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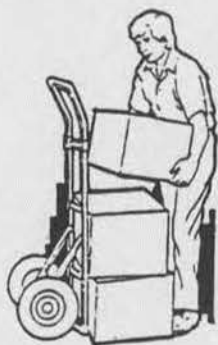


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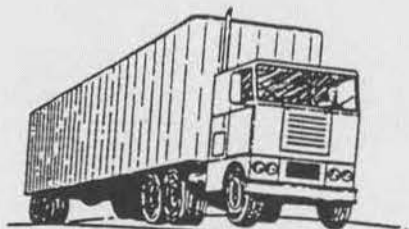


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**Characteristics of Work-Related
Injuries and Illnesses in Maine
1992**

BLS 671
October 1993

1992
Characteristics of Work-Related
Injuries and Illnesses in Maine

Prepared by:

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Maine Department of Labor
Bureau of Labor Standards
Research and Statistics Division

October 1993

In cooperation with

Maine Workers' Compensation Board

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Introduction

The data in this publication is the result of work performed by Census of Case Characteristics (CCC) workers of the Maine Department of Labor. This office is located at the Bureau of Labor Standards, Division of Research and Statistics. This was formerly the Supplementary Data System (SDS). The data in this publication is in cooperation with the Maine Workers' Compensation Board.

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 produced. More detailed tables for 1982, 1983, and 1985 through 1992 are available. Additionally, information may be generated for people with specific requests for data on work-related injuries; however, due to workload, our ability to handle such requests is limited. See Appendix B for ordering information. The federal SDS program ended in December 1991. The state is continuing it without federal assistance under the CCC program.

The goal of this publication is simplicity. It is our hope that everyone will be able to understand the data 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.

This publication has changed from previous years. In October of 1991, there was a change in the law for reporting an injury or illness to the Workers' Compensation Board. A First Report of Injury or Illness is to be submitted only when the employee lost time from work. This has had an effect in doing the statistics on this publication. In the past, most of the tables included All Cases, Disabling Cases, as well as Fatal Cases. Since non-disabling cases are no longer received, this publication will only contain the disabling cases. As defined by the OSHA guidelines, **a disabling case is when an employee loses one or more days of work beyond the day of the injury.** Many of the tables in this publication will show 1992 disabling cases with 1991 disabling cases, as a comparison. The information in this publication is gathered from reports received by the Workers' Compensation Board through June 11, 1993, for incidents occurring during calendar year 1992. Caution should be taken when comparing data in this publication with past publications, due to the change in the reporting criteria.

There were 19,161 disabling cases reported for 1992. Not since 1983 have there been so few disabling cases reported. There were 41 fatalities reported to the Workers' Compensation Board during this period. Fatality cases are listed only in the Appendix. A separate publication will be released in the fall of 1993 detailing the fatalities for 1992. You may contact this office to be put on the mailing list to receive this publication when it is released.

1992 Highlights

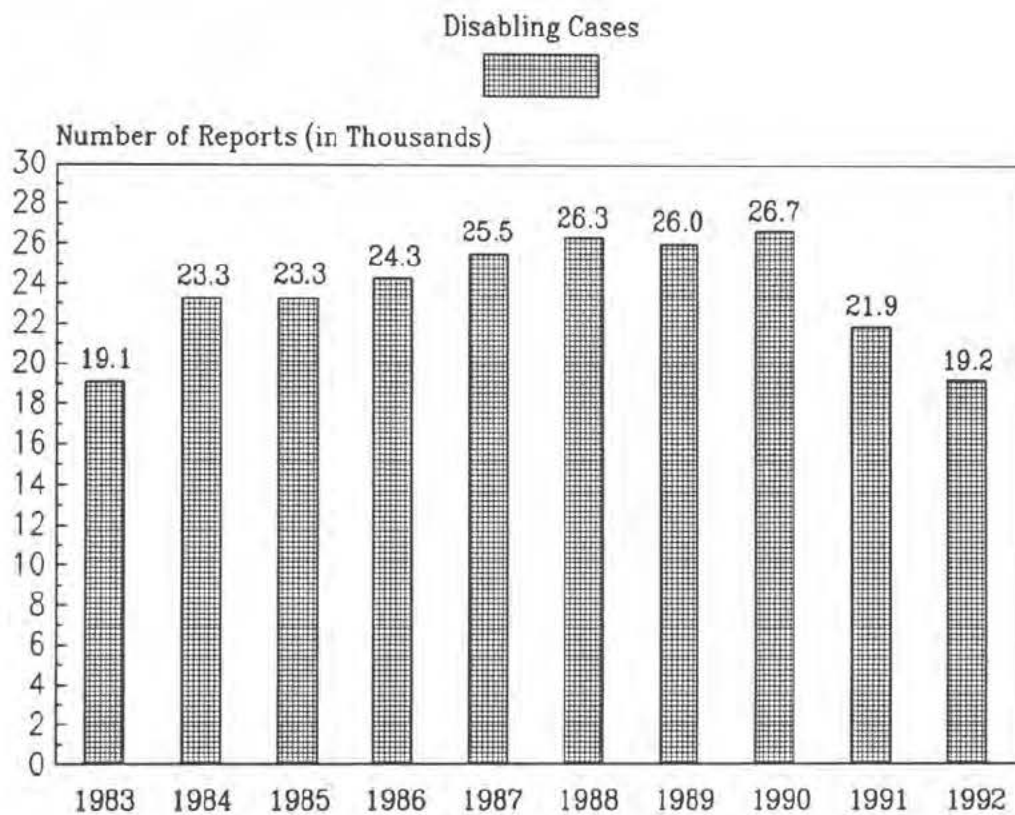
- * There were 19,161 disabling First Reports of Injury or Illness filed with the Workers' Compensation Board through June 11, 1993.
- * There were 41 reported fatalities.
- * Sprains and Strains accounted for 50.5 % of all disabling cases filed.
- * Injuries to the Back accounted for 28.8 % of all disabling claims.
- * The leading Source of Injury was Working Surface with 13.1 % of all disabling cases.
- * Overexertion accounted for 44.9 % of all disabling cases.
- * Male workers accounted for 63.4 % of all disabling injuries.
- * Over 32 % of disabling injuries and illnesses occurred in the 25-34 year old age group.
- * Service Workers as an occupational group reported 20.1 % of all disabling injuries and illnesses.
- * Manufacturing was the industry division with the largest percent of disabling reports filed, 26.9 %.
- * Nearly 41 % of all disabling reports were for workers with less than two years of employment with their current employer.
- * June, July August and September were the months with the highest incidence of injuries and illnesses.
- * There were 3,901 disabling injuries and illnesses reported on Monday, more than on any other day of the week.

Ten-Year Comparison

In 1992 there were 19,161 disabling First Reports submitted to the Workers' Compensation Board, a 12.6 % decrease from 1991. Not since 1983 have the number of disabling cases been so low with 19,140.

Figure 1.

Ten-Year Comparison
Number of Disabling Cases
Maine, 1983-1992



PART I

Characteristics of the Injured or Ill Worker

Sex

Disabling work-related injuries and illnesses for women have steadily increased over the last five years. They increased from 28.9 % in 1988 to 36.6 % in 1992, while men getting injured decreased from 71.1 % in 1988 to 63.4 % in 1992. One reason for this is that more women are entering the workforce every year.

Table 1.

Five-Year Comparison Disabling Cases, Number and Percent by Sex Maine, 1988-1992

Sex	Disabling Cases									
	1988		1989		1990		1991		1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	26,341	100.0	26,006	100.0	26,693	100.0	21,919	100.0	19,161	100.0
Male	18,730	71.1	18,240	70.1	17,780	66.6	14,081	64.2	12,141	63.4
Female	7,611	28.9	7,766	29.9	8,913	33.4	7,838	35.8	7,020	36.6

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) Service occupations; (2) Precision Production, Craft, or Repair occupations (including all mechanics, construction trades worker, precision metal worker, and plant and system operator); (3) Handlers, Equipment Cleaners, or Laborers (including trades helpers, machine feeders or offbearers, stock clerks, and packers); and (4) Machine Operators, Assemblers, or Inspectors.

Table 2. **Occupational Group**
Disabling Cases, Number and Percent
Maine, 1991-1992

Occupational Group	Disabling Cases			
	1991		1992	
	Number	Percent	Number	Percent
Total	21,919	100.0	19,161	100.0
Service Worker	4,112	18.8	3,845	20.1
Precision Production, Craft or Repair Occupation	4,214	19.2	3,294	17.2
Handler, Equipment Cleaner, or Laborer	3,016	13.8	2,822	14.7
Machine Operator, Assembler, or Inspector	3,535	16.1	2,283	11.9
Transportation or Material Moving Occupation	1,712	7.8	2,077	10.8
Administration Support-Clerical	1,282	5.8	1,073	5.6
Sales Occupation	803	3.7	882	4.6
Professional Specialty	778	3.5	699	3.6
Farming, Fishing, Forestry	761	3.5	692	3.6
Executive, Administrative or Managerial Occupation	623	2.8	570	3.0
Protective Service	607	2.8	539	2.8
Technician/Support Occupation	386	1.8	306	1.6
Other Occupation	3	0.0	5	0.0
Unknown Occupation	87	0.4	74	0.4

Age

Comparing age categories by percentages show lost time cases have been very consistent over the past five years. Workers in the 25-35 year age group have the highest percentage of injuries with 32.4 % of all disabling cases for 1992. Safety training for young workers and for students before entering the workforce has been a major focus of safety educators in recent years. Statistics continue to show that training of young workers should be a priority. Over 71 % of all injured workers are between the age 20 and 44. The percentage of disabling cases for the 16-19 age group has steadily decreased over the past five years. This may be at least partly due to the effects of safety education and training. As these young workers enter the workforce, there should be a gradual decline in injuries in the 20-24 year age group over the next few years.

Table 3. **Five-Year Comparison**
Disabling Cases, Number and Percent by Age Groups
Maine, 1988-1992

Age	Disabling Cases									
	1988		1989		1990		1991		1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	26,341	100.0	26,006	100.0	26,693	100.0	21,919	100.0	19,161	100.0
Under 16	78	0.3	77	0.3	44	0.2	20	0.1	22	0.1
16-19	2,072	7.9	2,027	7.8	1,437	5.4	933	4.3	591	3.1
20-24	4,739	18.0	4,545	17.5	4,206	15.8	3,107	14.2	2,592	13.5
25-34	8,900	33.8	8,657	33.3	9,076	34.0	7,326	33.4	6,201	32.4
35-44	5,239	19.9	5,394	20.7	5,999	22.5	5,447	24.9	4,851	25.3
45-54	2,929	11.1	3,072	11.8	3,629	13.6	3,058	14.0	2,981	15.6
55-64	1,710	6.5	1,654	6.4	1,810	6.8	1,580	7.2	1,446	7.5
65 and older	188	0.7	189	0.7	185	0.7	207	0.9	233	1.2
Unknown	486	1.8	391	1.5	307	1.2	241	1.1	244	1.3

Length of Service

Among those people filing a First Report of Occupational Injury or Illness in 1992, individuals in the Protective Service Occupations (including police and firefighters) worked the longest with their current employer averaging seven years and seven months of service. This is an increase in the average of seven years and five months in 1991. Executive, Administrative, and Managerial Occupations averaged six years and eleven months of service, a one month increase from 1991. On the other hand, Handler, Equipment Cleaner or Laborer occupations had spent a relatively short period of time working for their current employer before getting hurt, only two years and nine months average. This is a decrease from three years and one month in 1991. The average length of service for all occupations in 1992 was four years and eleven months, three months longer than the average for 1991.

Table 4. **Average Length of Service**
Disabling Cases by Occupational Group
Maine, 1991-1992

Occupational Group	Disabling Cases	
	1991	1992
	Average Length of Service (Years/Months)	Average Length of Service (Years/Months)
Protective Service	7/5	7/7
Executive, Administrative or Managerial Occupation	6/10	6/11
Professional Specialty	5/8	6/8
Precision Production, Craft or Repair Occupation	5/5	6/3
Machine Operator, Assembler or Inspector	5/6	5/10
Administrative Support-Clerical	5/3	5/8
Transportation or Material Moving Occupation	5/0	5/4
Technician/Support Occupation	4/7	5/1
Average All Occupations	4/8	4/11
Sales Occupation	3/11	3/9
Service Worker	3/3	3/6
Farming, Fishing, Forestry	2/6	3/6
Handler, Equipment Cleaner or Laborer	3/1	2/9

Duration of Employment

Table 5 shows how long an employee was working at his current employer when he was injured. Nearly 29 % of all workers who lost time in 1992 were injured within the first year of being hired; another 11.9 % were injured between the first and second year of being hired.

**Table 5. Duration of Employment of Injured or Ill Worker
Disabling Cases, Number
Cumulative Percent and Percent of Total
Maine, 1991-1992**

Length of Service	Disabling Cases					
	1991			1992		
	Number	Cumulative Percent	Percent of Total	Number	Cumulative Percent	Percent of Total
Total	21,919	100.0	100.0	19,161	100.0	100.0
Up to 1st Month	1,069	4.9	4.9	1,073	5.6	5.6
1st Month up to 2nd Month	881	8.9	4.0	838	10.0	4.4
2nd Month up to 3rd Month	688	12.0	3.1	662	13.4	3.5
3rd Month up to 4th Month	538	14.5	2.5	513	16.1	2.7
4th Month up to 5th Month	458	16.6	2.1	467	18.5	2.4
5th Month up to 6th Month	458	18.7	2.1	385	20.6	2.0
6th Month up to 7th Month	382	20.4	1.7	324	22.2	1.7
7th Month up to 8th Month	364	22.1	1.7	299	23.8	1.6
8th Month up to 9th Month	349	23.7	1.6	263	25.2	1.4
9th Month up to 10th Month	326	25.2	1.5	231	26.4	1.2
10th Month up to 11th Month	273	26.4	1.2	242	27.6	1.3
11th Month up to 1 Year	311	27.8	1.4	237	28.9	1.2
1st Year up to 2nd Year	3,426	43.4	15.6	2,277	40.8	11.9
2nd Year up to 3rd Year	2,601	55.3	11.9	1,947	50.9	10.2
3rd Year up to 4th Year	1,856	63.8	8.5	1,765	60.1	9.2
4th Year up to 5th Year	1,224	69.4	5.6	1,314	67.0	6.9
5th Year up to 6th Year	844	73.2	3.9	949	71.9	5.0
6th Year up to 7th Year	565	75.8	2.6	656	75.4	3.4
7th Year up to 8th Year	510	78.1	2.3	433	77.6	2.3
8th Year up to 9th Year	386	79.9	1.8	371	79.6	1.9
9th Year up to 10th Year	397	81.7	1.8	294	81.1	1.5
10th year up to 15th year	1,589	88.9	7.2	1,425	88.5	7.4
15th Year up to 20th Year	856	92.8	3.9	702	92.2	3.7
20th Year up to 25th Year	509	95.2	2.3	427	94.4	2.2
25th Year up to 30th Year	196	96.1	0.9	213	95.5	1.1
30th Year up to 35th Year	95	96.5	0.4	88	96.0	0.5
35th Year up to 40th Year	55	96.7	0.3	46	96.2	0.2
40th Year up to 60th Year	23	96.9	0.1	20	96.3	0.1
60 Year and Over	0	96.9	0.0	0	96.3	0.0
Missing Length of Service	690	100.0	3.1	700	100.0	3.7

PART II

Characteristics of the Employer

Ownership

Private employers filed 87.5 % of all disabling First Reports in 1992, while public employers filed 12.5 %. This is a decrease in the percent of disabling cases in private industry over the last five years from 91.0 % in 1988. The public sector increased from 9.0 % in 1988. This increase is due to the decrease in the private sector. 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 state and local government.

Table 6.

Five-Year Comparison of Ownership Disabling Cases, Number and Percent Maine, 1988-1992

	Disabling Case									
	1988		1989		1990		1991		1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Employers										
Total	26,341	100.0	26,006	100.0	26,693	100.0	21,919	100.0	19,161	100.0
Private Employers	23,976	91.0	23,489	90.3	23,745	89.0	19,238	87.8	16,763	87.5
Public Employers	2,365	9.0	2,517	9.7	2,948	11.0	2,681	12.2	2,398	12.5
Local Government	1,472	5.6	1,616	6.2	1,901	7.1	1,737	7.9	1,630	8.5
State Government	893	3.4	901	3.5	1,047	3.9	944	4.3	768	4.0

Manufacturing

The Transportation Equipment and Lumber and Wood industries had the highest percent of all Manufacturing disabling reports, 20.5 % and 16.2 %, respectively. The very physical nature of some jobs in the manufacturing industry combined with the use of hand tools and machinery make manufacturing the industry with highest number of disabling cases, accounting for nearly 27 % of all disabling cases filed in 1992.

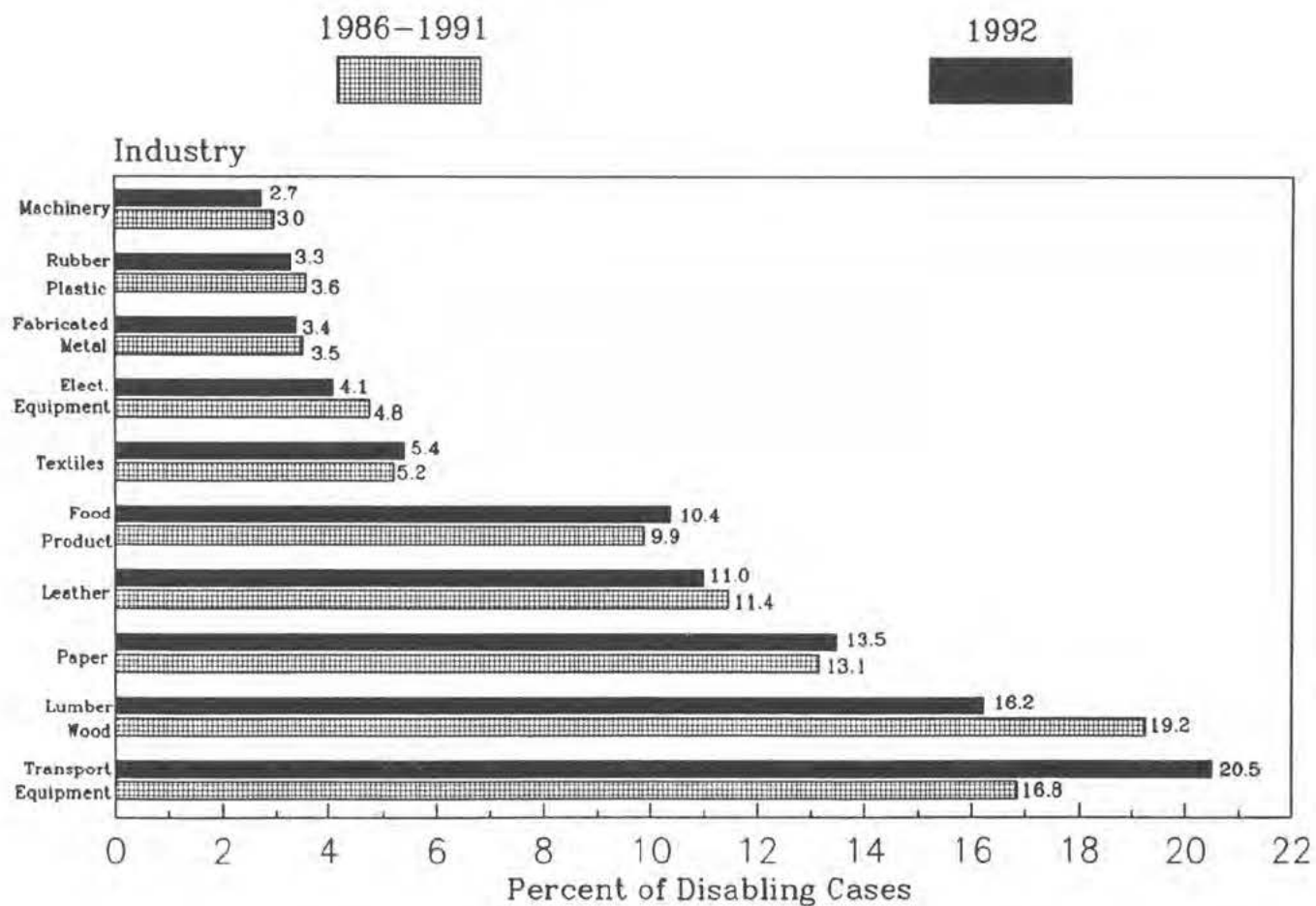
**Table 7. Selected Manufacturing Groups
Disabling Cases, Number and Percent
Maine, 1991-1992**

SIC Manufacturing Group		Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
All Manufacturing		6,650	100.0	5,156	100.0
37	Transportation Equip.	1,587	23.9	1,057	20.5
24	Lumber and Wood	1,018	15.3	836	16.2
26	Paper	899	13.5	695	13.5
31	Leather	784	11.8	567	11.0
20	Food	591	8.9	534	10.4
22	Textile	340	5.1	278	5.4
36	Elec./Electronic Equip.	261	3.9	211	4.1
34	Fabricated Metal	207	3.1	176	3.4
30	Rubber and Plastic	244	3.7	169	3.3
35	Machinery	208	3.1	141	2.7
27	Printing	132	2.0	135	2.6
23	Apparel	95	1.4	111	2.2
All Other Manufacturing		284	4.3	246	4.8

Figure 2 shows the top ten manufacturing groups listed in Table 7, and compares them with the cumulative averages from 1986 through 1991. This graph shows trends in injuries and illnesses in the manufacturing industry. For further detail, also see Table 22.

Figure 2.

Selected Manufacturing Groups
Disabling Cases, Percent
Maine 1986-1991, 1992



Industry

There were almost 1,500 fewer lost time cases reported in the manufacturing industry in 1992, from 6,650 in 1991 to 5,156 in 1992. Services decreased in number from 4,248 in 1991 to 4,015 in 1992, but it represents an increase of nearly two percentage points.

**Table 8. Major Industrial Division
Disabling Cases, Number and Percent
Maine, 1991-1992**

Industry Division	Disabling Cases			
	1991		1992	
	Number	Percent	Number	Percent
Total All Industries	21,919	100.0	19,161	100.0
Total Private Sector	19,238	87.8	16,763	87.5
Manufacturing	6,650	30.3	5,156	26.9
Services	4,248	19.4	4,015	21.0
Retail Trade	3,518	16.1	3,311	17.3
Construction	1,620	7.4	1,465	7.6
Wholesale	1,348	6.1	1,192	6.2
Trans. and Public Utilities	1,055	4.8	968	5.1
Agric., Fish., and Forestry	322	1.5	312	1.6
Fin., Ins., and Real Estate	369	1.7	287	1.5
Other, Private Sector	108	0.5	57	0.3
Total Public Sector	2,681	12.2	2,398	12.5

Insurer Type

The majority of injured or ill workers in Maine (59.7 %) worked for employers who were covered by private workers' compensation insurance in 1992. The injured or ill workers working for self-insured employers accounted for 36.3 % of all disabling First Reports, while 4.0 % of the disabled employees worked for employers with no workers' compensation insurance.

Employers with private insurance coverage having disabled worker has steadily decreased over the past five years, from 74.4 % in 1988. This decline may be due to more companies going to self-insured insurance coverage. Also the number of non-insured companies have steadily declined over the past five years, from 7.4 % of the employers with disabled workers in 1988 to only 4 % in 1992.

Table 9.

Five-Year Comparison Insurer Type of Employers Disabling Cases, Number and Percent Maine, 1988-1992

Insurer Type	Disabling Cases									
	1988		1989		1990		1991		1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	26,341	100.0	26,006	100.0	26,693	100.0	21,919	100.0	19,161	100.0
Private	19,596	74.4	18,566	71.4	17,213	64.5	13,554	61.8	11,440	59.7
Self-Insured	4,797	18.2	6,181	23.8	8,390	31.4	7,494	34.2	6,947	36.3
Not-Insured	1,948	7.4	1,259	4.8	1,090	4.1	871	4.0	774	4.0

County of Occurrence

The three counties with the greatest percentage of reports filed in 1992 were Cumberland, Penobscot, and Kennebec. These three counties also had the highest average employment. Dividing the percentage of reports by the percentage 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.

Table 10 shows the number of reports filed in Cumberland, Penobscot, and Kennebec counties are not disproportionate when compared to the average annual employment. The four counties having the highest ratios are Piscataquis, Sagadahoc, Somerset, and Washington. High ratios tend to show a concentration of hazardous industries.

**Table 10. Average Employment and Reports
Disabling Cases, Percent and Ratio by County
Maine, 1991-1992**

County	1991			1992		
	1		2	1		2
	Average Employment (Percent)	Disabling Cases (Percent)		Average Employment (Percent)	Disabling Cases (Percent)	
All Counties	100.0	100.0	1.00	100.0	100.0	1.00
Androscoggin	8.1	7.9	0.97	8.1	8.5	1.06
Aroostook	5.8	5.9	1.00	5.8	5.8	1.01
Cumberland	26.7	25.6	0.96	27.1	26.1	0.96
Franklin	2.3	2.0	0.87	2.3	1.8	0.78
Hancock	3.6	3.4	0.93	3.7	3.5	0.94
Kennebec	10.8	9.4	0.87	10.6	9.7	0.91
Knox	2.8	2.5	0.92	2.8	2.4	0.84
Lincoln	1.8	1.3	0.73	1.8	1.4	0.76
Oxford	3.2	3.6	1.11	3.3	3.2	0.99
Penobscot	12.3	12.0	0.98	12.2	11.9	0.97
Piscataquis	1.2	1.1	0.90	1.2	1.3	1.12
Sagadahoc	3.5	6.7	1.90	3.2	5.4	1.67
Somerset	3.3	3.8	1.16	3.4	4.0	1.16
Waldo	1.3	1.0	0.79	1.3	1.0	0.75
Washington	2.2	2.5	1.15	2.2	2.6	1.17
York	10.0	8.5	0.85	9.9	9.5	0.96
Other & Unknown	1.2	2.9	2.33	1.1	2.1	1.81

1. SOURCE: Percentages were calculated from data provided by the Division of Economic Analysis and Research, Bureau of Employment Security, Department of Labor.
2. Percentage of Disabling Cases divided by the percentage of average employment.

PART III

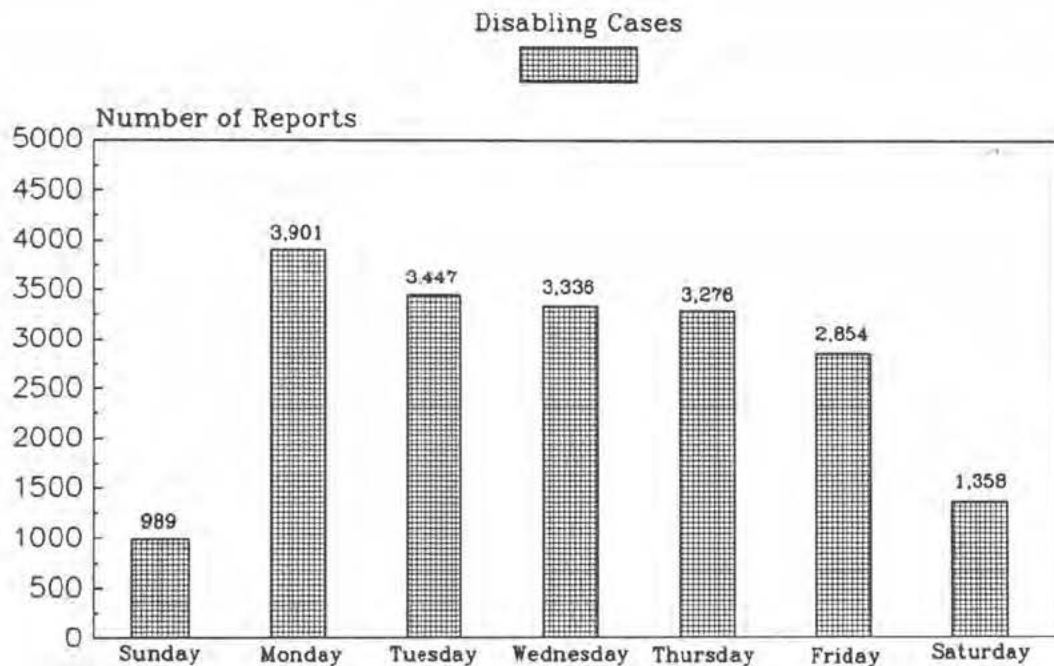
Characteristics of the Incident

Day of the Week

As expected, 87.8 % of all disabling injuries and illnesses occurred on weekdays. The highest number of reported cases were for injuries or illnesses that occurred on Mondays with 3,901. Of the weekdays, Friday had the lowest number of reported cases with 2,854.

Figure 3.

Day of the Week
Disabling Cases, Number of Cases
Maine, 1992



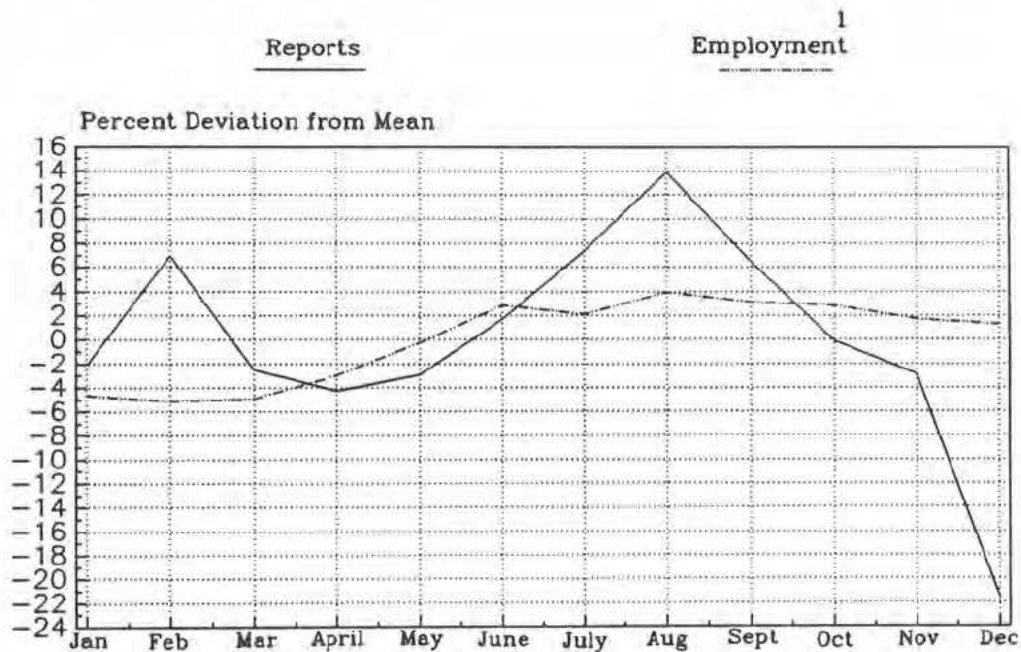
Month

Figure 4 illustrates the relationship between the number of cases occurring per month and the employment per month. Because the number of workdays in each month differs, the number of occurrences were adjusted to reflect what the number of cases would be based upon the average number of workdays in a month (total workdays per year divided by 12). Weekends and holidays were not included. Employment figures were not adjusted because they reflect actual employment in a month and are not subject to change due to the differing number of workdays.

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

Figure 4.

Percent Deviation from Mean
Disabling Cases and Employment by Month
Maine, 1992



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

Occupational Illnesses

Occupational illnesses made up only 14.2 % of all disabling Workers' Compensation cases received in 1992. Inflammation of the joints and tendons, including tendonitis and bursitis, represented the majority of the disabling illness cases reported, representing 48.2 % of all occupational illnesses. Such cases are usually the result of prolonged exertion of a specific area of the body (most often the upper extremities which includes the arm, wrist, hand and fingers). Mental disorder, which includes stress, is the second most frequent occupational illness (11.6 %). Conditions of the Nervous System, including carpal tunnel syndrome, account for the third largest portion of all disabling occupational illnesses (8.8 %); these also are from prolonged exertion.

Table 11. **Occupational Illness**
Disabling Cases, Number and Percent
Maine, 1991-1992

Illness	Disabling Cases			
	1991		1992	
	Number	Percent	Number	Percent
Total	2,927	100.0	2,718	100.0
Inflammation of Joint, Tendon, etc.	1,177	40.2	1,309	48.2
Mental Disorder	291	9.9	315	11.6
Nervous System	243	8.3	240	8.8
Dermatitis	153	5.2	129	4.7
Systemic Effect of Toxics	139	4.7	102	3.8
Infective or Parasitic Disease	44	1.5	62	2.3
Heart Condition	66	2.3	50	1.8
Respiratory Condition	41	1.4	47	1.7
Radiation Effect	61	2.1	28	1.0
All Other Illnesses	712	24.3	436	16.0

Nature of Injury or Illness

The nature classification identifies the actual injury or illness. Table 12 displays the most common injuries and illnesses for 1992 by number and percent of total disabling cases. The 1991 figures are also given for these top 20 injuries. 9,685 cases or 50.5 % of all disabling cases reported in 1992 were due to a sprain or a strain. This is an increase of nearly 2.0 percentage points from 1991. Bruise was second with 1,535 cases, or 8 % of all disabling cases.

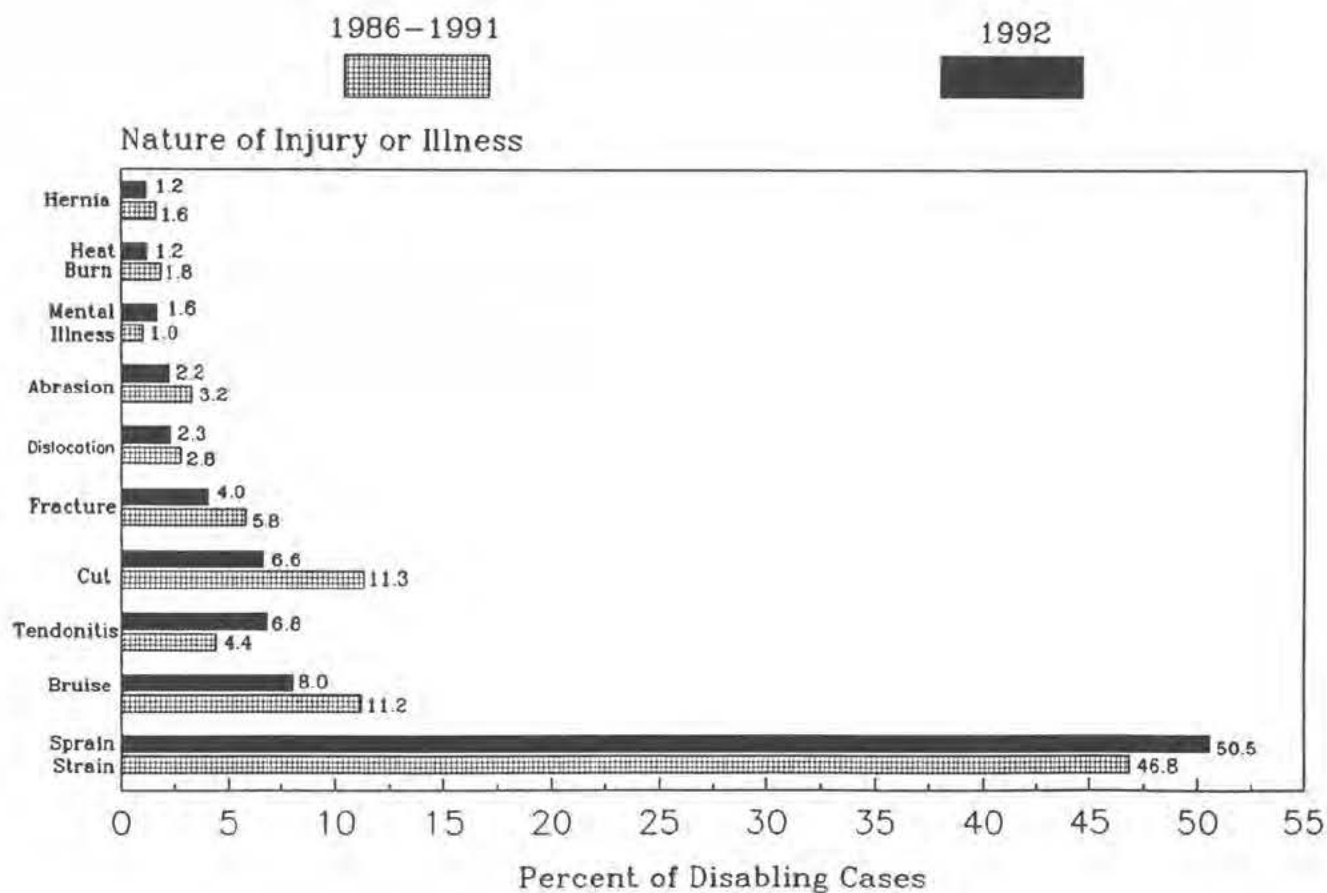
Table 12. **Nature of Injury or Illness**
Disabling Cases, Number and Percent
Maine, 1991-1992

Codes Nature of Injury or Illness		Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
310	Sprain, Strain	10,674	48.7	9,685	50.5
160	Contusion, Crushing, Bruise	1,973	9.0	1,535	8.0
260	Inflammation of Tendon/Muscle	1,177	5.4	1,309	6.8
170	Cut, Laceration, Puncture	1,560	7.1	1,261	6.6
210	Fracture	849	3.9	773	4.0
400	Multiple Injuries	688	3.1	657	3.4
190	Dislocation	430	2.0	441	2.3
300	Scratch, Abrasion	581	2.7	425	2.2
540	Mental Disorders - inc. Stress	291	1.3	315	1.6
56-	Conditions of Nervous System	243	1.1	240	1.3
120	Heat Burn	261	1.2	230	1.2
250	Hernia, Rupture	274	1.3	223	1.2
18-	Dermatitis	153	0.7	129	0.7
27-	Systemic Poisoning	139	0.6	101	0.5
130	Chemical Burn	122	0.6	77	0.4
15-	Infective or Parasitic Disease	44	0.2	62	0.3
991	Heart Cond. - inc. Heart Attack	66	0.3	50	0.3
57-	Conditions of Respiratory System	41	0.2	47	0.2
100	Amputation or Enucleation	27	0.1	30	0.2
140	Concussion	40	0.2	28	0.1
295	Welder's Flash	60	0.3	25	0.1
999	Other and Nonclassifiable	2,226	10.2	1,518	7.9

Figure 5 shows the ten nature of injury and illness categories with the highest percent of disabling cases in 1992. The graph compares these percentages with the percentages of the average of disabling cases for the period 1986 through 1991. This graph illustrates trends. There were increases in overexertion from 46.8 % to 50.5 % in 1992, and tendonitis, from 4.4 % to 6.8 %. Traumatic injuries decreased from the 1986 through 1991 average; bruise from 11.2 % to 8.0 %; cut from 11.3 % to 6.6 %; fracture 5.8 % to 4.0 %. See Table 17 for further detail.

Figure 5.

Nature of Injury or Illness
Disabling Cases, Percent
Maine, 1986-1991, 1992



Part of Body Affected

The most frequent part of the body injured in 1992 was the back, accounting for 5,454 cases or 28.5 % of all disabling cases submitted. In 1991, 6,089 cases (27.3 %) were to the back. The second most frequently injured part of body was the finger with 1,231 cases (6.4 %) in 1992.

Table 13.

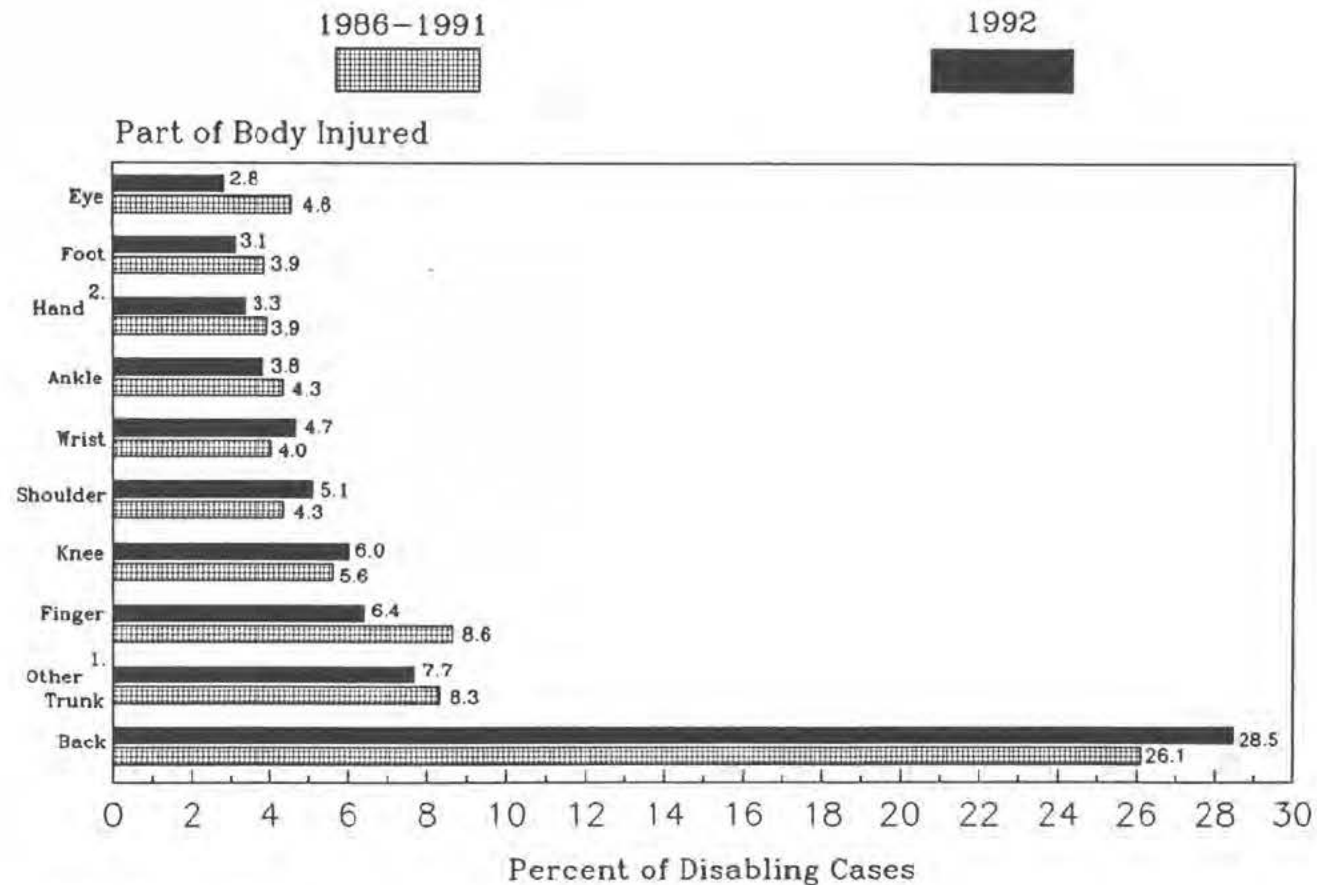
Part of Body Affected Disabling Cases, Number and Percent Maine, 1991-1992

Codes Part of Body Affected		Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
420	Back	6,089	27.8	5,454	28.5
340	Finger	1,489	6.8	1,231	6.4
513	Knee	1,305	6.0	1,152	6.0
450	Shoulder	1,065	4.9	976	5.1
320	Wrist	1,038	4.7	895	4.7
520	Ankle	923	4.2	732	3.8
8--	Body System	758	3.5	719	3.8
330	Hand	743	3.4	641	3.3
530	Foot	704	3.2	593	3.1
130	Eye	799	3.6	535	2.8
398	Upper Extremities, Multiple	465	2.1	468	2.4
440	Hip	489	2.2	417	2.2
498	Trunk, Multiple	466	2.1	378	2.0
430	Chest	400	1.8	359	1.9
200	Neck	395	1.8	354	1.8
313	Elbow	350	1.6	333	1.7
410	Abdomen	422	1.9	303	1.6
999	Other and Nonclassifiable	4,019	18.3	3,621	18.9

Over the last seven years, the back has been the most frequently injured part of the body (26.1 % of the 1986 through 1991 average lost time cases, and 28.5 % in 1992) Finger incidences decreased from 8.3 % for the period 1986 through 1991 to 7.7 % in 1992. See Table 18 for detail of numbers.

Figure 6.

Part of Body Injured
Disabling Cases, Percent
Maine 1986-1991, 1992



- 1.Excludes back.
- 2.Excludes finger.

Source of Injury or Illness

The source classification identifies the object, substance, exposure, or bodily motion which directly caused the injury or illness. In 1992, 2,509 employees were injured because of working surfaces, or 13.1 %. Containers were the cause of injury for 2,386 employees in 1992 or 12.5 % of all cases reported. Bodily motion as a source indicates the employee simply moved wrong, with no lifting, pushing, or pulling involved or may have slipped but did not fall.

Table 14.

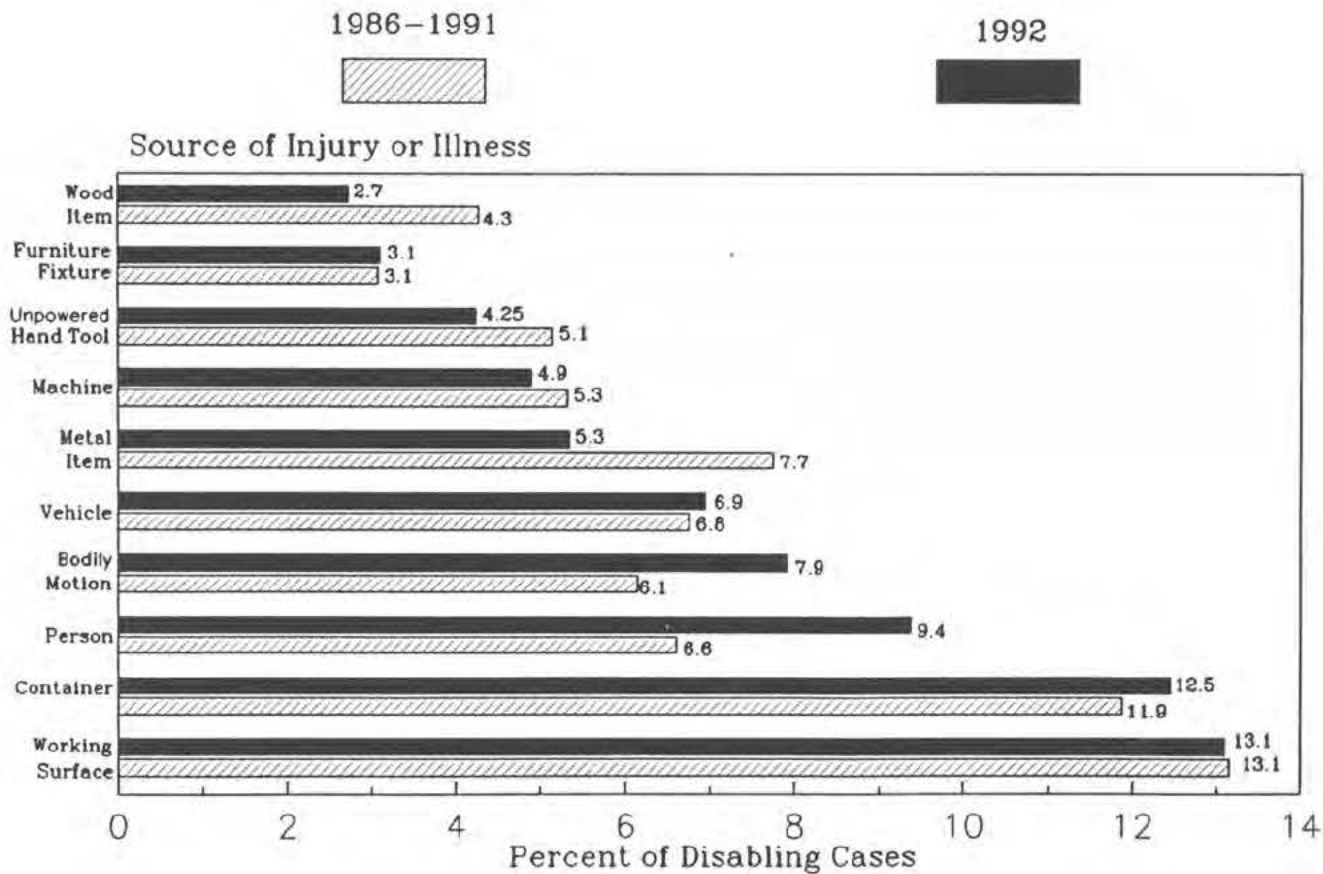
Source of Injury or Illness
Disabling Cases, Number and Percent
Maine, 1991-1992

		Disabling Cases			
		1991		1992	
Codes	Source of Injury or Illness	Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
58--	Working Surface	2,880	13.1	2,509	13.1
06--	Box, Barrel, Container	2,778	12.7	2,386	12.5
60--	Person	1,896	8.7	1,797	9.4
0400	Bodily Motion	1,726	7.9	1,517	7.9
56--	Vehicle	1,367	6.2	1,330	6.9
41--	Metal Item	1,316	6.0	1,022	5.3
3---	Machine	1,001	4.6	937	4.9
22--	Hand Tool, Not Powered	954	4.4	812	4.2
19--	Furniture, Fixture, Etc.	701	3.2	593	3.1
57--	Wood Item	646	2.9	521	2.7
07--	Building and Structure	533	2.4	414	2.2
23--	Hand Tool, Powered	416	1.9	342	1.8
4700	Plant, Tree, Vegetation	277	1.3	209	1.1
09--	Chemical, Chemical Compound	298	1.4	203	1.1
15--	Electric Apparatus	194	0.9	163	0.9
4300	Mineral Item, Nonmetallic	198	0.9	162	0.8
05--	Boiler, Pressure Vessel	150	0.7	139	0.7
4600	Unidentified Particle	156	0.7	113	0.6
9800	Other and Nonclassifiable	4,432	20.2	3,992	20.8

The working surface and container have consistently been the top two sources of injury for the past seven years as shown in Figure 7. Bodily motion rose from 6.1 % for the period 1986 through 1991 to 7.9 % in 1992, while metal items decreased from 7.7 % to 5.3 %. See Table 19 for detail of numbers.

Figure 7.

Source of Injury or Illness
Disabling Cases, Percent
Maine 1986-1991, 1992



Type of Accident or Exposure

The type of accident or exposure identifies the event or action which directly resulted in the injury or illness. Overexertion by lifting, was the most common type of accident in 1992, with 3,106 disabling cases. There were a total of 8,599 lost-time cases involving overexertion reported in 1992, almost 45 % of all the disabling cases for that year. Struck by an object was the second highest type of accident with 2,101 cases in 1992.

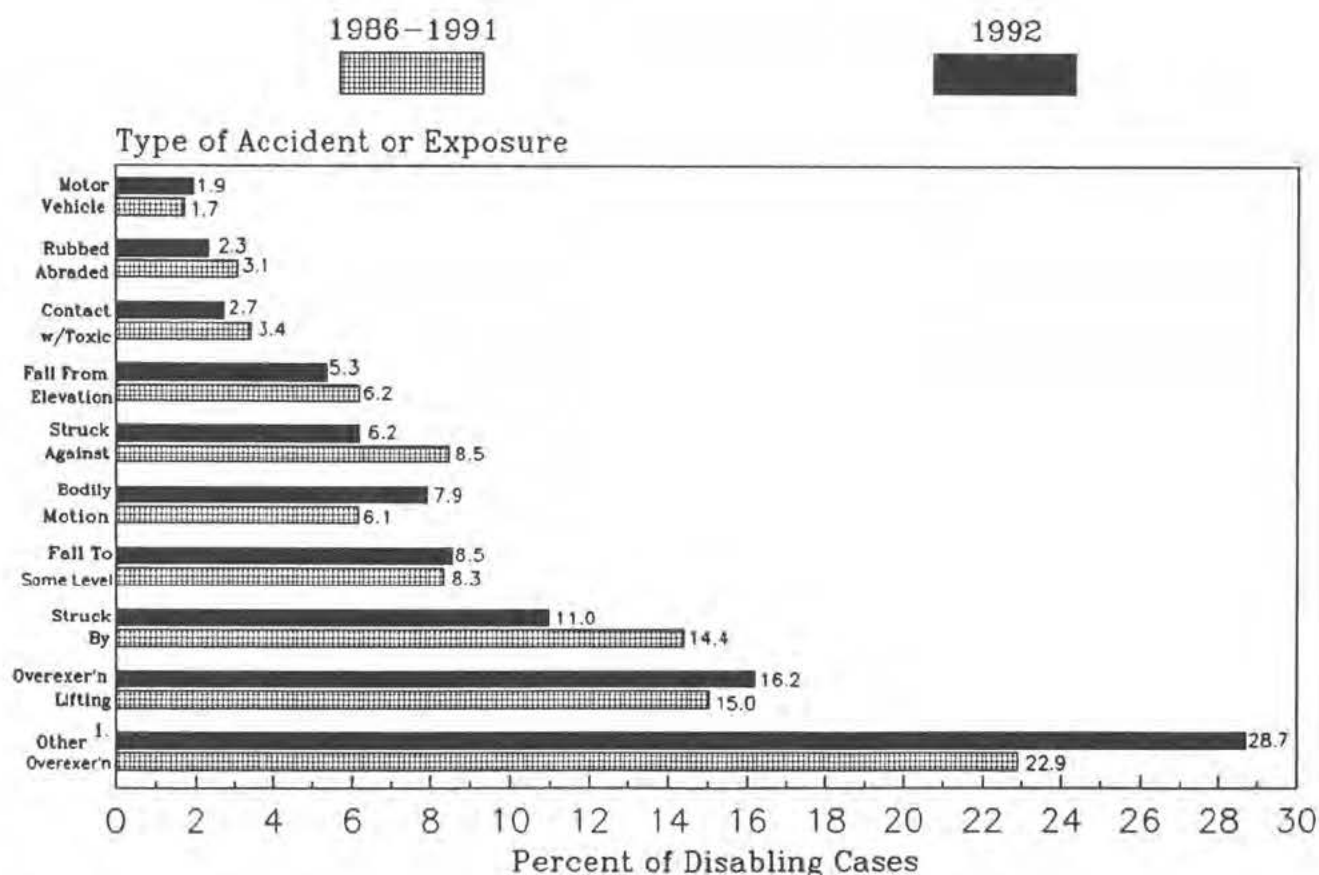
Table 15. **Type of Accident or Exposure**
Disabling Cases, Number and Percent
Maine, 1991-1992

		Disabling Cases			
		1991		1992	
Codes	Type of Accident or Exposure	Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
121	Overexertion Lifting Object	3,492	15.9	3,106	16.2
02-	Struck By	2,492	11.4	2,101	11.0
05-	Fall to Same Level	1,856	8.5	1,635	8.5
100	Bodily Reaction	1,726	7.9	1,517	7.9
01-	Struck Against	1,724	7.9	1,182	6.2
03-	Fall From Elevation	1,214	5.5	1,024	5.3
123	Overexertion Throwing, etc.	1,280	5.8	1,000	5.2
122	Overexertion Pushing/Pulling	1,098	5.0	886	4.6
18-	Contact with Radiation, Caustic	653	3.0	515	2.7
08-	Rubbed or Abraded	577	2.6	443	2.3
3--	Motor Vehicle Accident	347	1.6	371	1.9
06-	Caught in, Under or Between	328	1.5	352	1.8
15-	Contact w/ Temp. Extreme	285	1.3	246	1.3
6--	Nonhighway Motor Vehicle	57	0.3	67	0.3
500	Explosion	14	0.1	20	0.1
130	Contact w/ Electric Current	28	0.1	17	0.1
999	Other and Nonclassifiable	4,748	21.7	4,679	24.4

Figure 8 illustrates the ten types of accidents or exposures with the highest percent of disabling cases in 1992. This clearly shows that overexertion is the most common type of accident or exposure, with 16.2 % of cases due to lifting, and 28.7 % due to other types of overexertion in 1992 (e.g. pushing, pulling, carrying). As a percent of all disabling cases, overexertion was highest during the period of 1986 through 1991 also. Struck by, usually with a hand-held item or tool, was 3.4 percentage points less than the 14.4 average for the 1986 through 1991 period. For further detail, see Table 20.

Figure 8.

Type of Accident or Exposure
Disabling Cases, Percent
Maine, 1986-1991, 1992



1. Excludes lifting.

Associated Object or Substance

The associated object or substance (AOS) identifies the object, substance or person with respect to measures which could have been introduced to prevent the accident or lessen the injury or illness. It can also be what initiated the accident. 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 a moving table saw blade, the source and the AOS would be the same object -- the saw, because no other object had a direct relationship to the accident. However, if a forklift ran into a worker, causing the worker to fall into the table saw, thus cutting the finger, the source would still be the saw since it actually cut the finger but the AOS would now be the forklift because it started the accident sequence.

Container, Working Surface, and Person, respectively, were the most frequently cited AOS categories for all disabling cases for 1992, the same top three as in 1991.

**Table 16. Associated Object or Substance
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes	Associated Object or Substance	Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
06--	Box, Barrel, Container	2,778	12.7	2,367	12.4
64--	Working Surface	2,600	11.9	2,344	12.2
60--	Person	1,978	9.0	1,862	9.7
56--	Vehicle	1,660	7.6	1,612	8.4
3---	Machine	1,121	5.1	1,044	5.4
0400	Bodily Motion	1,086	5.0	901	4.7
22--	Hand Tool, Not Powered	1,028	4.7	876	4.6
41--	Metal Item	968	4.4	773	4.0
19--	Furniture, Fixture, etc.	828	3.8	716	3.7
57--	Wood Item	631	2.9	509	2.7
23--	Hand Tool, Powered	642	2.9	480	2.5
07--	Building and Structure	498	2.3	426	2.2
28--	Ladder	328	1.5	267	1.4
4700	Plant, Tree, Vegetation	278	1.3	206	1.1
15--	Electric Apparatus	221	1.0	188	1.0
09--	Chemical, Chemical Compound	276	1.3	185	1.0
05--	Boiler, Pressure Vessel	199	0.9	164	0.9
4300	Mineral Item, Nonmetallic	142	0.6	129	0.7
9800	Other and Nonclassifiable	4,657	21.2	4,112	21.5

AOS describes what initiated the event. In 1992, 12.4 % of all disabling injuries were initiated by a container (e.g. by lifting, tripping over etc.); 11.9 % for the period 1986 through 1991. The working surface as AOS accounted for 11.8 % of all disabling cases in 1992 (most often due to slippery, wet, or uneven ground). See Table 21 for further detail.

Figure 9. Associated Object or Substance
Disabling Cases, Percent
Maine 1986-1991, 1992

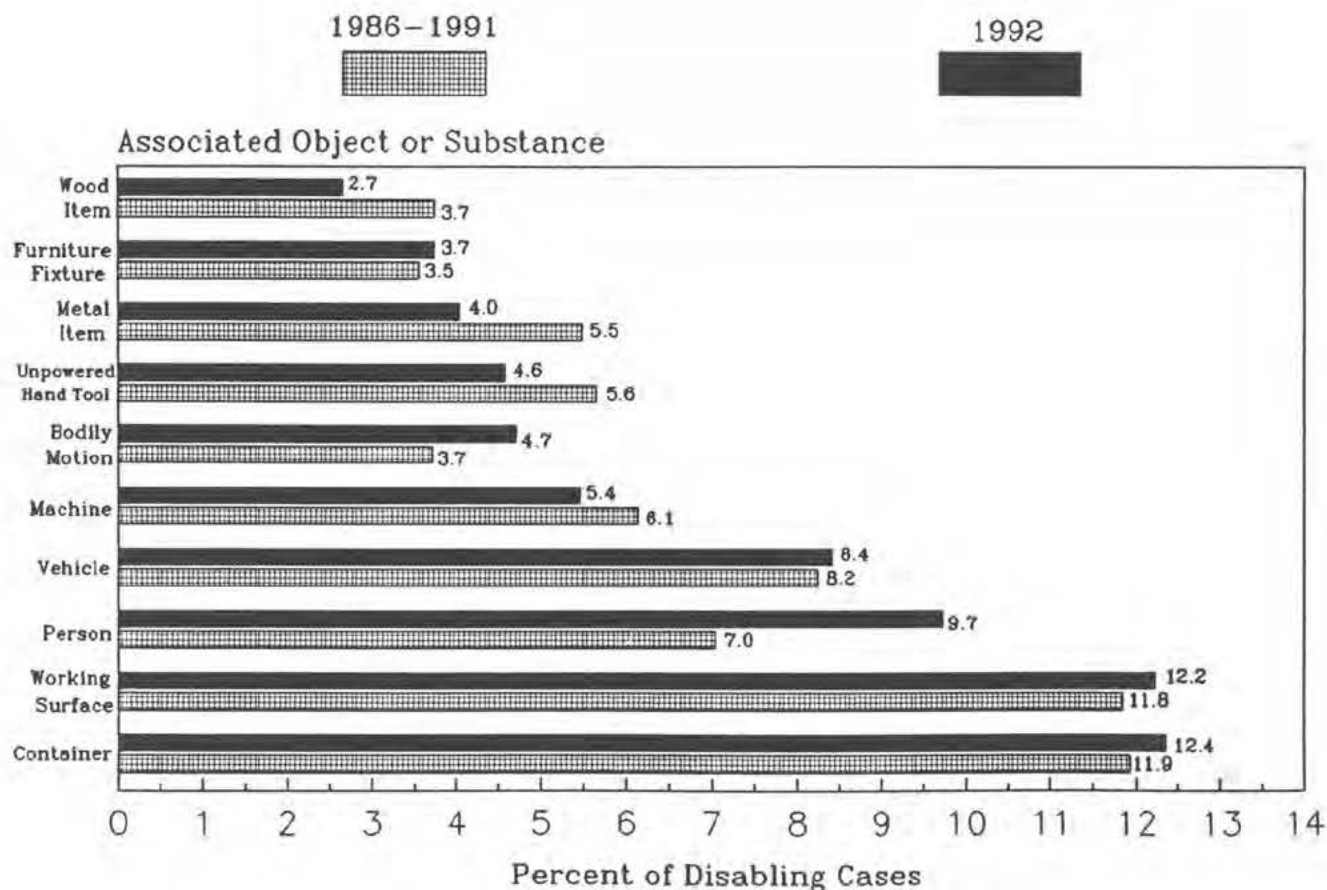
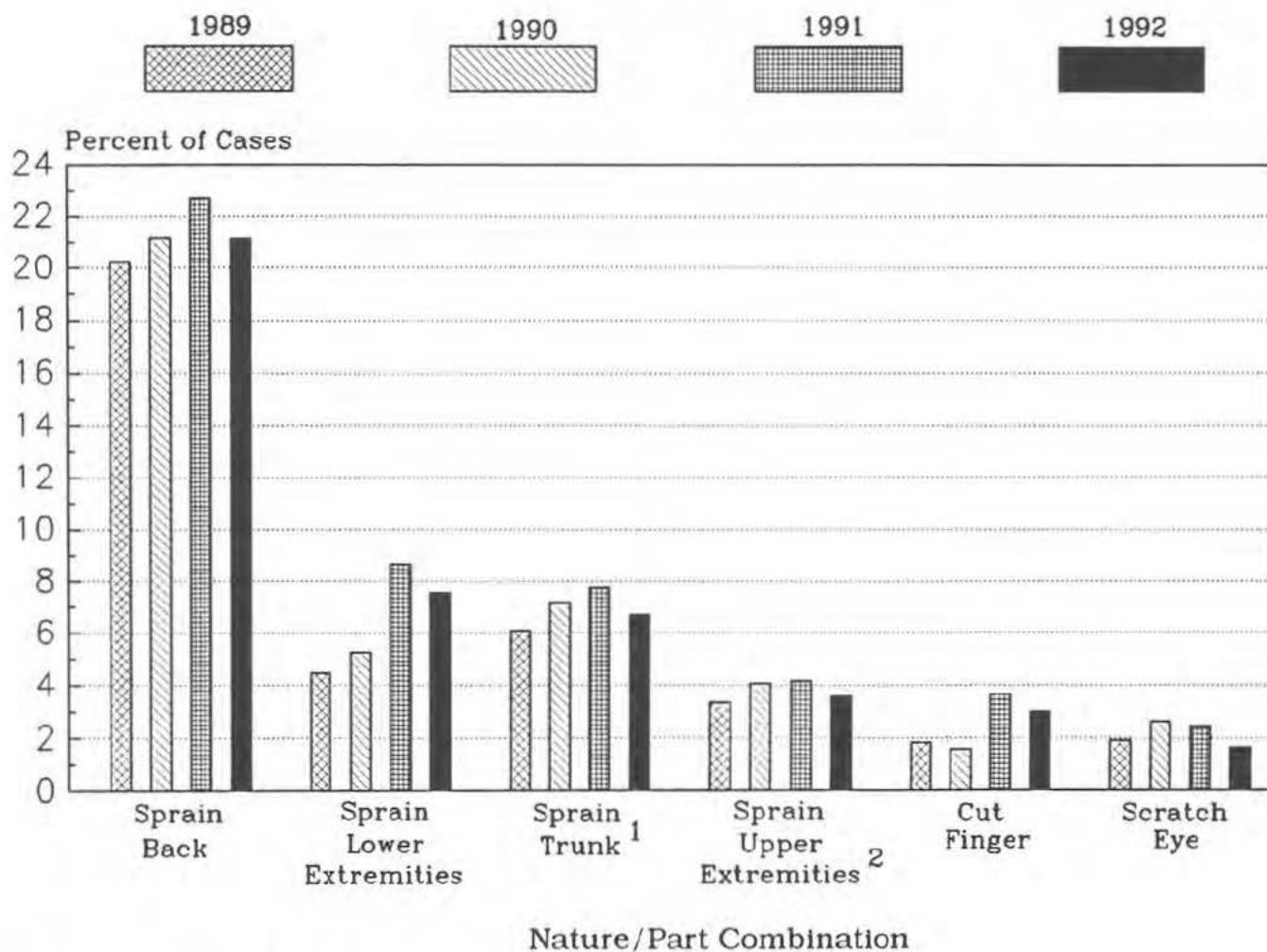


Figure 10.

Nature by Part Combinations
 Percent Distribution of Six Most Frequent
 Disabling Cases by Nature/Part Combinations
 Maine, 1989-1992

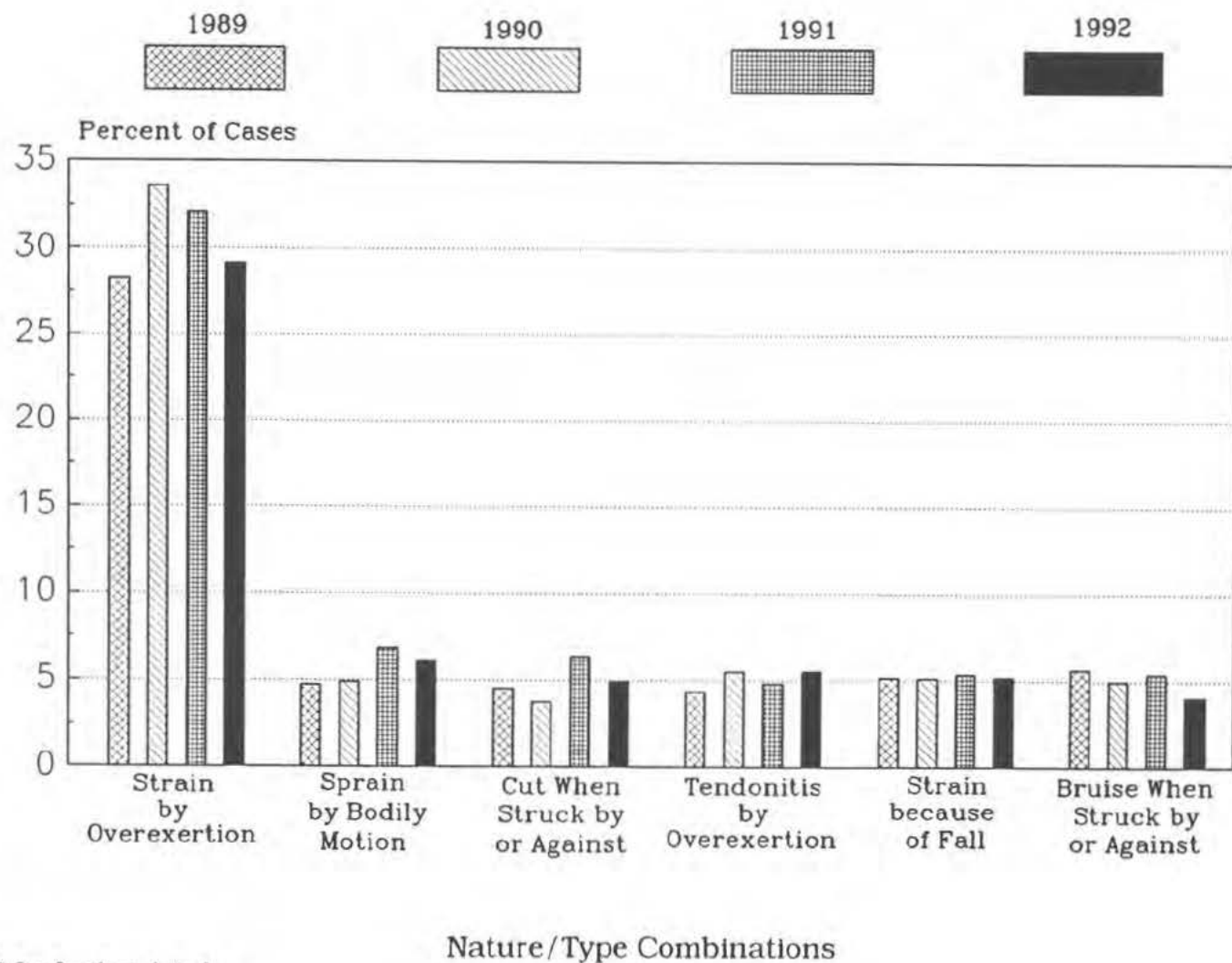


1. Includes abdomen, shoulder, chest, hip, pelvis.

2. Includes upper arm, elbow, lower arm, wrist, hand (without fingers).
 See Table 27 for further detail.

Figure 11.

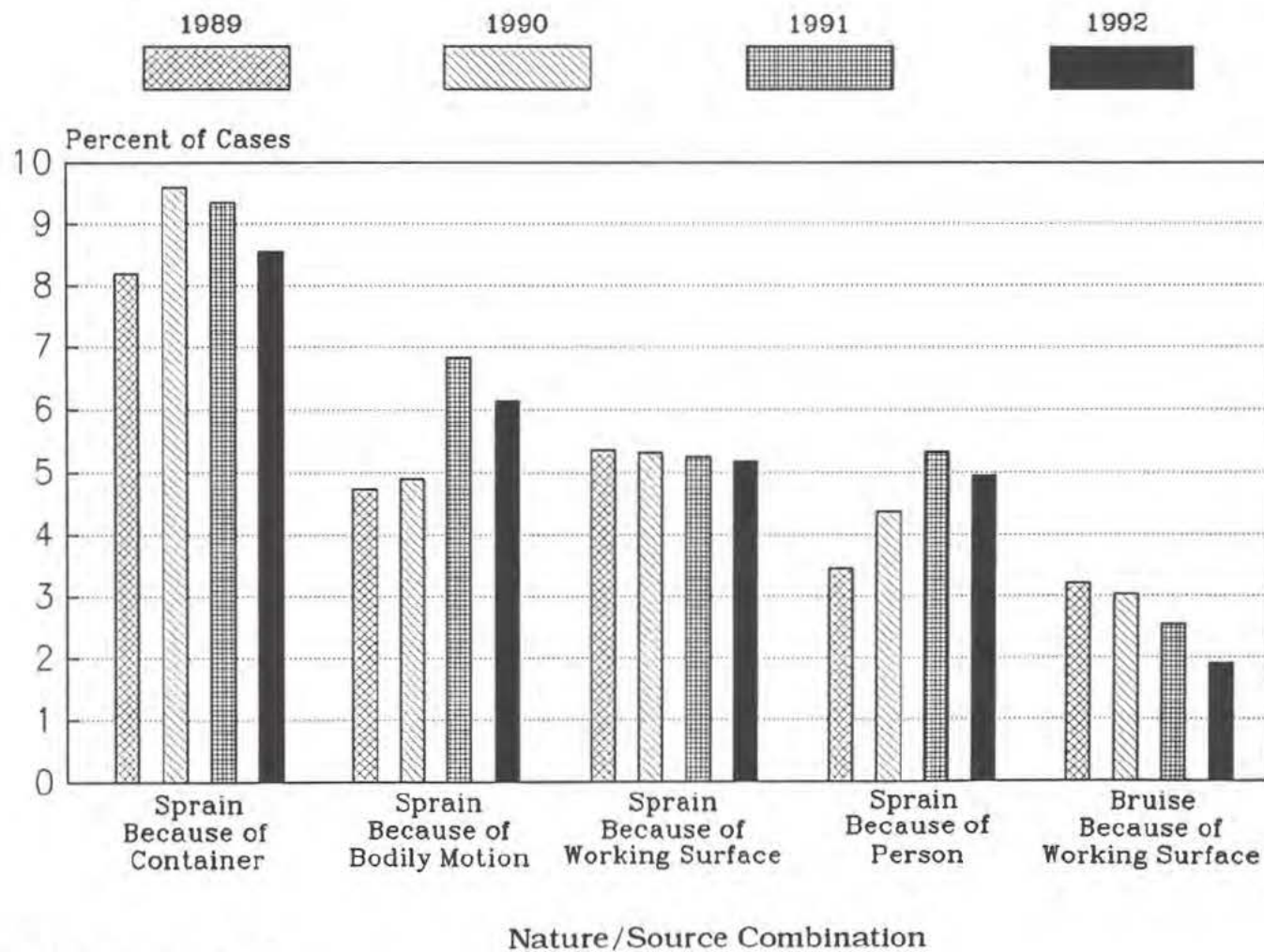
Nature by Type Combinations
 Percent Distribution of Six Most Frequent
 Disabling Cases by Nature/Type Combinations
 Maine, 1989-1992



See Table 28 for further detail.

Figure 12.

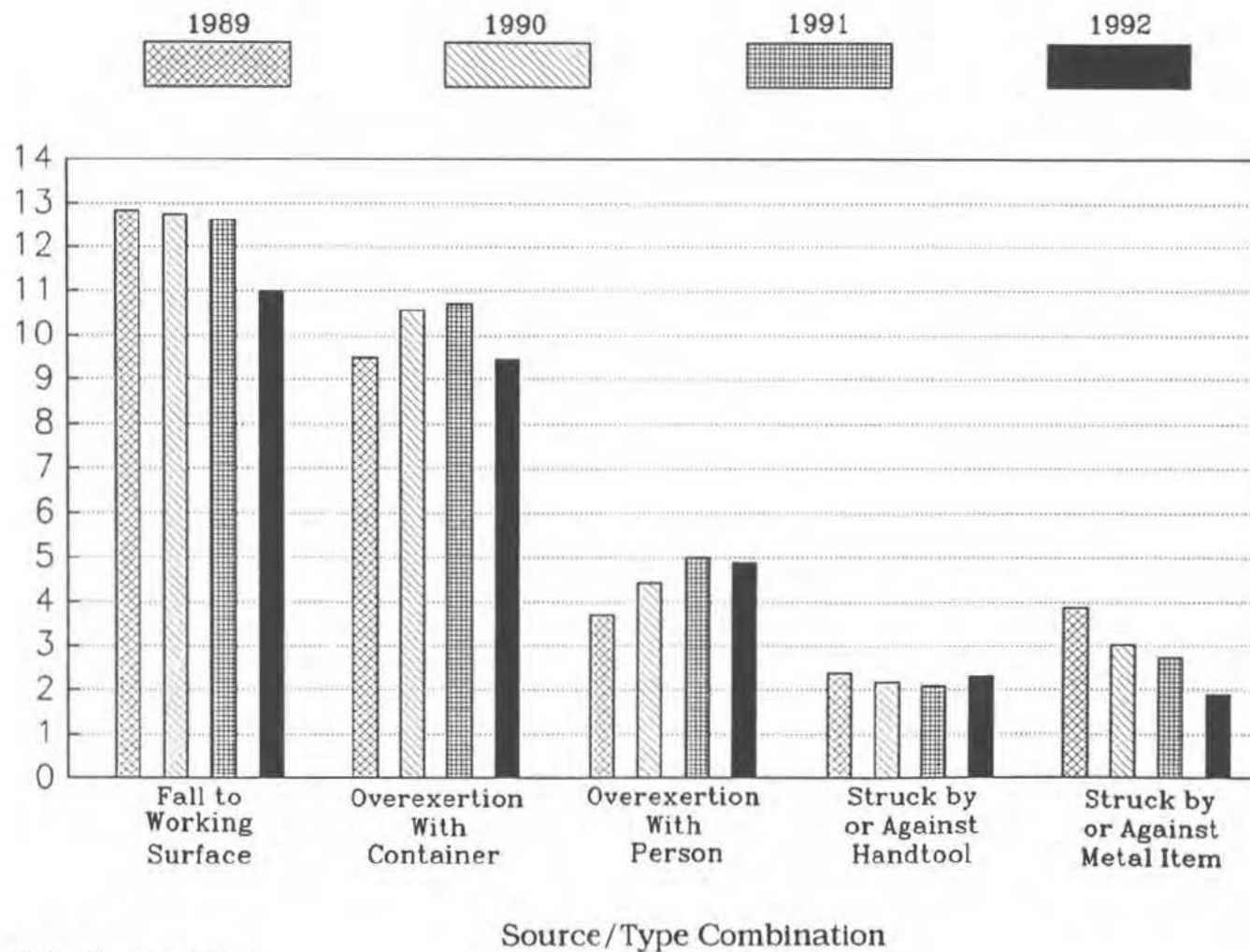
Nature by Source Combinations
 Percent Distribution of Five Most Frequent
 Disabling Cases by Nature/Source Combinations
 Maine, 1989-1992



See Table 29 for further detail.

Figure 13.

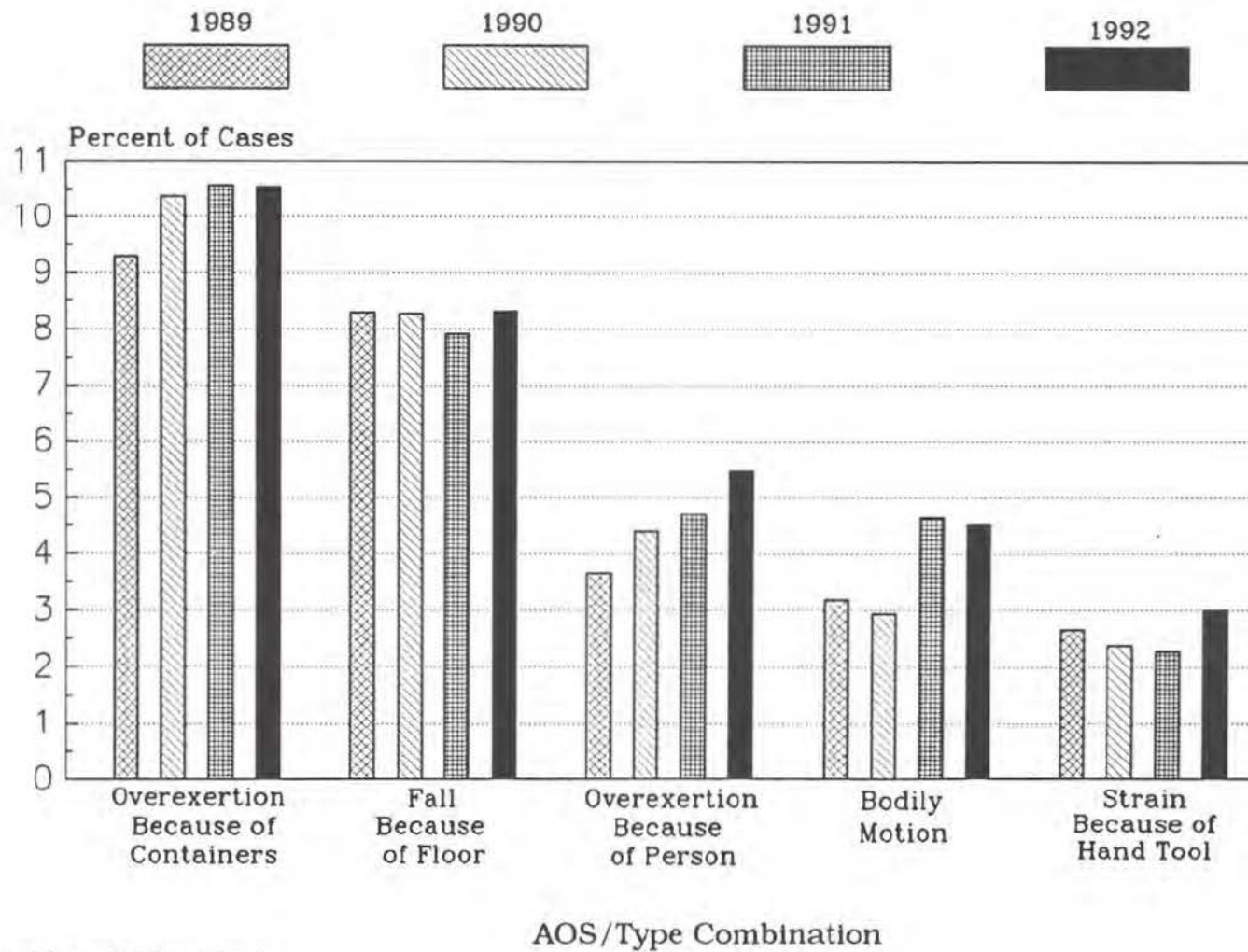
Source by Type Combinations
 Percent Distribution of Five Most Frequent
 Disabling Cases by Source/Type Combinations
 Maine 1989-1992



See Table 30 for further detail.

Figure 14.

AOS by Type Combinations
 Percent Distribution of Five Most Frequent
 Disabling Cases by AOS/Type Combinations
 Maine, 1989-1992



See Table 31 for further detail.

Table 17.

**Nature of Injury or Illness
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes Nature of Injury or Illness		Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
100	Amputation or Enucleation	27	0.1	30	0.2
110	Asphyxia, Strangulation	0	0.0	0	0.0
	Drowning, Suffocation				
120	Heat Burn	261	1.2	230	1.2
130	Chemical Burn	122	0.6	77	0.4
140	Concussion	40	0.2	28	0.1
15-	Infective or Parasitic Disease	44	0.2	62	0.3
160	Contusion, Crushing, Bruise	1,973	9.0	1,535	8.0
170	Cut, Laceration, Puncture	1,560	7.1	1,261	6.6
18-	Dermatitis	153	0.7	129	0.7
185	- Contact Dermatitis	112	0.5	100	0.5
190	Dislocation	430	2.0	441	2.3
200	Electric Shock, Electrocution	19	0.1	15	0.1
210	Fracture	849	3.9	773	4.0
220	Effects of Exposure to Low Temp.	9	0.0	11	0.1
230	Hearing Loss or Impairment	5	0.0	3	0.0
240	Effects of Environmental Heat	26	0.1	15	0.1
250	Hernia, Rupture	274	1.3	223	1.2
260	Inflammation of Tendon/Muscle	1,177	5.4	1,309	6.8
27-	Systemic Poisoning	139	0.6	101	0.5
28-	Pneumoconiosis	5	0.0	3	0.0
29-	Radiation Effects	61	0.3	28	0.1
295	- Welders Flash	60	0.3	25	0.1
300	Scratch, Abrasion	581	2.7	425	2.2
310	Sprain, Strain	10,674	48.7	9,685	50.5
320	Hemorrhoids	4	0.0	4	0.0
330	Hepatitis, Serum and Infective	2	0.0	0	0.0
400	Multiple Injuries	688	3.1	657	3.4
500	Effects of Change in Atmos. Pres.	2	0.0	2	0.0
510	Cerebro. & Oth. Circulatory Sys.	11	0.1	16	0.1
520	Complications due to Med. Care	7	0.0	14	0.1
530	Other Diseases of the Eye	20	0.1	5	0.0
540	Mental Disorders - inc. Stress	291	1.3	315	1.6
55-	Malignant Neoplasm, Tumor	2	0.0	4	0.0
56-	Conditions of Nervous System	243	1.1	240	1.3
57-	Conditions of Respiratory System	41	0.2	47	0.2
580	Symptoms and Ill-defined Cond.	642	2.9	368	1.9
900	No Injury or Illness	36	0.2	17	0.1
950	Damage to Prosthetic Device	7	0.0	2	0.0
990	Other Occupational Disease	5	0.0	7	0.0
991	Heart Cond. - inc. Heart Attack	66	0.3	50	0.3
995	Other Injury	6	0.0	5	0.0
999	Nonclassifiable	1,417	6.5	1,024	5.3

**Table 18. Part of Body Affected
Disabling Cases, Number and Percent
Maine, 1991-1992**

		Disabling Cases			
		1991		1992	
Codes	Part of Body Affected	Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
1--	Head	1,227	5.6	928	4.8
100	Head, Unspecified	89	0.4	84	0.4
110	Brain	42	0.2	29	0.2
12-	Ear(s)	19	0.1	19	0.1
120	Ear(s), Unspecified	0	0.0	2	0.0
121	Ear(s), External	1	0.0	4	0.0
124	Ear(s), Internal	18	0.1	13	0.1
130	Eye(s)	799	3.6	535	2.8
14-	Face	189	0.9	179	0.9
140	Face, Unspecified	21	0.1	13	0.1
141	Jaw	14	0.1	15	0.1
144	Mouth	27	0.1	23	0.1
146	Nose	36	0.2	37	0.2
148	Face, Multiple Parts	46	0.2	50	0.3
149	Face, Other	45	0.2	41	0.2
150	Scalp	70	0.3	55	0.3
160	Skull	4	0.0	5	0.0
198	Head, Multiple Parts	15	0.1	22	0.1
200	Neck	395	1.8	354	1.8
3--	Upper Extremities	4,707	21.5	4,088	21.3
300	Upper Extrem., Unsp.	3	0.0	7	0.0
31-	Arm(s)	969	4.4	846	4.4
310	Arm(s), Unspecified	297	1.4	240	1.3
311	Upper Arm	55	0.3	63	0.3
313	Elbow(s)	350	1.6	333	1.7
315	Forearm(s)	198	0.9	184	1.0
318	Arm, Multiple	69	0.3	26	0.1
320	Wrist(s)	1,038	4.7	895	4.7
330	Hand(s)	743	3.4	641	3.3
340	Finger(s)	1,489	6.8	1,231	6.4
398	Upper Extrem., Mult.	465	2.1	468	2.4
4--	Trunk	8,948	40.8	7,900	41.2
400	Trunk, Unspecified	17	0.1	13	0.1
410	Abdomen	422	1.9	303	1.6
420	Back	6,089	27.8	5,454	28.5
430	Chest	400	1.8	359	1.9
440	Hip(s)	489	2.2	417	2.2
450	Shoulder(s)	1,065	4.9	976	5.1
498	Trunk, Multiple	466	2.1	378	2.0
5--	Lower Extremities	3,847	17.6	3,195	16.7
51-	Leg(s)	1,889	8.6	1,583	8.3
510	Leg(s), Unspec.	228	1.0	163	0.9
511	Thigh(s)	107	0.5	82	0.4
513	Knee(s)	1,305	6.0	1,152	6.0
515	Lower Leg(s)	192	0.9	152	0.8
518	Leg, Multiple	56	0.3	34	0.2
520	Ankle(s)	923	4.2	732	3.8
530	Foot(feet)	704	3.2	593	3.1
540	Toe(s)	197	0.9	173	0.9
598	Lower Extrem., Mult.	134	0.6	107	0.6
700	Multiple Parts	1,885	8.6	1,816	9.5
8--	Body System	758	3.5	719	3.8
800	Body System, Unspec.	222	1.0	204	1.1
801	Circulatory System	74	0.3	60	0.3
810	Digestive System	7	0.0	4	0.0
820	Excretory System	3	0.0	5	0.0
830	Skeletal System	0	0.0	0	0.0
840	Nervous System	312	1.4	338	1.8
850	Respiratory System	138	0.6	105	0.5
880	Other Body Systems	2	0.0	3	0.0
999	Nonclassifiable	152	0.7	161	0.8

Table 19.

**Source of Injury or Illness
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes	Source of Injury or Illness	Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
01--	Air Pressure	2	0.0	2	0.0
02--	Animal, Insect, etc.	99	0.5	52	0.3
03--	Animal Product	78	0.4	43	0.2
0330	Hide, Leather	66	0.3	37	0.2
0400	Bodily Motion	1,726	7.9	1,517	7.9
05--	Boiler, Pressure Vessel	150	0.7	139	0.7
0530	Pressure Line	81	0.4	78	0.4
06--	Box, Barrel, Container	2,778	12.7	2,386	12.5
0610	Pots, Pan, Dish, Tray	258	1.2	202	1.1
0620	Pail, Bucket, Basket	188	0.9	171	0.9
0630	Box, Crate, Carton	1,256	5.7	1,067	5.6
0660	Bundle, Bale	86	0.4	66	0.3
0665	Reel, Roll	236	1.1	177	0.9
0670	Tank, Bin, etc.	49	0.2	54	0.3
07--	Building and Structure	533	2.4	414	2.2
0705	Door, Gate	199	0.9	149	0.8
0755	Wall, Fence	182	0.8	114	0.6
08--	Ceramic Tile	16	0.1	10	0.1
09--	Chemical, Chemical Compound	298	1.4	203	1.1
10--	Clothing	95	0.4	90	0.5
11--	Coal and Petroleum Product	37	0.2	38	0.2
1200	Cold-Atmosphere Environment	10	0.0	8	0.0
13--	Conveyor	45	0.2	46	0.2
14--	Drugs and Medicine	10	0.0	14	0.1
15--	Electric Apparatus	194	0.9	163	0.9
1700	Flame, Fire, Smoke	48	0.2	43	0.2
18--	Food Product	119	0.5	111	0.6
19--	Furniture, Fixture, etc.	701	3.2	593	3.1
1901	Cabinet, File/Book Case	122	0.6	122	0.6
1970	Table	80	0.4	81	0.4
2000	Glass Item, NEC	81	0.4	45	0.2
22--	Hand Tool, Not Powered	954	4.4	812	4.2
2230	Hammer	71	0.3	74	0.4
2245	Knife	285	1.3	246	1.3
2290	Shovel, Spade	99	0.5	69	0.4
2295	Wrench	60	0.3	52	0.3
2299	Other, inc. Needle	246	1.1	208	1.1
23--	Hand Tool, Powered	416	1.9	342	1.8
2355	Saw	104	0.5	83	0.4
2400	Heat-Atmosphere Environment	26	0.1	16	0.1
2500	Heating Equipment	73	0.3	59	0.3
26--	Hoisting Apparatus	88	0.4	87	0.5
2700	Infectious, Parasitic Agent	86	0.4	85	0.4
28--	Ladder	79	0.4	63	0.3

**Table 19. (Con'd) Source of Injury or Illness
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes	Source of Injury or Illness	Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
29--	Liquid. NEC	55	0.3	49	0.3
3---	Machine	1,001	4.6	937	4.9
3001	Agitator, Mixer, Tumbler	21	0.1	20	0.1
3100	Buffer, Sander, Grinder	50	0.2	23	0.1
3250	Drilling, Boring	23	0.1	18	0.1
3300	Highway Construction	39	0.2	50	0.3
3400	Office Machine	220	1.0	230	1.2
3750	Saw	87	0.4	79	0.4
3850	Shears, Slitter, Slicer	116	0.5	114	0.6
3900	Stitching/Sewing Machine	18	0.1	21	0.1
41--	Metal Item	1,316	6.0	1,022	5.3
4110	Automobile Part	95	0.4	87	0.5
4115	Beam, Bar	281	1.3	200	1.0
4120	Bullet from Gun	1	0.0	1	0.0
4140	Pipe and Fitting	210	1.0	177	0.9
4150	Casting, Forging, etc.	275	1.3	201	1.0
4155	Nail, Screw, Staple	124	0.6	106	0.6
4165	Chip, Splinter, Particle	251	1.1	174	0.9
4300	Mineral Item, Nonmetallic	198	0.9	162	0.8
4400	Noise	3	0.0	3	0.0
4500	Paper and Pulp	102	0.5	99	0.5
4600	Unidentified Particle	156	0.7	113	0.6
4700	Plant, Tree, Vegetation	277	1.3	209	1.1
4800	Plastic Item, NEC	27	0.1	21	0.1
49--	Pump and Prime Mover	36	0.2	34	0.2
50--	Radiating Substance/Equip.	65	0.3	33	0.2
5070	Welding Equipment	64	0.3	31	0.2
5300	Scrap, Debris, Waste	5	0.0	4	0.0
5400	Steam	17	0.1	8	0.0
5500	Textile Item, NEC	104	0.5	71	0.4
56--	Vehicle	1,367	6.2	1,330	6.9
5620	Highway Vehicle, Powered	657	3.0	665	3.5
563-	Plant/Industrial Vehicle	620	2.8	603	3.1
5631	Nonpowered Vehicle	487	2.2	429	2.2
5635	Powered Carriers	100	0.5	135	0.7
57--	Wood Item	646	2.9	521	2.7
5710	Log	66	0.3	83	0.4
5720	Lumber	253	1.2	213	1.1
5730	Skid, Pallet	177	0.8	116	0.6
58--	Working Surface	2,880	13.1	2,509	13.1
5801	Floor	1,250	5.7	1,058	5.5
5810	Ground	1,139	5.2	980	5.1
5840	Stair, Step	285	1.3	273	1.4
60--	Person	1,896	8.7	1,797	9.4
6010	Person, Inj. (Heart, etc.)	496	2.3	504	2.6
6020	Person, Other Than Injured	1,400	6.4	1,293	6.7
6100	Recreation/Athletic Equip.	60	0.3	40	0.2
62--	Rubber Product	108	0.5	99	0.5
6210	Tire	101	0.5	98	0.5
6500	Ice, Snow	6	0.0	6	0.0
8800	Source, NEC	1,179	5.4	1,118	5.8
9800	Nonclassifiable	1,673	7.6	1,595	8.3

Table 20.

**Type of Accident or Exposure
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes Type of Accident or Exposure		Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
01-	Struck Against	1,724	7.9	1,182	6.2
011	Stationary Object	1,545	7.0	1,041	5.4
012	Moving Object	163	0.7	134	0.7
02-	Struck By	2,492	11.4	2,101	11.0
021	Falling Object	814	3.7	731	3.8
022	Flying Object	124	0.6	96	0.5
03-	Fall From Elevation	1,214	5.5	1,024	5.3
031	From Staging	101	0.5	74	0.4
032	From Ladder	229	1.0	188	1.0
034	From Vehicle	191	0.9	183	1.0
035	On Stairs	281	1.3	251	1.3
05-	Fall to Same Level	1,856	8.5	1,635	8.5
051	Fall to Working Surface	1,595	7.3	1,405	7.3
052	Fall Onto/Against Object	259	1.2	225	1.2
06-	Caught in, Under or Between	328	1.5	352	1.8
061	In-running or Meshing Object	2	0.0	1	0.0
062	Moving and Stationary Object	164	0.7	125	0.7
08-	Rubbed or Abraded	577	2.6	443	2.3
082	Object Being Handled	12	0.1	20	0.1
084	Foreign Matter in Eye	468	2.1	336	1.8
100	Bodily Reaction	1,726	7.9	1,517	7.9
12-	Overexertion	9,366	42.7	8,599	44.9
121	Lifting Object	3,492	15.9	3,106	16.2
122	Pulling/Pushing Object	1,098	5.0	886	4.6
123	Wielding, Throwing, Holding, Carrying Object	1,280	5.8	1,000	5.2
130	Contact w/Electric Current	28	0.1	17	0.1
15-	Contact w/Temperature Extreme	285	1.3	246	1.3
153	Hot Object	247	1.1	218	1.1
18-	Contact with Radiation, Caustic, etc.	653	3.0	515	2.7
181	By Inhalation	183	0.8	152	0.8
183	By Absorption	345	1.6	233	1.2
20-	Transportation Accident, Other than Motor Vehicle	5	0.0	2	0.0
3--	Motor Vehicle Accident	347	1.6	371	1.9
31-	Both Vehicles in Motion	117	0.5	103	0.5
32-	Struck Standing Vehicle or Stationary Object	101	0.5	102	0.5
33-	Noncollision Accident	85	0.4	102	0.5
40-	Exposure to Noise	3	0.0	3	0.0
500	Explosion	14	0.1	20	0.1
6--	Nonhighway Motor Vehicle Accident	57	0.3	67	0.3
899	Accident Type, NEC	706	3.2	639	3.3
999	Nonclassifiable	538	2.5	326	1.7

Table 21.

**Associated Object or Substance
Disabling Cases, Number and Percent
Maine, 1991-1992**

Codes	Associated Object or Substance	Disabling Cases			
		1991		1992	
		Number	Percent	Number	Percent
	Total	21,919	100.0	19,161	100.0
01--	Air Pressure	2	0.0	1	0.0
02--	Animal, Insect, etc.	107	0.5	55	0.3
03--	Animal Product	77	0.4	43	0.2
0400	Bodily Motion	1,086	5.0	901	4.7
05--	Boiler, Pressure Vessel	199	0.9	164	0.9
06--	Box, Barrel, Container	2,778	12.7	2,367	12.4
07--	Building and Structure	498	2.3	426	2.2
08--	Ceramic Tile	13	0.1	13	0.1
09--	Chemical, Chemical Compound	276	1.3	185	1.0
10--	Clothing	119	0.5	109	0.6
11--	Coal and Petroleum Product	30	0.1	34	0.2
1200	Cold-Atmosphere/Environment	8	0.0	7	0.0
13--	Conveyor	50	0.2	49	0.3
14--	Drugs and Medicine	9	0.0	14	0.1
15--	Electric Apparatus	221	1.0	188	1.0
16--	Excavation, Trench, etc.	1	0.0	1	0.0
1700	Flame, Fire, Smoke	34	0.2	25	0.1
18--	Food Product	107	0.5	105	0.5
19--	Furniture, Fixture, etc.	828	3.8	716	3.7
2000	Glass Item, NEC	67	0.3	37	0.2
22--	Hand Tool, Not Powered	1,028	4.7	876	4.6
23--	Hand Tool, Powered	642	2.9	480	2.5
2400	Heat-Atmosphere/Environment	20	0.1	16	0.1
2500	Heating Equipment	94	0.4	73	0.4
26--	Hoisting Apparatus	121	0.6	108	0.6
2700	Infectious, Parasitic Agents	84	0.4	86	0.4
28--	Ladder	328	1.5	267	1.4
29--	Liquid, NEC	25	0.1	33	0.2
3--	Machine	1,121	5.1	1,044	5.4
41--	Metal Item	968	4.4	773	4.0
4300	Mineral Item, Nonmetallic	142	0.6	129	0.7
4400	Noise	3	0.0	3	0.0
4500	Paper and Pulp	103	0.5	99	0.5
4600	Unidentified Particle	2	0.0	3	0.0
4700	Plant, Tree, Vegetation	278	1.3	206	1.1
4800	Plastic Item, NEC	30	0.1	25	0.1
49--	Pump and Prime Mover	36	0.2	33	0.2
50--	Radiating Substance/Equipment	9	0.0	10	0.1
5300	Scrap, Debris, Waste	2	0.0	2	0.0
5400	Steam	4	0.0	2	0.0
5500	Textile Item, NEC	110	0.5	75	0.4
56--	Vehicle	1,660	7.6	1,612	8.4
57--	Wood Item	631	2.9	509	2.7
60--	Person	1,978	9.0	1,862	9.7
6100	Recreation/Athletic Equip.	87	0.4	62	0.3
62--	Rubber Product	110	0.5	100	0.5
63--	Pile, Stack	56	0.3	31	0.2
64--	Working Surface	2,600	11.9	2,344	12.2
6500	Ice, Snow	4	0.0	5	0.0
8800	Source, NEC	1,190	5.4	1,112	5.8
9800	Nonclassifiable	1,943	8.9	1,741	9.1

Table 22.

**Industry of Injured or Ill Worker
Disabling Cases, Number by Sex
Maine, 1992**

Industry	Disabling Cases		
	Total	Male	Female
Total, All Industries	19,161	12,141	7,020
SIC Total, Private Sector	16,763	10,639	6,124
Agriculture, Forestry, Fishing	312	251	61
01 Agricultural Production, Crop	115	97	18
02 Agricultural Production, Livestock	28	20	8
07 Agricultural Services	135	106	29
08 Forestry	15	15	0
09 Fishing, Hunting, Trapping	19	13	6
Mining and Unknown	57	45	12
Construction	1,465	1,429	36
15 General Building Contractor	431	425	6
152 Residential Building Construction	262	257	5
154 Nonresidential Building Construction	165	164	1
16 Heavy Construction Contractor	243	232	11
161 Highway and Street Construction	111	105	6
162 Heavy Construction, Except Highway	132	127	5
17 Special Trade Contractor	791	772	19
171 Plumbing, Heating, Air Conditioning	120	117	3
173 Electrical Work	82	80	2
174 Masonry, Stonework, and Plastering	127	123	4
176 Roofing and Sheet Metal Work	80	79	1
179 Miscellaneous Special Trade Contractor	243	234	9
Manufacturing	5,156	3,915	1,241
20 Food and Kindred Product	533	423	110
201 Meat Product	74	54	20
2015 Poultry Slaughtering and Processing	28	19	9
203 Preserved Fruits and Vegetables	125	86	39
2037 Frozen Fruits and Vegetables	113	76	37
205 Bakery Products	123	107	16
209 Miscellaneous Foods, and Kindred Products	76	47	29
2091 Canned and Cured Seafoods	56	29	27
2092 Fresh or Frozen Packaged Fish	15	14	1
22 Textile Mill Products	278	169	109
222 Weaving Mills, Synthetics	24	20	4
223 Weaving and Finishing Mills, Wool	128	80	48
23 Apparel and Other Textile Products	111	34	77
24 Lumber and Wood Products	835	735	100
241 Logging Camps and Logging Contractors	306	302	4
242 Sawmills and Planing Mills	215	200	15
2421 Sawmills, and Planing Mills, General	198	187	11
2426 Hardwood Dimensions and Flooring	17	13	4
243 Millwork, Plywood, and Structural Members	33	24	9
245 Wood Buildings, and Mobile Homes	37	34	3
249 Miscellaneous Wood Products	220	151	69
25 Furniture and Fixtures	51	35	16
251 Household Furniture	42	29	13
26 Paper and Allied Products	695	596	99
261 Pulp Mills	25	22	3
262 Paper Mills, Except Building Paper	569	494	75
267 Miscellaneous Converted Paper Products	56	40	16
27 Printing and Publishing	135	94	41
28 Chemical and Allied Products	28	17	11
29 Petroleum and Coal Products	14	13	1
30 Rubber and Miscellaneous Plastics Products	169	107	62
302 Rubber and Plastics Footwear	8	2	6
308 Miscellaneous Plastics Products	105	53	52

**Table 22. (Con'd) Industry of Injured or Ill Worker
Disabling Cases, Number by Sex
Maine, 1992**

SIC Industry	Disabling Cases		
	Total	Male	Female
31 Leather and Leather Products	567	306	261
311 Leather Tanning and Finishing	95	87	8
313 Boot and Shoe Cut Stock and Findings	4	4	0
314 Footwear, Except Rubber	466	215	251
3143 Men's Footwear, Except Athletic	215	109	106
3144 Women's Footwear, Except Athletic	143	66	77
3149 Footwear, Except Rubber, Other	75	28	47
32 Stone, Clay and Glass Products	79	68	11
327 Concrete, Gypsum, and Plaster Products	46	44	2
33 Primary Metal Industries	25	20	5
34 Fabricated Metal Products	176	147	29
344 Fabricated Structural Metal Products	79	78	1
348 Ordnance and Access. exc. Veh., Missiles	15	10	5
35 Industrial and Commercial Machinery and Computer Equipment	141	124	17
353 Construction and Material Handling Mach.	8	8	0
354 Metalworking Machinery	26	24	2
36 Electric and Electronic Equipment	211	66	145
366 Communication Equipment	26	8	18
367 Electronic Components and Accessories	68	22	46
37 Transportation Equipment	1,057	935	122
372 Aircraft and Parts	89	65	24
373 Ship and Boat Building and Repairing	926	842	84
3731 Ship Building and Repairing	881	800	81
3732 Boat Building and Repairing	45	42	3
38 Instruments and Related Products	35	17	18
39 Miscellaneous Manufacturing Industries	14	8	6
Transportation and Public Utilities	968	859	109
41 Local Passenger Transit	44	23	21
42 Trucking and Warehousing	590	562	28
421 Trucking, Local and Long Distance	571	548	23
44 Water Transportation	33	32	1
45 Transportation by Air	38	33	5
46 Pipelines, except Natural Gas	3	2	1
47 Transportation Services	2	1	1
48 Communication	79	61	18
49 Electric, Gas, and Sanitary Services	179	145	34
491 Electric Services	137	105	32
Wholesale Trade	1,192	1,020	172
50 Wholesale Trade, Durable Goods	417	378	39
508 Machinery, Equipment, and Supplies	104	100	4
51 Wholesale Trade, Nondurable Goods	775	642	133
514 Groceries and Related Products	476	426	50
Retail Trade	3,311	1,731	1,580
52 Building Materials, Hardware, Mobile Homes	187	164	23
521 Lumber and Other Building Materials	110	100	10
53 General Merchandise Stores	397	162	235
531 Department Stores	297	118	179
54 Food Stores	946	423	523
541 Grocery Stores	884	382	502
55 Automotive Dealers and Service Stations	344	291	53
551 New and Used Car Dealers	108	99	9
553 Gasoline Service Stations	73	68	5
56 Apparel Stores	103	31	72
57 Furniture and Home Furnishings Stores	85	69	16
58 Eating and Drinking Places	734	328	406
59 Miscellaneous Retail	515	263	252
594 Miscellaneous Shopping Goods Stores	91	29	62
Finance, Insurance, and Real Estate	287	90	197
60 Depository Institutions	83	9	74
61 Nondepository Credit Institutions	1	0	1
62 Security and Commodity Brokers, etc.	2	2	0
63 Insurance Carriers	75	15	60
64 Insurance Agents, Brokers and Service	38	8	30
65 Real Estate	83	55	28
67 Holding and Other Investment Offices	5	1	4

Table 22. (Con'd)

**Industry of Injured or Ill Worker
Disabling Cases, Number by Sex
Maine, 1992**

SIC Industry	Disabling Cases		
	Total	Male	Female
Services	4,015	1,299	2,716
70 Hotels and Other Lodging	291	114	177
701 Hotels, Motels, and Tourist Courts	244	87	157
72 Personal Services	105	38	67
73 Business Services	422	255	167
75 Auto Repair, Services, and Garages	148	137	11
753 Automotive Repair Shops	100	96	4
76 Miscellaneous Repair Services	68	67	1
78 Motion Pictures	7	0	7
79 Amusement and Recreation Service	135	102	33
80 Health Services	2,030	275	1,755
805 Nursing and Personal Care Facilities	1,014	98	916
806 Hospitals	802	160	642
81 Legal Services	48	7	41
82 Educational Services	111	47	64
822 Colleges and Universities	53	24	29
83 Social Services	400	118	282
84 Museums, Art Galleries, Botanical Gardens	3	2	1
86 Membership Organizations	87	41	46
87 Engineering, Accounting, Research Services	139	88	51
88 Private Households	17	5	12
89 Miscellaneous Services	4	3	1
Total, Public Sector	2,398	1,502	896
State Government	768	419	349
Highway and Street Construction	117	102	15
Hospitals	162	63	99
Colleges and Universities	93	47	46
Social Services	91	38	53
Public Administration	266	144	122
Police Protection	0	0	0
Correctional Institutions	0	0	0
Local Government	1,630	1,083	547
Highway and Street Construction	213	206	7
Sanitary Services	112	109	3
Amusement and Recreation Services	31	26	5
Educational Services	549	213	336
Public Administration	586	466	120
Police Protection	0	0	0
Fire Protection	0	0	0

Note: Totals for each major division are the sums of the 2-digit SIC's.

Table 23.

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Age
Maine, 1992**

Occupation	Disabling Cases									
	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	19,161	22	591	2,592	6,201	4,851	2,981	1,446	233	244
Executive, Administrative, Managerial	570	0	2	38	127	180	137	71	6	9
Manager, Administrator, NEC	293	0	1	30	68	89	69	29	3	4
Management Related Occupation (e.g., Accountant, Buyer, Personnel Officer)	201	0	1	8	46	69	45	26	2	4
Professional Specialty	699	0	11	47	168	242	151	62	12	6
Registered Nurse	249	0	0	5	71	93	52	22	5	1
Elementary Teacher	85	0	0	2	13	28	25	14	3	0
Secondary Teacher	34	0	0	0	4	11	12	7	0	0
Social Worker	46	0	1	5	7	21	9	3	0	0
Technician, Support Staff	306	0	0	30	97	108	51	16	2	2
Licensed Practical Nurse	94	0	0	4	27	37	18	7	0	1
Health Technologist, Technician, NEC	93	0	0	14	27	34	15	2	1	0
Sales	882	0	57	160	244	201	133	56	12	19
Supervisor, Sales Occupation	160	0	2	6	56	55	26	12	2	1
Sales Worker	592	0	50	137	146	116	81	38	8	16
Administrative Support	1,073	1	9	114	318	296	206	93	17	19
Secretary	165	0	0	17	45	53	29	13	4	4
Bookkeeper, Account Clerk	60	0	0	4	14	22	8	9	2	1
Shipping, Receiving Clerk	150	0	2	21	67	34	17	9	0	0
Stock, Inventory Clerk	39	1	0	7	12	7	4	6	1	1
Household Occupation	1	0	0	0	0	0	1	0	0	0
Laundrer, Cook, Child Care Worker	1	0	0	0	0	0	1	0	0	0
Protective Services	539	0	7	37	179	185	92	32	4	3
Firefighter	181	0	3	16	68	57	28	8	0	1
Police, Detective	150	0	0	10	62	56	15	7	0	0
Guard, Police, exc. Public Service	58	0	1	1	13	20	10	7	4	2
Services	3,845	13	218	629	1,066	854	593	337	73	62
Waiter, Waitress	171	0	5	52	55	31	18	7	0	3
Cook	319	0	18	60	92	65	44	23	9	8
Kitchen Worker, Food Preparation	520	2	73	130	106	81	58	45	10	15
Health Aide, Except Nursing	181	0	11	26	51	37	26	21	7	2
Nursing Aide	1,332	0	30	199	447	336	222	76	10	12
Maid, Housemen	312	1	9	41	76	72	58	41	6	8
Janitor, Cleaner	604	6	24	48	142	155	112	84	27	6

Table 23.

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Age
Maine, 1992**

Occupation	Disabling Cases									
	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	19,161	22	591	2,592	6,201	4,851	2,981	1,446	233	244
Executive, Administrative, Managerial	570	0	2	38	127	180	137	71	6	9
Manager, Administrator, NEC	293	0	1	30	68	89	69	29	3	4
Management Related Occupation (e.g., Accountant, Buyer, Personnel Officer)	201	0	1	8	46	69	45	26	2	4
Professional Specialty	699	0	11	47	168	242	151	62	12	6
Registered Nurse	249	0	0	5	71	93	52	22	5	1
Elementary Teacher	85	0	0	2	13	28	25	14	3	0
Secondary Teacher	34	0	0	0	4	11	12	7	0	0
Social Worker	46	0	1	5	7	21	9	3	0	0
Technician, Support Staff	306	0	0	30	97	108	51	16	2	2
Licensed Practical Nurse	94	0	0	4	27	37	18	7	0	1
Health Technologist, Technician, NEC	93	0	0	14	27	34	15	2	1	0
Sales	882	0	57	160	244	201	133	56	12	19
Supervisor, Sales Occupation	160	0	2	6	56	55	26	12	2	1
Sales Worker	592	0	50	137	146	116	81	38	8	16
Administrative Support	1,073	1	9	114	318	296	206	93	17	19
Secretary	165	0	0	17	45	53	29	13	4	4
Bookkeeper, Account Clerk	60	0	0	4	14	22	8	9	2	1
Shipping, Receiving Clerk	150	0	2	21	67	34	17	9	0	0
Stock, Inventory Clerk	39	1	0	7	12	7	4	6	1	1
Household Occupation	1	0	0	0	0	0	1	0	0	0
Launderer, Cook, Child Care Worker	1	0	0	0	0	0	1	0	0	0
Protective Services	539	0	7	37	179	185	92	32	4	3
Firefighter	181	0	3	16	68	57	28	8	0	1
Police, Detective	150	0	0	10	62	56	15	7	0	0
Guard, Police, exc. Public Service	58	0	1	1	13	20	10	7	4	2
Services	3,845	13	218	629	1,066	854	593	337	73	62
Waiter, Waitress	171	0	5	52	55	31	18	7	0	3
Cook	319	0	18	60	92	65	44	23	9	8
Kitchen Worker, Food Preparation	520	2	73	130	106	81	58	45	10	15
Health Aide, Except Nursing	181	0	11	26	51	37	26	21	7	2
Nursing Aide	1,332	0	30	199	447	336	222	76	10	12
Maid, Housemen	312	1	9	41	76	72	58	41	6	8
Janitor, Cleaner	604	6	24	48	142	155	112	84	27	6

Table 23. (Con'd)

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Age
Maine, 1992**

Occupation	Disabling Cases									
	Total All Age	15 Years Or Less	16-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 Years Or More	Age Unknown
Farming, Fishing, Forestry	692	3	25	94	216	162	102	60	13	17
Farm Worker	141	0	9	25	38	31	20	9	4	5
Groundskeeper, Gardener, exc. Farm	160	2	9	28	44	37	16	16	5	3
Logging Occupation	256	0	1	14	90	65	50	25	4	7
Precision Craft and Repair	3,294	0	28	283	1,229	919	535	247	22	31
Supervisor, Mechanic, Repairer	45	0	1	1	12	11	16	4	0	0
Auto Mechanic	196	0	3	30	69	59	26	6	1	2
Bus, Truck Mechanic	98	0	1	10	33	30	13	9	1	1
Industrial Machinery Maintenance Occup.	112	0	0	1	30	34	29	15	3	0
Machinery Maintenance Occupation	90	0	0	5	21	25	30	8	1	0
Heating, Air Conditioning, Refrigeration Mechanic	101	0	0	4	44	29	10	13	1	0
Millwright	78	0	0	1	15	33	16	12	1	0
Supervisor, Construction Occupation	114	0	1	4	31	44	22	10	1	1
Carpenter	425	0	3	59	189	105	33	27	1	8
Electrician	175	0	0	5	73	49	34	11	1	2
Plumber, Pipefitter, Steamfitter	269	0	1	17	114	65	49	20	1	2
Roofer	45	0	1	6	23	13	1	1	0	0
Structural Metal Worker	24	0	0	3	10	8	2	1	0	0
Supervisor, Production Occupation	87	0	0	6	25	26	14	14	1	1
Boilermaker	8	0	0	0	2	3	3	0	0	0
Lay-out Worker	74	0	0	7	33	23	10	1	0	0
Water and Sewage Treatment Plant Oper.	40	0	0	1	16	16	5	2	0	0
Machine Operator, Assembler, Inspector	2,874	1	56	381	998	762	430	204	22	20
Metal and Plastic Lathe Operator	8	0	0	0	3	3	0	1	1	0
Grinding and Buffing Machine Operator	33	0	0	2	9	15	4	3	0	0
Wood Lathe, Routing, Planing Operator	21	0	0	7	4	4	4	2	0	0
Sawing Machine Operator	81	0	3	14	27	25	5	7	0	0
Printing Machine Operator	66	0	1	10	19	13	17	5	1	0
Winding, Twisting Machine Operator	55	0	1	7	16	13	8	9	0	1
Textile Sewing Machine Operator	42	0	1	4	13	8	11	3	1	1
Shoe Machine Operator	380	0	12	61	120	85	59	32	5	6
Miscellaneous Textile Machine Operator	49	0	0	4	23	10	9	2	0	1
Paint Spraying Machine Operator	165	0	0	22	75	40	17	10	0	1
Furnace, Kiln, Oven Operator	35	0	0	3	9	12	7	4	0	0
Slicing, Cutting Machine Operator	37	0	0	4	16	8	6	3	0	0
Welder, Cutter	208	0	0	21	93	64	23	7	0	0
Assembler	162	0	8	19	56	39	26	8	3	3
Miscellaneous Hand Working Occupation	52	0	2	8	15	11	13	2	1	0
Production Inspector	108	0	0	7	32	33	23	10	1	2
Transportation and Material Moving Oc.	1,486	0	7	98	500	407	298	140	22	14
Truck Driver	997	0	4	63	327	277	213	93	12	8
Bus Driver	71	0	0	0	9	26	20	11	4	1
Crane Operator	15	0	0	2	5	4	4	0	0	0
Excavating and Loading Machine Oper.	11	0	0	2	2	6	1	0	0	0
Industrial Truck and Tractor Operator (Forklift, Skidder)	105	0	1	12	40	25	15	9	1	2

Table 23. (Con'd)

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Age
Maine, 1992**

Occupation	Disabling Cases									
	Total All Age	15 Years Or Less	16-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 Years Or More	Age Unknown
Handler, Cleaner, Helper	2,822	4	169	674	1,033	515	242	125	25	35
Helper, Construction Trade	66	1	2	21	14	19	4	1	0	4
Construction Laborer	437	0	13	95	167	98	36	19	3	6
Stock Handler, Bagger	525	1	58	144	169	80	39	22	8	4
Machine Feeder, Offbearer	55	0	2	12	25	8	3	5	0	0
Hand Packer	117	0	1	25	41	30	13	4	1	2
Laborer, except Construction	1,178	2	64	290	461	189	109	42	8	13
State Military Occupation	4	0	0	0	3	1	0	0	0	0
Occupation Not Reported	74	0	2	7	23	19	10	3	3	7

Table 24.

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Industry Division
Maine, 1992**

Occupation	Disabling Cases										
	Total For All Ind	Manufac- turing	Services	Retail	Con- struc- tion	Whole- sale	Trans. and P.Util.	Agric. Fish. Forest.	Finance Insurance R.Estate	Mining and Other	Public Sector
Total, All Occupations	19,161	5,156	4,015	3,311	1,465	1,192	968	312	287	59	2,396
Executive, Administrative, Managerial	570	62	143	138	14	36	14	3	40	2	118
Manager, Administrator, NEC	293	18	71	117	12	22	9	3	11	1	29
Management Related Occupation (e.g., Accountant, Buyer, Personnel Officer)	201	42	60	20	1	14	4	0	22	1	37
Professional Specialty	699	25	383	11	1	6	15	6	7	2	243
Registered Nurse	249	2	222	0	0	1	0	0	0	0	24
Elementary Teacher	85	0	6	0	0	0	0	0	0	0	79
Secondary Teacher	34	0	2	0	0	0	0	0	0	0	32
Social Worker	46	0	28	0	0	0	0	0	0	0	18
Technician, Support Staff	306	6	208	2	0	2	22	3	3	3	57
Licensed Practical Nurse	94	0	80	0	0	0	0	0	0	0	14
Health Technologist, Technician, NEC	93	0	46	1	0	0	16	0	0	3	27
Sales	882	16	38	704	3	71	10	1	13	1	25
Supervisor, Sales Occupation	160	3	5	144	0	6	0	0	1	0	1
Sales Worker	592	7	26	499	2	24	6	1	2	1	24
Administrative Support	1,073	126	259	192	7	55	79	3	143	5	204
Secretary	165	5	97	7	3	3	6	0	7	3	34
Bookkeeper, Account Clerk	60	6	12	15	1	4	3	0	7	0	12
Shipping, Receiving Clerk	150	49	7	51	0	20	22	0	0	0	1
Stock, Inventory Clerk	39	16	9	11	1	0	0	0	0	0	2
Household Occupation	1	0	1	0	0	0	0	0	0	0	0
Launderer, Cook, Child Care Worker	1	0	1	0	0	0	0	0	0	0	0
Protective Services	539	23	41	3	0	1	0	0	1	2	468
Firefighter	181	0	0	0	0	0	0	0	0	0	181
Police, Detective	150	0	0	0	0	0	0	0	0	1	149
Guard, Police, exc. Public Service	58	20	30	2	0	1	0	0	1	1	3
Services	3,845	50	2,211	896	3	17	9	1	49	7	602
Waiter, Waitress	171	2	30	138	0	0	0	0	0	0	1
Cook	319	0	105	170	0	2	0	0	1	0	41
Kitchen Worker, Food Preparation	520	3	49	413	0	4	0	0	0	1	50
Health Aide, except Nursing	181	0	161	2	0	0	0	0	0	0	18
Nursing Aide	1,332	0	1,145	0	1	0	0	0	13	0	173
Maid, Housemen	312	0	287	4	0	0	0	0	3	0	18
Janitor, Cleaner	604	41	208	55	1	10	4	0	31	6	248
Farming, Fishing, Forestry	592	267	88	20	5	24	10	214	9	5	50
Farm Worker	141	20	4	4	0	1	1	106	0	3	2
Groundskeeper, Gardener, exc. Farm	160	2	52	7	3	0	0	54	9	1	32
Logging Occupation	256	238	2	1	2	0	7	4	0	1	1

Table 24. (Con'd)

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Industry Division
Maine, 1992**

Occupation	Disabling Cases										
	Total For All Ind	Manufac- turing	Services	Retail	Con- struc- tion	Whole- sale	Trans. and P.Util.	Agric. Fish. Forest.	Finance Insurance R.Estate	Mining and Other	Public Sector
Precision Craft and Repair	3,294	1,157	223	380	852	203	204	11	8	10	246
Supervisor, Mechanic, Repairer	45	11	6	4	3	6	5	0	0	0	10
Auto Mechanic	196	1	51	108	0	16	4	0	1	0	15
Bus, Truck Mechanic	98	3	27	12	4	13	26	0	0	0	13
Industrial Machinery Maintenance Occup	112	90	1	0	2	13	1	1	0	1	3
Machinery Maintenance Occupation	90	55	6	1	1	7	14	0	0	0	6
Heating, Air Conditioning, Refrigeration Mechanic	101	2	9	55	16	15	3	0	0	0	1
Millwright	78	69	0	1	8	0	0	0	0	0	0
Supervisor, Construction Occupation	114	6	6	1	78	1	1	0	0	0	21
Carpenter	425	57	22	8	312	7	2	0	4	3	10
Electrician	175	118	5	1	44	1	3	0	0	0	3
Plumber, Pipefitter, Steamfitter	269	162	8	1	80	8	1	0	0	1	8
Roofer	45	3	0	0	42	0	0	0	0	0	0
Structural Metal Worker	24	3	0	0	8	0	0	0	0	0	13
Supervisor, Production Occupation	87	69	6	1	1	7	0	0	0	1	2
Boilermaker	8	0	0	0	7	1	0	0	0	0	0
Lay-out Worker	74	74	0	0	0	0	0	0	0	0	0
Water, Sewage Treatment Plant Operator	40	2	1	0	0	0	1	0	0	0	36
Machine Operator, Assembler, Inspector	2,874	2,500	190	51	31	61	13	1	2	6	19
Metal, Plastic Lathe Operator	8	7	1	0	0	0	0	0	0	0	0
Grinding, Buffing Machine Operator	33	30	3	0	0	0	0	0	0	0	0
Wood Lathe, Routing, Planing Operator	21	21	0	0	0	0	0	0	0	0	0
Sawing Machine Operator	81	76	0	4	1	0	0	0	0	0	0
Printing Machine Operator	66	63	1	0	1	0	1	0	0	0	0
Winding, Twisting Machine Operator	55	55	0	0	0	0	0	0	0	0	0
Textile Sewing Machine Operator	42	38	1	3	0	0	0	0	0	0	0
Shoe Machine Operator	380	371	1	8	0	0	0	0	0	0	0
Miscellaneous Textile Machine Operator	49	46	2	1	0	0	0	0	0	0	0
Paint Spraying Machine Operator	165	163	1	0	1	0	0	0	0	0	0
Furnace, Kiln, Oven Operator	35	23	5	1	2	1	0	0	0	0	3
Slicing, Cutting Machine Operator	37	33	1	0	1	2	0	0	0	0	0
Welder, Cutter	208	177	7	0	18	2	1	0	0	1	2
Assembler	162	129	11	1	5	14	0	0	0	2	0
Miscellaneous Hand Working Occupation	52	51	0	1	0	0	0	0	0	0	0
Production Inspector	108	89	0	15	0	2	1	0	0	0	1
Transportation, Material Moving Occup.	1,486	268	69	142	113	259	467	16	3	6	143
Truck Driver	997	98	49	117	58	192	431	10	0	5	37
Bus Driver	71	1	10	0	0	1	8	0	1	0	50
Crane Operator	15	8	0	0	4	0	3	0	0	0	0
Excavating, Loading Machine Operator	11	0	0	0	9	0	1	1	0	0	0
Industrial Truck, Tractor Operator (Forklift, Skidder)	105	71	1	5	3	15	8	2	0	0	0

Table 24. (Con'd)

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Industry Division
Maine, 1992**

Occupation	Disabling Cases										
	Total For All Ind	Manufac- turing	Services	Retail	Con- struc- tion	Whole- sale	Trans. and P.Util.	Agric. Fish. Forest.	Finance Insurance R.Estate	Mining and Other	Public Sector
Handler, Cleaner, Helper	2,822	632	144	761	431	453	118	52	9	9	213
Helper, Construction Trade	66	0	6	1	52	0	0	0	0	0	7
Construction Laborer	437	0	0	0	347	0	0	0	0	0	90
Stock Handler, Bagger	525	6	7	428	2	75	1	0	0	0	6
Machine Feeder, Offbearer	55	48	4	0	0	3	0	0	0	0	0
Hand Packer	117	77	0	16	0	10	1	12	0	1	0
Laborer, except Construction	1,178	328	101	195	21	336	77	35	8	8	69
State Military Occupation	4	0	0	0	0	0	0	0	0	0	4
Occupation Not Reported	74	24	17	11	5	4	7	1	0	1	4

Table 25.

**Occupation of Injured or Ill Worker
Disabling Cases, Number by Selected Manufacturing Industry
Maine, 1992**

Occupation	Disabling Cases											
	Total All Manuf.	Trans. Equip.	Lumber Wood	Pulp Paper	Leather	Food	Textile	Electric Elec'nc Equip.	Fabric Metal	Rubber and Plastic	Mach. Except Elect.	Other Manuf.
Total, All Occupations	5,156	1,057	836	695	567	534	278	211	176	169	141	492
Executive, Administrative, Managerial	62	25	6	9	0	7	0	1	1	0	2	11
Manager, Administrator, NEC	18	1	5	2	0	1	0	1	0	0	1	7
Management Related Occupation (e.g., Accountant, Buyer, Personnel Officer)	42	24	1	7	0	4	0	0	1	0	1	4
Sales	16	0	1	1	2	7	2	0	0	0	0	3
Sales Worker	7	0	1	1	2	2	0	0	0	0	0	1
Administrative Support	126	7	7	13	8	33	4	4	8	5	3	34
Secretary	5	1	0	1	0	0	1	1	0	0	0	1
Bookkeeper, Account Clerk	6	0	3	0	0	1	0	0	0	0	0	2
Shipping, Receiving Clerk	49	0	2	6	1	25	1	2	3	3	0	6
Stock, Inventory Clerk	16	5	0	2	2	1	0	0	5	0	1	0
Precision Craft and Repair	1,157	559	74	178	28	82	25	54	43	10	45	59
Supervisor, Mechanic, Repairer	11	1	2	2	1	0	0	1	2	0	1	1
Industrial Machinery Maintenance Occup	90	36	9	17	3	13	3	6	0	0	0	3
Machinery Maintenance Occup.	55	2	9	21	1	4	9	1	4	2	0	2
Millwright	69	0	7	53	4	1	3	0	0	0	1	0
Carpenter	57	45	5	0	1	0	0	0	2	0	0	4
Electrician	118	96	3	12	0	1	2	0	0	1	2	1
Plumber, Pipefitter, Steamfitter	162	138	2	20	0	0	0	0	2	0	0	0
Supervisor, Production Occupation	69	3	10	7	7	10	6	3	6	6	3	8
Lay-out Worker	74	73	0	0	0	0	0	0	1	0	0	0
Machine Operator, Assembler, Inspector	2,501	366	250	391	487	121	212	134	98	130	83	229
Metal, Plastic Lathe Operator	7	4	1	0	0	0	0	0	1	0	1	0
Grinding, Buffing Machine Operator	30	16	0	1	0	0	0	1	3	1	3	5
Wood Lathe, Routing, Planing Operator	21	0	21	0	0	0	0	0	0	0	0	0
Sawing Machine Operator	76	1	67	1	0	0	0	0	0	1	0	6
Printing Machine Operator	49	0	1	2	0	0	0	0	0	1	0	45
Winding, Twisting Machine Operator	55	0	0	1	0	0	52	0	0	0	0	2
Textile Sewing Machine Operator	38	0	0	0	3	0	2	0	0	0	1	32
Shoe Machine Operator	371	0	0	0	352	0	0	0	0	15	0	4
Miscellaneous Textile Machine Op.	46	0	0	1	0	0	40	0	0	0	0	5
Paint Spraying Machine Operator	163	160	0	2	0	0	0	0	0	0	0	1
Furnace, Kiln, Oven Operator	23	1	8	10	0	0	1	1	0	0	1	1
Slicing, Cutting Machine Operator	33	0	4	4	3	7	2	1	0	6	2	4
Welders, Cutter	177	97	1	4	0	1	1	8	37	1	23	4
Assembler	129	29	7	2	1	3	1	37	11	14	9	15
Miscellaneous Hand Working Occupation	55	0	1	0	49	1	2	0	0	1	0	1
Production Inspector	89	13	5	6	13	7	3	15	1	5	4	17

Table 25. (Con'd)

Occupation of Injured or Ill Worker
Disabling Cases, Number by Selected Manufacturing Industry
Maine, 1992

		Disabling Cases											
Occupation		Total All Manuf.	Trans. Equip.	Lumber Wood	Pulp Paper	Leather	Food	Textile	Electric Elec'nc Equip.	Fabric. Metal	Rubber and Plastic	Mach. Except Elect.	Other Manuf.
	Transportation and Material Moving Oc.	268	17	80	24	5	104	1	0	2	0	0	35
804	Truck Driver	98	5	25	7	1	29	1	0	2	0	0	28
856	Industrial Truck, Tractor Op. (Forklift, Skidder)	71	2	42	9	3	12	0	0	0	0	0	3
	Handler, Cleaner, Helper	632	50	167	62	33	141	30	12	24	21	3	89
878	Machine Feeder, Offbearer	48	0	19	12	5	1	2	0	0	3	0	6
888	Hand Packer	77	0	9	2	6	34	5	3	2	6	1	9
889	Laborer, except Construction	328	41	85	17	14	80	2	4	19	3	0	63
	Manufacturing Occupation, NEC	372	22	250	17	4	38	4	5	0	1	5	26
	Occupation Not Reported	22	11	1	0	0	1	0	1	0	2	0	6

Table 26.

**Industry of Injured or Ill Worker
Disabling Cases, Number by Nature of Illness
Maine, 1992**

Industry	Total	Nature of Illness									
		Inflam. of Joints	Stress/ Mental Disord.	Conds. of Nervous System	Derma- titis	Systemic Poison- ing	Infective Parasitic Disease	Heart Condi- tion	Conds. of Resp. System	Radia- tion Effects	All Other Diseases
Total, All Industries	2,718	1,309	315	240	129	101	62	50	47	28	437
Total, Private Sector	2,367	1,236	207	215	112	78	54	33	36	26	370
Manufacturing	930	541	90	61	36	25	9	18	16	18	116
Leather and Leather Product	183	141	3	10	9	5	1	2	3	0	9
Transportation Equipment	155	87	23	2	4	10	3	0	3	9	14
Paper and Allied Products	118	43	29	3	2	2	2	6	2	3	26
Lumber/Wood, exc. Furniture	75	41	2	11	4	1	0	2	1	0	13
Food and Kindred Products	70	40	6	5	5	0	1	1	0	0	12
Textile Mill Products	60	37	6	6	1	1	0	2	0	0	7
Electrical/Electronic Equip.	58	33	6	5	5	0	0	0	1	0	8
Rubber and Misc. Plastic	39	28	1	4	1	2	0	0	1	0	2
Apparel and Other Textile	35	20	5	3	0	0	0	1	1	0	5
Fabricated Metal Products	34	21	3	1	0	1	0	1	1	2	4
Machinery, exc. Electrical	25	13	1	2	2	1	1	1	1	2	1
Printing and Publishing	25	11	3	4	0	1	1	0	1	0	4
Furniture and Fixtures	14	6	0	4	0	0	0	0	1	0	3
Other Manufacturing Industry	39	20	2	1	3	1	0	2	0	2	8
Services	535	219	51	62	41	14	32	4	8	1	103
Retail Trade	432	226	19	52	15	13	8	3	7	1	88
Wholesale Trade	132	92	6	11	4	3	2	1	1	1	11
Transportation/Public Utilities	101	40	18	10	1	3	0	4	1	0	24
Finance/Insurance/Real Estate	94	49	20	10	2	3	0	2	2	0	6
Construction	93	45	3	7	8	9	1	1	0	3	16
Agriculture/Forestry/Fishing	42	18	0	2	5	8	2	0	1	2	4
Mining and Other	8	6	0	0	0	0	0	0	0	0	2
Total, Public Sector	351	73	108	25	17	23	8	17	11	2	67
Local Government	207	44	51	18	12	17	4	13	7	1	40
State Government	144	29	57	7	5	6	4	4	4	1	27

Table 27.

Nature of Injury or Illness
Disabling Cases, Number by Part of Body Affected
Maine, 1992

Nature of Injury or Illness	Part of Body Affected										
	1										
	Total	Back	Lower Extrem.	Upper Extrem.	2 Trunk	Multi Parts	Fingers	Head Neck	Body System	Eyes	Not Known
Total	19,161	5,454	3,195	2,857	2,446	1,816	1,231	747	719	535	161
Sprain, Strain	9,685	4,636	1,658	789	1,473	666	145	302	0	0	16
Contusion, Bruise, Crushing	1,535	110	543	270	237	182	116	62	0	12	3
Inflammation of Joint, etc.	1,309	84	87	747	154	182	34	11	0	0	10
Cut, Laceration, Puncture	1,261	0	182	287	14	5	662	89	0	19	3
Fracture	773	16	329	171	101	16	105	32	0	0	3
Multiple Injuries	657	9	53	28	21	463	42	37	0	4	0
Dislocation	441	395	4	0	36	0	2	4	0	0	0
Scratch, Abrasion	425	5	26	10	5	4	6	7	0	362	0
Symptoms/Ill-defined Cond.	368	103	30	27	56	22	2	23	100	1	4
Heat Burn	230	3	54	85	5	41	20	11	0	11	0
Hernia, Rupture	223	0	0	0	223	0	0	0	0	0	0
Dermatitis	129	0	9	59	1	37	7	7	0	0	9
Chemical Burn	77	0	4	8	1	5	1	2	0	56	0
Infective/Parasitic Disease	62	0	5	5	1	14	2	8	21	5	1
Amputation or Enucleation	30	0	2	0	0	0	28	0	0	0	0
Radiation Effects	28	0	1	0	0	1	0	1	0	25	0
Other and Nonclassifiable	1,928	93	208	371	118	178	59	151	598	40	112

1. Excluding fingers.

2. Excluding back.

Table 28.

Nature of Injury or Illness
Disabling Cases, Number by Type of Accident or Exposure
Maine, 1992

Nature of Injury or Illness	Type of Accident or Exposure										
	Total	Over-Exer-tion	Struck by or Against	1 Fall	Bodily Reaction	Contact with Toxic	Rubbed Abraded	Motor Vehicle Accid.	Contact with Temp.Ex	Caught in Under or Between	Other and Unknown
Total	19,161	8,599	3,283	2,659	1,517	515	443	371	246	135	1,393
Sprain, Strain	9,685	6,394	430	1,138	1,344	0	37	138	0	17	187
Contusion, Bruise, Crushing	1,535	4	887	495	0	0	6	29	0	31	83
Inflammation of Joint, etc.	1,309	1,215	1	2	60	0	23	3	0	0	5
Cut, Laceration, Puncture	1,261	2	1,083	58	0	0	21	5	0	29	63
Fracture	773	17	307	347	7	0	2	27	0	11	55
Multiple Injuries	657	13	167	273	3	1	1	108	0	15	76
Dislocation	441	316	6	44	61	0	0	3	0	0	11
Scratch, Abrasion	425	0	76	13	0	0	330	0	0	0	6
Symptoms/Ill-defined Cond.	368	129	10	11	17	34	2	2	0	0	163
Heat Burn	230	0	0	0	0	0	0	0	218	0	12
Hernia, Rupture	223	218	1	3	1	0	0	0	0	0	0
Dermatitis	129	0	0	0	0	126	0	0	0	0	3
Chemical Burn	77	0	0	0	0	77	0	0	0	0	0
Infective/Parasitic Disease	62	0	0	0	0	62	0	0	0	0	0
Amputation or Enucleation	30	0	16	0	0	0	0	0	0	6	8
Radiation Effects	28	0	0	0	0	28	0	0	0	0	0
Other and Nonclassifiable	1,928	291	299	275	24	187	21	56	28	26	721

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

Table 29.

Source of Injury or Illness
Disabling Cases, Number by Nature of Injury or Illness
Maine, 1992

Source of Injury or Illness	Total	Nature of Injury or Illness									
		Sprain Strain	All Diseases	Contu- sion Bruise	Cut Lacer- tion	Fracture	Scratch Abrasion	Heat Burn	Chem. Burn	Ampu- tation	Other and Unknown
Total	19,161	9,685	2,718	1,535	1,261	773	425	230	77	30	2,427
Working Surface	2,509	1,134	37	417	34	331	12	0	0	0	544
Box, Barrel, Container	2,386	1,876	117	116	73	20	3	7	0	0	174
Person	1,797	1,085	452	66	12	12	12	0	0	0	158
Bodily Motion	1,517	1,344	85	0	0	7	0	0	0	0	81
Vehicle	1,330	613	44	214	58	86	6	2	0	2	305
Metal Item	1,022	388	16	99	194	45	147	29	0	1	103
Machine	937	186	249	100	228	31	3	4	0	17	119
Hand Tool, Not Powered	812	319	88	32	303	20	5	2	0	1	42
Furniture, Fixture, etc.	593	326	13	125	38	28	6	0	0	0	57
Wood Item	521	259	34	65	44	38	30	1	0	0	50
Building and Structure	414	176	8	95	27	37	0	0	0	2	69
Hand Tool, Powered	342	154	26	10	99	14	2	8	0	1	28
Plant, Tree, Vegetation	209	52	20	32	12	29	12	0	0	0	52
Chemical, Chemical Compound	203	0	121	0	0	0	1	6	68	0	7
Electric Apparatus	163	88	6	12	12	5	5	1	0	0	34
Mineral Item, Nonmetallic	162	65	6	25	4	10	34	1	0	0	17
Boiler, Pressure Vessel	139	94	4	15	5	8	0	2	0	0	11
Unidentified Particle	113	0	4	0	1	0	101	0	0	0	7
Food Product	111	23	24	0	4	1	1	56	0	0	2
Clothing	90	38	37	1	1	0	6	0	0	0	7
Hoisting Apparatus	87	36	2	16	3	10	1	0	0	2	17
Glass Item, NEC	45	6	1	1	27	0	8	0	0	0	2
Other and Nonclassifiable	3,659	1,423	1,324	94	82	41	30	111	9	4	541

Table 30.

Source of Injury or Illness
Disabling Cases, Number by Type of Accident or Exposure
Maine, 1992

Source of Injury or Illness	Total	Type of Accident or Exposure									
		Over- exer- tion	Struck by or Against	1 Fall	Bodily Reaction	Contact with Toxic	Rubbed Abraded	Motor Vehicle Accid.	Contact with Temp.Ex.	Caught in Under or Between	Other and Unknown
Total	19,161	8,599	3,283	2,659	1,517	515	443	371	246	135	1,393
Working Surface	2,509	1	38	2,409	0	0	58	0	0	0	3
Box, Barrel, Container	2,386	2,071	269	17	0	0	5	0	7	1	16
Person	1,797	1,072	145	0	0	0	0	0	0	0	580
Bodily Motion	1,517	0	0	0	1,517	0	0	0	0	0	0
Vehicle	1,330	452	317	51	0	0	6	371	2	11	120
Metal Item	1,022	394	415	19	0	0	151	0	29	0	14
Machine	937	430	342	14	0	0	1	0	4	80	66
Hand Tool, Unpowered	812	415	382	2	0	0	2	0	2	4	5
Furniture, Fixture, etc.	593	302	243	30	0	0	3	0	0	3	12
Wood Item	521	265	203	10	0	4	24	0	1	0	14
Building and Structure	414	140	217	43	0	0	3	0	0	2	9
Hand Tool, Powered	342	181	128	8	0	0	3	0	8	5	9
Plant, Tree, Vegetation	209	30	145	12	0	19	1	0	0	0	2
Chemical, Chemical Compound	203	0	1	0	0	193	2	0	6	0	1
Electric Apparatus	163	98	43	5	0	0	0	0	1	1	15
Mineral Item, Nonmetallic	162	50	59	12	0	5	34	0	1	0	1
Boiler, Pressure Vessel	139	91	42	4	0	0	0	0	1	0	1
Unidentified Particle	113	0	1	0	0	4	108	0	0	0	0
Food Products	111	35	5	0	0	11	3	0	57	0	0
Clothing	90	66	3	0	0	14	6	0	0	0	1
Hoisting Apparatus	87	35	20	2	0	0	0	0	0	5	25
Glass Item, NEC	45	7	27	0	0	2	9	0	0	0	0
Other and Nonclassifiable	3,659	2,464	238	21	0	263	24	0	127	23	499

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

Table 31.

**Associated Object or Substance
Disabling Cases, Number by Type of Accident or Exposure
Maine, 1992**

Associated Object or Substance	Total	Type of Accident or Exposure									
		Over- exer- tion	Struck by or Against	1 Fall	Bodily Reaction	Contact with Toxic	Rubbed Abraded	Motor Vehicle Accid.	Contact with Temp.Ex.	Caught in Under or Between	Other and Nonclass
Total	19,161	8,599	3,283	2,659	1,517	515	443	371	246	135	1,393
Box, Barrel, Container	2,367	2,020	231	73	5	1	7	0	13	1	16
Working Surface	2,344	101	29	1,592	556	0	58	0	2	1	5
Vehicle	1,612	447	366	247	10	9	28	371	7	11	116
Person	1,862	1,050	157	75	0	0	0	0	1	0	579
Machine	1,044	432	385	50	3	0	25	0	9	79	61
Bodily Motion	901	0	21	12	868	0	0	0	0	0	0
Hand Tool, Unpowered	876	408	410	34	2	1	10	0	2	4	5
Metal Item	773	393	304	17	6	0	26	0	15	0	12
Furniture, Fixture, etc.	716	300	253	128	16	0	4	0	1	3	11
Wood Item	509	263	160	47	7	3	13	0	1	1	14
Hand Tool, Powered	480	179	164	3	0	26	69	0	28	4	7
Building and Structure	426	138	231	36	1	0	6	0	0	2	12
Ladder	267	40	24	193	7	0	1	0	0	1	1
Plant, Tree, Vegetation	206	29	140	14	1	19	1	0	0	0	2
Electric Apparatus	188	98	41	23	4	1	3	0	2	1	15
Chemical, Chemical Compound	185	0	0	0	0	179	1	0	4	0	1
Boiler, Pressure Vessel	164	87	40	13	7	3	6	0	7	0	1
Mineral Item, Nonmetallic	129	49	43	4	9	5	17	0	1	0	1
Clothing	109	66	3	3	3	14	6	0	1	2	11
Hoisting Apparatus	108	35	31	10	3	0	0	0	0	5	24
Food Products	105	35	4	1	0	11	2	0	52	0	0
Heating Equipment, NEC	73	30	8	1	0	0	2	0	24	0	8
Animal, Insect, etc.	43	37	2	0	0	3	1	0	0	0	0
Other and Nonclassifiable	3,674	2,362	236	83	9	240	157	0	76	20	491

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

Appendix A

Technical Notes

Under the Maine Workers' Compensation Act and the Occupational Disease Law, employers must file a First Report of Occupational Injury or Disease or its equivalent to the Workers' Compensation Board. This report must be filed within seven days of notice or knowledge of each incident which resulted in the loss of at least one day's work. 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 Board (WCB)	Unique number assigned sequentially by the WCB.
Employer Number	Bureau of Employment Security (BES)	Unemployment Insurance number assigned by BES.
Industry/Ownership	U.S. Office of Management and Budget, Standard Industrial Classification Manual	A four-digit code assigned to each employer to classify the establishment by type of activity in which they are engaged. An ownership code is also assigned to show whether the employer is in private industry, state government, or local government.
County	State Planning Office, Geographic Coding System	A code is assigned based on the county in which the incident occurred.
Insurance Carrier	National Council of Compensation Insurance (NCCI)	The NCCI number of the employer's insurance carrier is assigned.
Sex	--	From First Report
Age	--	From First Report
Date	--	The date of occurrence is used if applicable. For illnesses, the date of diagnosis is used.
Time of Accident	--	Time listed is converted to the 4-digit, 24 hour system. (Optional)

Appendix A (continued)

<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

In 1991 the State of Maine started participating in the Census of Fatal Occupational Injuries (CFOI). CFOI is a Federal/State cooperative program developed by the U. S. Department of Labor, Bureau of Labor Statistics (BLS) to provide a comprehensive, accurate, descriptive, timely, and accessible census of work-related fatalities. Nationwide, annual estimates of work-related deaths vary widely, from 3,500 to nearly 12,000 depending on the source used. With CFOI, two source documents are needed to verify the work-relatedness of the fatality. Documents such as Workers Compensation First Reports, Death Certificates, Medical Examiners Reports, Autopsies, Motor Vehicle Accident Reports, Marine Resources Accident Reports all give information to verify each fatality. In the past this publication has simply counted the number of First Reports submitted to the Workers' Compensation Board and used that number as a count of work-related fatalities in the State of Maine for that particular year. For instance, in 1992, 41 First Reports were submitted reporting a fatality. By incorporating other source documents, a total of 56 fatalities were reported. Listed below are just a few of the statistics from the CFOI Program. You may contact this office in the fall of 1993 when the complete data should be published.

- * 56 Fatalities reported in 1991
- * 17 out-of scope (considered not work-related)
- * 1 pending (only one source document-need two to verify)
- * 38 work-related fatalities
- * 19 work-related fatalities from injuries
- * 19 work-related fatalities from illnesses
- * 27 of the 56 submitted were Heart Attacks-16 occurring at work
- * 6 of the 58 submitted were Traffic Accidents-4 considered work-related

Listing of Individual Fatality Reports for 1991

The following is a listing of the 41 fatalities received by the Workers' Compensation Commission for the year 1992. They are arranged by industry group and ownership.

Industry	Date	Occupation	Age	Sex	Event
<u>Agriculture, Forestry, and Fishing</u>					
	09-09-92	Farm Worker	56	M	Heart Attack
<u>Construction</u>					
	11-26-92	Foreman	64	M	Heart Attack
	02-27-92	Carpenter	22	M	Collision with Train

Appendix C (continued)

Manufacturing

01-03-92	Truck Driver	64	M	Auto Accident
01-12-92	Chemical Handler	42	M	Suicide-Jump fr.bldg
01-24-92	Logger	48	M	Struck by Tree
02-12-92	Janitor	62	M	Heart Attack
02-28-92	Air Knife Cutter/Splicer	45	M	Heart Attack
03-19-92	Production Worker	48	M	Heart Attack
04-02-92	Roasting/Baking Mach Op	61	M	Heart Attack
04-15-92	Millwright	61	M	Heart Attack
05-15-92	Company President	49	M	Suicide-gunshot
06-02-92	Watchman	67	M	Heart Attack
06-25-92	Chipper Operator	62	M	Heart Attack
09-15-92	Press/Blinder Operator	38	M	Heart Attack
11-11-92	Production Laborer	56	M	Fell from Roof
11-25-92	Maintenance Worker	43	M	Heart Attack
12-03-92	Pipe Coverer	44	M	Heart Attack

Transportation and Public Utilities

02-10-92	Longshoreman	46	M	Heart Attack
06-13-92	Truck Driver	42	M	Auto Accident*
06-13-92	Truck Driver	48	M	Auto Accident*

Wholesale Trade

02-10-92	Wholesale Administrator	57	F	Heart Attack
03-27-92	Company President	46	M	Heart Attack
09-15-92	Sales Representative	49	M	Heart Attack
10-02-92	Shop Mechanic	50	M	Heart Attack

Retail Trade

07-10-92	Production Manager	31	M	Ruptured Aorta
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Finance, Insurance, and Real Estate

07-08-92	Mortgage Processor	55	F	Heart Attack
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Services

01-22-92	Carpenter	25	M	Heart Attack
04-30-92	Attorney	52	M	Heart Attack
06-11-92	Security Guard	45	M	Heart Attack
09-10-92	Truck Driver/Mechanic	64	M	Crushed by Truck
12-29-92	Route Driver	67	M	Heart Attack

Appendix C (continued)

Government

01-12-92	Firefighter	42	M	Smoke Inhalation
01-30-92	Firefighter/Ambul. Driver	39	M	Auto Accident
04-11-92	High School Teacher	53	M	Heart Attack
04-29-92	Tree Trimmer	56	M	Fell fr. Cherry Picker
07-02-92	Highway Crew Supervisor	51	M	Heart Attack
08-13-92	Elementary School Principal	44	M	Heart Attack
10-06-92	Elementary School Teacher	44	M	Heart Attack
11-21-92	Game Warden	49	M	Heart Attack
11-23-92	College Professor	64	M	Heart Attack

* Indicates multiple fatalities from single accident.

Appendix D

Maine's On-Site Job Safety and Health Consultation Program

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

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

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

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

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

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

Maine's Low-Interest Loan Program

The State of Maine has a low interest loan program for Maine employers who wish to purchase equipment which will improve the healthfulness and safety of their workplaces. Loans of up to \$50,000 are provided at three percent interest for a maximum repayment period of ten years. For further information about this program, call the Bureau of Labor Standards at 624-6460 or call the Finance Authority of Maine at 287-FAME.

Appendix E

Comments Form

Characteristics of Work-Related Injuries and Illnesses in Maine, 1992

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 (beginning 1975)
- ___ 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)
- ___ Report of Fatal Occupational Injuries (beginning 1991)
- ___ Injury and Illness Profiles for the Top 20 Occupation and Industry combinations in Maine's Public Sector (beginning 1992)
- ___ Injury and Illness Profiles for the Top 100 Occupation and Industry Combinations in Maine's Private Sector (beginning 1991)

OSHA Recordkeeping Materials

Due to the transfer of OSHA Recordkeeping functions from the U. S. Bureau of Labor Statistics to OSHA, request for Private Sector OSHA Recordkeeping materials should be addressed to:

U. S. Department of Labor
Occupational Safety and Health Administration
Room 121
40 Western Avenue
Augusta, Maine 04330
Tel. (207) 622-8417

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:

Appendix F (continued)

Periodic Profiles:

Upon request the Research & Statistics Division will develop short work injury and illness profiles for specific industries or occupations. Private Sector profiles currently available include:

___ SIC 50	Wholesale Trade
___ SIC 23	Apparel and Other Finished Product
___ SIC 581	Eating and Drinking Places
___ SIC 531	Department Store
___ SIC 203	Canned, Frozen, Preserved Fruit & Vegetables & Food Spec.
___ SIC 82	Educational Services
___ SIC 2499	Wood Products, Not Elsewhere Classified
___ SIC 27	Printing, Publishing & Allied Product
___ SIC 22	Textile Mill Products
___ SIC 16	Heavy Construction other than Building

Occupational Safety and Health Newsletter:

The Bureau of Labor Standards has started a quarterly newsletter, entitled, **Safety and Health Monitor**. The newsletter will contain articles on Occupational Safety and Health topics, safety and health tips, statistics, and information on upcoming training. If you wish to receive the newsletter, we need:

Your name _____

Company name _____

Address _____
