCLASSIFIABLE	3,891	5.2	1,614	6.0	7	11.5

TABLE 26.

**TYPE OF ACCIDENT OR EXPOSURE  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES							
CODES	TYPE OF ACCIDENT OR EXPOSURE	ALL		DISABLING		FATAL	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	75,155	100.0	26,693	100.0	61	100.0
01-	STRUCK AGAINST	9,349	12.4	1,986	7.4	0	0.0
011	Stationary Object	8,595	11.4	1,761	6.6	0	0.0
012	Moving Object	621	0.8	200	0.7	0	0.0
02-	STRUCK BY	12,592	16.8	3,031	11.4	8	13.1
021	Falling Object	2,918	3.9	933	3.5	2	3.3
022	Flying Object	523	0.7	120	0.4	1	1.6
03-	FALL FROM ELEVATION	3,460	4.6	1,595	6.0	2	3.3
031	From Staging	277	0.4	156	0.6	2	3.3
032	From Ladders	557	0.7	282	1.1	0	0.0
034	From Vehicles	457	0.6	260	1.0	0	0.0
035	On Stairs	909	1.2	423	1.6	0	0.0
05-	FALL ON SAME LEVELS	6,141	8.2	2,386	8.9	0	0.0
051	Fall to Working Surface	4,972	6.6	1,955	7.3	0	0.0
052	Fall Onto/Against Objects	1,155	1.5	425	1.6	0	0.0
06-	CAUGHT IN, UNDER OR BETWEEN	2,270	3.0	723	2.7	4	6.6
061	In-running or Meshing Obj.	12	0.0	5	0.0	0	0.0
062	Moving and Stationary Obj.	1,265	1.7	383	1.4	3	4.9
08-	RUBBED OR ABRADED	4,855	6.5	892	3.3	0	0.0
082	Objects Handled	254	0.3	39	0.1	0	0.0
084	Foreign Matter in Eyes	4,125	5.5	677	2.5	0	0.0
100	BODILY REACTION	3,229	4.3	1,479	5.5	0	0.0
12-	OVEREXERTION	23,686	31.5	11,425	42.8	0	0.0
121	Lifting Objects	7,829	10.4	4,134	15.5	0	0.0
122	Pulling/Pushing Objects	2,534	3.4	1,171	4.4	0	0.0
123	Wielding, Throwing, Holding, Carrying Obj.	5,059	6.7	2,450	9.2	0	0.0
130	CONTACT W/ ELECTRIC CURRENT	126	0.2	45	0.2	1	1.6
15-	CONTACT WITH TEMP. EXTREMES	1,514	2.0	398	1.5	0	0.0
153	Hot Objects	1,404	1.9	369	1.4	0	0.0
18-	CONTACT WITH RADIATIONS, CAUSTICS, ETC.	3,967	5.3	1,010	3.8	1	1.6
181	By Inhalation	789	1.0	287	1.1	1	1.6
183	By Absorption	2,487	3.3	566	2.1	0	0.0
20-	TRANSPORTATION ACCIDENTS, OTHER THAN MOTOR VEHICLES	4	0.0	1	0.0	0	0.0
3--	MOTOR VEHICLE ACCIDENTS	858	1.1	452	1.7	12	19.7
31-	Both Vehicles in Motion	254	0.3	133	0.5	4	6.6
32-	Standing Vehicle or Stationary Objects	211	0.3	110	0.4	4	6.6
33-	Noncollision Accidents	243	0.3	130	0.5	4	6.6
40-	EXPOSURE TO NOISE	101	0.1	3	0.0	0	0.0
500	EXPLOSIONS	81	0.1	37	0.1	0	0.0
6--	NONHIGHWAY MOTOR VEHICLE ACCIDENT	191	0.3	82	0.3	0	0.0
899	ACCIDENT TYPE, NEC	1,493	2.0	598	2.2	26	42.6
999	NONCLASSIFIABLE	1,238	1.6	550	2.1	7	11.5

TABLE 27.

**ASSOCIATED OBJECT OR SUBSTANCE  
NUMBER AND PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES								
CODES	ASSOCIATED OBJECT OR SUBSTANCE	ALL		DISABLING		FATAL		
		Number	Percent	Number	Percent	Number	Percent	
	TOTAL	75,155	100.0	26,693	103.0	61	100.0	
01--	AIR PRESSURE	14	0.0	6	0.0	0	0.0	
02--	ANIMALS, INSECTS, ETC.	420	0.6	72	0.3	0	0.0	
03--	ANIMAL PRODUCTS	187	0.2	90	0.3	0	0.0	
0400	BODILY MOTION	1,942	2.6	888	3.3	0	0.0	
05--	BOILERS, PRESSURE VESSELS	783	1.0	252	0.9	0	0.0	
06--	BOXES, BARRELS, CONTAINERS	7,564	10.1	3,373	12.6	0	0.0	
07--	BUILDINGS AND STRUCTURES	2,276	3.0	682	2.6	0	0.0	
08--	CERAMIC TILES	36	0.0	15	0.1	0	0.0	
09--	CHEMICALS, CHEMICAL COMPNDS	1,722	2.3	454	1.7	0	0.0	
10--	CLOTHING	464	0.6	179	0.7	0	0.0	
11--	COAL AND PETROLEUM PRODUCTS	167	0.2	42	0.2	0	0.0	
1200	COLD, ATMOS. AND ENVIRON.	32	0.0	10	0.0	0	0.0	
13--	CONVEYORS	313	0.4	98	0.4	0	0.0	
14--	DRUGS AND MEDICINES	142	0.2	6	0.0	0	0.0	
15--	ELECTRIC APPARATUS	744	1.0	261	1.0	1	1.6	
16--	EXCAVATIONS, TRENCHES, ETC.	29	0.0	16	0.1	0	0.0	
1700	FLAME, FIRE, SMOKE	169	0.2	48	0.2	0	0.0	
18--	FOOD PRODUCTS	439	0.6	140	0.5	0	0.0	
19--	FURNITURE, FIXTURES, ETC.	3,038	4.0	897	3.4	0	0.0	
2000	GLASS ITEMS, OTHER	376	0.5	76	0.3	0	0.0	
22--	HAND TOOLS, NOT POWERED	6,553	8.7	1,351	5.1	0	0.0	
23--	HAND TOOLS, POWERED	3,027	4.0	935	3.5	1	1.6	
2400	HEAT, ATMOS. AND ENVIRON.	67	0.1	14	0.1	0	0.0	
2500	HEATING EQUIPMENT, OTHER	384	0.5	129	0.5	0	0.0	
26--	HOISTING APPARATUS	462	0.6	170	0.6	1	1.6	
2700	INFECTIOUS, PARASITIC AGENTS	423	0.6	118	0.4	0	0.0	
28--	LADDERS	926	1.2	428	1.6	0	0.0	
29--	LIQUIDS, OTHER	136	0.2	48	0.2	0	0.0	
3--	MACHINES	4,993	6.6	1,532	5.7	1	1.6	
41--	METAL ITEMS	5,186	6.9	1,507	5.6	0	0.0	
4300	MINERAL ITEMS, NONMETALLIC	555	0.7	194	0.7	1	1.6	
4400	NOISE	97	0.1	3	3.0	0	0.0	
4500	PAPER AND PULP	431	0.6	159	0.6	0	0.0	
4600	UNIDENTIFIED PARTICLES	54	0.1	7	0.0	0	0.0	
4700	PLANTS, TREES, VEGETATION	610	0.8	297	1.1	3	4.9	
4800	PLASTIC ITEMS, OTHER	181	0.2	66	0.2	0	0.0	
49--	PUMPS AND PRIME MOVERS	133	0.2	58	0.2	0	0.0	
50--	RADIATING SUBSTANCES/EQUIP.	31	0.0	11	0.0	0	0.0	
5300	SCRAP, DEBRIS, WASTE	39	0.1	8	0.0	0	0.0	
5400	STEAM	45	0.1	10	0.0	0	0.0	
5500	TEXTILE ITEMS, OTHER	272	0.4	133	0.5	0	0.0	
56--	VEHICLES	5,082	6.8	2,140	8.0	18	29.5	
57--	WOOD ITEMS	2,282	3.0	799	3.0	0	0.0	
60--	PERSON	4,910	6.5	2,066	7.7	27	44.3	
6100	RECREATION AND ATHLETIC EQ.	295	0.4	95	0.4	0	0.0	
62--	RUBBER PRODUCTS	244	0.3	116	0.4	0	0.0	
63--	PILES, STACKS	158	0.2	62	0.2	0	0.0	
64--	WORKING SURFACES	7,934	10.6	3,266	12.2	1	1.6	
6500	ICE, SNOW	23	0.0	9	0.0	0	0.0	
8800	SOURCE, NEC	3,429	4.6	1,483	5.6	0	0.0	
9800	NONCLASSIFIABLE	5,336	7.1	1,874	7.0	7	11.5	

**TABLE 28. INDUSTRY OF INJURED OR LLL WORKERS  
NUMBER, BY SEX  
MAINE, 1990**

		NUMBER OF CASES		
INDUSTRY		TOTAL	MALE	FEMALE
TOTAL, ALL INDUSTRIES		75,155	45,039	22,070
SIC	TOTAL, PRIVATE SECTOR	8,046	4,939	3,107
AGRICULTURE, FORESTRY, FISHING		889	719	170
01	AGRICULTURAL PRODUCTION, CROP	233	175	58
02	AGRICULTURAL PRODUCTION, LIVESTOCK	146	117	29
07	AGRICULTURAL SERVICES	456	363	93
08	FORESTRY	42	39	3
09	FISHING, HUNTING, TRAPPING	12	10	2
MINING AND UNKNOWN		207	171	36
CONSTRUCTION		7,417	7,244	173
15	GENERAL BUILDING CONTRACTORS	2,505	2,442	63
152	Residential Building Construction	1,010	988	22
154	Nonresidential Building Construction	1,478	1,439	39
16	HEAVY CONSTRUCTION CONTRACTORS	1,353	1,310	43
161	Highway and Street Construction	478	464	14
162	Heavy Construction, Except Highway	875	846	29
17	SPECIAL TRADE CONTRACTORS	3,559	3,492	67
171	Plumbing, Heating, Air Conditioning	924	914	10
173	Electrical Work	452	441	11
174	Masonry, Stonework, and Plastering	541	529	12
176	Roofing and Sheet Metal Work	211	210	1
179	Miscellaneous Special Trade Contractors	958	939	19
MANUFACTURING		25,725	19,795	5,930
20	FOOD AND KINDRED PRODUCTS	2,064	1,469	595
201	Meat Products	163	121	42
2015	Poultry Slaughtering and Processing	55	35	20
203	Preserved Fruits and Vegetables	649	461	188
2037	Frozen Fruits and Vegetables	548	384	164
205	Bakery Products	359	279	80
2051	Bread, Cake, and Related Products	358	278	80
209	Miscellaneous Foods and Kindred Products	555	300	255
2091	Canned and Cured Seafoods	354	153	201
2092	Fresh or Frozen Packaged Fish	164	115	49
22	TEXTILE MILL PRODUCTS	1,253	835	418
222	Weaving Mills, Synthetics	140	96	44
223	Weaving and Finishing Mills, Wool	521	365	156
23	APPAREL AND OTHER TEXTILE PRODUCTS	358	114	244
24	LUMBER AND WOOD PRODUCTS	2,903	2,368	535
241	Logging Camps and Logging Contractors	692	678	14
242	Sawmills and Planing Mills	806	744	62
2421	Sawmills, and Planing Mills, General	598	570	28
2426	Hardwood Dimensions and Flooring	208	174	34
243	Millwork, Plywood, and Structural Members	268	195	73
245	Wood Buildings and Mobile Homes	104	91	13
249	Miscellaneous Wood Products	973	610	363
25	FURNITURE AND FIXTURES	326	255	71
251	Household Furniture	200	140	60
26	PAPER AND ALLIED PRODUCTS	4,552	3,981	571
261	Pulp Mills	319	276	43
262	Paper Mills, Except Building Paper	3,793	3,369	424
267	Miscellaneous Converted Paper Products	297	213	84
27	PRINTING AND PUBLISHING	609	400	209
28	CHEMICAL AND ALLIED PRODUCTS	180	112	68
29	PETROLEUM AND COAL PRODUCTS	74	73	1
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	892	594	298
302	Rubber and Plastics Footwear	217	130	87
308	Miscellaneous Plastics Products	523	324	199
31	LEATHER AND LEATHER PRODUCTS	2,617	1,294	1,323
311	Leather Tanning and Finishing	584	511	73
313	Boot and Shoe Cut Stock and Findings	14	7	7
314	Footwear, Except Rubber	2,010	773	1,237
3143	Men's Footwear, Except Athletic	813	326	487
3144	Women's Footwear, Except Athletic	509	181	328
3149	Footwear, Except Rubber, Other	422	151	271

**TABLE 28. (Continued)**  
**INDUSTRY OF INJURED OR ILL WORKERS**  
**NUMBER, BY SEX**  
**MAINE, 1990**

SIC	INDUSTRY	NUMBER OF CASES		
		TOTAL	MALE	FEMALE
32	STONE, CLAY AND GLASS PRODUCTS	369	352	17
327	Concrete, Gypsum, and Plaster Products	289	287	2
33	PRIMARY METAL INDUSTRIES	161	129	32
34	FABRICATED METAL PRODUCTS	878	741	137
344	Fabricated Structural Metal Products	384	365	19
348	Ordinance and Access. exc. Veh., Missiles	216	147	69
35	INDUSTRIAL AND COMMERCIAL MACHINERY AND COMPUTER EQUIPMENT	865	756	109
353	Construction and Material Handling Mach.	59	53	6
354	Metalworking Machinery	138	115	23
36	ELECTRIC AND ELECTRONIC EQUIPMENT	906	393	513
366	Communication Equipment	135	101	34
367	Electronic Components and Accessories	318	96	222
37	TRANSPORTATION EQUIPMENT	6,555	5,834	721
372	Aircraft and Parts	393	328	65
373	Ship and Boat Building and Repairing	5,901	5,361	540
3731	Ship Building and Repairing	5,595	5,079	516
3732	Boat Building and Repairing	306	282	24
38	INSTRUMENTS AND RELATED PRODUCTS	102	65	37
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	61	30	31
	TRANSPORTATION AND PUBLIC UTILITIES	2,894	2,566	328
41	LOCAL PASSENGER TRANSIT	143	92	51
42	TRUCKING AND WAREHOUSING	1,480	1,386	94
421	Trucking, Local and Long Distance	1,419	1,333	86
44	WATER TRANSPORTATION	120	113	7
45	TRANSPORTATION BY AIR	100	81	19
48	COMMUNICATION	356	289	67
49	ELECTRIC, GAS, AND SANITARY SERVICES	662	585	74
491	Electric Services	484	417	67
	WHOLESALE TRADE	4,105	3,537	568
50	WHOLESALE TRADE, DURABLE GOODS	2,168	1,908	260
508	Machinery, Equipment, and Supplies	406	388	18
51	WHOLESALE TRADE, NONDURABLE GOODS	1,937	1,629	308
514	Groceries and Related Products	986	902	84
	RETAIL TRADE	11,122	6,232	4,890
52	BUILDING MATERIALS, HARDWARE, MOBILE HOMES	771	702	69
521	Lumber and Other Building Materials	535	504	31
53	GENERAL MERCHANDISE STORES	1,199	501	698
531	Department Stores	896	374	522
54	FOOD STORES	2,627	1,234	1,393
541	Grocery Stores	2,472	1,171	1,301
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,448	1,286	162
551	New and Used Car Dealers	761	722	39
553	Auto and Home Supply Stores	209	196	13
56	APPAREL STORES	273	83	190
57	FURNITURE AND HOME FURNISHINGS STORES	235	201	34
58	EATING AND DRINKING PLACES	2,866	1,312	1,554
59	MISCELLANEOUS RETAIL	1,703	913	790
594	Miscellaneous Shopping Goods Stores	852	313	539
	FINANCE, INSURANCE, AND REAL ESTATE	1,257	352	905
60	DEPOSITORY INSTITUTIONS	395	64	331
63	INSURANCE CARRIERS	468	85	383
65	REAL ESTATE	215	153	62
	SERVICES	13,493	4,423	9,070
70	HOTELS AND OTHER LODGING	998	463	535
701	Hotels, Motels, and Tourist Courts	760	311	449
72	PERSONAL SERVICES	211	93	118
73	BUSINESS SERVICES	893	567	326
75	AUTO REPAIR, SERVICES, AND GARAGES	560	529	31
753	Automotive Repair Shops	439	421	18
76	MISCELLANEOUS REPAIR SERVICES	232	224	8
79	AMUSEMENT AND RECREATION SERVICES	488	359	129
80	HEALTH SERVICES	7,030	900	6,130
805	Nursing and Personal Care Facilities	2,869	238	2,631
806	Hospitals	3,670	608	3,062
82	EDUCATIONAL SERVICES	797	384	413
822	Colleges and Universities	429	234	195
83	SOCIAL SERVICES	1,316	388	928



TABLE 28. (Continued)  
INDUSTRY OF INJURED OR ILL WORKERS  
NUMBER, BY SEX  
MAINE, 1990

	NUMBER OF CASES		
	TOTAL	MALE	FEMALE
TOTAL, PRIVATE SECTOR	8,046	4,939	3,107
STATE GOVERNMENT	2,551	1,394	1,157
Highway and Street Construction	379	335	44
Hospitals	510	176	334
Colleges and Universities	513	292	221
Social Services	278	91	187
Public Administration	749	416	333
Police Protection	66	61	5
Correctional Institutions	114	85	29
LOCAL GOVERNMENT	5,495	3,545	1,950
Highway and Street Construction	749	716	33
Sanitary Services	397	377	20
Amusement and Recreation Services	120	89	31
Educational Services	2,106	789	1,317
Public Administration	1,713	1,392	321
Police Protection	751	639	112
Fire Protection	529	477	52

TABLE 29.

OCCUPATION OF INJURED OR ILL WORKER  
NUMBER, BY AGE  
MAINE, 1990

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGE	15 YEARS OR LESS	16-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS OR MORE	AGE UNKNOWN
TOTAL, ALL OCCUPATIONS	75,155	150	4,203	11,717	25,687	17,594	9,679	4,900	541	684
EXECUTIVE, ADMINISTRATIVE, MANAGERIAL	2,036	0	28	144	592	667	380	183	23	19
Managers and Administrators, NEC	972	0	25	90	329	284	152	74	10	8
Management Related Occupations (e.g., Accountants, Buyers, Personnel Officers)	726	0	2	45	189	263	146	64	10	7
PROFESSIONAL SPECIALTY	3,584	3	36	282	1,203	1,235	532	240	25	28
Registered Nurses	1,349	1	1	87	453	504	185	102	8	8
Elementary Teachers	419	0	1	9	110	150	111	34	1	3
Secondary Teachers	131	0	0	8	25	50	33	12	0	3
Social Workers	188	0	1	12	61	65	30	17	1	1
TECHNICIANS AND SUPPORT	1,621	0	20	173	572	552	203	84	9	8
Licensed Practical Nurses	521	0	1	26	147	227	78	33	5	4
Health Technologists and Tech., NEC	313	0	2	51	119	95	29	16	0	1
SALES	2,591	15	276	418	744	597	309	164	31	37
Supervisors, Sales Occupations	681	0	11	80	247	188	109	39	2	5
Sales Workers	1,760	15	263	327	456	361	171	110	29	28
ADMINISTRATIVE SUPPORT	4,199	3	119	581	1,260	1,226	640	297	38	35
Secretaries	536	0	4	62	160	169	93	37	4	7
Bookkeepers, Account Clerks	255	0	5	27	72	85	48	17	1	0
Shipping and Receiving Clerks	481	0	35	102	155	112	56	15	4	2
Stock and Inventory Clerks	244	0	9	47	70	72	21	21	1	3
HOUSEHOLD OCCUPATIONS	11	0	0	0	3	0	3	4	0	1
Laundrerers, Cooks, Child Care Workers	11	0	0	0	3	0	3	4	0	1
PROTECTIVE SERVICES	1,775	4	48	280	665	469	209	73	17	10
Firefighters	460	3	23	53	173	142	54	9	0	3
Police and Detectives	565	0	3	95	257	158	45	6	0	1
Guards and Police, exc. Public Service	307	0	8	55	93	54	45	41	9	2
SERVICES	11,825	78	1,191	1,926	3,295	2,385	1,657	1,003	132	158
Waiters and Waitresses	534	1	80	130	160	85	44	20	1	13
Cooks	1,174	5	150	233	335	204	138	80	8	21
Kitchen Workers, Food Preparation	1,774	25	402	349	387	265	179	117	14	36
Health Aides, except Nursing	456	1	54	65	131	89	62	43	5	6
Nursing Aides	3,538	1	156	597	1,183	841	490	224	15	31
Maids and Housemen	865	1	62	90	194	209	174	104	19	12
Janitors and Cleaners	1,842	14	66	163	422	424	397	293	51	12

TABLE 29. (Continued)

OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY AGE  
MAINE, 1990

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGE	15 YEARS OR MORE	16-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS OR MORE	AGE UNKNOWN
FARMING, FISHING, FORESTRY	1,679	10	120	261	586	340	189	119	19	35
Farm Workers	246	4	19	41	80	41	30	15	6	10
Groundskeepers, Gardeners, exc. Farm	522	3	71	101	172	84	40	34	9	8
Logging Occupations	524	0	21	65	178	124	74	46	2	14
PRECISION CRAFT AND REPAIR	17,128	0	342	2,334	6,703	4,196	2,259	1,099	72	123
Supervisors, Mechanics and Repairers	286	0	1	4	81	97	71	27	3	2
Auto Mechanics	985	0	41	205	411	188	104	32	1	3
Bus and Truck Mechanics	535	0	4	67	203	145	84	25	0	7
Industrial Machinery Maintenance Occup.	1,019	0	4	47	296	325	219	124	3	1
Machinery Maintenance Occup.	475	0	6	32	133	151	92	56	4	1
Heating, Air Conditioning,	474	0	1	57	222	97	64	31	2	0
Refrigeration Mechanics										
Millwrights	568	0	2	22	166	207	104	62	2	3
Supervisors, Construction Occupations	607	0	2	22	225	207	92	50	4	5
Carpenters	2,053	0	39	291	991	403	180	95	9	45
Electricians	1,291	0	33	201	496	334	133	84	6	4
Plumbers, Pipefitters, Steamfitters	1,506	0	15	216	568	398	199	96	7	7
Roofers	104	0	2	19	45	28	5	5	0	0
Structural Metal Workers	298	0	7	46	127	79	25	11	1	2
Supervisors, Production Occupations	567	0	1	30	202	150	114	66	2	2
Boilermakers	76	0	2	5	27	22	14	4	0	2
Lay-out Workers	574	0	21	123	278	95	45	11	0	1
Water and Sewage Treatment Plant Op.	160	0	2	16	55	53	24	10	0	0
MACHINE OPERATORS, ASSEMBLERS, INSPECT.	13,290	1	569	2,230	4,858	3,045	1,688	793	56	50
Metal and Plastic Lathe Operators	72	0	0	10	29	20	5	6	1	1
Grinding and Buffing Machine Operators	173	0	3	31	76	32	21	10	0	0
Wood Lathe, Routing and Planing Op.	123	0	6	23	50	18	17	7	2	0
Sawing Machine Operators	301	0	22	57	126	49	21	18	3	5
Printing Machine Operators	163	0	5	27	83	30	7	10	0	1
Winding and Twisting Machine Operators	253	0	5	25	92	67	42	20	2	0
Textile Sewing Machine Operators	224	0	14	28	72	52	41	16	0	1
Shoe Machine Operators	1,534	0	106	268	435	338	263	112	10	2
Miscellaneous Textile Machine Op.	287	0	19	51	97	64	28	23	4	1
Paint Spraying Machine Op.	437	0	13	114	182	86	27	14	0	1
Furnace, Kiln, Oven Operators	170	0	0	17	51	56	27	16	1	2
Slicing and Cutting Machine Operators	135	0	8	30	54	26	13	2	2	0
Welders and Cutters	1,402	0	35	304	569	311	128	44	2	9
Assemblers	640	0	24	135	240	132	64	36	4	5
Miscellaneous Hand Working Occupations	233	0	10	31	85	50	42	13	0	2
Production Inspectors	399	0	18	38	112	112	63	53	2	1
TRANSPORTATION AND MATERIAL MOVING OC.	4,576	0	84	500	1,595	1,175	770	389	31	32
Truck Drivers	2,807	0	49	311	963	738	487	232	12	15
Bus Drivers	217	0	1	1	46	60	70	28	8	3
Crane Operators	81	0	1	10	31	18	14	6	1	0
Excavating and Loading Machine Op.	152	0	1	15	47	40	31	15	2	1
Industrial Truck and Tractor Op. (Forklifts, Skidders)	304	0	10	29	132	63	36	31	0	3

TABLE 29. (Continued)

OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY AGE  
MAINE, 1990

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGE	15 YEARS OR MORE	16-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS OR MORE	AGE UNKNOWN
HANDLERS, CLEANERS, HELPERS	10,521	33	1,354	2,530	3,520	1,639	804	428	78	135
Helpers, Construction Trades	348	0	31	122	137	33	9	1	2	13
Construction Laborers	1,590	2	199	450	561	211	93	47	3	24
Stock Handlers and Baggers	1,353	6	332	298	332	183	95	66	23	18
Machine Feeders and Offbearers	183	0	26	56	56	24	12	8	0	1
Hand Packers	536	1	46	67	161	109	89	50	8	5
Laborers, except Construction	4,639	19	511	1,143	1,611	735	358	176	35	51
STATE MILITARY OCCUPATIONS	3	0	0	0	2	0	1	0	0	0
OCCUPATION NOT REPORTED	316	3	16	58	89	68	35	24	10	13

TABLE 30.

**OCCUPATION OF INJURED OR ILL WORKER  
NUMBER, BY INDUSTRY DIVISION  
MAINE, 1990**

OCCUPATION	TOTAL FOR ALL IND	MANUFAC- TURING	SERVICE	RETAIL	CONSTR	WHOLE- SALE	TRANS AND P/UTIL	FINANCE INSURANCE R/ESTATE	AGRIC FISH FOREST	MINING AND OTHER	PUBLIC SECTOR
TOTAL, ALL OCCUPATIONS	75,155	25,725	13,493	11,122	7,417	4,105	2,894	1,257	889	207	6,046
EXECUTIVE, ADMINISTRATIVE, MANAGERIAL	2,036	340	443	458	73	85	73	180	8	12	364
Managers and Administrators, NEC	972	99	214	377	53	45	45	37	6	5	91
Management Related Occupations (e.g., Accountants, Buyers, Personnel Officers)	726 0 0	230	139	75	18	36	27	85	1	6	109
PROFESSIONAL SPECIALTY	3,584	130	2,164	50	16	16	54	20	22	1	1,111
Registered Nurses	1,345	9	1,246	0	0	0	0	4	0	1	85
Elementary Teachers	419	0	18	0	0	0	0	0	0	0	401
Secondary Teachers	131	0	20	0	0	0	0	0	0	0	111
Social Workers	188	0	105	0	0	0	0	0	0	0	83
TECHNICIANS AND SUPPORT	1,621	130	1,097	18	11	20	78	24	5	8	230
Licensed Practical Nurses	521	0	452	0	0	0	3	1	0	1	64
Health Technologists and Tech., NEC	313	2	190	2	0	1	38	1	0	0	79
SALES	2,591	127	113	1,900	11	282	26	58	6	5	63
Supervisors, Sales Occupations	681	34	36	518	2	69	8	4	0	0	10
Sales Workers	1,760	75	73	1,355	8	168	15	4	5	4	53
ADMINISTRATIVE SUPPORT	4,199	681	934	529	50	268	243	721	8	12	753
Secretaries	536	32	295	18	12	13	11	38	0	1	116
Bookkeepers, Account Clerks	255	30	64	47	9	20	11	35	0	2	37
Shipping and Receiving Clerks	481	201	32	110	6	83	34	5	2	1	7
Stock and Inventory Clerks	244	86	32	62	6	38	3	2	0	1	14
HOUSEHOLD OCCUPATIONS	11	0	9	0	0	0	0	1	0	1	0
Launderers, Cooks, Child Care Workers	11	0	9	0	0	0	0	1	0	1	0
PROTECTIVE SERVICES	1,775	82	207	22	4	6	1	5	0	7	1,441
Firefighters	460	1	0	0	0	0	0	0	0	0	459
Police and Detectives	565	0	1	0	1	2	0	0	0	5	556
Guards and Police, exc. Public Service	307	80	166	21	3	4	1	5	0	0	27
SERVICES	11,825	219	6,214	3,242	14	52	34	109	6	20	1,915
Waiters and Waitresses	534	0	92	439	0	0	0	0	0	0	3
Cooks	1,174	7	364	646	0	5	0	4	0	3	145
Kitchen Workers, Food Preparation	1,774	5	198	1,358	1	9	0	0	2	1	200
Health Aides, except Nursing	456	0	404	3	0	0	4	0	0	0	45
Nursing Aides	3,538	0	2,970	3	0	1	0	15	0	1	548
Maids and Housemen	865	1	794	20	1	0	0	2	0	1	46
Janitors and Cleaners	1,842	193	574	177	9	28	12	72	3	11	763
FARMING, FISHING, FORESTRY	1,679	526	268	41	11	34	30	27	563	16	163
Farm Workers	246	40	9	2	0	7	2	1	165	10	10
Groundskeepers, Gardeners, exc. Farm	522	11	146	19	5	0	3	25	206	2	105
Logging Occupations	524	452	2	3	5	14	22	0	17	2	7

TABLE 30. (Continued)

**OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY INDUSTRY DIVISION  
MAINE, 1990**

OCCUPATION	TOTAL FOR ALL IND	MANUFAC- TURING	SERVICE	RETAIL	CONSTR	WHOLE- SALE	TRANS AND P/UTIL	FINANCE INSURANCE R/ESTATE	AGRIC FISH FOREST	MINING AND OTHER	PUBLIC SECTOR
PRECISION CRAFT AND REPAIR	17,128	7,085	919	1,671	4,674	887	791	51	36	48	966
Supervisors, Mechanics and Repairers	286	91	46	62	20	25	13	3	2	0	24
Auto Mechanics	985	18	226	599	5	61	17	1	2	3	53
Bus and Truck Mechanics	535	60	40	64	24	97	146	0	8	0	96
Industrial Machinery Maintenance Occup.	1,019	824	20	7	7	110	39	1	0	2	9
Machinery Maintenance Occup.	475	351	28	15	6	27	19	0	1	1	27
Heating, Air Conditioning, Refrigeration Mechanics	474	8	47	246	77	79	12	2	0	0	3
Millwrights	568	393	17	5	140	2	7	0	1	0	3
Supervisors, Construction Occupations	607	15	20	5	463	5	7	4	3	1	84
Carpenters	2,053	422	75	40	1,389	30	19	20	1	22	35
Electricians	1,291	786	31	9	417	4	19	4	0	0	21
Plumbers, Pipefitters, Steamfitters	1,506	685	33	18	739	16	1	0	0	0	14
Roofers	104	4	1	0	98	1	0	0	0	0	0
Structural Metal Workers	298	22	5	1	206	14	0	1	0	0	49
Supervisors, Production Occupations	567	476	16	22	9	30	5	2	0	1	6
Boilermakers	76	5	7	1	55	8	0	0	0	0	0
Lay-out Workers	574	574	0	0	0	0	0	0	0	0	0
Water and Sewage Treatment Plant Op.	160	15	5	0	0	0	15	0	0	0	125
MACHINE OPERATORS, ASSEMBLERS, INSPECT.	13,290	11,776	435	252	225	432	71	19	15	9	56
Metal and Plastic Lathe Operators	72	69	1	0	0	2	0	0	0	0	0
Grinding and Buffing Machine Operators	173	169	1	1	0	0	0	1	1	0	0
Wood Lathe, Routing and Planing Op.	123	108	4	9	2	0	0	0	0	0	0
Sawing Machine Operators	301	273	5	20	0	3	0	0	0	0	0
Printing Machine Operators	163	129	11	4	1	7	0	8	0	0	3
Winding and Twisting Machine Operators	253	253	0	0	0	0	0	0	0	0	0
Textile Sewing Machine Operators	224	203	4	9	0	0	0	0	0	1	7
Shoe Machine Operators	1,534	1,501	1	32	0	0	0	0	0	0	0
Miscellaneous Textile Machine Op.	267	281	3	3	0	0	0	0	0	0	0
Paint Spraying Machine Op.	437	401	9	1	11	7	5	0	2	0	1
Furnace, Kiln, Oven Operators	170	131	13	4	3	5	5	1	0	0	8
Slicing and Cutting Machine Operators	135	111	9	4	1	8	2	0	0	0	0
Welders and Cutters	1,402	1,123	36	2	174	33	24	0	0	2	8
Assemblers	640	551	30	14	6	36	0	1	1	0	1
Miscellaneous Hand Working Occupations	233	204	4	15	0	8	0	0	2	0	0
Production Inspectors	399	324	4	43	2	20	0	0	0	0	6
TRANSPORTATION AND MATERIAL MOVING OC.	4,576	972	173	523	421	789	1,099	13	59	40	487
Truck Drivers	2,807	333	119	410	175	593	959	5	38	22	153
Bus Drivers	217	3	17	0	0	1	31	5	0	1	159
Crane Operators	81	31	0	0	23	7	13	0	4	1	2
Excavating and Loading Machine Op.	152	18	0	2	72	2	15	0	4	3	36
Industrial Truck and Tractor Op. (Forklifts, Skidders)	304	207	1	19	7	47	11	0	4	6	2



TABLE 30. (Continued)

OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY INDUSTRY DIVISION  
MAINE, 1990

OCCUPATION	TOTAL FOR ALL IND	MANUFAC- TURING	SERVICE	RETAIL	CONST.	WHOLE- SALE	TRANS AND P/UTIL	FINANCE INSURANCE R/ESTATE	AGRIC FISH FOREST	MINING AND OTHER	PUBLIC SECTOR
HANDLERS, CLEANERS, HELPERS	10,521	3,560	455	2,366	1,856	1,217	384	23	156	21	483
Helpers, Construction Trades	348	23	6	5	297	5	5	1	1	2	3
Construction Laborers	1,590	79	40	12	1,354	3	13	5	4	8	72
Stock Handlers and Baggers	1,353	46	8	1,229	2	63	3	0	1	1	0
Machine Feeders and Offbearers	183	157	12	11	0	1	1	0	1	0	0
Hand Packers	536	391	12	73	0	27	3	1	29	0	0
Laborers, except Construction	4,639	2,122	262	635	148	903	146	16	106	9	292
STATE MILITARY OCCUPATIONS	3	0	0	0	0	0	0	0	0	0	3
OCCUPATION NOT REPORTED	316	97	62	50	51	17	10	6	5	7	11

TABLE 31.

**OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY SELECTED MANUFACTURING INDUSTRIES  
MAINE, 1990**

OCCUPATION	TOTAL	LUMBER WOOD	PAPER	LEATHER	TRANS EQPT.	FOOD	TEXTILES	FABRIC. METAL	ELECTRIC ELEC'NC EQPT.	RUBBER AND PLASTIC	MACH. EXCEPT ELECT	OTHER MFG.
TOTAL. ALL OCCUPATIONS	25,725	2,903	4,552	2,617	6,555	2,064	1,253	878	906	892	865	2,240
EXECUTIVE, ADMINISTRATIVE, MANAGERIAL	340	26	35	12	150	24	9	6	11	9	15	43
Managers and Administrators, NEC	99	14	7	5	19	9	5	4	7	4	4	21
Management Related Occupations (e.g., Accountants, Buyers, Personnel Officers)	230	12	27	6	131	11	3	2	4	5	11	18
SALES	127	9	0	10	4	38	1	0	3	0	1	61
Supervisors, Sales Occupations	34	1	0	6	1	11	0	0	1	0	0	14
Sales Workers	75	7	0	4	3	21	0	0	0	0	1	39
ADMINISTRATIVE SUPPORT	681	39	112	84	71	90	29	30	37	26	24	139
Secretaries	32	5	8	3	3	0	1	3	3	1	3	2
Bookkeepers, Account Clerks	30	3	5	2	0	4	3	1	2	1	1	8
Shipping and Receiving Clerks	201	7	27	25	4	54	11	16	8	9	5	35
Stock and Inventory Clerks	86	3	29	1	14	8	2	3	10	2	11	3
PRECISION CRAFT AND REPAIR	7,085	351	1,329	125	3,682	305	141	201	305	82	264	300
Supervisors, Mechanics and Repairers	91	7	52	2	5	6	5	1	3	3	3	4
Auto Mechanics	18	4	3	0	1	4	0	1	0	0	2	3
Bus and Truck Mechanics	60	12	10	0	13	10	1	0	0	0	0	14
Industrial Machinery Maintenance Occup	824	61	315	11	269	35	31	11	28	16	14	33
Machinery Maintenance Occup.	352	41	140	20	22	28	24	7	21	12	12	25
Heating, Air Conditioning, Refrigeration Mechanics	8	1	0	0	1	2	0	2	0	0	1	1
Millwrights	393	34	323	7	0	10	14	2	1	0	0	2
Carpenters	422	22	8	3	360	2	3	4	1	2	5	12
Electricians	786	12	105	2	636	7	8	3	2	2	3	6
Plumbers, Pipefitters, Steamfitters	685	2	137	9	523	0	3	9	1	1	0	0
Structural Metal Workers	22	0	0	0	4	0	0	18	0	0	0	0
Supervisors, Production Occupations	476	66	79	44	20	55	40	19	21	37	24	71
Lay-out Workers	574	0	0	0	574	0	0	0	0	0	0	0
MACHINE OPERATORS, ASSEMBLERS, INSPECT.	11,776	1,225	2,291	1,969	1,936	496	856	506	448	591	486	972
Metal and Plastic Lathe Operators	69	8	0	0	23	0	0	9	10	1	16	2
Grinding and Buffing Machine Operators	169	3	5	2	61	0	1	20	7	8	37	25
Wood Lathe, Routing and Planing Op.	108	98	2	0	6	0	0	0	0	0	2	0
Sawing Machine Operators	273	252	9	0	1	1	0	0	0	3	0	7
Printing Machine Operators	129	2	1	1	0	0	1	0	0	1	1	122
Winding and Twisting Machine Operators	253	1	50	0	1	0	195	0	5	0	0	1
Textile Sewing Machine Operators	204	1	0	48	2	0	11	0	0	5	6	131
Shoe Machine Operators	1,501	1	0	1,341	0	0	0	0	0	154	0	5
Miscellaneous Textile Machine Op.	281	0	1	31	1	1	212	0	0	0	0	35
Paint Spraying Machine Op.	401	8	26	7	317	0	1	1	6	16	5	14
Furnace, Kiln, Oven Operators	131	32	49	11	10	8	6	0	0	1	3	11
Slicing and Cutting Machine Operators	111	25	16	17	0	18	7	4	1	10	2	11
Welders and Cutters	1,123	1	34	1	712	13	3	167	23	9	119	41
Assemblers	551	43	2	1	163	4	5	47	111	26	69	80
Miscellaneous Hand Working Occupations	204	1	0	180	0	2	3	1	1	2	0	14
Production Inspectors	324	13	37	69	55	22	16	11	36	22	8	35

TABLE 31. (Continued)

OCCUPATION OF INJURED OR ILL WORKERS  
NUMBER, BY SELECTED MANUFACTURING INDUSTRIES  
MAINE, 1990

OCCUPATION	TOTAL	LUMBER WOOD	PAPER	LEATHER	TRANS EQPT.	FOOD	TEXTILES	FABRIC. METAL	ELECTRIC ELEC'NC EQPT.	RUBBER AND PLASTIC	MACH. EXCEPT ELECT	OTHER MFG.
TRANSPORTATION AND MATERIAL MOVING OC.	972	245	199	19	56	225	34	12	9	18	5	150
Truck Drivers	333	62	46	7	13	54	18	10	8	4	2	109
Industrial Truck and Tractor Op. (Forklifts, Skidders)	207	107	46	8	8	17	5	1	0	7	1	7
HANDLERS, CLEANERS, HELPERS	3,560	498	452	352	489	785	163	108	57	146	50	460
Machine Feeders and Offbearers	157	72	31	12	2	8	19	1	1	0	0	11
Hand Packers	391	35	15	60	1	215	8	1	8	17	5	26
Laborers, except Construction	2,122	280	237	230	428	398	50	63	25	60	36	315
MANUFACTURING OCCUPATIONS, NEC	1,087	496	121	39	145	91	20	13	32	14	16	100
OCCUPATION NOT REPORTED	97	14	13	7	22	10	0	2	4	6	4	15

**TABLE 32. DURATION OF EMPLOYMENT OF INJURED OR ILL WORKERS  
NUMBER AND CUMULATIVE PERCENT, BY SEVERITY  
MAINE, 1990**

REPORTS OF INJURIES AND ILLNESSES						
	ALL		DISABLING		FATAL	
	Number	Cumulative Percent	Number	Cumulative Percent	Number	Cumulative Percent
Total Reports	75,155	100.0	26,693	100.0	61	100.0
Missing Length of Service	2,531	3.4	817	3.1	6	9.8
Total with Length of Service	72,624	96.6	25,876	96.9	55	90.2
Length of Service						
Up to 1st Month	4,373	5.8	1,660	6.2	7	11.5
1st Month up to 2nd Month	3,464	10.4	1,342	11.2	4	18.0
2nd Month up to 3rd Month	2,772	14.1	1,123	15.5	0	18.0
3rd Month up to 4th Month	2,349	17.2	939	19.0	1	19.7
4th Month up to 5th Month	2,000	19.9	802	22.0	0	19.7
5th Month up to 6th Month	1,748	22.2	661	24.5	2	23.0
6th Month up to 7th Month	1,699	24.5	694	27.1	0	23.0
7th Month up to 8th Month	1,458	26.4	547	29.1	2	26.2
8th Month up to 9th Month	1,416	28.3	536	31.1	1	27.9
9th Month up to 10th Month	1,317	30.1	498	33.0	1	1.0
10th Month up to 11th Month	1,250	31.7	477	34.8	2	4.3
11th Month up to 1 Year	1,185	33.3	429	36.4	0	4.3
1st Year up to 2nd Year	11,526	48.6	4,285	52.4	1	5.9
2nd Year up to 3rd Year	7,650	58.8	2,621	62.2	6	15.8
3rd Year up to 4th Year	5,018	65.5	1,755	68.8	2	19.0
4th Year up to 5th Year	3,192	69.7	1,085	72.9	0	19.0
5th Year up to 6th Year	2,356	72.9	797	75.9	5	27.2
6th Year up to 7th Year	1,939	75.5	623	78.2	1	28.9
7th Year up to 8th Year	1,415	77.3	480	80.0	2	32.1
8th Year up to 9th Year	1,501	79.3	502	81.9	0	32.1
9th Year up to 10th Year	1,366	81.2	382	83.3	0	32.1
10th year up to 15th year	5,765	88.8	1,825	90.1	7	43.6
15th Year up to 20th Year	2,858	92.6	899	93.5	3	48.5
20th Year up to 25th Year	1,606	94.8	498	95.4	2	51.8
25th Year up to 30th Year	676	95.7	199	96.1	3	56.7
30th Year up to 35th Year	399	96.2	121	96.6	3	61.7
35th Year up to 40th Year	242	96.5	69	96.8	0	61.7
40th Year up to 60th Year	84	96.6	27	96.9	0	61.7
60 Year and Over	0	96.6	0	96.9	0	61.7

TABLE 33.

**INDUSTRY OF INJURED OR ILL WORKERS  
NUMBER, BY NATURE OF ILLNESS  
MAINE, 1990**

INDUSTRY	TOTAL	NATURE OF ILLNESS								
		INFECTIVE PARASITIC DISEASES	DERMA- TITIS	INFLAM. OF JOINTS	SYSTEM POISON- ING	RADIA- TION EFFECTS	CONDS. OF NERVOUS SYSTEM	CONDS. OF RESP. SYSTEM	HEART CONDI- TION	ALL OTHER DISEASES
TOTAL. ALL INDUSTRIES	8,286	140	1,020	3,724	560	300	658	165	101	1,618
TOTAL. PRIVATE SECTOR	7,435	100	915	3,534	426	288	597	145	77	1,353
AGRIC., FORESTRY, FISHING	87	0	36	18	2	1	7	2	5	16
CONSTRUCTION	502	8	72	150	53	61	36	13	9	100
MANUFACTURING	3,842	18	490	1,930	247	189	218	78	27	645
Food and Kindred Products	307	0	83	156	11	2	21	3	3	28
Textile Mill Products	137	0	17	88	2	3	8	0	0	19
Apparel and other Textile	85	0	4	52	8	0	8	1	1	11
Lumber and Wood, exc. Furn.	235	0	28	123	6	7	31	9	4	27
Furniture and Fixtures	38	0	7	20	2	2	1	1	0	5
Paper and Allied Products	606	1	77	194	54	9	26	21	13	211
Printing and Publishing	70	0	4	48	2	1	7	1	1	6
Rubber and Misc. Plastic	141	0	24	82	0	2	10	1	0	22
Leather and Leather Prod.	661	5	89	455	10	1	42	6	0	53
Fabricated Metal Products	134	0	18	46	10	25	13	2	0	20
Machinery, exc. Electrical	102	0	16	57	2	11	5	0	2	9
Electrical and Electron. Eq.	242	0	19	136	37	4	26	1	0	19
Transportation Equipment	987	11	86	429	95	115	12	31	2	206
Other Manufacturing Industry	97	1	18	44	8	7	8	1	1	9
TRANSPORTATION AND PUB. UTIL.	200	0	23	52	8	11	23	3	7	73
WHOLESALE TRADE	317	4	26	160	16	3	30	6	4	68
RETAIL TRADE	941	4	75	537	32	4	115	9	13	152
FINANCE, INSURANCE, R. ESTATE	378	0	8	234	5	0	52	8	3	68
SERVICES	1,148	66	179	450	63	19	113	25	7	226
MINING AND OTHER	20	0	6	3	0	0	3	1	2	5
TOTAL. PUBLIC SECTOR	851	40	105	190	134	12	61	20	24	265
STATE GOVERNMENT	404	30	45	88	50	3	32	8	13	135
LOCAL GOVERNMENT	447	10	60	102	84	9	29	12	11	130

TABLE 34.

**NATURE OF INJURIES AND ILLNESSES  
NUMBER, BY PART OF BODY AFFECTED  
MAINE, 1990**

NATURE OF INJURY OR ILLNESS	PART OF BODY AFFECTED										
	TOTAL	EYES	HEAD NECK	FINGERS	UPPER EXTREM.	BACK	TRUNK	LOWER EXTREM.	MULTI. PARTS	BODY SYSTEM	NOT KNOWN
TOTAL	75,155	6,133	4,842	10,651	13,795	12,521	7,978	11,238	4,900	1,760	1,337
AMPUTATION OR ENUCLEATION	48	0	0	45	2	0	0	1	0	0	0
HEAT BURN	1,464	111	112	179	702	14	48	169	127	0	2
CHEMICAL BURN	1,120	771	92	20	91	2	18	63	57	1	5
INFECTIVE OR PARASITIC DIS.	140	5	23	6	7	0	6	6	53	29	5
CONTUSION, BRUISE, CRUSHING	11,436	116	811	1,687	2,440	564	1,451	3,201	1,150	0	16
CUT, LACERATION, PUNCTURE	12,289	217	1,117	6,700	2,745	26	114	1,288	61	0	21
DERMATITIS	1,020	19	77	80	451	4	23	65	244	4	53
DISLOCATION	843	1	15	43	11	606	117	49	1	0	0
FRACTURE	2,199	0	344	592	384	17	223	610	28	0	1
HERNIA, RUPTURE	346	0	0	0	2	0	344	0	0	0	0
INFLAMMATION OF JOINTS, ETC	3,724	0	27	158	2,225	148	458	348	336	0	24
RADIATION EFFECTS	300	283	5	1	1	0	0	2	5	2	1
SCRATCHES, ABRASIONS	5,237	4,366	132	114	325	20	32	183	55	0	10
SPRAINS, STRAINS	26,740	5	1,105	724	3,334	10,772	4,573	4,491	1,674	1	61
MULTIPLE INJURIES	937	3	56	40	53	17	33	90	643	0	2
SYMPTOMS/ILL-DEFINED COND.	755	38	156	5	9	15	186	12	50	268	16
OTHER AND NONCLASSIFIABLE	6,557	198	770	257	1,013	316	352	660	416	1,455	1,120



TABLE 35.

**NATURE OF INJURIES AND ILLNESSES  
NUMBER, BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

NATURE OF INJURY OR ILLNESS	TYPE OF ACCIDENT OR EXPOSURE										
	TOTAL	STRUCK BY OR AGAINST	1 FALL	CAUGHT IN UNDER OR BETWEEN	RUBBED ABRADED	BODILY REACTION	OVER EXER- TION	CONTACT WITH TEMP.EX.	CONTACT WITH TOXIC	MOTOR VEHICLE ACCID.	OTHER AND UNKNOWN
TOTAL	75,155	21,934	9,602	2,270	4,855	3,229	23,685	1,521	3,965	858	3,236
AMPUTATION OR ENUCLEATION	48	24	0	22	0	0	1	0	0	0	1
HEAT BURN	1,464	2	3	1	3	0	0	1,391	6	0	58
CHEMICAL BURN	1,120	0	0	1	1	0	0	0	1,108	0	10
CONCUSSION	141	71	57	0	0	0	0	0	0	11	2
INFECTIVE OR PARASITIC DIS.	140	0	0	0	0	0	0	0	137	0	3
CONTUSION, BRUISE, CRUSHING	11,436	6,427	3,516	1,084	27	0	75	0	0	132	175
CUT, LACERATION, PUNCTURE	12,289	10,653	454	449	275	1	23	1	0	46	387
DERMATITIS	1,020	0	0	0	1	0	2	3	1,002	0	12
DISLOCATION	843	43	98	12	14	96	529	0	0	14	37
FRACTURE	2,199	1,080	714	244	1	28	50	0	0	31	51
HERNIA, RUPTURE	346	2	4	0	0	3	329	0	0	2	6
INFLAMMATION OF JOINTS, ETC.	3,724	2	0	0	179	102	3,416	2	1	7	15
SYSTEMIC POISONING	560	0	0	0	0	0	0	1	556	0	3
SCRATCHES, ABRASIONS	5,237	703	150	35	4,173	0	6	0	0	6	164
SPRAINS, STRAINS	26,740	1,487	2,948	161	131	2,884	18,595	2	0	292	240
MULTIPLE INJURIES	937	195	460	36	4	0	18	0	3	138	83
SYMPTOMS/ILL-DEFINED COND.	755	48	21	0	7	13	38	2	164	4	458
RADIATION EFFECTS	514	221	221	5	0	0	0	16	11	0	40
OTHER AND NONCLASSIFIABLE	5,642	976	956	220	39	102	603	103	977	175	1491

1. Includes fall to same level and fall to lower level.

TABLE 36.

**SOURCE OF INJURIES AND ILLNESSES  
NUMBER, BY NATURE OF INJURIES AND ILLNESSES  
MAINE, 1990**

SOURCE OF INJURY OR ILLNESS	TOTAL	NATURE OF INJURY OR ILLNESS									
		AMPU- TATION	HEAT BURNS	CHEM. BURNS	CONTU- SIONS BRUISES	CUTS LACER- ATIONS	FRACTURE	SCRATCHES ABRASIONS	SPRAINS STRAINS	ALL OTHER DISEASES	OTHER AND UNKNOWN
TOTAL	75,155	48	1,464	1,096	11,457	12,289	2,199	5,261	26,719	8,286	6,336
BODILY MOTION	3,229	0	0	0	21	1	28	0	2,863	137	179
BOILERS, PRESSURE VESSELS	499	0	33	0	89	38	31	11	246	9	42
BOXES, BARRELS, CONTAINERS	7,495	0	74	0	861	634	122	50	5,028	297	429
BUILDINGS AND STRUCTURES	2,383	2	1	0	942	344	114	44	703	16	217
CHEMICALS, CHEMICAL CMPDS.	1,898	0	54	915	0	3	0	55	3	815	53
CLOTHING	346	0	0	0	16	20	0	33	147	122	8
ELECTRIC APPARATUS	643	0	30	0	79	90	15	15	298	27	89
FOOD PRODUCTS	531	0	319	0	7	22	19	11	50	93	10
FURNITURE, FIXTURES, ETC	2,604	1	0	1	900	433	70	55	901	49	194
GLASS ITEMS, NEC	475	0	1	0	1	302	2	114	31	17	7
HAND TOOLS, NOT POWERED	6,006	1	22	0	458	3,738	123	46	1,097	361	160
HAND TOOLS, POWERED	1,421	4	40	1	100	528	38	19	500	134	57
HOISTING APPARATUS	367	2	0	0	132	39	31	2	121	8	32
MACHINES	4,267	29	38	0	728	1,399	163	42	808	801	259
METAL ITEMS	7,538	3	212	1	1,066	2,483	213	1,613	1,522	104	321
MINERAL ITEMS, NONMETALLIC	1,013	0	0	0	82	51	26	551	169	37	97
UNIDENTIFIED PARTICLES	1,364	0	0	1	0	11	0	1,319	1	29	3
PLANT, TREES, VEGETATION	600	0	0	0	93	66	52	68	100	140	81
VEHICLES	4,315	4	20	0	1,237	445	189	38	1,581	90	711
WOOD ITEMS	2,642	1	0	1	510	560	105	399	855	78	133
WORKING SURFACES	8,786	0	1	0	2,950	214	652	120	3,071	177	1,601
PERSON	4,441	0	0	0	488	138	61	251	2,522	688	293
OTHER AND NONCLASSIFIABLE	12,292	1	619	176	697	730	145	405	4,102	4,057	1,360

TABLE 37.

**SOURCE OF INJURIES AND ILLNESSES  
NUMBER, BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

SOURCE OF INJURY OR ILLNESS	TOTAL	TYPE OF ACCIDENT OR EXPOSURE									
		STRUCK BY OR AGAINST	1 FALL	CAUGHT IN UNDER OR BETWEEN	RUBBED ABRADED	BODILY REACTION	OVER EXER- TION	CONTACT WITH TEMP.EX.	CONTACT WITH TOXIC	MOTOR VEHICLE ACCID.	OTHER AND UNKNOWN
TOTAL	75,155	21,934	9,602	2,270	4,855	3,229	23,685	1,521	3,965	858	3,236
BODILY MOTION	3,229	0	0	0	0	3,227	2	0	0	0	0
BOILERS, PRESSURE VESSELS	499	214	9	23	1	0	215	32	0	0	5
BOXES, BARRELS, CONTAINERS	7,495	1,636	113	210	43	0	5,400	73	0	0	20
BUILDINGS AND STRUCTURES	2,383	1,431	251	161	15	0	517	1	0	0	7
CHEMICALS, CHEMICAL CMPDS.	1,898	5	0	0	42	0	2	54	1,780	0	15
CLOTHING	346	37	2	8	36	0	212	0	40	0	11
ELECTRIC APPARATUS	643	196	14	19	9	0	311	7	2	0	85
FOOD PRODUCTS	531	43	0	1	16	0	71	317	77	0	6
FURNITURE, FIXTURES, ETC	2,604	1,420	215	95	28	0	828	0	3	0	15
GLASS ITEMS, NEC	475	278	10	0	134	0	35	1	16	0	1
HAND TOOLS, NOT POWERED	6,006	4,381	19	64	21	0	1,486	21	1	0	13
HAND TOOLS, POWERED	1,421	649	21	45	7	0	641	39	1	0	18
HOISTING APPARATUS	367	150	9	87	2	0	114	0	0	0	5
MACHINES	4,267	1,975	113	512	14	1	1,522	37	1	2	90
METAL ITEMS	7,538	3,825	146	215	1,640	0	1,477	216	9	0	10
MINERAL ITEMS, NONMETALLIC	1,013	206	32	25	537	0	133	0	72	0	8
UNIDENTIFIED PARTICLES	1,363	12	0	0	1,323	0	0	0	25	0	3
PLANT, TREES, VEGETATION	600	343	18	11	9	0	79	0	138	0	2
VEHICLES	4,315	1,423	273	421	52	0	1,101	19	0	856	170
WOOD ITEMS	2,642	1,246	65	109	395	0	797	0	25	0	5
WORKING SURFACES	8,786	331	8,103	15	252	0	60	1	0	0	24
PERSON	3,677	808	2	20	0	0	2,343	0	1	0	503
OTHER AND NONCLASSIFIABLE	13,057	1,325	187	229	279	1	6,339	703	1,774	0	2,220

1. Includes fall to same level and fall to lower level.

TABLE 38.

**ASSOCIATED OBJECT OR SUBSTANCE  
NUMBER, BY TYPE OF ACCIDENT OR EXPOSURE  
MAINE, 1990**

TYPE OF ACCIDENT OR EXPOSURE											
ASSOCIATED OBJECT OR SUBSTANCE	TOTAL	STRUCK BY OR AGAINST	1 FALL	CAUGHT IN UNDER OR BETWEEN	RUBBED ABRADED	BODILY REACTION	OVER- EXER- TION	CONTACT WITH TEMP.EX	CONTACT WITH TOXIC	MOTOR VEHICLE ACCID.	OTHER AND NONCLASS
TOTAL	75,155	21,934	9,602	2,270	4,855	3,229	23,685	1,521	3,965	858	3,236
ANIMALS, INSECTS, ETC.	420	32	14	4	1	0	28	0	149	0	192
BODILY MOTION	1,942	76	172	0	2	1,656	36	0	0	0	0
BOILERS, PRESSURE VESSELS	783	234	73	23	64	15	211	83	71	0	9
BOXES, BARRELS, CONTAINERS	7,564	1,495	274	201	78	25	5,303	141	25	0	22
BUILDINGS AND STRUCTURES	2,276	1,386	153	148	82	13	481	4	2	0	7
CHEMICALS, CHEMICAL COMPOUNDS	1,722	1	1	0	20	0	2	41	1,649	0	8
ELECTRIC APPARATUS	744	194	84	20	19	8	303	12	19	0	85
FURNITURE, FIXTURES, ETC.	3,038	1,549	440	92	68	39	827	0	6	0	17
GLASS ITEMS, NEC	376	235	0	0	89	0	35	1	15	0	1
HAND TOOLS, NOT POWERED	6,553	4,753	93	72	150	5	1,422	33	10	0	15
HAND TOOLS, POWERED	3,027	925	29	44	893	2	631	179	301	0	23
HEATING EQUIPMENT, NEC	384	78	7	8	22	0	74	169	3	0	23
HOISTING APPARATUS	462	193	38	96	7	1	118	0	1	0	8
LADDERS	926	110	585	22	7	36	163	0	0	0	3
MACHINES	4,993	2,171	134	505	463	17	1,527	56	23	2	95
METAL ITEMS	5,186	2,767	153	207	438	22	1,456	125	10	0	8
MINERAL ITEMS, NONMETALLIC	555	127	22	16	155	17	142	0	71	0	5
UNIDENTIFIED PARTICLES	54	0	0	0	43	0	2	0	9	0	0
PLANTS, TREES, VEGETATION	610	326	41	11	13	7	72	0	138	0	2
VEHICLES	5,082	1,553	685	421	261	43	1,032	37	15	855	180
WOOD ITEMS	2,282	1,042	144	95	151	22	799	1	26	0	2
PERSON	4,023	897	253	25	0	2	2,334	2	2	0	508
WORKING SURFACES	7,934	482	5,531	22	255	1,249	357	18	0	1	19
OTHER AND NONCLASSIFIABLE	14,219	1,308	676	238	1,574	50	6,330	619	1,420	0	2,004

1. Includes fall to same level and fall to lower level.

## APPENDIX A

### TECHNICAL NOTES

Under the Maine Workers' Compensation Act and the Occupational Disease Law, employers must file a First Report of Occupational Injury or Occupational Illness or its equivalent within seven days of notice or knowledge of each incident which resulted in the loss of at least one day's work or which required the services of a physician. Also, a significant number of voluntary reports are filed that do not meet these conditions, but are submitted to protect the rights of both parties in case of later complications. As the reports are received, they are assigned a number which serves as a unique identifier of that particular case. The First Reports are then coded by the staff of the Research and Statistics Division, Bureau of Labor Standards for the data elements shown below:

<u>DATA ELEMENT</u>	<u>SOURCE</u>	<u>DEFINITION</u>
Case Number	Maine Workers' Compensation Commission (WCC)	Unique number assigned sequentially by the W.C.C.
Employer Number	Bureau of Employment Security (BES)	Unemployment Insurance number assigned by B.E.S.
Industry/Ownership	U.S. Office of Management and Budget, Standard Industrial Classification Manual	A four-digit code assigned to each employer to classify the establishment by type of activity in which they are engaged. An ownership code is also assigned to show whether the employer is in private industry, state government, or local government.
County	State Planning Office, Geographic Coding System	A code is assigned based on the county in which the incident occurred.
Insurance Carrier	National Council of Compensation Insurance (NCCI)	The N.C.C.I. number of the employer's insurance carrier is assigned.
Sex	--	From First Report
Age	--	From First Report
Date	--	The date of occurrence is used if applicable. For illnesses, the date of diagnosis is used.
Time of Accident	--	Time listed is converted to the 4-digit, 24 hour system. (Optional)

# APPENDIX A (continued)

DATA ELEMENT	SOURCE	DEFINITION
Length of Service	--	Month coded if less than one year's service; years used otherwise. All fractions rounded downward. (Optional)
Occupation	1980 U.S. Bureau of Census Occupational Classification System	Codes assigned based on occupation listed or determined from the First Report, coded to the 3-digit level.
Nature of Injury or Illness	American National Standards Institute Z16.2 (ANSI)	ANSI Z16.2 as modified is used. All coding is done to the 3-digit level. Identifies the most serious injury or illness in terms of its principal characteristics.
Part of Body Affected	As Above	Coding is done to the 3-digit level. Indicates part of body or the body system associated with the nature of injury or illness.
Source of Injury or Illness	As Above	Coding is done to the 4-digit level. Identifies the object, substance, or motion which directly produced or inflicted the previously identified injury or illness.
Type of Accident or Exposure	As Above	Coding is done to the 3-digit level. Identifies the event which directly led to the injury or illness.
Associated Object or Substance (AOS)	Developed by the Bureau of Labor Statistics, U.S. Dept. of Labor	Using a coding list similar to that for Source, AOS identifies the object, substance, person, or bodily motion with respect to which measures could have been taken to prevent the accident or exposure or mitigate the injury or illness.
Severity	--	Four levels of severity are coded: 1) Fatal 2) Disabling (one or more lost workdays beyond the date of injury). 3) Nondisabling (no lost work time beyond the date of injury). 9) Unknown (not reported)

## **APPENDIX B**

### **DETAIL TABLES**

Data from a series of detail tables produced for the Research and Statistics Division, Bureau of Labor Standards, Department of Labor, by the U.S. Bureau of Labor Statistics is available to the public. A complete list of these tables appears on the following pages. Copies are available upon written request to the Bureau Director, Bureau of Labor Standards, State House Station #45, Augusta, Maine 04333-0045. Please specify table number and title.

### **SPECIAL STUDIES**

The Research and Statistics Division of the Bureau of Labor Standards has the ability to produce special tabulations and studies of the data elements listed in Appendix A. Requests for special studies should be made in writing to the Bureau Director at the above address. The ability to fill such requests is limited, however. There may be charges for reimbursement of costs.

### **WORK INJURY REPORT (WIR) SURVEYS**

The Office of Occupational Safety and Health Statistics of the Bureau of Labor Statistics has conducted several surveys focusing on specific characteristics of accidents. Each survey was conducted in a number of SDS-participating states. The survey respondents were the injured workers who were chosen from First Reports according to survey criteria. No names (firm or injured worker) were disclosed and responses were voluntary.

The responses to these surveys were tabulated and summarized in WIR publications. A list of publications available appears below. Requests for this data may be made in writing to the Bureau Director at the above address. Supplies of these are somewhat limited.

<b><u>TITLE</u></b>	<b><u>PUBLISHED</u></b>
Injuries to Warehouse Workers	April, 1986
Injuries Resulting From Falls on Stairs	August, 1984
Injuries Resulting From Falls From Elevations	June, 1984
Injuries in the Logging Industry	June, 1984
Accidents Involving Foot Injuries	January, 1981
Accidents Involving Head Injuries	July, 1980
Accidents Involving Face Injuries	May, 1980
Accidents Involving Eye Injuries	April, 1980



## APPENDIX B (continued)

### LIST OF DETAIL TABLES

<u>NUMBER</u>	<u>PRIMARY CLASSIFICATION</u>	<u>SECONDARY CLASSIFICATION</u>
101	Nature of Injury or Illness	Sex
102	Part of Body Affected	Sex
103	Source of Injury or Illness	Sex
104	Type of Accident or Exposure	Sex
105	Associated Object or Substance	Sex
201	Industry	Nature
202	Industry	Part
203	Industry	Source
204	Industry	Type
205	Industry	AOS
206	Major Industry	Sex
211	Nature	Industry Division
212	Part	Industry Division
213	Source	Industry Division
214	Type	Industry Division
215	AOS	Industry Division
220	Industry Division	Month of Occurrence
221	Industry Division	Day of Week
222	Industry (Major Group)	Hour of Shift
223	Industry (Major Group)	Length of Service
230	Industry (Major Group)	Occupational Illness
240	Industry (Major Group)	Age
301	Occupation	Nature
302	Occupation	Part
303	Occupation	Source
304	Occupation	Type
305	Occupation	AOS
306	Occupation	Sex
311	Nature	Occupation (Private Sector)
312	Part	Occupation (Private Sector)
313	Source	Occupation (Private Sector)
314	Type	Occupation (Private Sector)
315	AOS	Occupation (Private Sector)
330	Occupation	Occupational Illness
340	Occupation	Age
511	Nature	Part
512	Source	Nature
513	Nature	Type
514	Source	Type
515	AOS	Type
516	Part	Nature
517	Type	Nature
520	Industry (Major Group)	Occupation
521	Industry (Division)	Occupation
530	Occupation	Industry (Division)

## APPENDIX C

### LISTING OF INDIVIDUAL FATALITY REPORTS FOR 1990

The following is a listing of the 61 fatalities received by the Workers' Compensation Commission for the year 1990. They are arranged by industry group and ownership.

<u>INDUSTRY</u>	<u>DATE</u>	<u>OCCUPATION</u>	<u>AGE</u>	<u>SEX</u>	<u>EVENT</u>
<u>AGRICULTURE, FORESTRY, AND FISHING</u>					
	08-13-90	Blueberry Raker	77	M	Heart Attack
	06-29-90	Landscape Laborer	45	M	Heart Attack
	09-08-90	Truck Driver	60	M	Run over by Truck
	10-24-90	Mechanic	54	M	Heart Attack
	11-08-90	Mechanic	31	M	Crushed in Grinder
<u>CONSTRUCTION</u>					
	10-26-90	Drill Bit Sharpener	46	M	Heart Attack
	11-05-90	Sheet Metal Worker	32	M	Fell through Roof
	11-14-90	Equipment Operator	51	M	Run over by Truck
	01-30-90	Electrician	67	M	Asbestosis
<u>MANUFACTURING</u>					
	02-10-90	Yard Laborer	65	M	Cancer
	02-12-90	Presser	45	F	Heart Attack
	02-26-90	Car Liner	59	M	Unknown
	05-03-90	Driver	54	M	Struck by Moose
	05-14-90	Dough Maker	48	M	Heart Attack
	05-30-90	Truck Driver	24	M	Electrocution
	05-31-90	Skidder Operator	43	M	Crushed by Skidder
	06-18-90	Logger	60	M	Unknown
	07-02-90	Logger	54	M	Struck by Tree
	07-09-90	Logger	58	M	Struck by Tree
	07-18-90	Sawmill Laborer	20	M	Suicide by Gunshot
	07-23-90	Crew Chief	53	M	Heart Attack
	07-31-90	Loader Operator	59	M	Struck by Truck
	07-31-90	Machine Repairer	58	M	Heart Attack
	09-26-90	Bulldozer Operator	48	M	Heart Attack
	10-15-90	Logger	48	M	Struck by Tree
	11-30-90	Administrative Spec.	29	F	Unknown
	12-06-90	Pulp Preparer	59	M	Heart Attack
<u>TRANSPORTATION AND PUBLIC UTILITIES</u>					
	05-28-90	Ticket Agent	70	F	Auto Accident
	11-06-90	Truck Driver	40	M	Auto Accident
	12-04-90	Truck Driver	52	M	Heart Attack

## APPENDIX C (continued)

<u>INDUSTRY</u>	<u>DATE</u>	<u>OCCUPATION</u>	<u>AGE</u>	<u>SEX</u>	<u>EVENT</u>
<u>WHOLESALE</u>					
	02-01-90	Office Manager	43	M	Heart Attack
	09-21-90	Truck Driver	49	M	Auto Accident
	12-15-90	Service Technician	35	M	Unknown
<u>RETAIL</u>					
	01-30-90	Produce Clerk	61	M	Heart Attack
	03-23-90	Truck Driver	22	M	Auto Accident
	05-14-90	Grocery Clerk	68	M	Heart Attack
	06-29-90	Manager	49	M	Heart Attack
	08-10-90	Assistant Manager	40	M	Auto Accident
	09-20-90	Cashier	20	F	Stabbed
	12-29-90	Janitor	60	M	Heart Attack
<u>FINANCE, INSURANCE, AND REAL ESTATE</u>					
	05-07-90	Parking Attendant	77	M	Heart Attack
<u>SERVICES</u>					
	05-14-90	Director	48	M	Heart Attack
	05-19-90	Shuttle Driver	20	F	Drowned
	05-24-90	Instructor	30	F	Auto Accident
	05-24-90	Purchasing Agent	42	M	Auto Accident
	05-20-90	Ski-lift Operator	68	M	Fell off Ski-lift
	07-13-90	Camp Counselor	16	M	Suicide by Hanging
	07-23-90	Raft Guide	25	M	Auto Accident
	11-28-90	C.N.A	41	F	Suicide by Hanging
<u>GOVERNMENT</u>					
	01-18-90	Firefighter	63	M	Auto Accident
	01-23-90	Police Lieutenant	43	M	Heart Attack
	06-23-90	Watch Engineer	58	M	Heart Attack
	07-13-90	Veteran's Counselor	56	M	Heart Attack
	07-13-90	Farm Laborer	77	M	Lung Cancer
	07-25-90	Surveyor	47	M	Struck by Car
	08-20-90	Firefighter	36	M	Heart Attack
	09-28-90	Employment Couns.	57	M	Unknown
	10-01-90	Police Officer	29	M	Auto Accident
	10-17-90	Firefighter	58	M	Heart Attack
	12-13-90	Firefighter	46	M	Auto Accident
	12-29-90	Legislator	63	M	Auto Accident

## **APPENDIX D**

### **MAINE'S ON-SITE JOB SAFETY AND HEALTH CONSULTATION PROGRAM**

- ...provides the employer with a cost-free safety and health inspection without penalty provisions and a confidential written report.
- ...provides a pre-construction review of plans or specifications for potential safety and health problems.
- ...provides the employer with equipment and laboratory assistance to measure potential safety and health problems.
- ...provides safety and health alternative correction action to assist in complying with OSHA citations.
- ...provides safety and health inspections of only those areas in establishment specified by the employer.

The Maine job safety and health consultation program began in 1978 to help employers, primarily small employers, maintain a safe workplace by understanding and complying with OSHA regulations. This is a cost-free and penalty-free program conducted under a contract between the Maine Department of Labor and the U.S. Department of Labor.

The consultant will first meet with the employer to explain the procedures and to update them on OSHA activities. Next, the consultant will inspect the workplace and will note any violations of rules and potential hazards. The employer is encouraged, but not required, to have worker representatives participate.

When the inspection is completed, the consultant will review the findings with the employer, including how the standards apply to the workplace, which OSHA rules they may be violating, and the ways to correct the deficiencies. The consultant also can help them interpret the standards and inform them of other available resources, or aid the employer in correcting safety and health problems.

Later, the employer will receive a written technical report covering the information given them during the visit, including the specific rules which apply and ways to correct violations.

If you would like more information on this program or would like to request a consultation, call the Bureau of Labor Standards' Safety Division at 624-6460 or write to them at Station 82, Augusta, Maine 04333-0082.

### **MAINE'S LOW INTEREST LOAN PROGRAM**

The State of Maine has a low interest loan program for Maine employers who wish to purchase equipment which will improve the healthfulness and safety of their workplaces. Loans of up to \$50,000 are provided at three percent interest for a maximum repayment period of ten years. For further information about this program, call the Bureau of Labor Standards at 624-6460 or call the Finance Authority of Maine at 289-FAME.

## APPENDIX E

### COMMENTS FORM

#### **Characteristics of Work-Related Injuries and Illnesses in Maine, 1990**

Your comments about this material will help us to improve our publications. We are interested in any feedback concerning its usefulness, accuracy, organization, and completeness. Requests for additional copies will be filled subject to availability (see Appendix F). Requests for further details on this subject should be sent to the Bureau Director at the address below. These requests may be denied due to confidentiality restrictions.

Please indicate your position or title: \_\_\_\_\_

How suitable is this material for your own requirements?

\_\_\_\_\_ Very Suitable      \_\_\_\_\_ Suitable      \_\_\_\_\_ Not Suitable

What information not presently covered should be included? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What information presently covered should be excluded? \_\_\_\_\_

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Additional comments: \_\_\_\_\_

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\_\_\_\_\_  
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Please return this page to:

Maine Department of Labor  
Bureau of Labor Standards  
Research and Statistics Division  
State House Station #45  
Augusta, ME 04333-0045

If you wish a reply, please include your name and mailing address.

## APPENDIX F

### ORDER FORM

The following items are available without charge from:

Maine Department of Labor  
Bureau of Labor Standards  
Research and Statistics Division  
State House Station #45  
Augusta, ME 04333-0045

#### **PUBLICATIONS** (some years may be out of print)

- \_\_\_ Occupational Injuries and Illnesses in Maine (publication began with the 1975 calendar year)
- \_\_\_ Characteristics of Work-Related Injuries and Illnesses in Maine (beginning 1977)
- \_\_\_ Census of Maine Manufactures (beginning 1945)
- \_\_\_ Directory of Maine Labor Organizations (latest year only is available)
- \_\_\_ Maine Construction Wage Rates (beginning 1983)
- \_\_\_ Labor Relations in Maine (beginning 1983)

#### **OSHA RECORDKEEPING MATERIALS**

- \_\_\_ Supplementary Record of Occupational Injuries and Illnesses, OSHA No. 101
- \_\_\_ Log and Summary of Occupational Injuries and Illnesses, OSHA No. 200
- \_\_\_ Poster: Safety and Health Protection on the Job
- \_\_\_ Recordkeeping Requirements Guidelines
- \_\_\_ A Brief Guide to Recordkeeping Requirements

#### **CONSULTATION PROGRAM**

- \_\_\_ Booklet: Maine's On-Site Safety and Health Consultation program
- \_\_\_ Please contact me concerning an on-site safety and health consultation.  
My phone number is \_\_\_\_\_

#### **MAILING LABEL:**

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