

MAINE STATE LEGISLATURE

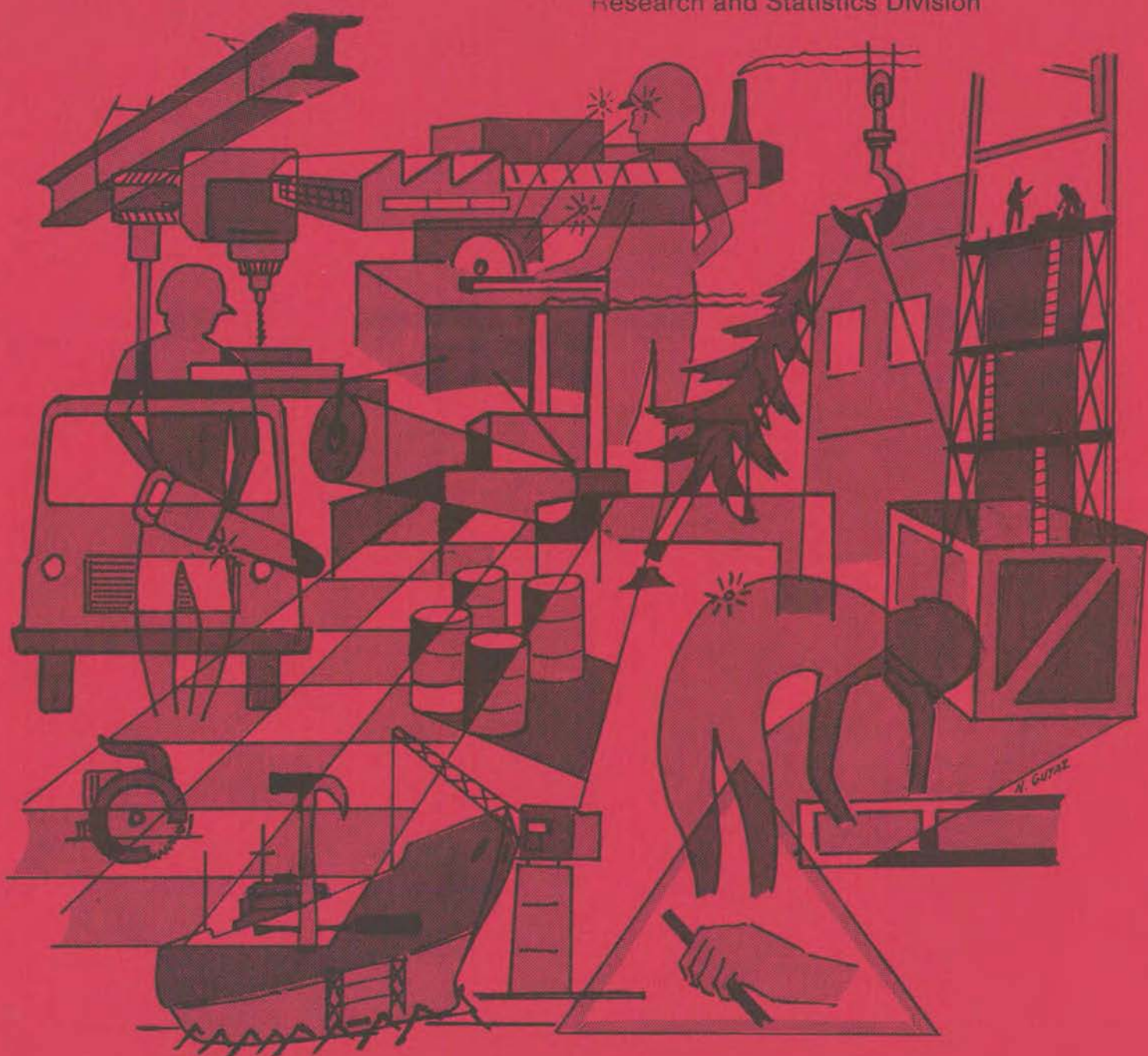
The following document is provided by the
LAW AND LEGISLATIVE DIGITAL LIBRARY
at the Maine State Law and Legislative Reference Library
<http://legislature.maine.gov/lawlib>



Reproduced from electronic originals
(may include minor formatting differences from printed original)

MAINE DEPARTMENT OF
LABOR

BUREAU OF LABOR STANDARDS
Research and Statistics Division



**Characteristics of Work-Related
Injuries and Illnesses in Maine
1989**

BLS 628
JANUARY 1991

**CHARACTERISTICS OF WORK-RELATED
INJURIES AND ILLNESSES IN MAINE
1989**

Prepared By:

Bureau of Labor Standards
Research and Statistics Division

John L. Rioux, Director

Janet A. Callahan, Statistician

Terry M. Hathaway, Secretary

January 1991

In cooperation with the
Maine Workers' Compensation Commission
and the

U. S. Department of Labor

Bureau of Labor Statistics

(Grant Number 40F90012)

Material in this publication is in the public domain and may,
with appropriate credit, be reproduced without permission.

TABLE OF CONTENTS

	Page
Preface.....	iv
1989 Highlights	v
Five-Year Comparison	1

Text:

Part I - Characteristics of the Injured or Ill Workers	2
Part II - Characteristics of the Firms	6
Part III - Characteristics of the Incidents.....	11
Part IV - Characteristics of the Fatalities	24

Tables:

Table 1 - Average Employment and Number of Reports by Sex, Maine 1989	2
Table 2 - Occupational Groups, Number and Percent of Reports, All and Disabling, Maine 1989	3
Table 3 - Labor Force and First Reports, Percent Distribution and Ratio, Maine 1989	4
Table 4 - Average Length of Service, All Cases, Maine 1989	5
Table 5 - Percent Average Employment and Percent Reports by Ownership, Maine 1989	6
Table 6 - Average Employment and Reports, Number and Percent by Major Industrial Divisions, Maine 1989	7
Table 7 - Average Employment and Reports, Number and Percent by Selected Manufacturing Groups, Maine 1989	8
Table 8 - Reports, Number and Percent by Insurance Type, Maine 1989 ..	9
Table 9 - Percent Employment and Reports and Ratios, by County, All and Disabling, Maine 1989.....	10
Table 10 - Number of Illnesses, Number and Percent of All and Disabling Cases, Maine 1989.....	14
Table 11 - Source of Injuries or Illnesses, Number and Percent of All and Disabling Cases, Maine 1989.....	16
Table 12 - Associated Objects or Substances, Number and Percent for All and Disabling Cases, Maine 1989.....	18
Table 13 - Nature of Injury or Illness, by Part of Body Affected, Percent Distribution, Maine 1989	19

TABLE OF CONTENTS

(continued)

	Page
Table 14 - Nature of Injury or Illness by Type of Accident or Exposure, Percent Distribution, Maine 1989	20
Table 15 - Nature of Injury or Illness by Source of Injury or Illness, Percent Distribution, Maine 1989	21
Table 16 - Source of Injury or Illness by Type of Accident or Exposure, Percent Distribution, Maine 1989	22
Table 17 - Associated Object or Substance by Type of Accident or Exposure, Percent Distribution, Maine 1989	23
Table 18 - Selected Characteristics of Fatalities, Maine 1980-1989	24
Table 19 - Number of Fatalities, by Industry, Maine 1980-1989	25
Table 20 - Number and Percent of Injury and Illness Fatalities by Occupation, Maine 1989	26
Table 21 - Fatal Injuries and Illnesses by Age Group, Maine 1980-1989	27
Table 22 - Number of Fatal Injuries and Illnesses, by Length of Service, Maine 1980-1989	28
Table 23 -- Nature of Injury or Illness, Number and Percent Distribution of Cases, By Severity, All Workers, State of Maine, 1989	29
Table 24 -- Part of Body Affected, Number and Percent Distribution of Cases, By Severity, All Workers, State of Maine, 1989	30
Table 25 -- Source of Injury or Illness, Number and Percent Distribution of Cases, By Severity, All Workers, State of Maine, 1989	32
Table 26 -- Type of Accident or Exposure, Number and Percent Distribution of Cases, By Severity, All Workers, State of Maine, 1989	35
Table 27 -- Associated Object or Substance, Number and Percent Distribution of Cases, By Severity, All Workers, State of Maine, 1989	37
Table 28 -- Number of Occupational Injuries and Illnesses, Industry by Sex, State of Maine, 1989	38
Table 29 -- Occupation of Injured or Ill Workers, Number of Cases, By Age, State of Maine, 1989	45
Table 30 -- Occupation of Injured or Ill Workers, Number of Cases, By Industry Division, State of Maine, 1989	47

TABLE OF CONTENTS

(continued)

	Page
Table 31 -- Occupation of Injured or Ill Workers, Number of Cases, By Selected Manufacturing Industries, State of Maine, 1989	51
Table 32 -- Duration of Employment of Injured or Ill Workers, Number and Cumulative Percent, All, Disabling and Fatal Reports, State of Maine, 1989	53
Table 33 -- Occupational Illness: Industry By Nature of Illness, State of Maine, 1989	54
Table 34 -- Nature of Injury or Illness By Part of Body Affected, All Workers, State of Maine, 1989	55
Table 35 -- Nature of Injury or Illness By Type of Accident or Exposure, All Workers, State of Maine, 1989	56
Table 36 -- Source of Injury or Illness By Nature of Injury or Illness, All Workers, State of Maine, 1989	57
Table 37 -- Source of Injury or Illness By Type of Accident or Exposure, All Workers, State of Maine, 1989	58
Table 38 -- Associated Object or Substance, By Type of Accident or Exposure, All Workers, State of Maine, 1989	59

Appendices:

Appendix A -- Technical Notes	60
Appendix B -- Additional Information Available from the Supplementary Data System	62
Appendix C -- Listing of Industry Fatality Reports for 1989	64
Appendix D -- Maine's On-Site Job Safety and Health Consultation Program	66
Appendix E -- Comments Form	67
Appendix F -- Order Form	68

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 1989 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 July 11, 1990, for incidents which occurred during calendar year 1989.

For the seventh straight year there was an increase in the number of First Reports of Occupational Injury or Illness filed with the Workers' Compensation Commission. In 1989 there were 80,349 reports received through July 11, 1990. There was an increase of 1.8 percent over 1988 with 78,958 reports received through July 12, 1989. A total of 26,006 cases involved a loss of one or more workdays beyond the day of injury or onset of illness. This is a decline of 1.3 percent from the number of cases reported in 1988. Since 1982, there has been a 70.3 percent increase in reports filed. The number of fatalities in 1989 was 53, which is a decrease of one fatality over 1988.

1989 HIGHLIGHTS

- * There were 80,349 First Reports of Injury or Illness filed with the Workers' Compensation Commission through July 11, 1990.
- * A total of 26,006 cases involved a loss of one or more workdays beyond the day of injury or onset of illness.
- * There were 53 reported fatalities.
- * Sprains and Strains accounted for 32.8 percent of all cases filed.
- * Injuries to the Upper Extremities, including hands, wrists, and arms accounted for 32.9 percent of all claims.
- * The leading Source of Injury was Working Surfaces.
- * The leading Type of Injury was Overexertion.
- * Men accounted for 70.3 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 24.0 percent of all injuries or illnesses in 1989.
- * Manufacturing was the industry division with the largest number of reports filed in 1989.
- * Over 44 percent of all reports were for workers with less than two years of employment with their current employer.
- * June, July, August, and October were the months with the highest incidence of injury or illness.
- * More injuries and illnesses occurred on Monday than on any other day of the week.

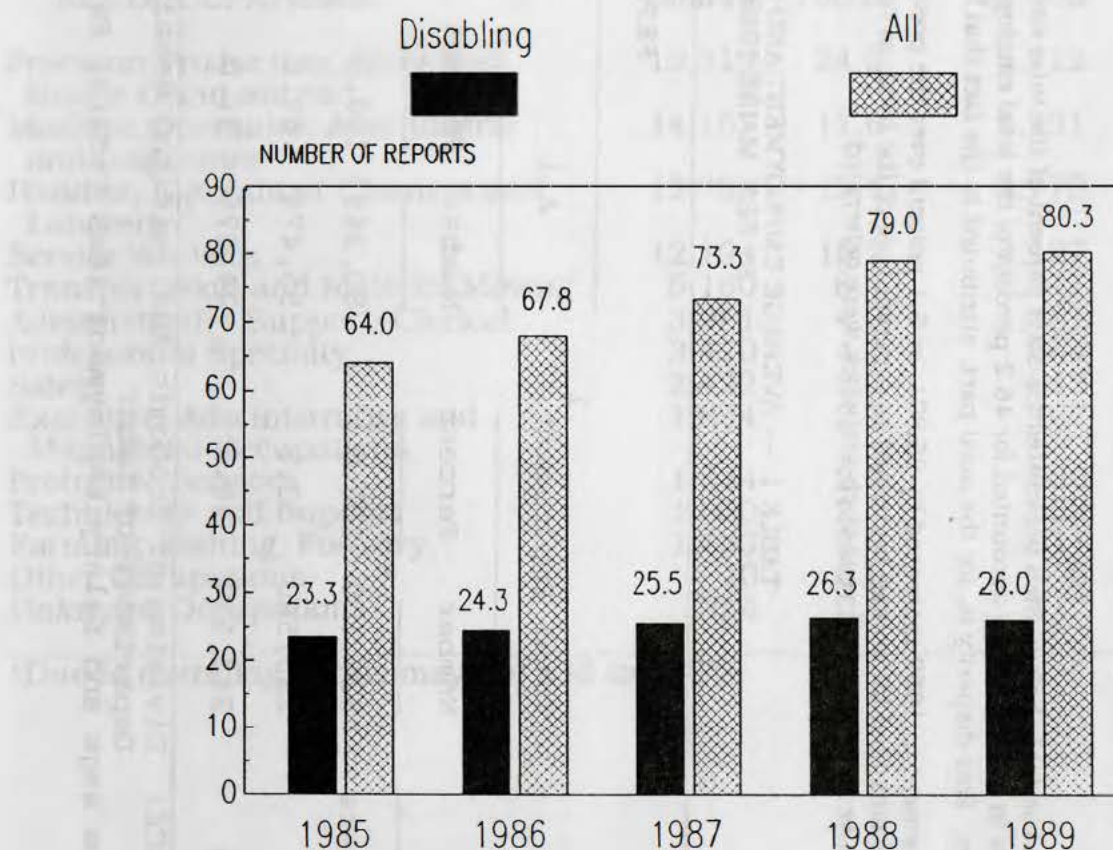
Five-Year Comparison

The bar graph below illustrates the steady increase in First Reports received by the Workers' Compensation Commission since 1985. Receipts for 1989 were 1.8 percent higher than for 1988. In 1989, 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.

For the sixth straight year the percentage of disabling reports to total reports declined. The percentage of disabling cases to total cases in 1989 was 32.4 percent; in 1988 it was 33.3 percent.

FIGURE 1 -- NUMBER OF FIRST REPORTS,
MAINE 1985-1989

(All Numbers in Thousands)



PART I

CHARACTERISTICS OF INJURED OR ILL WORKERS

SEX

As shown in the table below, men accounted for 53.8 percent of the total employment and 69.0 percent of the work-related injuries and illnesses in 1989. Women accounted for 46.2 percent of the total employment but only 31.0 percent of the work-related injuries and illnesses. This disparity is, for the most part, attributed to the fact that men usually occupy higher risk occupations.

While employment in 1989 increased by 25,801, or 5.1 percent over the previous year, female employment rose by 5.5 percent. The number of claims filed by women increased as a percentage of the total: in fact, the number of reports filed by women has increased each year since 1977, the first year such statistics were generated.

TABLE 1. -- AVERAGE EMPLOYMENT AND NUMBER OF REPORTS
BY SEX, MAINE 1989

Sex	REPORTS OF INJURY OR ILLNESS					
	Total Employment ¹		All		Disabling	
	Number	Percent	Number	Percent	Number	Percent
All Workers	527,100	100.0	80,349	100.0	26,006	100.0
Male	283,580	53.8	55,474	69.0	18,240	70.1
Female	243,520	46.2	24,875	31.0	7,766	29.9
					53	100.0
					50	94.3
					3	5.7

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

*Non-farm Wage and Salary Employment less Federal Employees

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) Handlers, Equipment Cleaners, and Laborers (including all trades helpers, machine feeders and offbearers, stock clerks, and packers); and (4) Service occupations.

TABLE 2. -- OCCUPATIONAL GROUPS, NUMBER AND PERCENT OF REPORTS, ALL AND DISABLING, MAINE 1989

OCCUPATIONAL GROUP	REPORTS OF INJURY AND ILLNESSES			
	All		Disabling	
	Number	Percent*	Number	Percent*
ALL OCCUPATIONS	80,349	100.0	26,006	100.0
Precision Production, Craft and Repair Occupations	19,319	24.0	5,712	22.0
Machine Operators, Assemblers, and Inspectors	14,157	17.6	4,231	16.3
Handler, Equipment Cleaners and Laborers	12,334	15.4	4,779	18.4
Service Workers	12,191	15.2	4,127	15.9
Transportation and Material Moving	5,160	6.4	2,217	8.5
Administrative Support-Clerical	3,961	4.9	1,161	4.5
Professional Specialty	3,470	4.3	684	2.6
Sales	2,422	3.0	813	3.1
Executive, Administrative and Managerial Occupations	1,854	2.3	467	1.8
Protective Services	1,834	2.3	530	2.0
Technicians and Support	1,650	2.1	352	1.4
Farming, Fishing, Forestry	1,633	2.0	811	3.1
Other Occupations	10	0.0	5	0.0
Unknown Occupations	354	0.4	117	0.4

*Due to rounding, totals may not add to 100%.

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 filed within age groups by sex by the percentage of the labor force within age groups by sex. 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-old workers in both sexes was very high as was the ratio for men between the ages of 16 through 19 and 25 through 34.

TABLE 3. -- LABOR FORCE AND FIRST REPORTS,
PERCENT DISTRIBUTION AND RATIO,
MAINE 1989

AGE	MEN			WOMEN		
	1					
	% Labor Force	% Reports	Ratio	% Labor Force	% Reports	Ratio
15 and Under	-	0.3	-	0.0	0	-
16-19	5.6	7.2	1.29	5.9	7	1.23
20-24	11.2	18.1	1.62	11.7	15	1.30
25-34	26.2	36.3	1.38	27.5	30	1.11
35-44	28.3	20.8	0.74	26.4	24	0.93
45-54	15.1	10.9	0.73	15.0	14	0.95
55-65	10.5	5.7	0.55	10.3	7	0.72
65+	3.2	0.7	0.20	3.3	1	0.24

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

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, ALL CASES, MAINE 1989

<u>OCCUPATIONAL CATEGORY</u>	<u>Average Length of Service (Years/Months)</u>
Executive, Administrative, and Managerial	6/7
Protective Service Occupations	6/5
Professional Specialty Occupations	5/5
Precision Production Craft and Repair Occupations	5/4
Technicians and Support Occupations	4/11
Machine Operators, Assemblers, and Inspectors	4/10
Administrative Support Occupations	4/10
Transportation and Material Moving Occupations	4/4
ALL OCCUPATIONS	4/4
Sales Occupations	3/9
Farming, Forestry, and Fishing Occupations	3/2
Service Occupations	3/0
Handlers, Cleaners, and Helpers	2/7

PART II

CHARACTERISTICS OF FIRMS

OWNERSHIP

In 1989 private employers filed 90.5 percent of all First Reports. The remainder were filed by local government (6.7 percent) and the State (2.8 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.

All employers experienced an increase in both the total and disabling number of reports filed in 1989.

TABLE 5. -- PERCENT AVERAGE EMPLOYMENT AND PERCENT REPORTS
BY OWNERSHIP, MAINE 1989

	1		REPORTS OF INJURIES AND ILLNESSES			
	AVERAGE EMPLOYMENT		All		Disabling	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL EMPLOYERS	515,263	100.0	80,349	100.0	26,006	100.0
PRIVATE EMPLOYERS	443,529	86.1	72,713	90.5	23,489	90.3
PUBLIC EMPLOYERS	71,734	13.9	7,636	9.5	2,517	9.7
LOCAL GOVERNMENT	48,589	9.4	5,410	6.7	1,616	6.2
STATE GOVERNMENT	23,145	4.5	2,226	2.8	901	3.5

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 AND PERCENT
BY MAJOR INDUSTRIAL DIVISIONS, MAINE 1989

INDUSTRY DIVISION	¹ AVERAGE EMPLOYMENT		REPORTS OF INJURIES AND ILLNESSES					
	NUMBER	PERCENT	ALL			DISABLING		
			NUMBER	PERCENT	² RATIO	NUMBER	PERCENT	³ RATIO
ALL DIVISIONS	515,263	100.0	80,349	100.0	1.00	26,006	100.0	1.00
Manufacturing	105,470	20.5	28,622	35.6	1.74	8,290	31.9	1.56
Retail	111,584	21.7	11,932	14.9	0.69	4,106	15.8	0.73
Construction	32,751	6.4	9,478	11.8	1.86	3,485	13.4	2.11
Services	115,672	22.4	13,033	16.2	0.72	3,727	14.3	0.64
Wholesale	26,030	5.1	3,974	4.9	0.98	1,592	6.1	1.21
Trans. and Public Utilities	21,120	4.1	2,892	3.6	0.88	1,153	4.4	1.08
Agric., Fish., and Forestry	5,450	1.1	889	1.1	1.05	402	1.5	1.46
Fin., Ins., and Real Estate	25,311	4.9	1,160	1.4	0.29	398	1.5	0.31
Other, Private Sector	141	0.0	733	0.9	NA	336	1.3	NA
State and Local Government	71,734	13.9	7,636	9.5	0.68	2,517	9.7	0.70

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, Food Products and Lumber and Wood 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 AND PERCENT
BY SELECTED MANUFACTURING GROUPS, MAINE 1989

MANUFACTURER	REPORTS OF INJURIES AND ILLNESSES							
	¹ AVERAGE EMPLOYMENT		All			Disabling		
	Number	Percent	Number	Percent	²	Number	Percent	³
					Ratio			Ratio
ALL MANUFACTURING	105,470	100.0	28,622	100.0	1.00	8,290	100.0	1.00
Paper	17,612	16.7	4,877	17.0	1.02	984	11.9	0.71
Transportation Eqpt.	14,911	14.1	7,115	24.9	1.76	1,711	20.6	1.46
Lumber and Wood	12,186	11.6	3,617	12.6	1.09	1,440	17.4	1.50
Leather	11,473	10.9	2,949	10.3	0.95	916	11.0	1.02
Food	6,901	6.5	2,120	7.4	1.13	775	9.3	1.43
Textiles	5,945	5.6	1,430	5.0	0.89	397	4.8	0.85
Elec. and Elect. Eqpt.	8,842	8.4	1,001	3.5	0.42	300	3.6	0.43
Rubber and Plastics	3,897	3.7	1,058	3.7	1.00	334	4.0	1.09
Fabricated Metals	3,005	2.8	993	3.5	1.22	342	4.1	1.45
Machinery	5,127	4.9	925	3.2	0.66	292	3.5	0.72
Printing	5,827	5.5	696	2.4	0.44	254	3.1	0.55
Apparel	3,020	2.9	388	1.4	0.47	118	1.4	0.50
ALL OTHER MANUFACTURING	6,724	6.4	1,453	5.1	0.80	427	5.2	0.81

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

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 (67.8 percent) were covered by private Workers' Compensation insurance in 1989. The self-insured workers account for 27.9 percent of all First Reports, while 4.3 percent of the employees had no Workers' Compensation insurance.

TABLE 8. -- REPORTS, NUMBER AND PERCENT
BY INSURANCE TYPE, MAINE 1989

<u>Insurance Method</u>	<u>All Reports</u>		<u>Disabling Reports</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
ALL	80,349	100.0	26,006	100.0
Private	54,426	67.8	18,566	71.4
Self-Insured	22,457	27.9	6,181	23.8
Not Insured	3,466	4.3	1,259	4.8

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. -- PERCENT EMPLOYMENT AND REPORTS AND RATIOS, BY COUNTY, ALL AND DISABLING, MAINE 1989

COUNTY	1 AVERAGE EMPLOYMENT (Percent)	REPORTS OF INJURY AND ILLNESSES			
		All		DISABLING	
		Percent	Ratio ²	Percent	Ratio ³
ALL COUNTIES	100.0	100.0	1.00	100.0	1.00
Androscoggin	8.2	8.3	1.00	8.1	0.98
Aroostook	5.5	5.2	0.94	5.7	1.02
Cumberland	27.1	23.7	0.87	24.5	0.90
Franklin	2.3	2.5	1.10	2.0	0.88
Hancock	3.5	3.6	1.03	3.7	1.08
Kennebec	10.9	8.5	0.78	9.3	0.86
Knox	2.7	2.4	0.87	2.2	0.80
Lincoln	1.7	1.3	0.77	1.4	0.83
Oxford	3.3	4.0	1.22	4.1	1.27
Penobscot	12.2	11.8	0.97	11.5	0.94
Piscataquis	1.2	1.2	1.01	1.4	1.23
Sagadahoc	3.5	7.6	2.17	5.8	1.63
Somerset	3.1	4.1	1.31	4.0	1.30
Waldo	1.3	1.2	0.92	1.2	0.93
Washington	2.1	2.4	1.14	2.1	1.00
York	10.1	9.3	0.93	9.0	0.90
Interstate	1.4	-	-	-	-
Other States		1.0	-	1.3	-
Out of Countr		0.0	-	0.1	-
Unknown		2.0	-	2.5	-

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

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

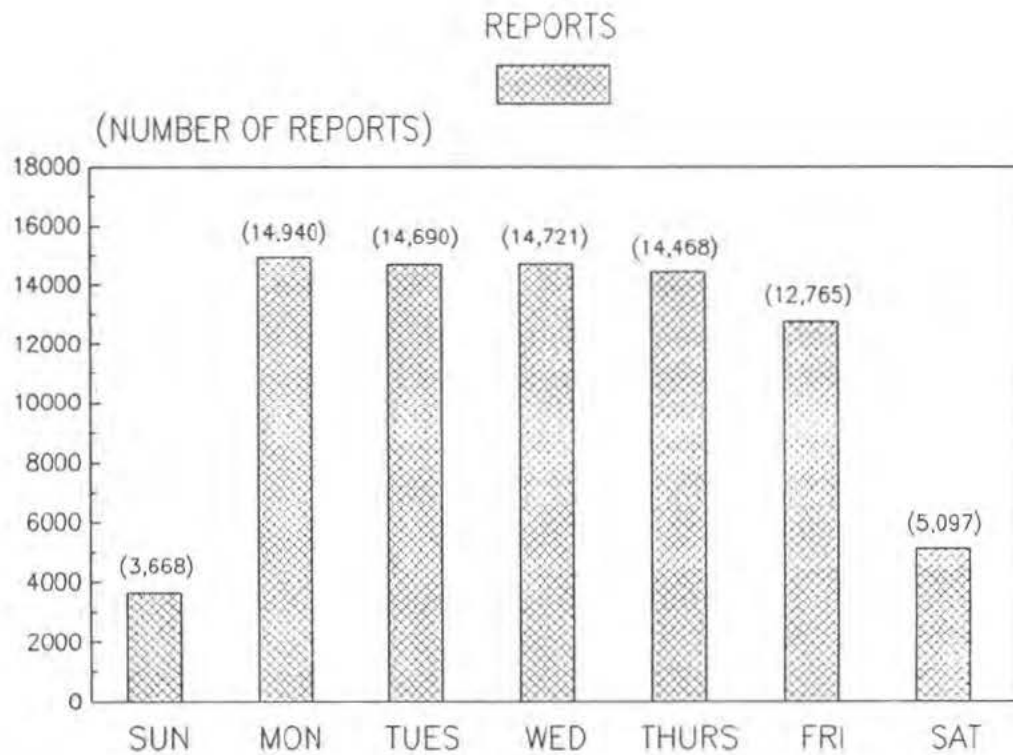
3. Percent of Disabling Cases divided by the percent of average

PART III
CHARACTERISTICS OF INCIDENTS

DAY OF THE WEEK

As expected, 89.1 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 1989

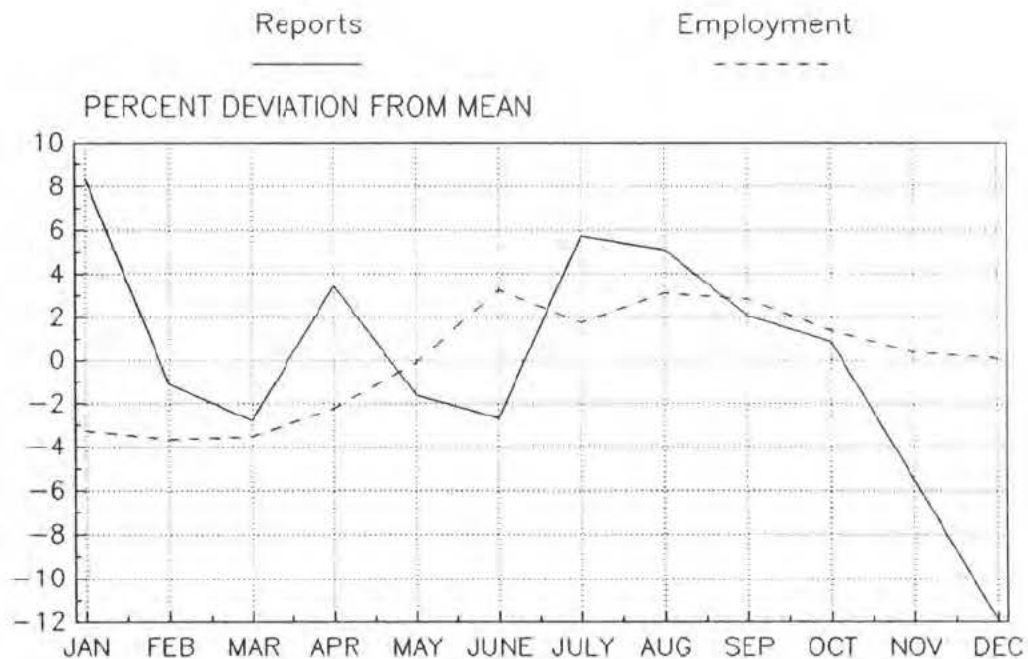


MONTH

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, September, and October, 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 1989



NATURE OF INJURY OR ILLNESS

The Nature of Injury or Illness classification identifies the principal 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 1989

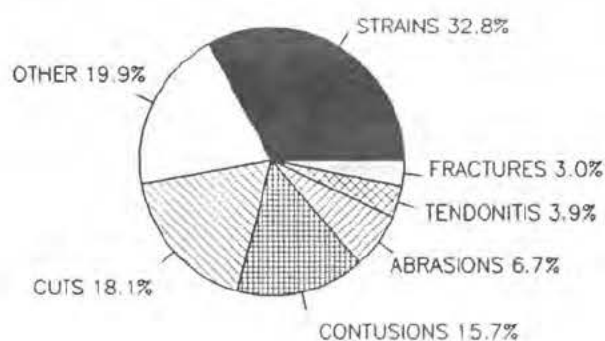
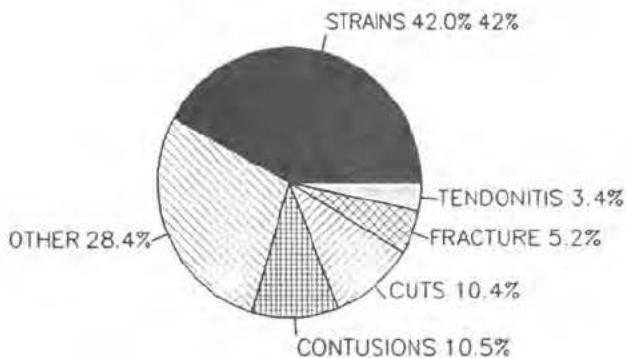


FIGURE 4B -- NATURE OF INJURY OR ILLNESS
DISABLING CASES, MAINE 1989



NATURE OF ILLNESS

Occupational illnesses made up only 11.1 percent of the total cases received in 1989. Inflammation of the joints and tendons, including tendonitis and bursitis, represented the majority of all illness cases reported. 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. Nervous conditions, including stress related symptoms account for the next largest portion of occupational illnesses.

TABLE 10. -- NUMBER OF ILLNESSES, NUMBER AND PERCENT OF ALL AND DISABLING CASES, MAINE 1989

ALL			DISABLING		
ILLNESS	Number	Percent	ILLNESS	Number	Percent
TOTAL	8,933	100.0	TOTAL	2,970	100.0
Inflammation of Joints, Tendons, etc.	2,905	32.5	Inflammation of Joints, Tendons, etc.	896	30.2
Dermatitis	1,090	12.2	Mental Disorders	222	7.5
Nervous Conditions	542	6.1	Nervous Conditions	25	7.2
Systemic Effects of Toxics	502	5.6	Dermatitis	17	6.3
Radiation Effects	401	4.5	Systemic Effects of Toxics	142	4.8
Mental Disorders	371	4.2	Radiation Effects	131	4.4
Infective and Parasitic Diseases	172	1.9	Heart Conditions	84	2.8
Heart Conditions	108	1.2	Infective and Parasitic Diseases	50	1.7
Other Illnesses	2,842	31.8	Other Illnesses	1,043	35.1

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 1989

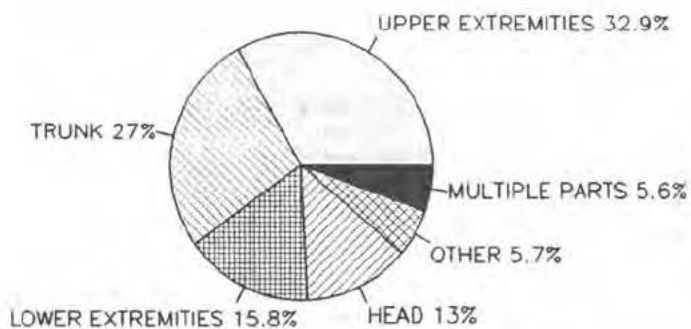
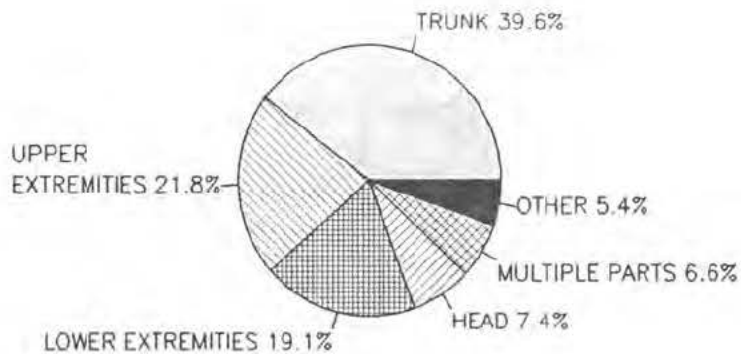


FIGURE 5B -- PART OF BODY AFFECTED
DISABLING CASES, MAINE 1989



SOURCE OF INJURY OR ILLNESS

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 OR ILLNESSES, NUMBER AND PERCENT
OF ALL AND DISABLING CASES, MAINE 1989

ALL			DISABLING		
<u>SOURCE</u>	<u>Number</u>	<u>Percent</u>	<u>SOURCE</u>	<u>Number</u>	<u>Percent</u>
TOTAL	80,349	100.0	TOTAL	26,006	100.0
Working Surfaces	9,281	11.6	Working Surfaces	3,723	14.4
Metal Items	8,750	10.9	Containers	3,047	11.7
Containers	7,684	9.6	Metal Items	2,165	8.3
Hand Tools, Unpowered	6,573	8.2	Vehicles	1,870	7.2
Machines	4,684	5.8	Machines	1,463	5.6
Vehicles	4,679	5.8	Bodily Motion	1,458	5.6
Person	3,437	4.3	Hand Tools, Unpowered	1,283	4.9
Bodily Motion	3,329	4.1	Person	1,200	4.6
Wood Items	3,288	4.1	Wood Items	1,089	4.2
Furniture and Fixtures	2,818	3.5	Furniture and Fixtures	838	3.2
Buildings and Structures	2,580	3.2	Buildings and Structures	713	2.7
Chemicals	2,095	2.6	Hand Tools, Powered	515	2.0
Hand Tools, Powered	1,521	1.9	Chemicals	423	1.6
Particles, Unspecified	1,332	1.7	Plants, Trees, Etc.	339	1.3
Mineral Items, Nonmetallic	987	1.2	Mineral Items, Nonmetallic	279	1.1
Plants, Trees, Etc.	712	0.9	Particles, Unspecified	157	0.6
All Other	16,599	20.6	All Other	5,444	21.0

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 1989

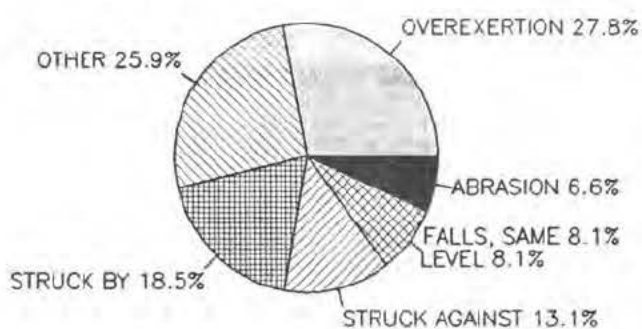
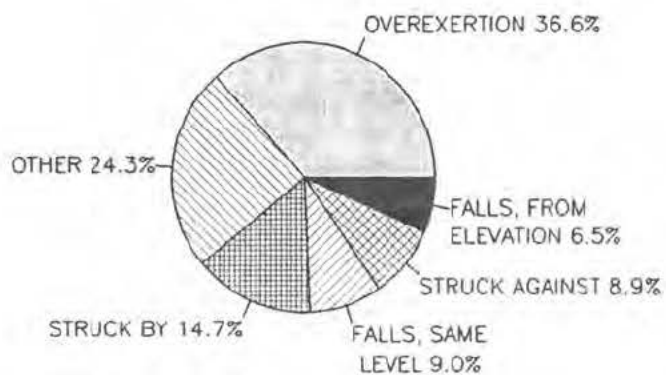


FIGURE 6B -- TYPE OF ACCIDENT OR EXPOSURE
DISABLING CASES, MAINE 1989



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 injurious event. 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 Working Surfaces, Containers, and Vehicles were most frequently cited for Disabling cases.

TABLE 12. -- ASSOCIATED OBJECTS OR SUBSTANCES, NUMBER AND PERCENT FOR ALL AND DISABLING CASES, MAINE 1989

ALL			DISABLING		
AOS	Number	Percent	AOS	Number	Percent
TOTAL	80,349	100.0	TOTAL	26,006	100.0
Working Surfaces	8,511	10.6	Working Surfaces	3,291	12.7
Containers	7,864	9.8	Containers	3,058	11.8
Hand Tools, Unpwd.	7,263	9.0	Vehicles	2,230	8.6
Metal Items	5,679	7.1	Person	1,745	6.7
Vehicles	5,619	7.0	Machines	1,652	6.4
Machines	5,503	6.8	Metal Items	1,563	6.0
Person	4,636	5.8	Hand Tools, Unpwd.	1,397	5.4
Hand Tools, Powered	3,585	4.5	Bodily Motion	989	3.8
Furniture and Fixtures	3,312	4.1	Wood Items	981	3.8
Wood Items	2,799	3.5	Furniture and Fixtures	976	3.8
Bldgs. and Structures	2,608	3.2	Hand Tools, Powered	921	3.5
Bodily Motion	2,258	2.8	Bldgs. and Structures	734	2.8
All Other	20,712	25.8	All Other	6,469	24.9

NATURE by PART COMBINATIONS

Figures found in Table 13 show which nature/part combinations for injuries in the workplace were the most prevalent in 1989. Strains to the back and cuts to the fingers greatly exceeded any other combinations of injuries occurring that year.

TABLE 13. -- NATURE OF INJURY OR ILLNESS, BY PART OF BODY AFFECTED, PERCENT DISTRIBUTION, MAINE 1989

NATURE	PART							
	Total	Upper Extremities ¹	Fingers	Back	Lower Extremities	Trunk ²	Eyes	Other
Total	100.0	17.7	15.2	16.6	15.8	10.5	8.3	15.9
Strains, Sprains	32.9	4.0	1.0	13.5(1)	5.8(3)	5.5(5)	-	3.1
Cuts, Lacerations	18.1	3.8	9.8(2)	-	1.9	0.1	0.7	1.8
Contusions, Bruises	15.7	3.2	2.3	0.9	4.6	2.1	0.1	2.5
Scratches, Abrasions	6.7	0.4	0.1	-	0.3	0.1	5.5(5)	0.3
Other	26.6	6.3	2.0	2.2	3.2	2.7	2.0	8.2

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 INJURY OR ILLNESS BY TYPE OF ACCIDENT OR EXPOSURE, PERCENT DISTRIBUTION, MAINE 1989

<u>NATURE</u>	<u>TYPE</u>						
	<u>Total</u>	<u>Struck By or Against</u>	<u>Over- exertion</u>	<u>Fall</u>	<u>Rubbed or Abraded</u>	<u>Caught In, Under or Between</u>	<u>Other</u>
Total	100.0	31.6	27.8	12.8	6.6	3.1	18.1
Strains, Sprains	32.9	2.4	21.4(1)	3.9	0.2	0.3	4.7
Cuts, Lacerations	18.1	15.5(2)	-	0.7	0.6	0.7	0.6
Contusions, Bruises	15.7	8.8(3)	0.1	4.8(5)	0.1	1.4	0.5
Scratches, Abrasions	6.7	0.9	-	0.2	5.3(4)	-	0.3
Other	26.6	4.0	6.3	3.2	0.4	0.7	12.0

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 INJURY OR ILLNESS BY SOURCE OF INJURY OR ILLNESS
PERCENT DISTRIBUTION, MAINE 1989

<u>NATURE</u>	<u>SOURCE</u>							
	<u>Total</u>	<u>Working Surfaces</u>	<u>Metal Items</u>	<u>Boxes, Containers</u>	<u>Hand Tools (Not Pwd.)</u>	<u>Machines</u>	<u>Vehicles</u>	<u>Other</u>
TOTAL	100.0	11.6	10.9	9.6	8.2	5.8	5.8	48.1
Strains, Sprains	32.9	4.0(3)	2.0	6.1(1)	1.4	1.0	2.1	16.3
Cuts, Lacerations	18.1	0.3	3.9(5)	0.9	5.1(2)	2.2	0.6	5.1
Contusions, Bruises	15.7	4.0(4)	1.5	1.1	0.7	1.1	1.7	5.6
Scratches, Abrasions	6.7	0.2	2.0	0.1	0.1	0.1	0.1	4.1
Other	26.6	3.1	1.5	1.4	0.9	1.4	1.3	17.0

NOTE: Rankings of the five most frequent Nature-Source combinations are shown in parentheses.

SOURCE by TYPE COMBINATIONS

Falls to the working surface was the number one combination of Source/Type, occurring in 10.5 percent of All Cases. The second most frequent combination was overexerting while handling containers. Many claims were also filed as a result of being struck by or against nonpowered hand tools.

TABLE 16. -- SOURCE OF INJURY OR ILLNESS BY TYPE OF ACCIDENT OR EXPOSURE
PERCENT DISTRIBUTION, MAINE 1989

<u>SOURCE</u>	<u>TYPE OF ACCIDENT OR EXPOSURE</u>						
	<u>Total</u>	<u>Struck By, Against</u>	<u>Over- exertion</u>	<u>Fall</u>	<u>Rubbed or Abraded</u>	<u>Caught In, Under, Between</u>	<u>Other</u>
TOTAL	100.0	31.6	27.8	12.8	6.6	3.1	18.1
Working Surfaces	11.6	0.5	0.1	10.5(1)	0.4	0.1	-
Metal Items	10.9	5.8(4)	1.9	0.3	2.1	0.3	0.5
Containers	9.6	2.3	6.6(2)	0.2	0.1	0.2	0.2
Hand Tools (Not Pwd.)	8.2	6.0(3)	1.9	-	-	0.1	0.2
Machines	5.8	3.1(5)	1.6	0.2	-	0.7	0.2
Vehicles	5.8	2.2	1.4	0.4	0.1	0.5	1.2
Person	4.3	1.0	2.7	-	-	-	0.6
Wood Items	4.1	1.9	1.2	0.1	0.6	0.2	0.1
Other	39.7	8.8	10.4	1.1	3.3	1.0	15.1

NOTE: Rankings of the five most frequent Type-Source 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. Use of unpowered hand tools also resulted in many injuries, as did the handling of containers. Table 17 illustrates that working surfaces, in some instances wet or slippery, resulted in many accidents as well. Further, the use of machines, or in some instances items propelled from machines, was another notable AOS.

TABLE 17. -- ASSOCIATED OBJECT OR SUBSTANCE BY TYPE OF ACCIDENT OR EXPOSURE
PERCENT DISTRIBUTION, MAINE 1989

AOS	Total	TYPE OF ACCIDENT OR EXPOSURE					
		Struck By, Against	Over- exertion	Fall	Rubbed or Abraded	Caught In, Under, Between	Other
TOTAL	100.0	31.6	27.8	12.8	6.6	3.1	18.1
Working Surfaces	10.6	0.8	0.6	7.2(1)	0.4	0.1	1.5
Containers	9.8	2.3	6.5(3)	0.4	0.1	0.2	0.3
Hand Tools (Not Pwd.)	9.0	6.5(2)	1.9	0.1	0.3	0.1	0.1
Metal Items	7.1	3.9(4)	1.9	0.2	0.5	0.3	0.3
Vehicles	7.0	2.4	1.3	0.9	0.4	0.5	1.5
Machines	6.8	3.5(5)	1.6	0.2	0.5	0.7	0.3
Person	4.7	1.1	2.7	0.3	-	-	0.6
Hand Tools (Pwd.)	4.5	1.5	0.8	-	1.3	-	0.9
Other	40.5	9.61	10.5	3.5	3.1	1.2	12.6

NOTE: Rankings of the five most frequent AOS by Type 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. Thirty-nine 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 1989 there were 53 reported fatalities. Twenty-seven percent of these deaths were attributed to heart attacks. Thirty-three people died as a result of injuries received during work hours; five of these individuals were involved in automobile accidents.

Over the past ten years, an average of 81 percent of fatalities involved workers in the private sector. Over 29 percent of all fatalities were to workers in Manufacturing industries.

TABLE 18. -- SELECTED CHARACTERISTICS OF FATALITIES
MAINE 1980-1989

DESCRIPTION	YEAR									
	1980	1981	1982	1983	1984 ¹	1985 ²	1986	1987	1988	1989
TOTAL FATALITIES	54	50	53	36	27	45	45	50	54	53
Fatalities Due to Injuries	36	26	23	21	13	22	25	22	33	27
Fatalities Due to Heart Attacks	13	22	28	12	10	21	15	23	18	22
Fatalities Due to Illnesses (except Heart Attack)	5	2	2	3	4	0	5	5	3	4
Occurring to Females	0	0	5	2	3	1	6	6	1	2
Multiple Death Incidents (Number of Fatalities)	0	3(6)	1(2)	1(2)	0	2(5)	0	1(2)	1(2)	1(2)
Auto Occupant	11	8	13	7	6	4	9	2	8	5
Trees Falling	3	0	0	1	1	2	0	2	3	4

1. Fatality figures for 1984 are incomplete.

2. In 1985, there were 2 fatalities of unknown cause.

TABLE 19. -- NUMBER OF FATALITIES, BY INDUSTRY
MAINE, 1980-1989

INDUSTRY	Ten-Year Total	YEAR									
		1980	1981	1982	1983	1984 ¹	1985	1986	1987	1988	1989
ALL INDUSTRIES	472	54	55	53	36	27	45	45	50	54	53
Private Sector	382	44	39	42	31	22	38	35	43	45	43
Agriculture, Forestry, and Fishing (01-09)	8	1	0	1	0	2	0	2	0	1	1
Mining (10-14)	1	0	1	0	0	0	0	0	0	0	0
Construction (15-17)	61	3	7	8	4	2	8	7	6	6	10
General Building (15)	25	0	2	5	1	1	6	2	3	2	3
Non Building (16)	14	0	0	3	2	0	0	3	1	0	5
Special Trade (17)	24	3	7	0	1	1	2	2	2	4	2
Manufacturing (20-39)	140	20	9	19	12	10	12	7	15	16	20
Food (20)	6	0	0	0	1	0	2	0	0	2	1
Textiles (22)	6	2	1	2	0	0	0	0	1	0	0
Lumber and Wood (24)	48	10	2	6	2	3	2	3	9	5	6
Paper (26)	29	2	2	3	2	2	4	0	4	7	4
Transportation Equipment (37)	16	1	0	0	4	3	0	2	1	0	5
Transportation and Utilities (40-49)	56	8	5	5	3	2	8	8	3	11	3
Trucking and Warehousing (42)	34	5	2	3	1	2	4	7	1	7	2
Air Transport (45)	2	0	0	0	0	0	2	0	0	0	0
Utilities and Sanitary Services (49)	9	1	1	1	2	0	0	1	2	1	0
Wholesale Trade (50-51)	19	1	3	3	2	1	1	2	2	2	2
Retail Trade (52-59)	39	6	6	3	1	4	1	1	8	7	2
Automotive Dealers and Gas Svc. Stations (55)	11	3	3	1	0	2	0	0	0	1	1
Eating and Drinking Places (58)	6	0	3	0	0	2	0	0	0	1	0
Finance, Insurance, and Real Estate (60-64)	11	1	2	0	0	1	2	2	1	0	2
Services (70-89)	47	4	6	3	9	0	6	6	8	2	3
Public Sector	90	10	16	11	5	5	7	10	7	9	10
State	33	3	6	4	3	1	4	7	0	3	2
Highways (16)	6	1	2	0	0	0	3	0	0	0	0
Social Services (83)	4	0	2	0	2	0	0	0	0	0	0
Public Safety (92)	7	1	1	2	0	0	0	1	0	1	1
Administration (91, 93-98)	16	1	1	2	1	1	1	6	0	2	1
Local	57	7	10	7	2	4	3	3	7	6	8
Highways (16)	5	1	0	0	1	0	1	0	0	1	1
Water, Sewer, Dumps (49)	9	1	3	0	1	1	0	0	0	2	1
Parks and Recreation (79)	5	-	1	-	-	-	-	2	0	0	2
Schools (82)	11	1	2	4	0	1	2	0	1	0	0
Public Safety (92)	21	2	4	3	0	2	0	0	4	3	3
Administration (91, 93-98)	3	-	-	-	-	-	-	-	2	0	1

1. Fatality figures for 1984 are incomplete.

Of the 53 fatalities reported in 1989, nine were workers in the occupational category of Precision Production, Craft and Repair Workers (including mechanics and construction and trades workers), seven were workers in the Executive, Administrative, Managerial category and another six were workers in the occupational category of Transportation and Material Movers (including truck drivers and construction equipment operators).

TABLE 20. -- NUMBER AND PERCENT OF INJURY AND ILLNESS FATALITIES
BY OCCUPATION, MAINE 1989

CATEGORY	TOTAL		INJURIES		ILLNESSES	
	Number	Percent	Number	Percent	Number	Percent
ALL WORKERS	53	100.0	27	100.0	26	100.0
Executive, Administrative, Managerial	7	13.2	2	7.4	5	19.3
Professional Specialty	3	5.7	3	11.1	0	-
Technicians and Support	4	7.5	2	7.4	2	7.7
Sales	3	5.7	1	3.7	2	7.7
Administrative Support - Clerical	0	-	0	-	0	-
Private Household Workers	0	-	0	-	0	-
Protective Service Workers	6	11.3	3	11.1	3	11.5
Other Services	2	3.8	0	-	2	7.7
Farming, Fishing, Forestry	5	9.4	4	14.8	1	3.8
Precision Production, Craft and Repair	9	17.0	4	14.8	5	19.3
Machine Operators, Assemblers, Inspectors	3	5.7	1	3.7	2	7.7
Transportation and Material Movers	6	11.3	3	11.1	3	11.5
Handlers, Equipment Cleaners, Laborers	5	9.4	4	14.8	1	3.8
State, Military Occupations	0	-	0	-	0	-
Unknown	0	-	0	-	0	-

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 46 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. -- FATAL INJURIES AND ILLNESSES BY AGE GROUP
MAINE 1980-1989

AGE SPAN	TEN-YEAR TOTAL ¹		INJURIES		ILLNESSES	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	429	100.0	249	100.0	180	100.0
16-20	23	5.4	23	9.2	0	.0
21-25	33	7.7	33	13.3	0	.0
26-30	40	9.3	40	16.1	0	.0
31-35	54	12.6	45	18.1	9	5.0
36-40	40	9.3	24	9.6	16	8.9
41-45	30	7.0	13	5.2	17	9.4
46-50	42	9.8	20	8.0	22	12.2
51-55	58	13.5	20	8.0	38	21.1
56-60	64	14.9	16	6.4	48	26.7
61-65	20	4.7	5	2.0	15	8.3
66-70	11	2.6	3	1.2	8	4.4
71-75	12	2.8	6	2.4	6	3.3
Over 75	2	.5	1	.4	1	.5

1. Fatality figures for 1984 are incomplete.

NOTE: Figures do not include reports with unknown age.

Due to rounding, totals may not add to 100 percent.

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 61.2 percent of all fatalities due to injuries. Those with over 15 years of service with a company account for 33.8 percent of all fatalities resulting from an illness, including heart attacks. Hence, injury is tied to inexperience while illness is linked to exposure and advancing age.

TABLE 22. -- NUMBER OF FATAL INJURIES AND ILLNESSES,
BY LENGTH OF SERVICE, MAINE 1980-1989

<u>LENGTH OF SERVICE</u>	<u>TEN-YEAR¹</u>	<u>INJURIES</u>	<u>ILLNESSES</u>
	<u>TOTAL</u> <u>Number</u>	<u>Number</u>	<u>Number</u>
TOTAL	366	213	153
Under 1 Month	53	44	9
1 Month to 6 Months	53	38	15
6 Months to 12 Months	31	20	11
1 Year to Under 2 Years	36	26	10
2 Years to Under 3 Years	20	14	6
3 Years to Under 4 Years	12	6	6
4 Years to Under 5 Years	13	6	7
5 Years up to 10 Years	48	31	17
10 Years up to 15 Years	33	17	16
15 Years up to 35 Years	67	11	56

1. Fatality figures for 1984 are incomplete.

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

TABLE 23. -- NATURE OF INJURY OR ILLNESS
NUMBER AND PERCENT OF DISTRIBUTION OF CASES, BY SEVERITY,
ALL WORKERS, STATE OF MAINE 1989

CODES	NATURE OF INJURY OR ILLNESS	ALL REPORTS ¹		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	80,349	100.0	26,006	100.0	53	100.0
100	AMPUTATION OR ENUCLEATION	61	.1	54	.2	0	0.0
110	ASPHYXIA, STRANGULATION DROWNING, SUFFOCATION	2	.0	0	.0	2	3.8
120	HEAT BURN	1,821	2.3	471	1.8	0	.0
130	CHEMICAL BURN	1,163	1.4	214	.8	0	.0
140	CONCUSSION	181	.2	100	.4	0	.0
15-	INFECTIVE OR PARASITIC DISEASE	172	.2	50	.2	0	.0
160	CONTUSION, CRUSHING, BRUISE	12,596	15.7	2,718	10.5	0	.0
170	CUT, LACERATION, PUNCTURE	14,543	18.1	2,710	10.4	3	5.7
18-	DERMATITIS	1,090	1.4	187	.7	0	.0
185	Contact Dermatitis	780	1.0	136	.5	0	.0
190	DISLOCATION	886	1.1	547	2.1	0	.0
200	ELECTRIC, ELECTROCUTION	132	.2	25	.1	1	1.9
210	FRACTURE	2,429	3.0	1,364	5.2	13	24.5
220	EFFECTS OF EXPOSURE TO LOW TEMP.	53	.1	23	.1	0	.0
230	HEARING LOSS OR IMPAIRMENT	109	.1	3	.0	0	.0
240	EFFECTS OF ENVIRONMENTAL HEAT	69	.1	11	.0	0	.0
250	HERNIA, RUPTURE	388	.5	358	1.4	0	.0
260	INFLAM./IRR. OF TENDONS OR MUS.	2,905	3.6	896	3.4	0	.0
27-	SYSTEMIC POISONING	502	.6	142	.5	2	3.0
28-	PNEUMOCONIOSIS	13	.0	2	.0	1	1.9
29-	RADIATION EFFECTS	401	.5	131	.5	0	.0
295	Welders Flash	367	.5	124	.5	0	.0
300	SCRATCHES, ABRASIONS	5,414	6.7	698	2.7	0	.0
310	SPRAINS, STRAINS	26,452	32.9	10,921	42.0	0	.0
320	HEMORRHOIDS	12	.0	7	.0	0	.0
330	HEPATITIS, SERUM AND INFECTIVE	2	.0	0	.0	0	.0
400	MULTIPLE INJURIES	782	1.0	367	1.4	5	9.4
500	EFFECTS OF CHANGES IN ATMOS. PRES.	7	.0	3	.0	0	.0
510	CEREBRO. AND OTH. CONS. OF CIRC. SYS.	32	.0	20	.1	2	3.8
520	COMPLICATIONS PECULIAR TO MED.CARE	9	.0	2	.0	0	.0
530	OTHER DISEASES OF THE EYE	161	.2	24	.1	0	.0
540	MENTAL DISORDERS	371	.5	222	.9	0	.0
55-	MALIGNANT NEOPLASM, TUMOR	4	.0	3	.0	0	.0
56-	CONDITIONS OF THE NERVOUS SYSTEM	542	.7	215	.8	0	.0
57-	CONDITIONS OF THE RESPIRATORY SYS.	195	.2	75	.3	0	.0
580	SYMPTOMS AND ILL-DEFINED COND.	2,211	2.8	860	3.3	1	1.9
900	NO INJURY OR ILLNESS	378	.5	8	.0	0	.0
950	DAMAGE TO PROSTHETIC DEVICES	539	.7	6	.0	0	.0
990	OTHER OCCUPATIONAL DISEASE	34	.0	21	.1	1	1.9
991	HEART CONDS. (INC. HEART ATTACKS)	108	.1	84	.3	18	34.0
995	OTHER INJURIES	48	.1	10	.0	0	.0
999	NONCLASSIFIABLE	3,532	4.4	2,454	9.4	4	7.5

1. Due to rounding, totals may not add to 100 percent.

TABLE 24. -- PART OF BODY AFFECTED,
NUMBER AND PERCENT DISTRIBUTION OF CASES, BY SEVERITY,
ALL WORKERS, STATE OF MAINE 1989

CODES	PART OF BODY AFFECTED	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	80,349	100.0	26,006	100.0	53	100.0
1--	HEAD	10,442	13.0	1,932	7.4	5	9.4
100	Head, Unspecified	447	.6	141	.5	2	4.0
110	Brain	184	.2	102	.4	0	.0
12-	Ear(s)	314	.4	30	.1	0	.0
120	Ear(s), Unspecified	23	.0	3	.0	0	.0
121	Ear(s), External	77	.1	7	.0	0	.0
124	Ear(s), Internal	214	.3	20	.1	0	.0
130	Eye(s)	6,667	8.3	1,207	4.6	0	.0
14-	Face	2,049	2.6	305	1.2	0	.0
140	Face, Unspecified	147	.2	24	.1	0	.0
141	Jaw	119	.1	15	.1	0	.0
144	Mouth	621	.8	79	.3	0	.0
146	Nose	273	.3	45	.2	0	.0
148	Face, Multiple Parts	286	.4	60	.2	0	.0
149	Face, Other	603	.8	82	.3	0	.0
150	Scalp	693	.9	118	.5	0	.0
160	Skull	13	.0	1	.0	4	7.5
198	Head, Multiple Parts	74	.1	28	.1	1	1.9
200	NECK	1,381	1.7	520	2.0	1	1.9
3--	UPPER EXTREMITIES	26,433	32.9	5,663	21.8	0	.0
300	Upper Extremities, Unspec.	84	.1	5	.0	0	.0
31-	Arm(s)	5,001	6.2	1,163	4.5	0	.0
310	Arm(s), Unspecified	1,461	1.8	383	1.5	0	.0
311	Upper Arm	324	.4	83	.3	0	.0
313	Elbow	1,705	2.1	369	1.4	0	.0
315	Forearm	1,234	1.5	252	1.0	0	.0
318	Arm, Multiple	276	.3	75	.3	0	.0
320	Wrist	3,507	4.4	997	3.8	0	.0
330	Hand	4,478	5.6	964	3.7	0	.0
340	Finger	12,207	15.2	2,193	8.4	0	.0
398	Upper Extremities, Mult.	1,156	1.4	341	1.3	0	.0
4--	TRUNK	21,732	27.0	10,267	39.5	6	11.1
400	Trunk, Unspecified	9	.0	5	.0	0	.0
410	Abdomen	863	1.1	499	1.9	0	.0
420	Back	13,318	16.6	6,826	26.2	0	.0
430	Chest	1,555	1.9	603	2.3	4	7.4
440	Hips	1,445	1.8	575	2.2	0	.0
450	Shoulder(s)	3,101	3.9	1,120	4.3	0	.0
498	Trunk, Multiple	1,441	1.8	639	2.5	2	3.7

TABLE 24.-- (Continued)

CODES	PART OF BODY AFFECTED	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
5--	LOWER EXTREMITIES-	12,671	15.8	4,974	19.1	0	.0
51-	Leg(s)	6,427	8.0	2,287	8.8	0	.0
510	Leg(s), Unspecified	861	1.1	333	1.3	0	.0
511	Thigh	505	.6	156	.6	0	.0
513	Knee	4,123	5.1	1,462	5.6	0	.0
515	Lower Leg	743	.9	258	1.0	0	.0
518	Leg, Multiple	195	.2	78	.3	0	.0
520	Ankle	2,279	2.8	1,135	4.4	0	.0
530	Foot	2,751	3.4	1,057	4.1	0	.0
540	Toe(s)	900	1.1	365	1.4	0	.0
598	Lower Extremities, Mult.	311	.4	128	.5	0	.0
700	MULTIPLE PARTS	4,484	5.6	1,728	6.6	9	17.0
8--	BODY SYSTEM	1,812	2.3	710	2.7	29	54.7
800	Body System, Unspecified	607	.8	179	.7	3	5.7
801	Circulatory System	146	.2	106	.4	21	39.6
810	Digestive System	24	.0	11	.0	0	.0
820	Excretory System	6	.0	5	.0	0	.0
840	Nervous System	57	.6	259	1.0	1	1.9
850	Respiratory System	507	.6	147	.6	4	7.4
880	Other Body Systems	3	.0	2	.0	0	.0
999	NONCLASSIFIABLE	1,388	1.7	210	.8	.3	5.7

TABLE 25. -- SOURCE OF INJURY OR ILLNESS,
NUMBER AND PERCENT DISTRIBUTION OF CASES, BY SEVERITY,
ALL WORKERS, STATE OF MAINE 1989

CODES	SOURCE OF INJURY OR ILLNESS	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	80,349	100.0	26,006	100.0	53	100.0
01--	AIR PRESSURE	14	.0	5	.0	0	.0
02--	ANIMALS, INSECTS, ETC.	461	.6	71	.3	0	.0
03--	ANIMAL PRODUCTS	217	.3	67	.3	0	.0
0330	Hides, Leather	164	.2	58	.2	0	.0
0400	BODILY MOTION	3,329	4.1	1,458	5.6	0	.0
05--	BOILERS, PRESSURE VESSELS	587	.7	186	.7	0	.0
0530	Pressure Lines	355	.4	102	.4	0	.0
06--	BOXES, BARRELS, CONTAINERS	7,684	9.6	3,047	11.7	0	.0
0610	Pots, Pans, Dishes, Trays	662	.8	227	.9	0	.0
0620	Pails, Buckets, Baskets	457	.6	197	.8	0	.0
0630	Boxes, Crates, Cartons	3,228	4.0	1,316	5.1	0	.0
0660	Bundles, Barrels	260	.3	126	.5	0	.0
0665	Reels, Rolls	794	1.0	272	1.0	0	.0
0670	Tanks, Bins, Etc.	311	.4	109	.4	0	.0
07--	BUILDINGS AND STRUCTURES	2,580	3.2	713	2.7	1	1.9
0705	Doors, Gates	1,000	1.2	248	1.0	0	.0
0755	Walls, Fences	792	1.0	209	.8	0	.0
08--	CERAMIC TILES	97	.1	23	.1	0	.0
09--	CHEMICALS, CHEMICAL COMPOUNDS	2,095	2.6	423	1.6	2	3.8
10--	CLOTHING	320	.4	109	.4	0	.0
11--	COAL AND PETROLEUM PRODUCTS	273	.3	71	.3	0	.0
1200	COLD, ATMOSPHERIC, ENVIRONMENTAL	53	.1	24	.1	0	.0
13--	CONVEYORS	306	.4	97	.4	0	.0
14--	DRUGS AND MEDICINES	111	.1	3	.0	0	.0
15--	ELECTRIC APPARATUS	737	.9	198	.8	1	1.9
1700	FLAME, FIRE, SMOKE	360	.4	102	.4	0	.0
18--	FOOD PRODUCTS	533	.7	169	.6	0	.0

TABLE 25. -- (Continued)

CODES	SOURCE OF INJURY OR ILLNESS	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
19--	FURNITURE, FIXTURES, ETC.	2,818	3.5	838	3.2	0	.0
1901	Cabinets, File Cases, Bookcases	602	.7	156	.6	0	.0
1970	Tables	383	.5	109	.4	0	.0
2000	GLASS ITEMS, OTHER	581	.7	104	.4	0	.0
22--	HAND TOOLS, NOT POWERED	6,573	8.2	1,283	4.9	0	.0
2230	Hammer	573	.7	143	.5	0	.0
2245	Knife	2,443	3.0	368	1.4	0	.0
2295	Wrenches	396	.5	70	.3	0	.0
23--	HAND TOOLS, POWERED	1,521	1.9	515	2.0	0	.0
2355	Saws	337	.4	166	.6	0	.0
2400	HEAT, ATMOSPHERIC, ENVIRONMENTAL	79	.1	13	.0	0	.0
2500	HEATING EQUIPMENT, OTHER	362	.5	105	.4	0	.0
26--	HOISTING APPARATUS	412	.5	113	.4	0	.0
2700	INFECTIOUS, PARASITIC AGENTS	441	.5	85	.3	0	.0
28--	LADDERS	149	.2	46	.2	0	.0
29--	LIQUIDS, OTHER	314	.4	96	.4	2	3.8
3---	MACHINES	4,684	5.8	1,463	5.6	0	.0
3001	Agitators, Mixers, Tumblers	135	.2	58	.2	0	.0
3100	Buffers, Sanders, Grinders	254	.3	84	.3	0	.0
3250	Drilling, Boring	158	.2	39	.1	0	.0
3300	Highway Construction	213	.3	96	.4	2	4.0
3400	Office Machines	481	.6	105	.4	0	.0
3750	Saws	326	.4	139	.5	0	.0
3850	Shears, Slitters, Slicers	630	.8	171	.7	0	.0
3900	Stitching and Sewing Machines	177	.2	59	.2	0	.0
41--	METAL ITEMS	8,750	10.9	2,165	8.3	3	5.7
4110	Automobile Parts	320	.4	118	.5	0	.0
4115	Beams, Bars	1,636	2.0	509	2.0	0	.0
4120	Gunshots	8	.0	4	.0	2	3.8
4140	Pipes	1,084	1.3	291	1.1	0	.0
4150	Castings, Forgings, Etc.	1,455	1.8	414	1.6	1	1.9
4155	Nails, Spikes, Etc.	1,146	1.4	251	1.0	0	.0
4165	Chips, Splinters, Particles	2,206	2.7	373	1.4	0	.0
4300	MINERAL ITEMS, NONMETALLIC, NEC	987	1.2	279	1.1	1	1.9
4400	NOISE	102	.1	3	.0	0	.0

TABLE 25. -- (Continued)

CODES	SOURCE OF INJURY OR ILLNESS	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
4500	PAPER AND PULP	431	.5	139	.5	0	.0
4600	UNIDENTIFIED PARTICLES	1,332	1.7	157	.6	0	.0
4700	PLANTS, TREES, VEGETATION	712	.9	339	1.3	5	9.4
4800	PLASTIC ITEMS, OTHER	193	.2	62	.2	0	.0
49--	PUMPS AND PRIME MOVERS	155	.2	57	.2	0	.0
50--	RADIATING SUBSTANCES AND EQUIPMENT	402	.5	131	.5	0	.0
5070	Welding Equipment	365	.5	123	.5	0	.0
5300	SCRAP, DEBRIS, WASTE	93	.1	16	.1	0	.0
5400	STEAM	95	.1	27	.1	0	.0
5500	TEXTILE ITEMS, OTHER	227	.3	76	.3	0	.0
56--	VEHICLES	4,679	5.8	1,870	7.2	9	16.7
5620	Highway Vehicles, Powered	2,243	2.8	943	3.6	7	13.2
563-	Plant or Industrial Vehicles	2,187	2.7	842	3.2	1	1.9
5631	Nonpowered Vehicles	1,607	2.0	608	2.3	0	.0
5635	Powered Carriers	427	.5	170	.7	0	.0
57--	WOOD ITEMS	3,288	4.1	1,089	4.2	1	1.9
5710	Logs	250	.3	115	.4	0	.0
5720	Lumber	1,251	1.6	487	1.9	1	1.9
5730	Skids, Pallets	478	.6	206	.8	0	.0
58--	WORKING SURFACES	9,281	11.6	3,723	14.3	2	3.8
5801	Floor	3,823	4.8	1,395	5.4	1	1.9
5810	Ground	3,488	4.3	1,536	5.9	1	1.9
5840	Stairs, Steps	1,172	1.5	469	1.8	0	.0
60--	PERSON	4,158	5.2	1,617	6.2	24	45.3
6010	Person, Inj. (Heart/No Cause Ind.)	721	.9	417	1.6	24	45.3
6020	Person, Other Than Injured	3,437	4.3	1,200	4.6	0	.0
6100	RECREATION and ATHLETIC EQUIPMENT	234	.3	63	.2	0	.0
62--	RUBBER PRODUCTS	251	.3	103	.4	0	.0
6210	Tires	218	.3	93	.4	0	.0
6500	ICE, SNOW	20	.0	7	.0	0	.0
8800	SOURCE, NOT ELSEWHERE CLASSIFIED	2,946	3.7	1,089	4.2	1	1.9
9800	NONCLASSIFIABLE	4,090	5.1	1,477	5.7	1	1.9

TABLE 26. -- TYPE OF ACCIDENT OR EXPOSURE
NUMBER AND PERCENT DISTRIBUTION OF CASES, BY SEVERITY,
ALL WORKERS, STATE OF MAINE 1989

CODES	TYPE OF ACCIDENT OR EXPOSURE	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	80,349	100.0	26,006	100.0	53	100.0
01-	STRUCK AGAINST	10,538	13.1	2,306	8.9	0	.0
011	Stationary Object	9,500	11.8	1,975	7.6	0	.0
012	Moving Object	768	1.0	287	1.1	0	.0
02-	STRUCK BY	14,863	18.5	3,812	14.7	13	24.1
021	Falling Object	3,379	4.2	1,174	4.5	5	9.3
022	Flying Object	760	.9	246	.9	2	3.8
03-	FALL FROM ELEVATION	3,763	4.7	1,700	6.5	2	3.8
031	From Staging	391	.5	218	.8	2	3.8
032	From Ladders	557	.7	292	1.1	0	.0
034	From Vehicles	460	.6	252	1.0	0	.0
035	On Stairs	978	1.2	413	1.6	0	.0
05-	FALL ON SAME LEVELS	6,534	8.1	2,348	9.0	0	.0
051	Fall to the Working Surface	5,031	6.3	1,807	7.2	0	.0
052	Fall Onto or Against Objects	1,496	1.9	474	1.8	0	.0
06-	CAUGHT IN, UNDER, OR BETWEEN	2,493	3.1	765	2.9	1	1.9
061	In Running or Meshing Objects	24	.0	11	.0	0	.0
062	Moving and Stationary Object	1,366	1.7	339	1.3	1	1.9
08-	RUBBED OR ABRADED	5,282	6.6	749	2.9	0	.0
082	Objects Handled	425	.5	61	.2	0	.0
084	Foreign Matter in Eyes	4,262	5.3	530	2.0	0	.0
100	BODILY REACTION	3,332	4.1	1,460	5.6	0	.0
12-	OVEREXERTION	22,343	27.8	9,518	36.6	0	.0
121	Lifting Objects	7,763	9.7	3,755	14.4	0	.0
122	Pulling or Pushing Objects	3,017	3.8	1,193	4.6	0	.0
123	Welding, Throwing, Holding, Carrying Objects	6,253	7.8	2,555	9.8	0	.0
130	CONTACT WITH ELECTRIC CURRENT	168	.2	36	.1	1	1.9
15-	CONTACT WITH TEMPERATURE EXTREMES	1,938	2.4	493	1.9	0	.0
153	Hot Objects	1,790	2.2	449	1.7	0	.0

TABLE 26. -- (Continued)

CODES	TYPE OF ACCIDENT OR EXPOSURE	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
18-	CONTACT WITH RADIATIONS, CAUSTICS, ETC.	4,218	5.2	872	3.4	5	9.4
181	By Inhalation	861	1.1	223	.9	4	7.5
183	By Absorption	2,618	3.3	528	2.0	0	.0
200	TRANSPORTATION ACCIDENTS, OTHER THAN MOTOR VEHICLE	2	.0	2	.0	0	.0
3--	MOTOR VEHICLE ACCIDENTS	900	1.1	488	1.9	5	9.3
31-	Both Vehicles in Motion	246	.3	134	.5	4	7.5
32-	Standing Vehicle or Stationary Objects	218	.3	109	.4	0	.0
33-	Noncollision Accidents	257	.3	143	.5	0	.0
40-	EXPOSURE TO NOISE	88	.1	0	.0	0	.0
500	EXPLOSIONS	105	.1	36	.1	1	1.9
6--	NONHIGHWAY MOTOR VEHICLE ACCIDENTS	199	.2	92	.4	0	.0
899	ACCIDENT TYPE, OTHER	1,442	1.8	535	2.1	24	45.3
999	NONCLASSIFIABLE	2,135	2.7	794	3.1	1	1.9

TABLE 27. -- ASSOCIATED OBJECT OR SUBSTANCE
NUMBER AND PERCENT DISTRIBUTION OF CASES, BY SEVERITY,
ALL WORKERS, STATE OF MAINE 1989

CODES	ASSOCIATED OBJECT OR SUBSTANCE	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
	TOTAL	80,349	100.0	26,006	100.0	53	100.0
01--	AIR PRESSURE	11	.0	5	.0	0	.0
02--	ANIMALS, INSECTS, ETC.	484	.6	79	.3	0	.0
03--	ANIMAL PRODUCTS	220	.3	64	.2	0	.0
0400	BODILY MOTION	2,258	2.8	989	3.8	0	.0
05--	BOILER, PRESSURE VESSELS	879	1.1	263	1.0	0	.0
06--	BOXES, BARRELS, CONTAINERS	7,864	9.8	3,058	11.8	0	.0
07--	BUILDINGS AND STRUCTURES	2,608	3.2	734	2.8	2	3.8
08--	CERAMIC ITEMS	71	.1	20	.1	0	.0
09--	CHEMICALS, CHEMICAL COMPOUNDS	1,807	2.2	375	1.4	2	3.8
10--	CLOTHING	545	.7	176	.7	0	.0
11--	COAL AND PETROLEUM PRODUCTS	196	.2	55	.2	0	.0
1200	COLD, ATMOSPHERIC, ENVIRONMENTAL	54	.1	26	.1	0	.0
13--	CONVEYORS	324	.4	108	.4	0	.0
14--	DRUGS AND MEDICINES	85	.1	2	.0	0	.0
15--	ELECTRIC APPARATUS	847	1.1	239	.9	1	1.9
16--	EXCAVATIONS, TRENCHES, TUNNELS, ETC.	31	.0	19	.1	0	.0
1700	FLAME, FIRE, SMOKE	191	.2	54	.2	0	.0
18--	FOOD PRODUCTS	444	.6	132	.5	0	.0
19--	FURNITURE, FIXTURES, ETC.	3,312	4.1	976	3.8	0	.0
2000	GLASS ITEMS	393	.5	81	.3	0	.0
22--	HAND TOOLS, NOT POWERED	7,263	9.0	1,397	5.4	0	.0
23--	HAND TOOLS, POWERED	3,585	4.5	921	3.5	2	3.8
2400	HEAT, ATMOSPHERIC, ENVIRONMENTAL	79	.1	12	.0	0	.0
2500	HEATING EQUIPMENT, OTHER	493	.6	133	.5	0	.0
26--	HOISTING APPARATUS	526	.7	170	.7	0	.0
2700	INFECTIOUS, PARASITIC AGENTS	401	.5	70	.3	0	.0
28--	LADDERS	948	1.2	408	1.6	0	.0
29--	LIQUIDS, OTHER	183	.2	55	.2	2	3.8
3---	MACHINES	5,503	6.8	1,652	6.4	0	.0
41--	METAL ITEMS	5,679	7.1	1,563	6.0	1	1.9
4300	MINERAL ITEMS, METALLIC, OTHER	521	.6	195	.7	1	1.9
4400	NOISE	70	.1	0	.0	0	.0
4500	PAPER AND PULP	445	.6	139	.5	0	.0
4600	UNIDENTIFIED PARTICLES	15	.0	6	.0	0	.0
4700	PLANTS, TREES, VEGETATION	683	.9	330	1.3	5	9.4
4800	PLASTIC ITEMS, OTHER	167	.2	60	.2	0	.0
49--	PUMPS AND PRIME MOVERS	163	.2	57	.2	0	.0
50--	RADIATING SUBSTANCES AND EQUIPMENT	34	.0	7	.0	0	.0
5300	SCRAPS, DEBRIS, WASTE MATERIALS, OTHER	58	.1	12	.0	0	.0
5400	STEAM	47	.1	11	.0	0	.0
5500	TEXTILE ITEMS, OTHER	240	.3	84	.3	0	.0
56--	VEHICLES	5,619	7.0	2,230	8.6	10	18.9
57--	WOOD ITEMS	2,799	3.5	981	3.8	0	.0

TABLE 27. -- (Continued)

CODES	ASSOCIATED OBJECT OR SUBSTANCE	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
		Number	Percent	Number	Percent	Number	Percent
60--	PERSON	4,636	5.8	1,745	6.7	24	45.3
6100	RECREATION AND ATHLETIC EQUIPMENT	305	.4	80	.3	0	.0
62--	RUBBER PRODUCTS	239	.3	98	.4	1	1.9
6300	FILES, STACKS	129	.2	54	.2	0	.0
64--	WORKING SURFACES	8,511	10.6	3,291	12.7	1	1.9
6500	ICE, SNOW, NOT WORKING SURFACE	11	.0	4	.0	0	.0
8800	MISCELLANEOUS, OTHER	2,826	3.5	1,059	4.1	0	.0
9800	NONCLASSIFIABLE	5,545	6.9	1,726	6.6	1	1.9

TABLE 28. -- NUMBER OF OCCUPATIONAL INJURIES AND ILLNESSES
INDUSTRY BY SEX
STATE OF MAINE 1989

SIC	INDUSTRY	NUMBER OF CASES		
		TOTAL	MALE	FEMALE
	<u>TOTAL, ALL INDUSTRIES</u>	80,349	55,474	24,875
	<u>TOTAL, PRIVATE SECTOR</u>	72,713	50,503	22,210
	AGRICULTURE, FORESTRY, and FISHING	889	719	170
01	AGRICULTURAL PRODUCTION, CROP	213	167	46
02	AGRICULTURAL PRODUCTION, LIVESTOCK	131	99	32
07	AGRICULTURAL SERVICES	479	396	83
08	FORESTRY	48	42	6
09	FISHING, HUNTING, TRAPPING	18	15	3
	MINING AND UNKNOWN	732	573	159
	CONSTRUCTION	9,478	9,256	222
15	GENERAL BUILDING CONTRACTORS	3,400	3,330	70
152	Residential Building Construction	1,578	1,548	30
154	Nonresidential Building Construction	1,815	1,777	38
16	HEAVY CONSTRUCTION CONTRACTORS	1,644	1,588	56
161	Highway and Street Construction	542	515	27
162	Heavy Construction, Except Highway	1,102	1,073	29
17	SPECIAL TRADE CONTRACTORS	4,434	4,338	96
171	Plumbing, Heating, Air Conditioning	1,119	1,093	26
173	Electrical Work	582	566	16
174	Masonry, Stonework, and Plastering	752	740	12
176	Roofing and Sheet Metal Work	282	278	4
179	Miscellaneous Special Trade Contractors	1,082	1,059	23
	MANUFACTURING	28,622	22,139	6,483
20	FOOD AND KINDRED PRODUCTS	2,120	1,467	653
201	Meat Products	207	113	94
2015	Poultry Slaughtering and Processing	90	32	58
203	Preserved Fruits and Vegetables	547	380	167
2037	Frozen Fruits and Vegetables	450	308	142
205	Bakery Products	437	330	107
2051	Bread, Cake, and Related Products	437	330	107
209	Miscellaneous Foods and Kindred Products	538	286	252
2091	Canned and Cured Seafoods	333	143	190
2092	Fresh or Frozen Packaged Fish	174	122	52
22	TEXTILE MILL PRODUCTS	1,430	974	456
222	Weaving Mills, Synthetics	188	138	50
223	Weaving and Finishing Mills, Wool	600	400	200

TABLE 28. -- (Continued)

SIC	INDUSTRY	NUMBER OF CASES		
		TOTAL	MALE	FEMALE
23	APPAREL AND OTHER TEXTILE PRODUCTS	388	152	236
24	LUMBER AND WOOD PRODUCTS	3,616	3,044	572
241	Logging Camps and Logging Contractors	843	828	15
242	Sawmills and Planing Mills	941	886	55
2421	Sawmills and Planing Mills, General	703	681	22
2426	Hardwood Dimension and Flooring	237	204	33
243	Millwork, Plywood, and Structural Members	477	351	126
245	Wood Buildings and Mobile Homes	249	230	19
249	Miscellaneous Wood Products	1,043	697	346
25	FURNITURE AND FIXTURES	293	216	77
251	Household Furniture	192	132	60
26	PAPER AND ALLIED PRODUCTS	4,877	4,316	561
261	Pulp Mills	311	281	30
262	Paper Mills, Except Building Paper	4,032	3,621	411
267	Miscellaneous Converted Paper Products	324	225	99
27	PRINTING AND PUBLISHING	696	474	222
28	CHEMICALS AND ALLIED PRODUCTS	140	82	58
29	PETROLEUM AND COAL PRODUCTS	89	85	4
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	1,058	660	398
302	Rubber and Plastics Footwear	266	117	149
308	Miscellaneous Plastics Products	591	357	234
31	LEATHER AND LEATHER PRODUCTS	2,949	1,501	1,448
311	Leather Tanning and Finishing	681	600	81
313	Boot and Shoe Cut Stock and Findings	38	19	19
314	Footwear, Except Rubber	2,217	881	1,336
3143	Men's Footwear, Except Athletic	867	339	528
3144	Women's Footwear, Except Athletic	698	281	417
3149	Footwear, Except Rubber, Other	470	167	303
32	STONE, CLAY, AND GLASS PRODUCTS	479	458	21
327	Concrete, Gypsum, and Plaster Products	348	344	4
33	PRIMARY METAL INDUSTRIES	169	145	24
34	FABRICATED METAL PRODUCTS	992	866	126
344	Fabricated Structural Metal Products	489	475	14
348	Ordnance and Access. Ex. Vehs., Missiles	144	101	43
35	INDUSTRIAL AND COMMERCIAL MACHINERY AND COMPUTER EQUIPMENT	925	822	103
353	Construction and Material Handling Mach.	54	52	2
354	Metalworking Machinery	129	111	18
36	ELECTRIC AND ELECTRONIC EQUIPMENT	1,001	409	592
366	Communication Equipment	141	126	15
367	Electronic Components and Accessories	303	89	214
37	TRANSPORTATION EQUIPMENT	7,115	6,310	805
372	Aircraft and Parts	443	362	81
373	Ship and Boat Building and Repairing	6,293	5,735	558
3731	Ship Building and Repairing	5,980	5,452	528
3732	Boat Building and Repairing	313	283	30
38	INSTRUMENTS AND RELATED PRODUCTS	162	91	71

TABLE 28. -- (Continued)

SIC	INDUSTRY	NUMBER OF CASES		
		TOTAL	MALE	FEMALE
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	123	67	56
	TRANSPORTATION AND PUBLIC UTILITIES	2,892	2,581	311
41	LOCAL PASSENGER TRANSIT	144	83	61
42	TRUCKING and WAREHOUSING	1,469	1,376	93
421	Trucking, Local and Long Distance	1,377	1,302	75
44	WATER TRANSPORTATION	129	121	8
45	TRANSPORTATION BY AIR	126	97	29
48	COMMUNICATION	269	215	54
49	ELECTRIC, GAS, AND SANITARY SERVICES	735	672	63
491	Electric Services	481	425	56
	WHOLESALE TRADE	3,974	3,423	551
50	WHOLESALE TRADE, DURABLE GOODS	1,971	1,717	254
508	Machinery, Equipment, and Supplies	412	387	25
51	WHOLESALE TRADE, NONDURABLE GOODS	2,003	1,706	297
514	Groceries and Related Products	1,067	986	81
	RETAIL TRADE	11,932	6,904	5,028
52	BUILDING MATERIALS, HARDWARE, MOBILE HOMES	1,036	937	99
521	Lumber and Other Building Materials	689	640	49
53	GENERAL MERCHANDISE STORES	1,305	554	751
531	Department Stores	971	414	557
54	FOOD STORES	2,679	1,296	1,383
541	Grocery Stores	2,461	1,177	1,284
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,587	1,432	155
551	New and Used Car Dealers	871	820	51
553	Auto and Home Supply Stores	216	204	12
56	APPAREL STORES	228	51	177
57	FURNITURE AND HOME FURNISHINGS STORES	232	196	36
58	EATING and DRINKING PLACES	3,195	1,454	1,741
59	MISCELLANEOUS RETAIL	1,670	984	686
594	Miscellaneous Shopping Goods Stores	821	354	467
	FINANCE, INSURANCE, AND REAL ESTATE	1,160	395	765
60	DEPOSITORY INSTITUTIONS	368	61	307
63	INSURANCE CARRIERS	335	60	275
65	REAL ESTATE	233	180	53
	SERVICES	13,033	4,512	8,521
70	HOTELS AND OTHER LODGING	1,007	467	540
701	Hotels, Motels, and Tourist Courts	781	335	446
72	PERSONAL SERVICES	206	106	100
73	BUSINESS SERVICES	868	555	313
75	AUTO REPAIR, SERVICES, AND GARAGES	640	614	26
753	Automotive Repair Shops	476	463	13

TABLE 28. -- (Continued)

SIC	INDUSTRY	NUMBER OF CASES		
		TOTAL	MALE	FEMALE
76	MISCELLANEOUS REPAIR SERVICES	238	229	9
79	AMUSEMENT AND RECREATION SERVICES	493	379	114
80	HEALTH SERVICES	6,789	1,026	5,763
805	Nursing and Personal Care Facilities	2,515	234	2,281
806	Hospitals	3,889	752	3,137
82	EDUCATIONAL SERVICES	795	371	424
822	Colleges and Universities	452	245	207
83	SOCIAL SERVICES	1,196	329	867
	<u>TOTAL, PUBLIC SECTOR</u>	7,636	4,971	2,665
	STATE GOVERNMENT	2,226	1,355	871
	Highway and Street Construction	402	362	40
	Hospitals	358	153	205
	Colleges and Universities	407	240	167
	Social Services	284	113	171
	Public Administration	653	399	254
	Police Protection	96	89	7
	Correctional Institutions	96	78	18
	LOCAL GOVERNMENT	5,410	3,616	1,794
	Highway and Street Construction	781	757	24
	Sanitary Services	227	214	13
	Amusement and Recreation Services	138	97	41
	Educational Services	1,912	744	1,168
	Public Administration	1,685	1,392	293
	Police Protection	714	621	93
	Fire Protection	625	571	54

TABLE 29. -- OCCUPATION OF INJURED OR ILL WORKER,
NUMBER OF CASES, BY AGE, ALL WORKERS, STATE OF MAINE 1989

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGES	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	80,349	214	5,731	13,656	27,379	17,432	9,488	4,950	555	944
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	1,854	0	23	122	573	603	315	173	17	28
Managers and Administrators, NEC	1,003	0	18	77	332	327	142	80	7	20
Management Related Occupations (e.g., Accountants, buyers, personnel officers)	556	0	3	36	171	169	105	58	8	6
PROFESSIONAL SPECIALTY	3,470	1	36	332	1,174	1,112	536	215	22	42
Registered Nurses	1,337	0	0	128	487	415	204	92	4	7
Elementary Teachers	377	0	0	10	96	146	83	36	1	5
Secondary Teachers	169	0	0	4	29	66	55	12	1	2
Social Workers	140	0	1	11	52	40	25	8	2	1
TECHNICIANS AND SUPPORT	1,650	0	31	215	585	522	205	72	5	15
Licensed Practical Nurses	544	0	1	33	160	212	97	33	1	7
Health Technologists and Technicians, NEC	266	0	6	49	85	79	35	9	1	2
SALES	2,422	17	305	421	646	525	280	148	30	50
Supervisors, Sales Occupations	593	0	8	93	221	154	79	31	3	4
Sales Workers	1,736	17	294	323	401	341	186	105	25	44
ADMINISTRATIVE SUPPORT	3,961	4	173	622	1,157	1,005	587	335	49	29
Secretaries	444	0	12	50	133	135	80	30	2	2
Bookkeepers, Accounting Clerks	246	0	2	31	77	57	47	26	4	2
Shipping and Receiving Clerks	532	0	45	112	170	103	59	35	6	2
Stock and Inventory Clerks	312	0	24	60	74	84	32	35	3	0
HOUSEHOLD OCCUPATIONS	4	0	0	2	1	0	0	1	0	0
Launderers, Cooks, Child Care Workers	4	0	0	2	1	0	0	1	0	0

TABLE 29. -- (Continued)

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGES	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
PROTECTIVE SERVICES	1,834	2	76	294	603	514	222	93	22	8
Firefighters	486	1	40	65	157	150	56	13	2	2
Police and Detectives	570	0	4	125	222	15	46	12	2	2
Guards and Police, except Public Service	296	1	7	38	78	67	45	45	14	1
SERVICES	12,191	117	1,624	2,001	3,282	2,266	1,511	1,049	123	218
Waiters and Waitresses	619	8	103	150	180	89	48	24	1	16
Cooks	1,350	9	252	275	372	176	142	78	13	33
Kitchen Workers, Food Preparation	1,751	41	466	321	370	248	128	119	18	40
Health Aides, except Nursing	485	7	97	81	92	103	57	40	3	5
Nursing Aides	3,113	1	184	568	978	746	383	203	9	41
Maids and Housemen	917	1	91	103	248	186	154	110	17	7
Janitors and Cleaners	2,052	11	113	170	520	424	406	347	39	22
FARMING, FISHING, FORESTRY	1,633	13	104	252	571	312	203	130	9	39
Farm Workers	219	7	20	31	74	36	20	19	2	10
Groundskeepers, Gardeners, except Farm	475	5	58	96	181	57	29	36	5	8
Logging Occupations	594	0	13	69	196	139	106	52	0	19
PRECISION CRAFT AND REPAIR	19,319	5	563	2,916	7,638	4,479	2,368	1,093	91	166
Supervisors, Mechanics and Repairers	360	0	1	18	113	105	82	40	0	1
Auto Mechanics	1,034	0	30	245	418	219	83	31	4	4
Bus and Truck Mechanics	574	1	13	91	222	137	82	21	1	6
Industrial Machinery Repairers	1,119	0	13	85	364	296	235	119	5	2
Machinery Maintenance Occupations	310	0	2	16	92	952	59	43	3	0
Heating, Air Conditioning, Refrigeration Mechanics	479	0	2	66	205	116	46	37	3	4
Millwrights	588	0	1	17	190	212	109	54	0	5
Supervisors, Construction Occupations	726	0	1	47	265	240	97	61	7	8
Carpenters	2,851	1	108	533	1,280	540	192	126	21	50
Electricians	1,445	0	53	205	632	307	156	83	1	8

TABLE 29. -- (Continued)

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGES	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
PRECISION CRAFT AND REPAIR (continued)										
Plumbers, Pipefitters, Steamfitters	1,536	0	30	192	627	377	216	68	6	20
Roofers	135	0	13	37	58	19	3	1	0	4
Structural Metal Workers	355	0	9	41	151	97	37	13	2	5
Supervisors, Production Occupations	767	0	2	62	271	176	179	66	6	5
Boilermakers	88	0	3	11	36	23	10	5	0	0
Lay-out Workers	664	0	46	155	283	111	54	14	0	1
Water and Sewage Treatment Plant Operators	137	0	2	14	48	54	15	4	0	0
MACHINE OPERATORS, ASSEMBLERS, INSPECTORS	14,157	6	777	2,629	5,283	2,990	1,550	787	61	74
Metal and Plastic Lathe Operators	91	0	6	15	27	25	8	9	0	1
Grinding and Buffing Machine Operators	249	0	20	42	99	52	25	8	1	2
Wood Lathe, Routing and Planing Operators	103	0	6	27	42	12	9	4	3	0
Sawing Machine Operators	397	0	27	76	173	69	23	23	1	5
Printing Machine Operators	150	0	3	35	71	26	6	9	0	0
Winding and Twisting Machine Operators	281	0	16	35	113	65	27	24	0	1
Textile Sewing Machine Operators	179	0	7	30	50	46	23	20	2	1
Shoe Machine Operators	1,743	0	149	309	500	380	272	112	11	10
Miscellaneous Textile Machine Operators	341	0	21	55	135	58	42	26	2	2
Paint Spraying Machine Operators	641	0	38	144	281	110	43	22	1	2
Furnace, Kiln, Oven Operators	182	0	4	19	79	47	22	9	1	1
Slicing and Cutting Machine Operators	254	0	13	36	92	47	36	20	3	7
Welders and Cutters	1,741	1	73	483	706	335	96	38	2	7
Assemblers	728	0	47	151	265	143	80	34	3	5
Miscellaneous Hand Working Occupations	246	1	13	40	72	50	51	17	1	1
Production Inspectors	394	0	13	46	121	98	66	43	5	2

TABLE 29. -- (Continued)

OCCUPATION	AGE OF WORKERS IN YEARS									
	TOTAL ALL AGES	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
TRANSPORTATION AND MATERIAL MOVING OCCUPS.	5,160	1	124	673	1,848	1,260	797	380	26	51
Truck Drivers	3,051	0	62	379	1,078	771	505	219	13	24
Bus Drivers	250	0	0	6	60	80	61	37	6	0
Crane Operators	100	0	3	17	40	16	15	9	0	0
Excavating and Loading Machine Operators	173	0	4	20	60	40	32	15	1	1
Industrial Truck and Tractor Operators (Forklifts, Skidders)	470	1	19	66	189	102	55	26	0	12
HANDLERS, CLEANERS, HELPERS	12,334	46	1,873	3,107	3,909	1,785	871	446	96	201
Helpers, Construction Trades	628	0	89	220	228	58	8	3	0	22
Construction Laborers	2,217	9	297	662	767	252	119	48	5	58
Stock Handlers and Baggers	1,282	9	390	278	261	172	76	48	25	23
Machine Feeders and Offbearers	209	0	20	40	82	40	19	6	1	1
Hand Packers	443	1	39	85	121	72	70	37	12	6
Laborers, except Construction	5,145	21	729	1,283	1,636	796	375	204	38	63
STATE MILITARY OCCUPATIONS	6	0	0	1	2	3	0	0	0	0
OCCUPATION NOT REPORTED	354	2	22	69	107	56	43	28	4	23

TABLE 30. -- OCCUPATION OF INJURED OR ILL WORKER,
NUMBER OF CASES, BY INDUSTRY DIVISION,
STATE OF MAINE 1989

OCCUPATION	TOTAL FOR ALL IND	MANUFACT	CONSTRUCTION	RETAIL	SERVICES	WHOLESALE	TRANS AND PUB UTIL	AGRIC FISH AND FOR	FIN INS AND REAL	MINING AND OTHER	PUBLIC SECTOR
TOTAL, ALL OCCUPATIONS	80,349	28,622	9,478	11,932	13,033	3,974	2,892	889	1,160	733	7,636
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	1,854	269	84	481	374	95	63	6	136	38	308
Managers and Administrators, NEC	1,003	118	61	397	190	53	48	4	28	24	80
Management Related Occupations (e.g., Accountants, Buyers, Personnel Officers)	556	145	20	76	98	42	13	2	62	12	86
PROFESSIONAL SPECIALTY	3,470	214	19	40	2,120	9	37	16	11	25	979
Registered Nurses	1,337	5	0	0	1,242	0	0	0	2	3	85
Elementary Teachers	377	0	0	0	20	0	0	0	0	1	356
Secondary Teachers	169	0	0	0	20	0	0	0	1	0	148
Social Workers	140	0	0	0	80	0	0	0	0	1	59
TECHNICIANS AND SUPPORT	1,650	156	7	32	1,141	20	70	6	15	16	187
Licensed Practical Nurses	544	0	0	0	492	0	2	0	0	0	50
Health Technologists and Technicians, NEC	266	1	3	8	150	0	33	1	0	0	70
SALES	2,422	120	16	1,789	86	290	16	1	42	23	39
Supervisors, Sales Occupations	593	28	2	468	19	57	4	0	7	4	4
Salespersons	1,736	83	13	1,317	66	181	12	1	10	18	35
ADMINISTRATIVE SUPPORT	3,961	712	43	654	813	271	192	12	606	33	625
Secretaries	444	32	9	15	221	12	7	1	33	8	106
Bookkeepers, Accounting Clerks	246	34	6	47	57	25	10	1	25	3	38
Shipping and Receiving Clerks	532	204	3	179	16	98	18	4	4	4	2
Stock and Inventory Clerks	312	107	10	101	44	24	2	1	2	3	18
HOUSEHOLD OCCUPATIONS	4	0	0	0	3	0	0	0	0	1	0
Launderers, Cooks, Child Care Workers	4	0	0	0	3	0	0	0	0	1	0

TABLE 30. -- (Continued)

OCCUPATION	TOTAL FOR ALL IND	MANUFACT	CONSTRUCTION	RETAIL	SERVICES	WHOLESALE	TRANS AND PUB UTIL	AGRIC FISH AND FOR	FIN INS AND REAL	MINING AND OTHER	PUBLIC SECTOR
PROTECTIVE SERVICES	1,834	81	2	28	195	3	2	2	1	20	1,500
Firefighters	486	1	0	0	0	0	0	0	0	9	476
Police and Detectives	570	0	1	0	0	0	0	0	0	0	569
Guards and Police, except Public Service	296	77	0	23	149	3	2	2	1	9	30
SERVICES	12,191	313	31	3,655	6,111	55	43	11	131	76	1,765
Waiters and Waitresses	619	3	2	487	117	1	1	0	0	3	5
Cooks	1,350	8	3	782	392	3	3	1	5	8	145
Kitchen Workers, Food Preparation	1,751	15	4	1,346	180	11	3	2	0	12	178
Health Aides, except Nursing	485	1	0	12	431	0	3	0	0	1	37
Nursing Aides	3,113	1	1	2	2,627	1	3	0	17	14	447
Maids and Housemen	917	4	2	16	845	2	1	0	4	7	36
Janitors and Cleaners	2,052	259	15	210	633	31	18	5	94	21	766
FARMING, FISHING, FORESTRY	1,633	584	14	67	203	17	27	510	21	46	144
Farm Workers	219	19	2	2	17	6	6	137	1	16	13
Groundskeepers, Gardeners, except Farm	475	8	8	18	109	1	6	215	15	7	88
Logging Occupations	594	532	4	2	4	4	13	14	2	16	3
PRECISION CRAFT AND REPAIR	19,319	8,109	5,556	1,892	978	770	693	43	73	199	1,006
Supervisors, Mechanics and Repairers	360	148	23	83	32	25	14	2	3	3	27
Auto Mechanics	1,034	7	5	688	205	38	14	1	1	16	59
Bus and Truck Mechanics	574	59	20	77	83	124	122	5	1	10	73
Industrial Machinery Repairers	1,119	998	15	7	20	23	21	1	3	4	27
Machinery Maintenance Workers	310	255	2	10	15	5	6	0	0	2	15
Heating, Air Conditioning, Refrigeration Mechanics	479	8	74	275	56	53	5	0	1	4	3
Millwrights	588	405	154	3	17	1	2	2	0	1	3
Supervisors, Construction Occupations	726	23	543	11	24	1	13	8	6	10	87
Carpenters	2,851	606	1,896	50	81	48	24	1	29	73	43
Electricians	1,445	850	504	5	25	4	26	0	1	4	26
Plumbers, Pipefitters, Steamfitters	1,536	701	749	14	32	14	1	1	1	3	20
Roofers	135	9	107	0	2	12	0	0	2	3	0

TABLE 30. -- (Continued)

OCCUPATION	TOTAL FOR ALL IND	MANUFACT	CONSTRUCTION	RETAIL	SERVICES	WHOLESALE	TRANS AND PUB UTIL	AGRIC FISH AND FOR	FIN INS AND REAL	MINING AND OTHER	PUBLIC SECTOR
PRECISION CRAFT AND REPAIR (continued)											
Structural Metal Workers	355	32	240	2	6	6	0	0	0	1	68
Boilermakers	88	2	82	0	4	0	0	0	0	0	0
Lay-out Workers	664	664	0	0	0	0	0	0	0	0	0
Water and Sewage Treatment Plant Ops.	137	10	0	0	3	0	14	0	0	0	110
MACH. OPERATORS, ASSEMBLERS, INSPECTORS	14,157	12,715	361	213	318	290	84	18	69	44	45
Metal and Plastic Lathe Operators	91	90	1	0	0	0	0	0	0	0	0
Grinding and Buffing Machine Operators	249	236	2	2	1	7	0	0	1	0	0
Wood Lathe, Routing and Planing Operators	103	99	0	4	0	0	0	0	0	0	0
Sawing Machine Operators	397	360	2	23	2	4	2	1	0	3	0
Printing Machine Operators	150	130	0	0	7	5	0	0	4	0	4
Winding and Twisting Machine Operators	281	264	0	0	0	0	0	0	17	0	0
Textile Sewing Machine Operators	179	166	0	5	1	1	0	0	3	1	2
Shoe Machine Operators	1,743	1,723	1	16	0	0	1	1	0	1	0
Miscellaneous Textile Machine Operators	341	318	0	1	2	0	0	0	20	0	0
Paint Spraying Machine Operators	641	571	32	6	16	2	4	1	5	3	1
Furnace, Kiln, Oven Operators	182	153	5	1	7	3	5	0	0	0	8
Slicing and Cutting Machine Operators	254	232	0	1	3	14	2	0	1	0	1
Welders and Cutters	1,741	1,362	266	1	39	38	14	0	0	16	5
Assemblers	728	599	16	28	21	57	1	0	2	2	2
Miscellaneous Hand Working Occupations	246	219	0	12	6	7	1	0	0	0	1
Production Inspectors	394	338	1	34	11	5	1	0	0	1	3
TRANSPORTATION AND MATERIAL MOVING OCCUPS.	5,160	1,203	554	577	204	811	1,124	72	8	66	541
Truck Drivers	3,051	412	249	447	141	577	968	45	1	50	161
Bus Drivers	250	0	0	1	16	1	45	1	3	0	183
Crane Operators	100	34	33	1	3	3	13	6	0	0	7
Excavating and Loading Machine Operators	173	24	82	2	0	1	15	6	0	3	40
Industrial Truck and Tractor Operators (Forklifts, Skiadders)	470	336	6	51	3	49	11	4	2	2	6

TABLE 30. -- (Continued)

<u>OCCUPATION</u>	<u>TOTAL FOR ALL IND</u>	<u>MANUFACT</u>	<u>CONSTRUCTION</u>	<u>RETAIL</u>	<u>SERVICES</u>	<u>WHOLESALE</u>	<u>TRANS AND PUB UTIL</u>	<u>AGRIC FISH AND FOR</u>	<u>FIN INS AND REAL</u>	<u>MINING AND OTHER</u>	<u>PUBLIC SECTOR</u>
HANDLERS, CLEANERS, HELPERS	12,334	4,019	2,727	2,459	441	1,324	531	183	43	136	471
Helpers, Construction Trades	628	20	574	8	7	2	3	0	2	10	2
Construction Laborers	2,317	103	1,914	14	32	8	10	10	11	35	180
Stock Handlers and Baggers	1,282	28	3	1,181	6	50	3	1	2	4	4
Machine Feeders and Offbearers	209	183	0	13	3	6	0	2	2	0	0
Hand Packers	443	295	0	65	4	47	4	24	1	3	0
Laborers, except Construction	5,145	2,385	135	715	248	1,011	203	127	15	58	248
STATE MILITARY OCCUPATIONS	6	0	0	0	0	0	0	0	0	0	6
OCCUPATION NOT REPORTED	354	127	64	45	46	19	10	9	4	10	20

TABLE 31. — OCCUPATION OF INJURED OR ILL WORKER,
NUMBER OF CASES, BY SELECTED MANUFACTURING INDUSTRIES,
STATE OF MAINE 1989

OCCUPATION	TOTAL	PAPER	LUMBER WOOD	TRANS. EQUIP.	FOOD	LEATHER	TEXTILES	ELECTRIC ELECTRONIC EQUIPMENT	FABRIC. ¹ METAL	MACHINERY EXCEPT ELECTRICAL	RUBBER AND PLASTIC	OTHER MFG.
TOTAL, ALL OCCUPATIONS	28,624	4,877	3,617	7,115	2,120	2,949	1,430	1,001	993	925	1,058	2,539
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	269	32	28	90	19	16	3	11	8	12	6	44
Managers and Administrators, NEC	118	15	18	22	6	10	2	2	3	7	6	27
Management Related Occupations (e.g., Accountants, Buyers, Personnel Officers)	145	14	9	67	13	6	1	9	5	5	0	16
SALES	120	0	3	3	32	12	2	1	1	1	2	63
Supervisors, Sales Occupations	28	0	1	0	10	4	01	0	0	1	0	12
Sales Workers	83	0	2	3	18	8	2	0	1	0	2	47
ADMINISTRATIVE SUPPORT	713	117	40	77	75	75	23	25	39	33	28	181
Secretaries	32	9	3	4	2	1	1	1	1	1	1	8
Bookkeepers, Accounting Clerks	34	7	2	2	2	1	2	3	1	1	4	9
Shipping and Receiving Clerks	204	23	15	15	43	26	8	8	17	4	6	39
Stock and Inventory Clerks	107	33	3	15	4	5	2	2	12	18*	4	9
PRECISION CRAFT AND REPAIR	8,109	1,482	510	4,023	378	194	170	335	254	286	124	353
Supervisors, Mechanics and Repairers	148	51	20	41	7	2	4	8	2	3	1	9
Auto Mechanics	7	1	3	0	0	1	0	0	0	1	0	1
Bus and Truck Mechanics	59	10	14	10	12	0	2	0	0	2	0	9
Industrial Machinery Repairers	998	378	63	279	45	38	57	39	12	15	36	36
Machinery Maintenance Occupations	255	124	12	27	21	9	17	13	8	6	10	8
Heating, Air Conditioning, Refrigeration Mechanics	8	0	0	0	4	0	0	0	2	1	0	1
Millwrights	405	332	37	1	6	8	10	1	1	5	0	4
Carpenters	606	11	100	451	7	7	4	0	5	4	3	14
Electricians	850	137	12	671	3	3	7	4	1	2	3	7
Plumbers, Pipefitters, Steamfitters	701	122	12	537	0	7	3	1	19	0	0	0
Supervisors, Production Occupations	653	113	106	25	73	67	53	32	34	19	55	76
Lay-out Workers	664	0	0	660	0	0	0	1	3	0	0	0

TABLE 31. -- (Continued)

OCCUPATION	TOTAL	PAPER	LUMBER WOOD	TRANS. EQUIP.	FOOD	LEATHER	TEXTILES	ELECTRIC ELECTRONIC EQUIPMENT	FABRIC. ¹ METAL	MACHINERY EXCEPT ELECTRICAL	RUBBER AND PLASTIC	OTHER MFG.
MACHINE OPERATORS, ASSEMBLERS, INSPECTORS	12,715	2,247	1,369	2,280	426	2,249	95401	499	511	502	726	952
Metal and Plastic Lathe Operators	90	1	16	22	0	0	0	8	17	18	3	5
Grinding and Buffing Machine Operators	236	6	21	97	0	2	0	6	28	42	8	26
Wood Lathe, Routing and Planing Operators	99	2	81	3	0	3	0	0	0	1	0	9
Sawing Machine Operators	360	27	321	0	0	0	0	00	0	00	00	6
Printing Machine Operators	130	2	1	0	0	1	3	0	0	0	1	122
Winding and Twisting Machine Operators	264	42	0	3	0	1	215	1	0	0	0	2
Textile Sewing Machine Operators	166	1	0	3	0	17	28	0	0	0	0	117
Shoe Machine Operators	1,723	3	0	0	0	1,532	0	0	0	082	182	6
Miscellaneous Textile Machine Operators	318	6	2	3	08	485	235	0	0	1	03	23
Paint Spraying Machine Operators	571	39	16	447	1	11	2	5	13	7	21	9
Furnace, Kiln, Oven Operators	153	45	52	6	8	17	6	2	1	1	0	15
Slicing and Cutting Machine Operators	232	39	30	1	21	48	22	2	7	6	27	29
Welders and Cutters	1,362	23	11	904	9	0	1	37	135	155	11	46
Assemblers	599	3	77	169	9	13	6	95	53	75	34	65
Miscellaneous Hand Working Occupations	219	1	4	2	3	180	4	1	1	0	8	15
Production Inspectors	338	43	14	56	13	68	16	54	7	7	32	28
TRANSPORTATION AND MATERIAL MOVING	1,203	205	339	45	279	46	40	13	20	11	23	182
Truck Drivers	412	51	83	17	77	8	22	7	13	4	3	127
Industrial Truck and Tractor Operators (Forklifts, Skidders)	336	71	163	10	31	21	8	2	2	4	7	17
HANDLERS, CLEANERS, HELPERS	4,019	620	70614	364	802	311	201	70	132	51	128	634
Machine Feeders and Offbearers	183	39	93	0	7	9	17	4	0	1	5	8
Hand Packers	295	15	20	1	177	27	6	3	3	1	14	28
Laborers, except Construction	2,385	337	371	316	413	237	76	30	76	31	653	433
NOT REPORTED	127	15	22	30	11	11	0	3	8	4	2	21

TABLE 32. - DURATION OF EMPLOYMENT OF INJURED OR ILL WORKERS,
NUMBER AND CUMULATIVE PERCENT, ALL, DISABLING, AND FATAL REPORTS
STATE OF MAINE 1989

	ALL REPORTS		DISABLING REPORTS		FATAL REPORTS	
	Number	Cumulative Percent	Number	Cumulative Percent	Number	Cumulative Percent
Total Reports	80,349	100.0	26,006	100.0	53	100.0
Missing Length of Service	5,821	7.2	2,290	8.8	3	5.7
Total with Length of Service	74,528	92.8	23,716	91.2	50	94.3
<u>Length of Service</u>						
Up to 1st Month	6,671	8.3	1,809	7.0	8	15.1
1st Month up to 2nd Month	4,465	13.9	1,610	13.1	0	15.1
2nd Month up to 3rd Month	3,491	18.2	1,290	18.1	0	15.1
3rd Month up to 4th Month	2,872	21.8	1,026	22.1	3	20.8
4th Month up to 5th Month	2,344	24.7	860	25.4	2	24.5
5th Month up to 6th Month	2,014	27.2	739	28.2	0	24.5
6th Month up to 7th Month	1,847	29.5	644	30.7	1	26.4
7th Month up to 8th Month	1,697	31.6	614	33.0	3	32.1
8th Month up to 9th Month	1,579	33.6	549	35.1	0	32.1
9th Month up to 10th Month	1,533	35.5	553	37.2	1	34.0
10th Month up to 11th Month	1,309	37.1	433	38.9	1	35.8
11th Month up to 1 Year	1,283	38.7	441	40.6	0	35.8
1st Year up to 2nd Year	11,331	52.8	3,752	55.1	1	37.7
2nd Year up to 3rd Year	6,399	60.8	2,023	62.8	2	41.5
3rd Year up to 4th Year	4,063	65.8	1,294	67.8	3	47.2
4th Year up to 5th Year	2,791	69.3	863	71.1	4	54.7
5th Year up to 6th Year	2,186	72.0	673	73.7	1	56.6
6th Year up to 7th Year	1,557	74.0	460	75.5	2	60.4
7th Year up to 8th Year	1,524	75.9	423	77.1	1	62.3
8th Year up to 9th Year	1,481	77.7	412	78.7	2	66.3
9th Year up to 10th Year	1,512	79.6	403	80.3	1	67.9
10th Year up to 15th Year	5,066	85.9	1,357	85.5	3	73.6
15th Year up to 20th Year	2,719	89.3	709	88.2	3	79.2
20th Year up to 25th Year	1,533	91.2	449	89.9	4	86.8
25th Year up to 30th Year	600	91.9	167	90.6	1	88.7
30th Year up to 35th Year	391	92.4	96	90.9	2	92.5
35th Year up to 40th Year	187	92.7	50	91.1	1	94.3
40th Year up to 60th Year	82	92.8	17	91.2	0	94.3
60th Year and Over	1	92.8	0	91.2	0	94.3

TABLE 33. -- OCCUPATIONAL ILLNESS: INDUSTRY BY NATURE OF ILLNESS, STATE OF MAINE 1989

INDUSTRY	TOTAL	INFECTIVE OR PARASITIC DISEASES	DERMATITIS	INFLAMMATION OF JOINTS, ETC.	POISONING, SYSTEMIC	RADIATION EFFECTS	CONDITIONS OF NERVOUS SYSTEM	CONDITIONS OF RESPIRATORY SYSTEM PNEUMOCONIOSIS	HEART CONDITIONS	ALL OTHER DISEASES
TOTAL, ALL INDUSTRIES	8,933	172	1,090	2,905	502	401	542	208	108	3,005
TOTAL, PRIVATE SECTOR	8,128	152	970	2,783	392	388	501	197	84	2,661
AGRIC., FORESTRY, FISHING	93	4	26	21	7	2	7	2	1	23
CONSTRUCTION	652	5	93	116	63	86	41	15	6	227
MANUFACTURING	4,240	29	544	1,631	193	253	186	124	31	1,249
FOOD AND KINDRED PRODUCTS	282	2	49	129	10	4	20	1	2	65
TEXTILE MILL PRODUCTS	136	0	17	72	1	0	5	1	4	36
APPAREL AND OTHER TEXTILE	88	0	4	51	0	0	7	2	1	23
LUMBER AND WOOD, EXC. FURN.	302	3	37	134	7	4	17	7	4	89
FURNITURE AND FIXTURES	69	0	3	40	1	1	3	1	0	20
PAPER AND ALLIED PRODUCTS	649	8	78	156	46	15	18	29	11	288
PRINTING AND PUBLISHING	66	0	5	42	2	0	5	0	1	11
RUBBER AND MISC. PLASTIC	185	0	31	79	3	1	10	2	2	57
LEATHER AND LEATHER PRODS.	760	4	134	390	11	0	35	8	1	177
FABRICATED METAL PRODUCTS	133	2	14	27	5	49	10	2	1	23
MACHINERY, EX. ELECTRICAL	143	2	12	61	5	29	1	4	0	29
ELECTRICAL AND ELECTRON. EQ.	252	0	19	142	6	1	23	4	0	57
TRANSPORTATION EQUIPMENT	1,042	7	115	263	92	142	18	62	4	339
OTHER MANUFACTURING IND.	133	1	26	45	4	7	14	1	0	35
TRANSPORTATION AND PUB. UTIL.	231	2	22	38	11	12	16	4	10	116
WHOLESALE TRADE	322	2	26	117	10	14	27	2	7	117
RETAIL TRADE	1,051	9	91	413	42	4	104	13	8	367
FINANCE, INS., AND REAL EST.	289	1	16	146	5	0	37	3	5	76
SERVICES	1,191	98	146	284	56	14	79	34	16	464
MINING AND OTHER	59	2	6	17	5	3	4	0	0	22
TOTAL, PUBLIC SECTOR	805	20	120	122	110	13	41	11	24	344
STATE GOVERNMENT	269	13	41	48	16	5	16	6	6	118
LOCAL GOVERNMENT	536	7	79	74	94	8	25	5	18	226

TABLE 34. -- NATURE OF INJURY OR ILLNESS BY PART OF BODY AFFECTED
ALL WORKERS, STATE OF MAINE 1989

NATURE OF INJURY OR ILLNESS	PART OF BODY AFFECTED										
	TOTAL	EYES	HEAD, NECK	FINGERS	UPPER EXTREMITIES ¹	BACK	TRUNK ²	LOWER EXTREMITIES	MULTIPLE BODY PARTS	SYSTEM	NONCLASS
TOTAL	80,349	6,667	5,156	12,207	14,226	13,318	8,414	12,671	4,484	1,812	1,394
AMPUTATION OR ENUCLEATION	61	1	1	53	1	0	0	4	1	0	0
HEAT BURN	1,821	122	132	212	870	19	82	210	162	1	11
CHEMICAL BURN	1,166	804	74	28	92	7	15	75	66	2	3
INFECTIVE OR PARASITIC DISEASES	172	8	24	3	14	1	5	3	45	34	35
CONTUSION, CRUSHING, BRUISE	12,594	114	811	1,816	2,564	698	1,660	3,719	1,180	0	32
CUT, LACERATION, PUNCTURE	14,543	542	1,294	7,862	3,070	27	116	1,533	69	1	29
DERMATITIS	1,090	18	90	76	477	13	22	75	264	0	55
DISLOCATION	886	1	17	66	23	597	139	42	0	0	1
FRACTURE	2,429	0	337	658	406	30	253	703	38	0	4
HERNIA, RUPTURE	388	0	0	0	0	0	388	0	0	0	0
INFLAMMATION OF JOINTS, ETC.	2,905	0	25	128	1,793	93	415	234	203	0	14
RADIATION EFFECTS	401	347	7	1	7	1	7	3	26	1	1
SCRATCHES, ABRASIONS	5,411	4,437	152	115	309	34	54	241	65	0	4
SPRAINS, STRAINS	26,454	5	1,117	774	3,193	10,884	4,429	4,661	1,328	1	62
MULTIPLE INJURIES	782	9	45	44	54	11	24	90	498	4	3
SYMPTOMS AND ILL-DEFINED CONDS.	2,211	39	189	96	428	259	315	306	154	383	42
OTHER AND NONCLASSIFIABLE	7,035	220	841	275	925	644	490	772	385	1,385	1,098

1. Excluding Fingers

2. Excluding Back

TABLE 35. -- NATURE OF INJURY OR ILLNESS BY TYPE OF ACCIDENT AND EXPOSURE
ALL WORKERS, STATE OF MAINE 1989

NATURE OF INJURY OR ILLNESS	TYPE OF ACCIDENT OR EXPOSURE										OTHER AND NONCLASS
	TOTAL	STRUCK BY OR AGAINST	FALL	CAUGHT IN OR BETWEEN	RUBBED OR ABRADED	BODILY REACTION	OVER- EXERTION	CONTACT W/ TEMP. EXT.	CONTACT W/ RAD., ETC.	MOT. VEH. ACCIDENT	
TOTAL	80,349	25,401	10,298	2,493	5,282	3,332	22,343	1,937	4,218	900	4,145
AMPUTATION OR ENUCLEATION	61	39	1	20	0	0	0	0	0	0	1
HEAT BURN	1,821	0	1	0	0	0	0	1,763	1	0	56
CHEMICAL BURN	1,166	0	0	0	0	0	0	0	1,155	0	11
CONCUSSION	181	98	60	0	0	0	0	0	0	19	4
INFECTIVE OR PARASITIC DISEASES	172	4	1	0	0	0	0	0	167	0	0
CONTUSION, CRUSHING, BRUISE	12,594	7,107	3,874	1,161	51	0	89	0	1	132	179
CUT, LACERATION, PUNCTURE	14,543	12,428	542	531	515	1	35	2	1	47	441
DERMATITIS	1,090	0	0	0	0	0	3	6	1,075	0	6
DISLOCATION	886	61	106	14	9	81	570	0	0	10	35
FRACTURE	2,429	1,257	755	223	1	41	44	2	0	52	54
HERNIA, RUPTURE	388	4	5	0	0	4	361	0	0	0	14
INFLAMMATION OF JOINTS, ETC.	2,905	3	1	0	129	64	2,583	3	1	5	116
SYSTEMIC POISONING	502	0	0	0	0	0	0	0	502	0	0
SCRATCHES, ABRASIONS	5,411	745	192	39	4,253	0	0	1	0	3	178
SPRAINS, STRAINS	26,454	1,893	3,105	252	186	2,933	17,173	2	0	364	546
MULTIPLE INJURIES	782	179	343	38	4	1	23	0	14	107	73
SYMPTOMS AND ILL-DEFINED CONDS.	2,211	197	169	27	62	61	402	8	312	19	954
RADIATION EFFECTS	401	0	0	0	0	0	0	0	400	0	1
OTHER AND NONCLASSIFIABLE	6,352	1,386	1,143	188	72	146	1,060	150	589	142	1,476

TABLE 36. -- SOURCE OF INJURY OR ILLNESS BY NATURE OF INJURY OR ILLNESS
ALL WORKERS, STATE OF MAINE 1989

NATURE OF INJURY OR ILLNESS

SOURCE OF INJURY OR ILLNESS	TOTAL	AMPUTATIONS	HEAT BURNS	CHEM. BURNS	CONTUSIONS, BRUISES	CUTS, LACERATIONS	FRACTURES	SCRATCHES, ABRASIONS	SPRAINS, STRAINS	ALL OCC. DISEASES	OTHER AND NONCLASS.
TOTAL	80,349	61	1,821	1,163	12,596	14,543	2,429	5,414	26,452	8,933	6,937
BODILY MOTION	3,329	0	0	0	2	1	41	0	2,928	159	198
BOILERS, PRESSURE VESSELS	587	0	34	0	98	40	27	4	307	17	60
BOXES, BARRELS, CONTAINERS	7,684	1	93	0	919	742	128	52	4,865	315	569
BUILDINGS AND STRUCTURES	2,580	2	1	0	986	402	97	58	723	56	255
CHEMICALS, CHEMICAL COMPOUNDS	2,095	0	40	1,006	1	4	0	79	2	891	72
CLOTHING	320	1	1	0	19	37	3	26	111	107	15
ELECTRIC APPARATUS	737	1	28	0	110	106	18	15	318	22	119
FOOD PRODUCTS	533	0	331	2	5	18	15	14	57	83	8
FURNITURE, FIXTURES, ETC.	2,818	1	5	0	905	464	83	56	1,004	64	236
GLASS ITEMS, OTHER	581	0	4	0	6	359	0	151	32	27	2
HAND TOOLS, NOT POWERED	6,573	1	11	0	530	4,102	165	48	1,134	389	193
HAND TOOLS, POWERED	1,521	7	33	0	123	575	64	33	496	109	81
HOISTING APPARATUS	412	0	0	0	156	61	33	5	103	13	41
MACHINES	4,684	33	55	0	867	1,757	156	88	809	603	316
METAL ITEMS	8,750	4	320	0	1,204	3,172	265	1,627	1,602	130	426
MINERAL ITEMS, NONMETALLIC, OTH.	987	2	3	0	116	69	22	489	192	34	60
UNIDENTIFIED PARTICLES	1,332	0	1	0	0	66	0	1,224	1	34	6
PLANTS, TREES, VEGETATION	712	0	0	0	119	103	53	87	105	126	119
VEHICLES	4,679	6	13	0	1,393	500	237	57	1,667	146	660
WOOD ITEMS	3,288	1	3	0	632	695	130	459	1,010	113	245
WORKING SURFACES	9,281	0	0	0	3,183	259	677	151	3,253	321	1,437
PERSON	4,158	0	0	0	468	158	58	176	2,290	683	325
OTHER AND NONCLASSIFIABLE	12,708	1	845	155	754	853	157	515	3,443	4,491	1,494

TABLE 37. -- SOURCE OF INJURY OR ILLNESS BY TYPE OF ACCIDENT OR EXPOSURE
ALL WORKERS, STATE OF MAINE 1989

SOURCE OF INJURY OR ILLNESS	TOTAL	TYPE OF ACCIDENT OR EXPOSURE									OTHER AND NONCLASS
		STRUCK BY OR AGAINST	FALL	CAUGHT IN OR BETWEEN	RUBBED OR ABRADED	BODILY REACTION	OVER- EXERTION	CONTACT W/ TEMP. EXT.	CONTACT W/ RAD. ETC.	MOT. VEH. ACCIDENTS	
TOTAL	80,349	25,401	10,298	2,493	5,282	3,332	22,343	1,937	4,218	900	4,145
BODILY MOTION	3,329	0	0	0	0	3,329	0	0	0	0	0
BOILERS, PRESSURE VESSELS	587	212	11	13	1	0	306	34	0	0	10
BOXES, BARRELS, CONTAINERS	7,684	1,863	142	194	51		5,327	94	0	0	13
BUILDINGS AND STRUCTURES	2,580	1,525	268	198	11	0	569	1	1	0	7
CHEMICALS, CHEMICAL COMPOUNDS	2,095	6	1	0	79	0	1	41	1,946	0	21
CLOTHING	320	47	6	17	39	0	168	2	29	0	12
ELECTRIC APPARATUS	737	248	13	30	7	0	317	7	2	0	113
FOOD PRODUCTS	533	32	0	0	22	0	78	334	55	0	12
FURNITURE, FIXTURES, ETC.	2,818	1,459	224	126	47	0	931	5	1	0	25
GLASS ITEMS, OTHER	581	312	10	0	189	0	33	4	19	0	14
HAND TOOLS, NOT POWERED	6,573	4,857	24	81	36	0	1,554	12	2	0	7
HAND TOOLS, POWERED	1,521	781	13	36	10	0	624	30	0	0	27
HOISTING APPARATUS	412	206	17	88	4	0	88	0	0	0	9
MACHINES	4,684	2,490	144	585	30	0	1,284	53	1	0	97
METAL ITEMS	8,750	4,643	230	256	1,705	0	1,548	327	6	0	35
MINERAL ITEMS, NONMETALLIC	987	277	52	29	490	1	105	3	26	0	4
UNIDENTIFIED PARTICLES	1,332	36	0	0	1,259	0	0	0	24	0	13
PLANTS, TREES, VEGETATION	712	468	26	8	10	0	82	0	115	0	3
VEHICLES	4,679	1,736	295	386	59	0	1,126	13	1	898	165
WOOD ITEMS	3,288	1,512	114	154	498	0	9,641	3	26	2	15
WORKING SURFACES	9,281	378	8,489	43	309	0	43	1	0	0	18
PERSON	3,437	782	3	14	1	0	2,182	0	0	0	455
OTHER AND NONCLASSIFIABLE	13,429	1,531	216	235	425	2	5,013	973	1,964	0	3,070

TABLE 38. -- ASSOCIATED OBJECT OR SUBSTANCE BY TYPE OF ACCIDENT OR EXPOSURE
ALL WORKERS, STATE OF MAINE 1989

ASSOCIATED OBJECT OR SUBSTANCE	TOTAL	TYPE OF ACCIDENT OR EXPOSURE									
		STRUCK BY OR AGAINST	FALL	CAUGHT IN OR BETWEEN	RUBBED OR ABRADED	BODILY REACTION	OVER- EXERTION	CONTACT W/ TEMP. EXT.	CONTACT W/ RAD., ETC.	MOT. VEH. ACCIDENTS	OTHER AND NONCLASS.
TOTAL	80,349	25,401	10,298	2,493	5,282	3,332	22,343	1,937	4,218	900	4,145
ANIMALS, INSECTS, ETC.	484	24	13	6	8	0	14	0	248	0	171
BODILY MOTION	2,258	79	227	1	3	1,850	95	2	0	0	1
BOILERS, PRESSURE VESSELS	879	247	70	16	65	5	284	112	62	0	18
BOXES, BARRELS, CONTAINERS	7,864	1,842	303	191	105	13	5,197	154	36	0	23
BUILDINGS AND STRUCTURES	2,608	1,523	259	186	96	14	517	5	2	0	6
CHEMICALS, CHEMICAL COMPOUNDS	1,807	8	0	0	35	1	2	29	1,721	0	11
ELECTRIC APPARATUS	847	245	76	29	16	3	308	19	26	0	125
FURNITURE, FIXTURES, ETC.	3,312	1,614	492	119	95	33	907	13	8	0	31
GLASS ITEMS, OTHER	393	225	3	0	109	0	32	3	20	0	1
HAND TOOLS, NOT POWERED	7,263	5,234	107	83	263	3	1,497	35	29	0	12
HAND TOOLS, POWERED	3,585	1,173	30	36	1,052	2	607	251	391	0	43
HEATING EQUIPMENT, OTHER	493	94	4	2	26	0	99	236	9	0	23
HOISTING APPARATUS	526	256	50	97	16	1	94	1	1	0	10
LADDERS	948	159	576	16	13	32	149	1	0	0	2
MACHINES	5,503	2,801	164	561	406	22	1,291	92	54	0	112
METAL ITEMS	5,679	3,133	164	244	438	2	1,501	168	20	0	9
MINERAL ITEMS, NONMETALLIC	521	185	39	21	142	3	105	0	23	0	3
UNIDENTIFIED PARTICLES	15	1	0	0	3	0	0	0	11	0	0
PLANTS, TREES, VEGETATION	683	442	32	8	10	1	75	0	114	0	1
VEHICLES	5,619	1,928	750	387	307	30	1,075	32	27	900	183
WOOD ITEMS	2,799	1,290	170	146	212	10	936	2	28	0	5
PERSON	3,749	856	204	23	1	3	2,172	2	19	0	469
WORKING SURFACES	8,511	623	5,769	51	310	1,257	443	32	6	0	20
OTHER AND NONCLASSIFIABLE	14,003	1,419	796	270	1,551	47	4,943	748	1,363	0	2,866

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	In most cases, the SIC assigned by B.E.S. is used. In cases where the employer is not covered by Unemployment Insurance, an SIC is assigned by the Research and Statistics Division based on the information on the First Report. 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
TECHNICAL NOTES
(continued)

<u>DATA ELEMENT</u>	<u>SOURCE</u>	<u>DEFINITION</u>
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.

<u>TITLE</u>	<u>PUBLISHED</u>
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 1989

The following is a listing of the 53 fatalities received by the Workers' Compensation Commission for the year 1989. 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>
-----------------	-------------	-------------------	------------	------------	--------------

AGRICULTURE, FORESTRY, AND FISHING

	02-14	Florist Delivery	18	M	Auto Accident
--	-------	------------------	----	---	---------------

CONSTRUCTION

	01-25	Laborer	32	M	Fall from Staging
	02-21	Corporate Officer	34	M	Tire Explosion
	03-30	President	52	M	Auto Accident
	05-15	Electrical Lineman	30	M	Electrocution
	05-25	Carpenter	59	M	Heart Attack
	09-25	Roofer	32	M	Fell through Roof
	10-12	Laborer	23	M	Crushed by Counterweight
	10-16	Truck Driver	54	M	Auto Accident
	10-26	Laborer	35	M	Fume Inhalation
	12-04	Highway Foreman	40	M	Truck Struck by Train

MANUFACTURING

	01-08	Logger	53	M	Struck by Tree
	01-05	Logger	50	M	Struck by Tree
	01-06	Welder	51	M	Heart Attack
	01-16	Logger	57	M	Struck by Tree
	03-08	Stagebuilder	28	M	Struck by Radar Cover
	03-25	Boat Builder	56	M	Heart Attack
	04-03	Welder	75	M	Asbestosis
	05-17	Engineer	40	M	Auto Accident
	07-20	Manager	33	M	Heart Attack
	07-23	Janitor	56	M	Heart Attack
	08-28	Bakery Helper	40	M	Heart Attack
	08-30	Material Trucker	44	M	Heart Attack
	09-08	Logger	20	M	Struck by Tree
	09-09	Director	60	M	Myocardial Infarction
	09-12	Shipper	56	M	Struck by Tractor-Trailer
	10-30	Logger	57	M	Struck by Tree
	11-10	Receiver	29	M	Struck by Load of Lumber
	11-21	Corrugator Operator	43	M	Heart Attack
	11-22	Quality Control	28	M	Auto Accident
	12-07	Groundwood Tester	34	M	Chemical Exposure

TRANSPORTATION AND PUBLIC UTILITIES

	02-10	Customer Service	60	M	Heart Attack
	03-02	Truck Driver	39	M	Heart Attack
	07-18	Truck Driver	55	M	Heart Attack

APPENDIX C
LISTING OF INDIVIDUALITY FATALITY REPORTS FOR 1989
(continued)

<u>INDUSTRY</u>	<u>DATE</u>	<u>OCCUPATION</u>	<u>AGE</u>	<u>SEX</u>	<u>EVENT</u>
<u>WHOLESALE</u>					
	04-23	Salesman	50	M	Heart Attack
	12-04	Clerk	37	M	Aneurysm
<u>RETAIL</u>					
	09-19	Payroll Clerk	50	M	Heart Attack
<u>FINANCE, INSURANCE, AND REAL ESTATE</u>					
	01-09	Sales Assistant	33	F	Shot to Death
	09-25	Owner	44	M	Heart Attack
<u>SERVICES</u>					
	01-12	Commercial Diver	29	M	Drowned
	01-12	Commercial Diver	30	M	Drowned
	05-02	Office Administrator	60	M	Heart Attack
	09-22	Cert. Nurses Ass't.	31	F	Heart Attack
<u>GOVERNMENT</u>					
	01-10	Laborer	59	M	Unknown
	02-13	Park Foreman	63	M	Heart Attack
	02-27	Firefighter	54	M	Heart Attack
	03-06	Firefighter	51	M	Crushed by Fire Truck
	03-31	State Trooper	36	M	Shot to Death
	08-11	Air Ambulance	40	M	Cerebral Hemorrhage
	09-16	Dump Attendant	71	M	Struck by Tractor
	10-13	Detective	57	M	Heart Attack
	10-16	Police Officer	30	M	Unknown
	11-06	Selectman	67	M	Heart Attack

APPENDIX D

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

- ...provides you 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 you 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 your establishment specified by you.

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 you to explain the procedures and to update you on OSHA activities. Next, the consultant will inspect your workplace and will note any violations of rules and potential hazards. You are encouraged, but not required, to have worker representatives participate.

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

Later, you will receive a written technical report covering the information given you 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 289-6460 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 289-6460 or call the Finance Authority of Maine at 289-FAME.

**APPENDIX E -
COMMENTS FORM**

Characteristics of Work-Related Injuries and Illnesses in Maine, 1989

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? _____

Additional comments: _____

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:
