

MAINE STATE LEGISLATURE

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



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

MAINE DEPARTMENT OF
LABOR

BUREAU OF LABOR STANDARDS

Research and Statistics Division

**Census
of
Maine
Manufactures**
1987



John R. McKernan, Jr.
Governor



John Fitzsimmons
Commissioner

James H. McGowan
Director

DEPARTMENT OF LABOR
Bureau of Labor Standards
Research & Statistics Division

A U T H O R I Z A T I O N

Maine Revised Statutes 1964, Title 26, §§ 42, 43, 46: "The Bureau shall collect, assort and arrange statistical details relating to industrial pursuits in the State. He (the Director) may cause to be printed and distributed bulletins that shall be of public interest and benefit to the State."

C O V E R A G E

This survey, insofar as possible, is of universal coverage for Maine manufacturing establishments ranging from the single proprietorships to the largest corporations. Reports covering 2,615 establishments were received since the original mailing in November of 1988. Of these, 191 either did not operate or went out of business during 1987. Final tabulations, according to major breakdown, will appear as usual in the next Census. These tabulations will include any late reports which are not included in this Census.

Taking into consideration the nature of the Maine economy and the extent of coverage in this survey, the data contained in the Census of Maine Manufactures 1987 represent a comprehensive and valid statistical analysis of the Maine manufacturing economy.

James H. McGowan
Director
Bureau of Labor Standards

394092

C E N S U S O F M A I N E M A N U F A C T U R E S - 1987

BLS Bulletin 619

State House Station #45, Augusta, Maine 04333 — Telephone (207) 289-6440
Offices Located at Hallowell Annex, Central Building, Room 300

CENSUS OF MAINE MANUFACTURES

1987

The Research and Statistics Division of the Bureau of Labor Standards gratefully appreciates the contributions made by others toward this publication.

Thanks are due:

To Maine's manufacturing businesses for their cooperation in the collection of Census data, which makes this publication possible;

To the staff of the Bureau of Employment Security's Division of Economic Analysis and Research for their cooperation in providing the employment and wage data herein.

Prepared by:

Research & Statistics Division

John L. Rioux, Director

Robert W. Leighton, Statistician

The contents of this publication are considered to be in the public domain and may be reproduced without permission. We do request, however, that appropriate citation be made.

CENSUS OF MAINE MANUFACTURES
1987

TABLE OF CONTENTS

| | <u>Page</u> |
|---------------------|-------------|
| Authorization | i |
| Coverage | i |

NARRATIVE

| | |
|--|----|
| Census of Maine Manufactures, 1987--Appreciation | ii |
| Maine Production Value | 1 |
| Manufacturing Employment | 3 |
| Union Coverage | 5 |
| Gross Wages | 8 |
| Average Wages | 10 |
| Capital Expenditures | 12 |
| Foreign Imports | 14 |
| Foreign Exports | 15 |
| Value of Manufacturing Product by County Group | 16 |

FIGURES

| | |
|--|---|
| Figure 1. Value of Manufacturing Product in Current and Constant Dollars, Maine 1977-1987 | 1 |
| Figure 2. Value of Manufacturing Product, Percentage by Major Industry Group, Maine 1977 & 1987 | 2 |
| Figure 3. Value of Manufacturing Product by Major Industry Group, Maine 1977, 1986 & 1987 | 3 |
| Figure 4. Manufacturing Employment, Maine 1977-1987 | 4 |
| Figure 5. Manufacturing Employment, Percentage by Major Industry Group, Maine 1977 & 1987 | 4 |
| Figure 6. Manufacturing Employment by Major Industry Group, Maine 1977, 1986 & 1987 | 5 |

TABLE OF CONTENTS (Continued)

| | | |
|------------|--|----|
| Figure 7. | Manufacturing Employment, Percentage Covered by Union Contracts, Maine 1977 & 1987 | 6 |
| Figure 8. | Manufacturing Employment by Major Industry Group, Percentage Covered by Union Contracts, Maine 1977, 1986 & 1987 | 7 |
| Figure 9. | Gross Manufacturing Wages in Current and Constant Dollars, Maine 1977-1987 | 8 |
| Figure 10. | Gross Manufacturing Wages by Major Industry Group, Maine 1977, 1986 & 1987 | 9 |
| Figure 11. | Average Manufacturing Wages in Current and Constant Dollars, Maine 1977-1987 | 10 |
| Figure 12. | Average Manufacturing Wages by Major Industry Group, Maine 1977, 1986 & 1987 | 11 |
| Figure 13. | Capital Expenditures in Manufacturing in Current and Constant Dollars, Maine 1977-1987 | 12 |
| Figure 14. | Capital Expenditures in Manufacturing by Major Industry Group, Maine 1977, 1986 & 1987 | 13 |
| Figure 15. | Imports Used in Manufacturing by Major Industry Group, Maine 1983-1987 | 14 |
| Figure 16. | Manufacturing Exports by Major Industry Group, Maine 1983-1987 | 15 |
| Figure 17. | Value of Manufacturing Product by County Group, Maine 1977, 1986 & 1987 | 16 |
| Figure 18. | Value of Manufacturing Product Index by County Group, Maine 1977-1987 | 17 |
| Figure 19. | Regional Contribution to the Change in Value of Manufacturing Product by County Group, Maine 1977-1987 and 1986-1987 | 17 |

TABLES

| | | |
|----------|--|----|
| Table 1. | Census of Maine Manufactures by Major Industry, 1987 | 18 |
| Table 2. | Maine Capital Expenditures & Foreign Exports by Major Industry, 1987 | 19 |
| Table 3. | Census of Maine Manufactures by Major Industry and Industrial Groups, 1987 | 20 |

TABLE OF CONTENTS (Continued)

| | | |
|-----------|--|----|
| Table 4. | Census of Maine Manufactures by County, 1987 | 24 |
| Table 5. | Maine Capital Expenditures & Foreign Exports by County, 1987 | 25 |
| Table 6. | Census of Maine Manufactures by County, Major Industry & Minor Civil Division, 1987 | 26 |
| Table 7. | Census of Maine Manufactures by Economic Area, 1987 | 34 |
| Table 8. | Maine Capital Expenditures by Economic Area, 1987 .. | 35 |
| Table 9. | Census of Maine Manufactures by Economic Area & Major Industry, 1987 | 36 |
| Table 10. | Census of Maine Manufactures by Plant Size, 1987 ... | 42 |

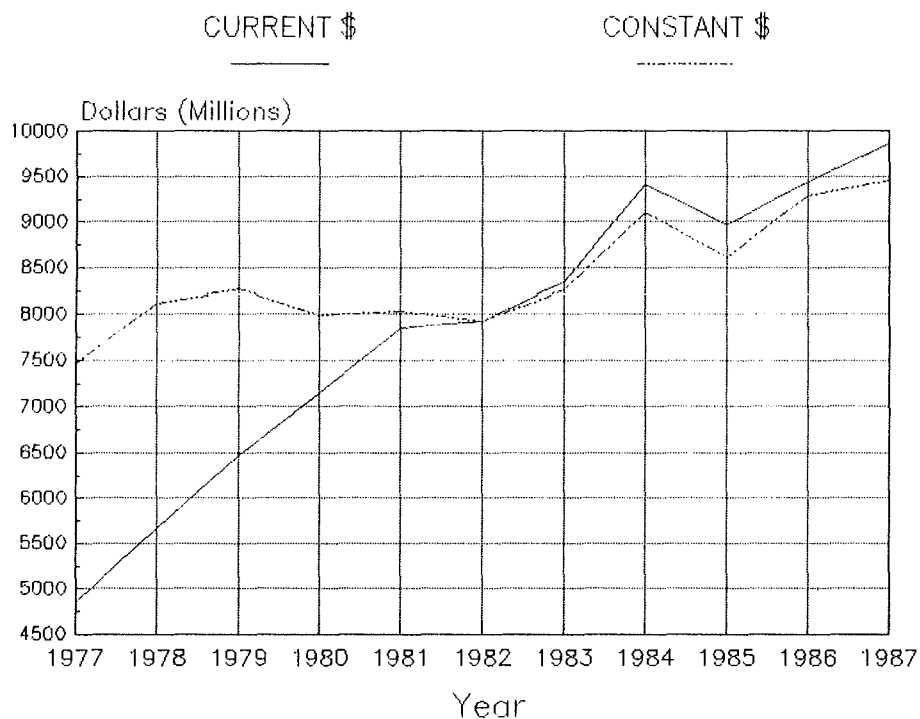
APPENDICES

| | | |
|-------------|--|----|
| Appendix A. | Technical Notes and Definitions | 43 |
| Appendix B. | Major Industry Descriptions, 1972 SIC. | 46 |
| Appendix C. | Geographic Definitions of Economic Areas | 51 |
| Appendix D. | Census of Maine Manufactures by Major Industry Group, 1982-1986 | 54 |
| Appendix E. | Census of Maine Manufactures by County, 1982-1986 | 57 |
| Appendix F. | Raw and Adjusted Data Comparisons, 1986-1987 | 60 |
| Appendix G. | Comments Form | 62 |
| Appendix H. | Order Form | 63 |

Maine Production Value

Maine's gross value of product continued upward in 1987 for the second straight year, rising by 4.5 percent to \$9,870.1 million. In terms of constant dollars (using the Producer Price Index as a deflator), the value of Maine manufactures rose by 4.0 percent. (See Appendix F.)

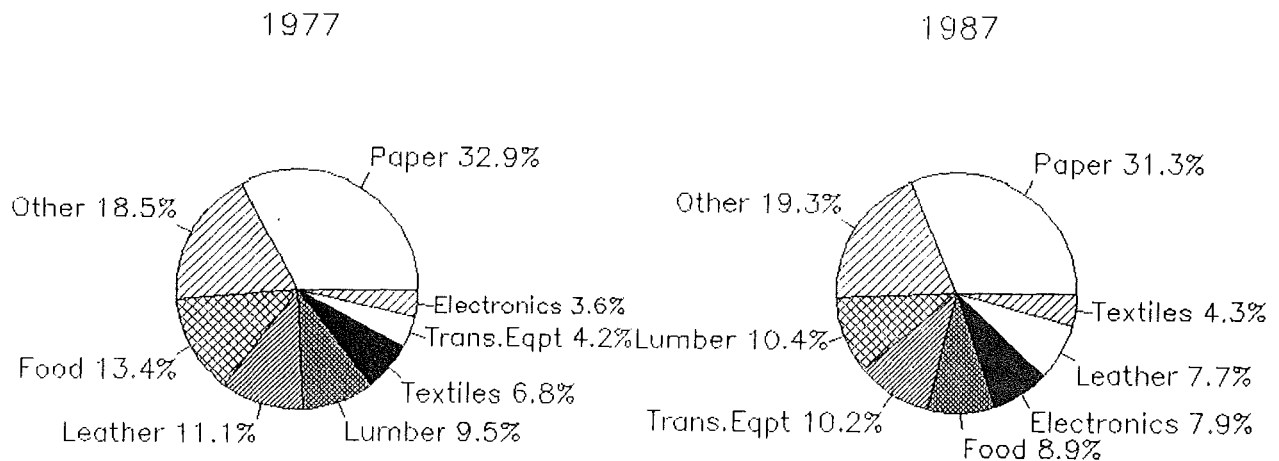
Figure 1. Value of Manufacturing Product
in Current and Constant Dollars
Maine 1977-1987



The value of product for Durable and Nondurable Goods rose 9.3 percent and 1.8 percent respectively.

The Paper industry, which consistently dominates the state's value of product, had a 33.1 percent (\$3,093.1 million) share of the manufacturing value in 1987, increasing 0.2 percent.

Figure 2. Value of Manufacturing Product, Percentage
by Major Industry Group
Maine 1977 & 1987

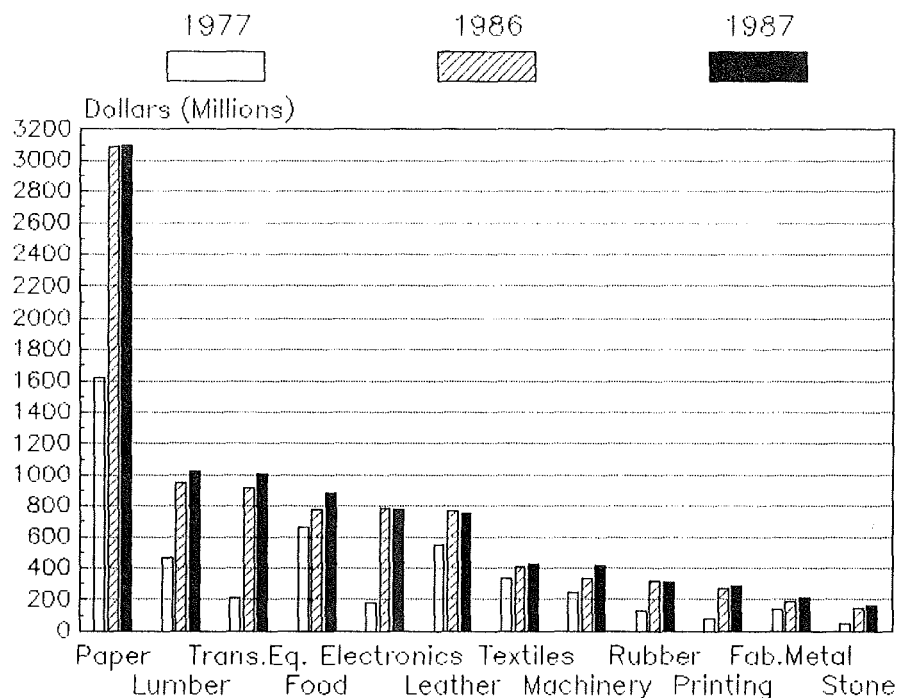


The Lumber & Wood Products group remained in the second position with a 10.4 percent (\$1,027.2 million) share. The Transportation Equipment group remained in the third spot with 10.1 percent (\$1,005.3 million) of the manufacturing value of product.

The Petroleum & Coal Products group and the Furniture group experienced the largest percent increase in 1987, 77.6 percent (\$61.9 million) and 34.4 percent (\$72.4 million) respectively.

The Apparel group and the Primary Metals group suffered the most significant drops in manufacturing value of product, falling 26.2 percent and 10.2 percent respectively.

Figure 3. Value of Manufacturing Product
by Major Industry Group
Maine 1977, 1986 & 1987



Manufacturing Employment

Employment in Maine manufacturing increased overall by 0.8 percent, to 104,356 workers in 1987.

The Paper industry, once again, held the top spot with 16.2 percent of the overall employment; however, employment in the Paper industry dropped by 3.2 percent from 1986 figures.

The Lumber & Wood Products industry employed 13,785 workers in 1987, an increase of 2.2 percent.

Figure 4.

Manufacturing Employment Maine 1977-1987



Figure 5.

Manufacturing Employment, Percentage by Major Industry Group Maine 1977 & 1987

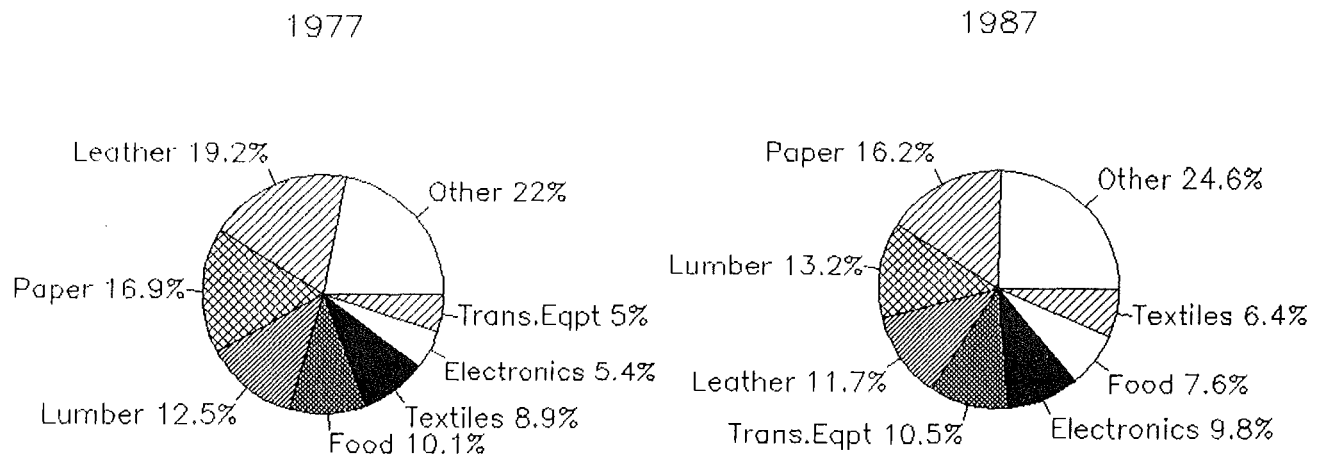
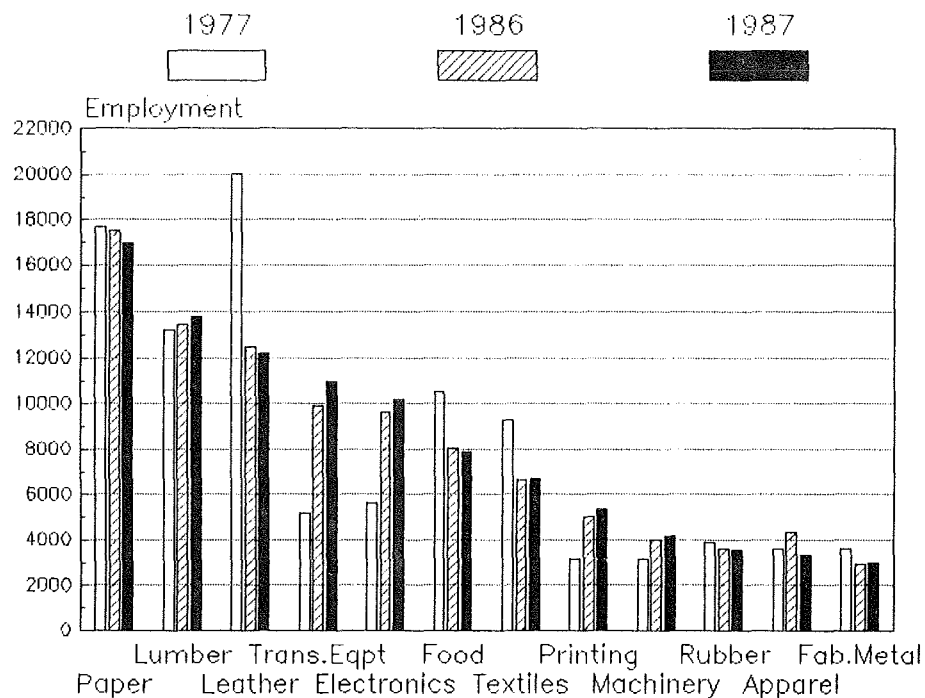


Figure 6.

Manufacturing Employment
by Major Industry Group
Maine 1977, 1986 & 1987



Employment by males increased 0.3 percent in 1987, while employment by females increased by 1.7 percent. The proportion of females in the manufacturing workforce increased 0.3 percent, from 32.8 percent to 33.1 percent in 1986.

Union Coverage

The number of unionized manufacturing workers in Maine dropped once again to 27,926 employees. This sharp drop of 9.2 percent over 1986 figures was due primarily to disruptions in the Paper and Textile industries in 1987.

The percentage of unionized manufacturing workers decreased from 29.7 percent to 26.8 percent in 1987, compared with 1977 when 34.2 percent of the manufacturing workforce was organized.

Of all unionized manufacturing workers in the state, 41.2 percent were in the Paper industry. This industry also had the highest reported proportion of unionization at 68.0 percent, although a drop of 14.8 percent in unionized workers occurred in the industry from 1986 to 1987.

Figure 7. Manufacturing Employment
Percentage Covered by Union Contracts
Maine 1977 & 1987

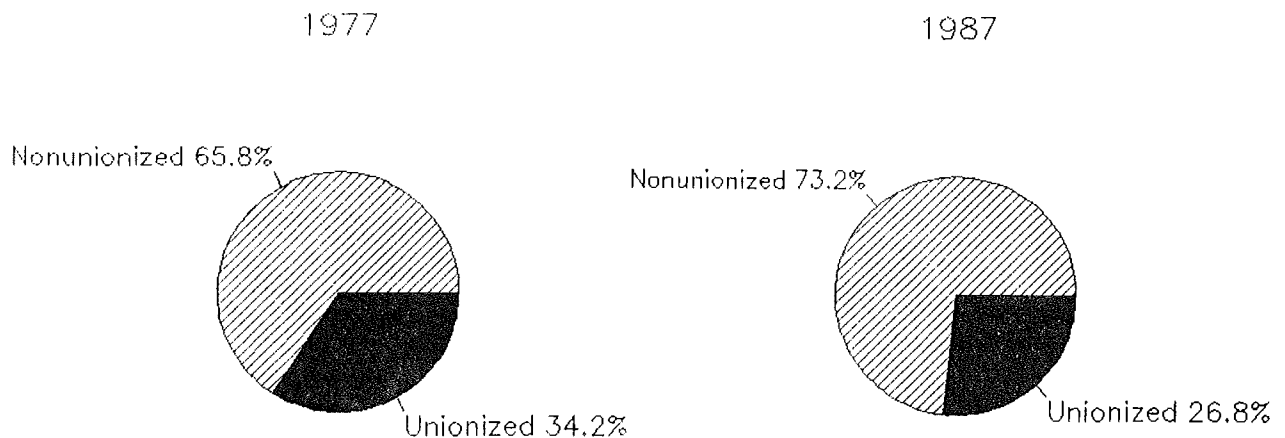
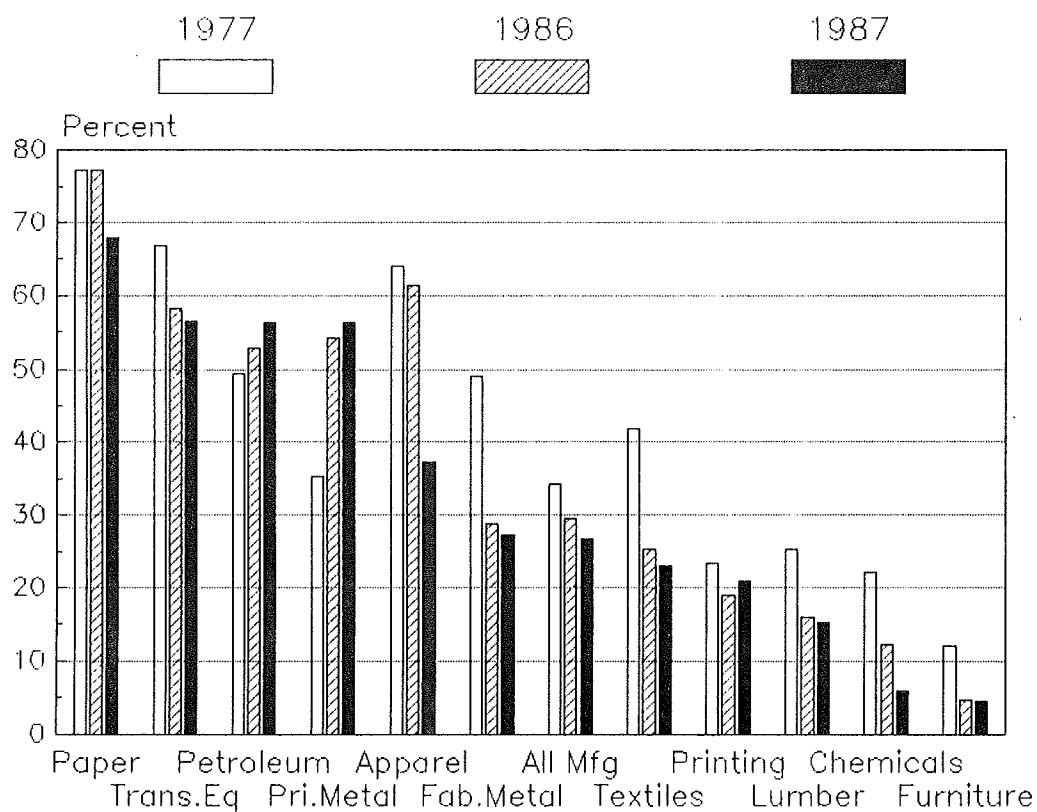


Figure 8. Manufacturing Employment by Major Industry Group, Percentage Covered by Union Contracts
Maine 1977, 1986 & 1987

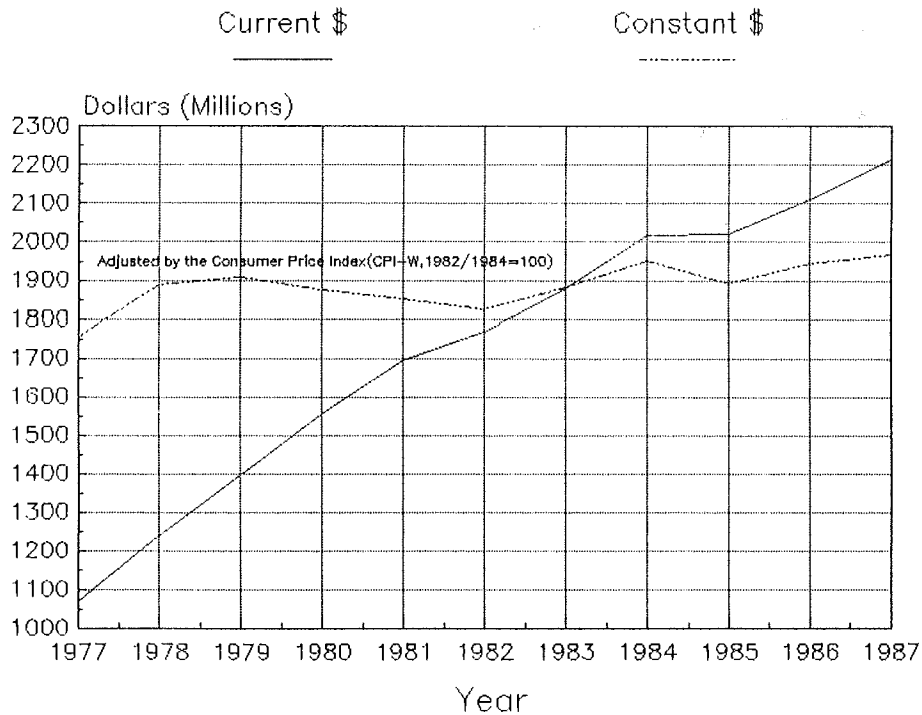


Gross Wages

Gross wages in Maine manufacturing increased by 4.9 percent, to \$2,215.7 million in 1987.

The Paper industry accounted for 25.9 percent of the overall manufacturing wages in the state, paying out \$573.1 million in gross wages. The Transportation Equipment industry followed with a 12.8 percent share, \$283.2 million, and the Lumber & Wood industry was next with a 10.9 percent share, \$241.0 million, of the total gross wages paid.

Figure 9. Gross Manufacturing Wages
in Current and Constant Dollars
Maine 1977-1987

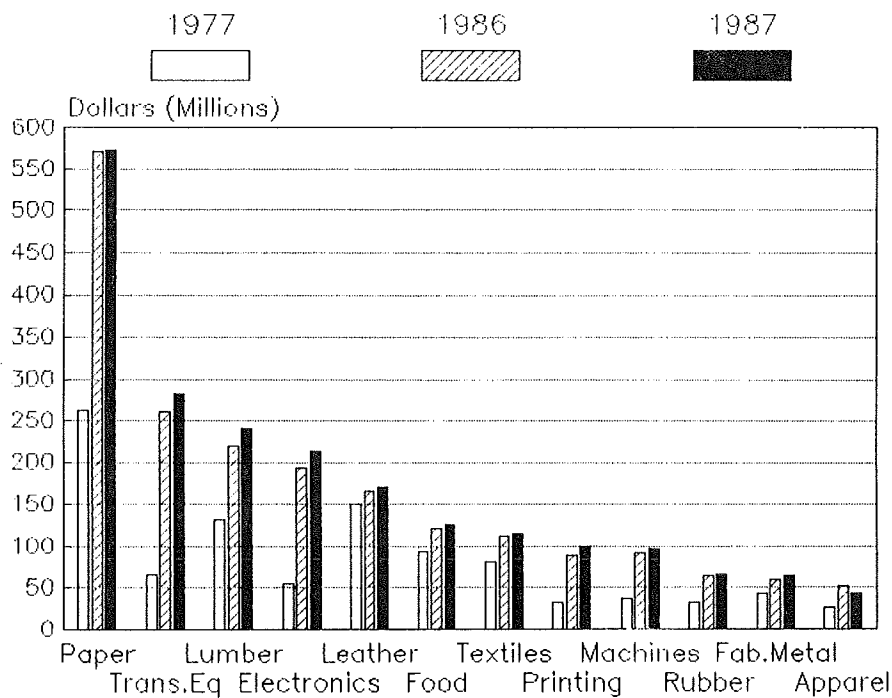


The largest percent increase in gross wages for a major industry was in the Stone, Clay, and Glass group which rose 32.5 percent (\$41.6 million).

The largest percent drop occurred in the Apparel industry which fell 18.0 percent to \$42.6 million in gross wages.

The two industries with the highest dollar gain in gross wages in 1987 were the Transportation Equipment group (\$21.9 million) and the Lumber and Wood group (\$21.6 million).

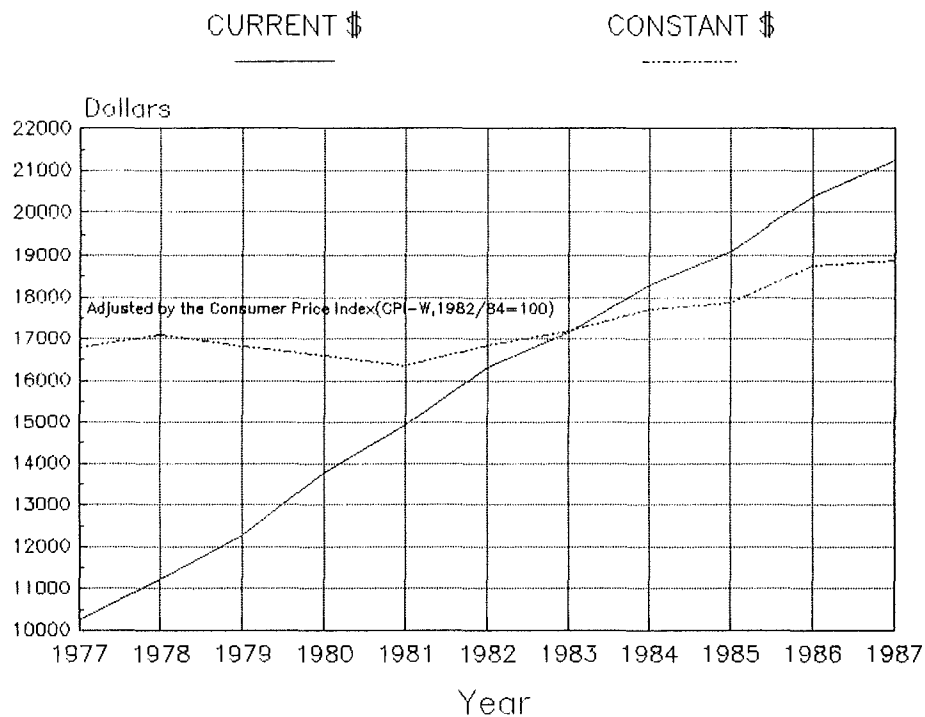
Figure 10. Gross Manufacturing Wages
by Major Industry Group
Maine 1977, 1986 & 1987



Average Wages

The average yearly wage in Maine increased \$848.00 or 4.2 percent, to \$21,232.00 in 1987. By comparison, the annual average of the Consumer Price Index rose 3.9 percent from 1986 to 1987. (See Appendix F.) As a result, Maine manufacturing workers had a 0.3 percent increase in buying power.

Figure 11. Average Manufacturing Wages
in Current and Constant Dollars
Maine 1977-1987



The Paper industry paid out the highest reported average wages, \$33,845.00, which was 159.4 percent of the Maine manufacturing average for 1987.

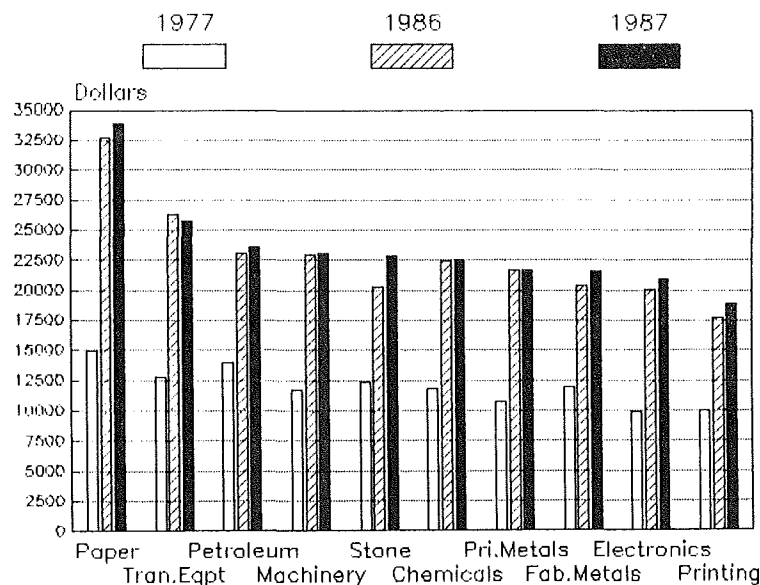
The highest dollar increase in average wages for the year was in the Stone, Clay, and Glass industry which jumped \$2,602.00 or 12.1 percent over 1986 figures.

The lowest reported average wages for 1987 were in the Apparel industry, which paid out an average of \$12,746.00 or 60.0 percent over 1986 figures.

Other sizable gains in average wages in 1987 were reported in the Lumber & Wood industry, Fabricated Metals industry, and the Paper industry, with \$1,213.00 (7.5 percent), \$1,187.00 (5.8 percent), and \$1,166.00 (3.6 percent) increases respectively.

The only industry to suffer a drop in average wages was the Transportation Equipment group, which dropped \$505.00 or 1.9 percent.

Figure 12. Average Manufacturing Wages
by Major Industry Group
Maine 1977, 1986 & 1987



Capital Expenditures

Capital expenditures for 1987 were up 0.2 percent, reaching \$600.1 million, an increase of \$1.5 million over 1986 figures.

Capital expenditures for Durable Goods dropped 7.7 percent or \$12.6 million to \$151.4 million, while capital expenditures for Nondurable Goods increased 3.2 percent over 1986's value of \$434.7 million.

Sharp increases in capital expenditures in 1987 occurred in the Stone, Clay, and Glass group (up 69.0 percent), the Food group (up 53.2 percent), and the Transportation Equipment group (up 48.0 percent).

Decreases in capital expenditures occurred in the Rubber & Plastics group, down 62.8 percent, and in the Electric and Electronic Equipment group which fell 47.6 percent.

Figure 13. Capital Expenditures in Manufacturing
in Current and Constant Dollars
Maine 1977-1987

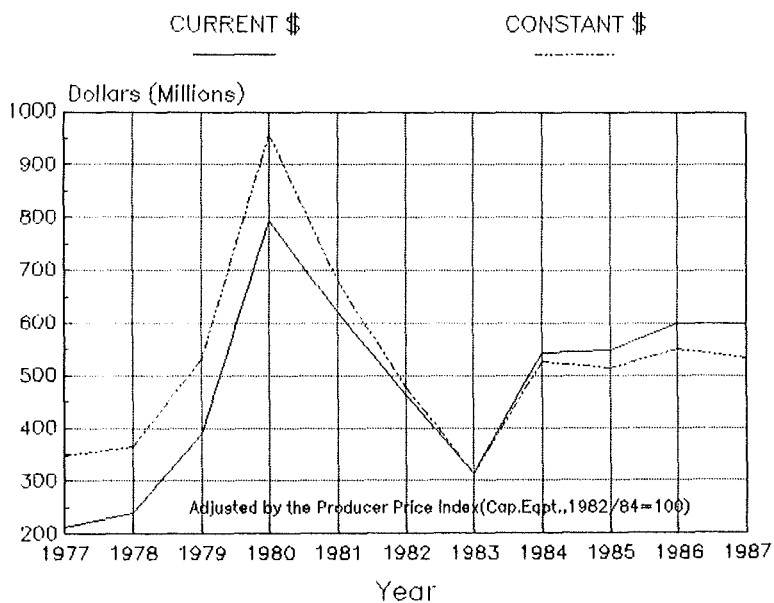
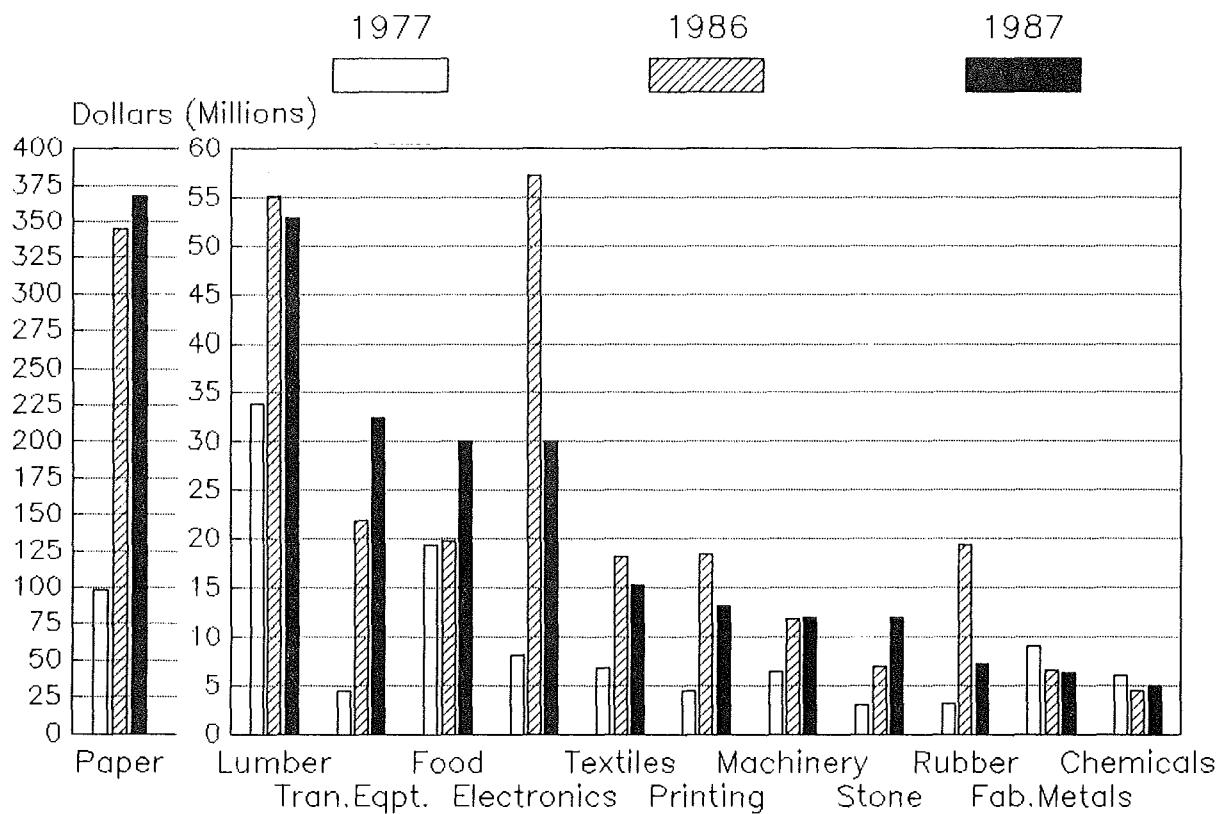


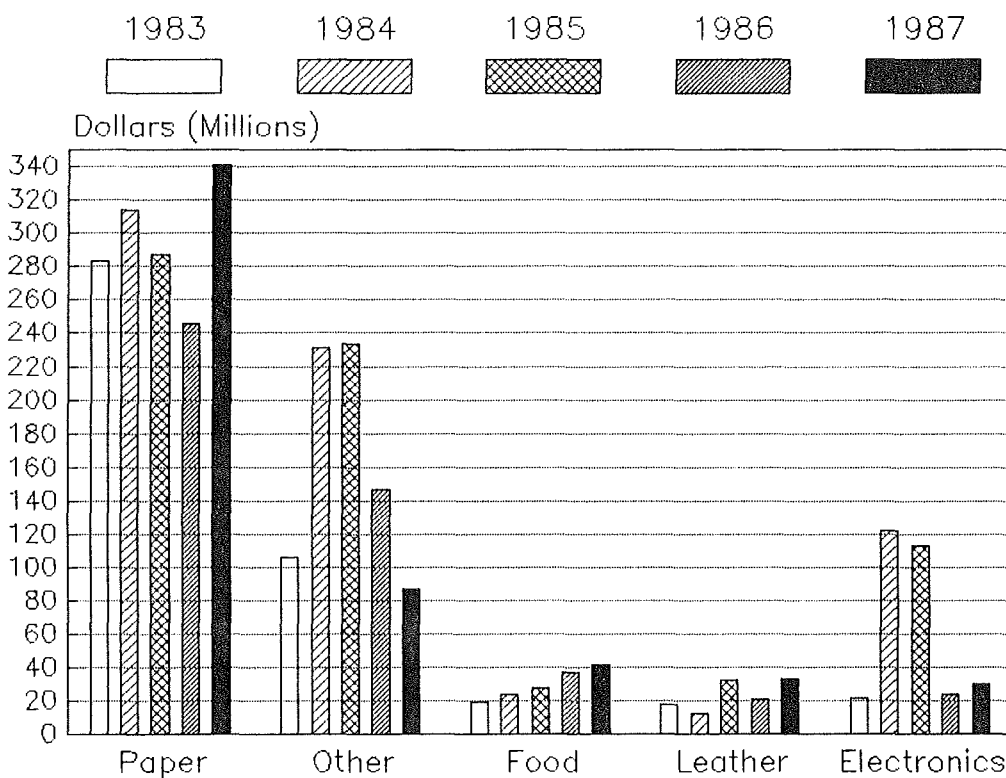
Figure 14. Capital Expenditures in Manufacturing
by Major Industry Group
Maine 1977, 1986 & 1987



Foreign Imports

Imports used in the manufacturing process increased by 23.8 percent, to \$531.5 million in 1987, after a drop in 1986. This increase was due mainly to the Paper group which increased 39.1 percent (\$95.1 million). The Paper Industry also had the largest share of expenditures for imports for 1987, 64.2 percent.

Figure 15. Imports Used in Manufacturing
by Major Industry Group
Maine 1983-1987

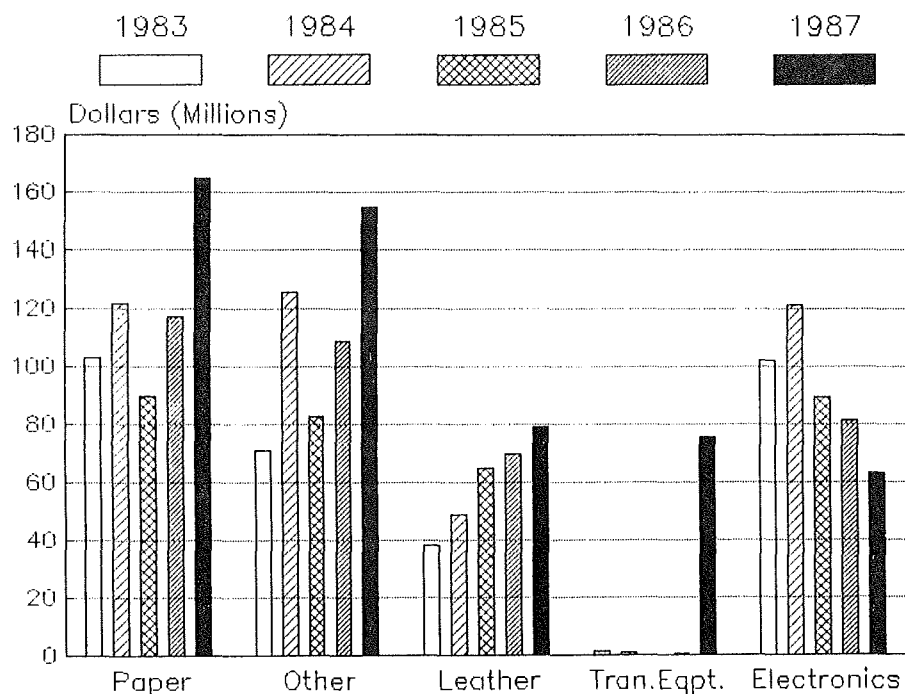


Foreign Exports

Exports to other countries by Maine manufacturers amounted to \$537.6 million in 1987, an increase of 33.1 percent from \$403.9 million in 1986. This change was due mainly to the Transportation Equipment group which exported \$75.8 million, an increase of \$75.3 million, and the Paper industry which exported \$165.0 million, or 40.4 percent over 1986.

The most significant decreases in exports occurred in the Primary Metals group and the Electric and Electronic group, which fell 74.2 percent (to \$3.5 million) and 22.3 percent (to \$63.2 million), respectively.

Figure 16. Manufacturing Exports
by Major Industry Group
Maine 1983-1987



Value of Manufacturing Product by County Group

For 1987, the I-95 Corridor remained the top producing area (see Table 4). Again it contained the only three counties in Maine which each recorded over one billion dollars in manufacturing product: Cumberland (\$1.54 billion), Penobscot (\$1.31 billion), and York (\$1.24 billion).

Following the I-95 Corridor was the Western group of counties, which totaled \$1.88 billion.

The Eastern area had the highest percent increase in value of product, 10.5 percent for 1987.

The Midcoast area had the highest percent change from 1982, 39.9 percent.

Figure 17. Value of Manufacturing Product
by County Group
Maine 1977, 1986 & 1987

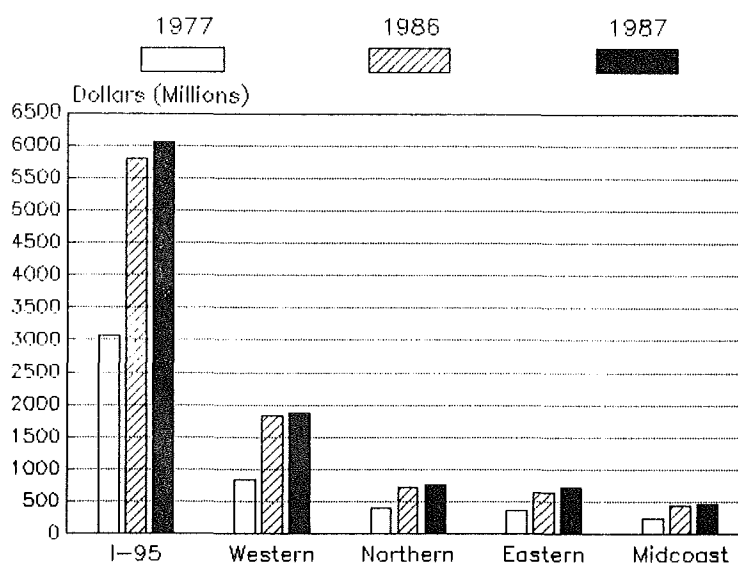


Figure 18. Value of Manufacturing Product Index
by County Group
Maine 1977-1987

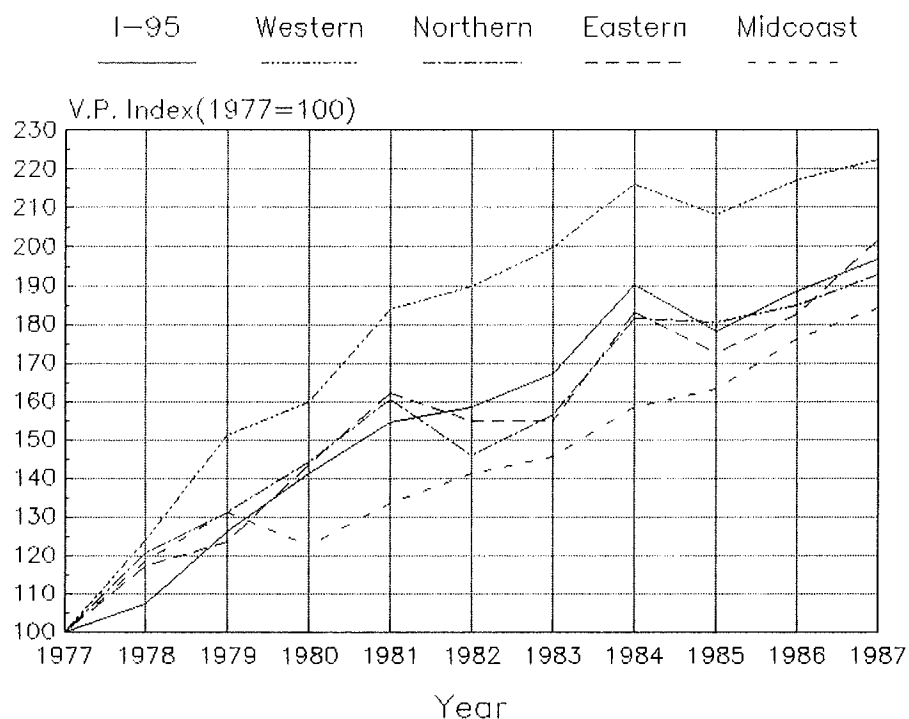


Figure 19. Regional Contribution to the Change in
Value of Manufacturing Product by County Group
Maine 1977-1987 and 1986-1987

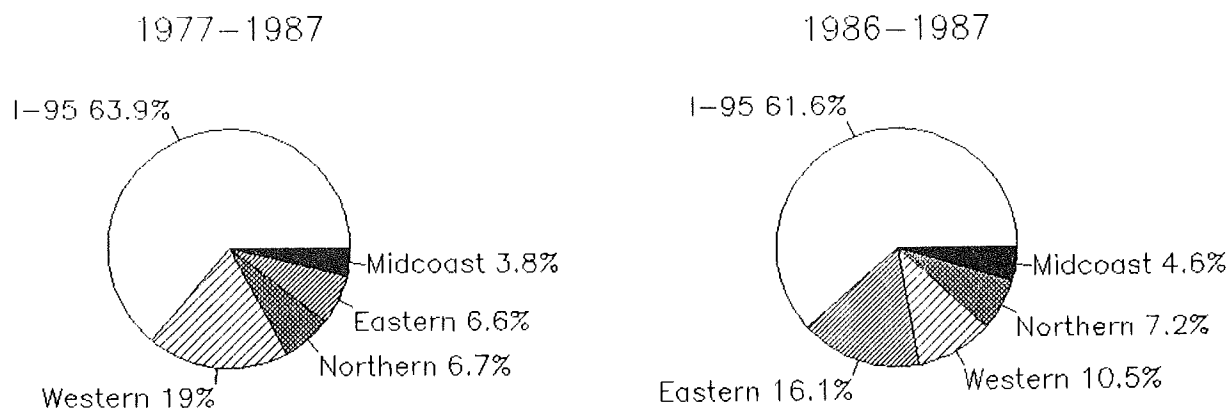


TABLE 1

CENSUS OF MAINE MANUFACTURES BY INDUSTRY, 1987

| INDUSTRY | NUMBER REPORTING | VALUE OF PRODUCT | | | EMPLOYMENT | | | UNIONIZED WORKERS | WAGES | |
|----------------------------------|---------------------|------------------|----------------|-------|------------|--------|--------|----------------------|------------------|-----------|
| | | \$ | PERCENT CHANGE | | TOTAL | MALE | FEMALE | | GROSS | AVERAGE |
| | | | 1982 | 1986 | | | | | | |
| <u>TOTAL</u> | 2,615 | 9,870,052,161 | 24.5 | 4.5 | 104,356 | 69,819 | 34,537 | 27,926 | \$ 2,215,748,833 | \$ 21,233 |
| DURABLE GOODS | 1,683 | 3,749,092,070 | 54.5 | 9.3 | 46,423 | 33,987 | 12,436 | 9,982 | 985,275,310 | 21,224 |
| Lumber & Wood Products (24) | 1,037 | 1,027,223,677 | 59.9 | 8.1 | 13,785 | 11,199 | 2,586 | 2,092 | 241,048,426 | 17,486 |
| Furniture (25) | 48 | 72,423,311 | 88.9 | 34.4 | 1,242 | 915 | 327 | 57 | 22,536,890 | 18,146 |
| Stone, Clay, & Glass (32) | 89 | 160,752,691 | 153.3 | 11.9 | 1,820 | 1,580 | 240 | 18 | 41,621,141 | 22,869 |
| Primary Metals (33) | 11 | 36,320,638 | 103.3 | -10.2 | 624 | 505 | 119 | 351 | 13,513,629 | 21,656 |
| Fabricated Metals (34) | 114 | 215,909,169 | -1.3 | 14.3 | 2,967 | 2,275 | 692 | 806 | 64,056,260 | 21,590 |
| Nonelectric Machinery (35) | 177 | 416,891,631 | 64.8 | 23.6 | 4,156 | 3,359 | 797 | 130 | 95,913,892 | 23,078 |
| Electric & Electronic Eqpt. (36) | 61 | 774,941,734 | 66.5 | 0.8 | 10,188 | 4,540 | 5,648 | 335 | 213,140,740 | 20,921 |
| Transportation Equipment (37) | 123 | 1,005,317,476 | 44.1 | 9.9 | 10,979 | 9,349 | 1,630 | 6,193 | 283,180,057 | 25,793 |
| Precision Instruments (38) | 23 | 39,311,743 | 30.3 | 17.1 | 662 | 265 | 397 | 0 | 10,264,275 | 15,505 |
| NONDURABLE GOODS | 932 | 6,120,960,091 | 11.3 | 1.8 | 57,933 | 35,832 | 22,101 | 17,944 | 1,230,473,523 | 21,240 |
| Food (20) | 199 | 881,537,029 | 22.6 | 15.7 | 7,870 | 4,938 | 2,932 | 2,210 | 126,003,049 | 16,011 |
| Textiles (22) | 70 | 425,031,952 | 32.1 | -3.5 | 6,686 | 4,052 | 2,634 | 1,536 | 114,805,949 | 17,171 |
| Apparel (23) | 66 | 133,743,955 | -34.5 | -26.2 | 3,344 | 810 | 2,534 | 1,244 | 42,621,074 | 12,746 |
| Paper (26) | 43 | 3,093,101,191 | 14.0 | 0.2 | 16,934 | 14,463 | 2,471 | 11,499 | 573,138,131 | 33,845 |
| Printing & Publishing (27) | 311 | 282,327,705 | 74.0 | 6.8 | 5,319 | 2,944 | 2,375 | 1,107 | 100,348,577 | 18,866 |
| Chemicals (28) | 36 | 133,073,722 | 21.0 | 12.6 | 940 | 573 | 367 | 55 | 21,227,677 | 22,583 |
| Petroleum & Coal Products (29) | 8 | 61,970,884 | 200.2 | 77.6 | 190 | 178 | 12 | 107 | 4,488,649 | 23,624 |
| Rubber & Plastics (30) | 44 | 312,217,615 | 13.4 | -1.6 | 3,545 | 2,114 | 1,431 | 0 | 66,242,808 | 18,686 |
| Leather (31) | 77 | 754,755,762 | -20.8 | -2.2 | 12,244 | 5,361 | 6,883 | 186 | 169,911,431 | 13,877 |
| Miscellaneous (39) | 78 | 43,200,276 | 131.6 | 10.1 | 861 | 399 | 462 | 0 | 11,686,178 | 13,573 |

TABLE 2

MAINE CAPITAL EXPENDITURES & FOREIGN EXPORTS BY MAJOR INDUSTRY, 1987

| INDUSTRY | PLANT MODERNIZATION & EQUIPMENT | | | | | | FOREIGN EXPORTS | |
|----------------------------------|---------------------------------|-------------------|------------------------|----------------|---------------|---------------|-----------------|---------------|
| | TOTAL | NEW STRUCTURES | EXISTING STRUCTURES | EQUIPMENT | PLANNED | | IMPORTS | EXPORTS |
| | | | | | 1989 | 1990 | | |
| <u>TOTAL</u> | \$600,124,180 | \$ 63,531,249 | \$ 3,633,873 | \$ 532,959,058 | \$703,682,242 | \$752,393,083 | \$531,516,583 | \$537,581,496 |
| DURABLE GOODS | 151,388,311 | 23,342,527 | 1,512,636 | 126,533,148 | 150,470,088 | 138,749,744 | 67,942,817 | 243,758,601 |
| Lumber & Wood Products (24) | 52,877,879 | 7,944,657 | 620,363 | 44,312,859 | 53,965,103 | 34,488,136 | 9,377,182 | 56,851,202 |
| Furniture (25) | 3,322,918 | 1,601,433 | 204,000 | 1,517,485 | 5,112,300 | 3,319,303 | 218,000 | 867,137 |
| Stone, Clay, & Glass (32) | 11,863,150 | 2,049,577 | 23,000 | 9,790,573 | 11,029,449 | 5,079,820 | 2,305,739 | 1,126,974 |
| Primary Metals (33) | 1,592,966 | 69,112 | 0 | 1,523,854 | 1,357,304 | 1,720,200 | 175,000 | 3,505,498 |
| Fabricated Metals (34) | 6,337,719 | 1,303,441 | 0 | 5,034,278 | 4,581,484 | 7,060,685 | 3,904,340 | 6,117,894 |
| Nonelectric Machinery (35) | 11,994,714 | 2,781,684 | 420,773 | 8,792,257 | 18,898,932 | 15,861,600 | 21,807,614 | 32,122,687 |
| Electric & Electronic Eqpt. (36) | 29,986,602 | 2,351,930 | 67,500 | 27,567,172 | 34,636,487 | 34,473,900 | 29,446,342 | 63,213,793 |
| Transportation Equipment (37) | 32,437,632 | 4,934,060 | 177,000 | 27,326,572 | 20,540,779 | 35,876,300 | 565,600 | 75,759,224 |
| Precision Instruments (38) | 974,731 | 306,633 | 0 | 668,098 | 348,250 | 869,800 | 143,000 | 4,194,192 |
| NONDURABLE GOODS | 448,735,869 | 40,188,722 | 2,121,237 | 406,425,910 | 553,212,154 | 613,643,339 | 463,573,766 | 293,822,895 |
| Food (20) | 30,110,031 | 13,400,553 | 1,221,042 | 15,488,436 | 20,778,099 | 19,017,850 | 41,548,407 | 6,702,677 |
| Textiles (22) | 15,306,409 | 3,946,582 | 0 | 11,359,827 | 13,979,427 | 9,261,630 | 20,288,922 | 4,723,936 |
| Apparel (23) | 1,599,769 | 443,879 | 155,726 | 1,000,164 | 1,474,327 | 1,621,500 | 4,975,558 | 438,186 |
| Paper (26) | 367,423,289 | 17,303,216 | 0 | 350,120,073 | 464,044,059 | 511,698,300 | 341,166,165 | 165,028,666 |
| Printing & Publishing (27) | 13,219,523 | 1,977,358 | 77,500 | 11,164,665 | 25,344,836 | 51,814,986 | 2,333,106 | 1,285,904 |
| Chemicals (28) | 4,936,189 | 308,257 | 60,000 | 4,567,932 | 7,937,226 | 4,183,029 | 13,994,020 | 23,540,215 |
| Petroleum & Coal Products (29) | 3,227,361 | 506,552 | 0 | 2,720,809 | 3,402,654 | 800,000 | 68,300 | 0 |
| Rubber & Plastics (30) | 7,194,620 | 945,729 | 0 | 6,248,891 | 8,681,932 | 8,921,144 | 6,149,705 | 11,862,113 |
| Leather (31) | 4,469,401 | 1,053,810 | 500,000 | 2,915,591 | 6,013,849 | 5,658,400 | 32,653,432 | 78,945,584 |
| Miscellaneous (39) | 1,249,277 | 302,786 | 106,969 | 839,522 | 1,555,745 | 666,500 | 396,151 | 1,295,614 |

Table 3

CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---|------------------|-----------------|--------------|-------------------|--------|--------|
| | | | | Total | Male | Female |
| <u>TOTAL MANUFACTURING</u> | \$ 9,870,052,161 | \$2,215,748,833 | \$ 21,232 | 104,356 | 69,819 | 34,537 |
| <u>DURABLE GOODS TOTAL</u> | 3,749,092,070 | 985,281,583 | 21,223 | 46,424 | 33,988 | 12,436 |
| <u>24 LUMBER & WOOD PRODUCTS</u> | 1,027,223,677 | 241,048,426 | 17,486 | 13,785 | 11,199 | 2,586 |
| 241 Logging Camps & Contractors | 401,462,545 | 74,558,493 | 18,256 | 4,084 | 3,799 | 285 |
| 2411 Logging camps & contractors | 401,462,545 | 74,558,493 | 18,256 | 4,084 | 3,799 | 285 |
| 242 Sawmills & Planing Mills | 293,487,595 | 68,464,817 | 19,645 | 3,485 | 3,156 | 329 |
| 2421 Sawmills & planing mills, gen. | 276,968,984 | 63,579,676 | 20,044 | 3,172 | 2,902 | 270 |
| 2426 Hardwood & flooring mills | 16,157,739 | 4,793,967 | 15,821 | 303 | 245 | 58 |
| 2429 Special product sawmills, NEC | 360,872 | 91,174 | 9,117 | 10 | 9 | 1 |
| 243 Millwork & Cabinets | 60,079,040 | 18,602,758 | 17,852 | 1,042 | 843 | 199 |
| 2431 Millwork | 18,142,714 | 5,586,661 | 17,963 | 311 | 255 | 56 |
| 2434 Wood Kitchen Cabinets | 6,607,406 | 2,025,299 | 14,891 | 136 | 124 | 12 |
| 244 Wood Containers | 12,492,394 | 3,739,857 | 12,302 | 304 | 247 | 57 |
| 2449 Wood containers, NEC | 4,017,241 | 1,426,523 | 12,089 | 118 | 82 | 36 |
| 245 Wood Buildings & Mobile Homes | 70,805,706 | 11,700,205 | 18,055 | 648 | 564 | 84 |
| 2451 Mobile homes | 29,074,802 | 5,053,041 | 15,940 | 317 | 284 | 33 |
| 2452 Prefabricated wood buildings | 41,730,904 | 6,647,164 | 20,082 | 331 | 280 | 51 |
| 249 Miscellaneous Wood Products | 188,896,397 | 63,982,296 | 15,154 | 4,222 | 2,590 | 1,632 |
| 2492 Particleboard | 40,470,119 | 8,457,572 | 22,613 | 374 | 340 | 34 |
| 2499 Wood products, NEC | 138,406,236 | 54,847,189 | 14,414 | 3,805 | 2,209 | 1,596 |
| <u>25 FURNITURE AND FIXTURES</u> | 72,423,311 | 22,536,890 | 18,145 | 1,242 | 915 | 327 |
| <u>32 STONE, CLAY, GLASS & CONCRETE</u> | 160,752,691 | 41,621,141 | 22,868 | 1,820 | 1,580 | 240 |
| 326 Pottery & Related Products | 3,132,635 | 902,695 | 8,849 | 102 | 36 | 66 |
| 3269 Pottery Products, NEC | 3,132,635 | 902,695 | 8,849 | 102 | 36 | 66 |
| 327 Concrete, Gypsum, & Plaster Prod. | 90,657,763 | 26,646,141 | 23,130 | 1,152 | 1,052 | 100 |
| 3272 Concrete products, NEC | 30,865,138 | 7,404,335 | 19,485 | 380 | 349 | 31 |
| 3273 Ready-mixed concrete | 49,855,572 | 13,629,477 | 26,882 | 507 | 467 | 40 |
| 328 Cut Stone & Stone Products | 754,453 | 229,596 | 14,349 | 16 | 11 | 5 |
| 3281 Cut stone & stone products | 754,453 | 229,596 | 14,349 | 16 | 11 | 5 |
| 329 Nonmetallic Mineral Products, NEC | 1,892,320 | 396,346 | 15,244 | 26 | 21 | 5 |
| <u>33 PRIMARY METALS</u> | 36,320,638 | 13,513,629 | 21,656 | 624 | 505 | 119 |
| <u>34 FABRICATED METALS</u> | 215,909,169 | 64,056,260 | 21,589 | 2,967 | 2,275 | 692 |
| 342 Cutlery, Hand Tools & Gen. Hdwre. | 8,350,717 | 3,256,762 | 18,296 | 178 | 160 | 18 |
| 3423 Hand & edge tools | 6,675,639 | 2,944,851 | 18,638 | 158 | 143 | 15 |
| 3429 Hardware, NEC | 1,675,078 | 311,911 | 15,595 | 20 | 17 | 3 |
| 344 Structural Metal Products | 81,291,168 | 20,623,978 | 21,087 | 978 | 829 | 149 |
| 3441 Structural metal | 33,415,536 | 8,840,597 | 21,509 | 411 | 372 | 39 |
| 3443 Fabricated plate work | 14,483,808 | 4,028,033 | 23,017 | 175 | 159 | 16 |
| 3444 Sheet metal work | 25,840,003 | 6,216,099 | 19,364 | 321 | 241 | 80 |
| 3446 Architectural Metal Works | 1,560,985 | 263,587 | 17,572 | 15 | 13 | 2 |
| 346 Metal Forgings & Stampings | 5,585,987 | 1,979,966 | 20,624 | 96 | 74 | 22 |
| 349 Fabricated Metal Products, NEC | 44,306,089 | 12,779,903 | 20,916 | 611 | 397 | 214 |
| 3496 Wire products, NEC | 4,308,066 | 1,705,876 | 12,543 | 136 | 78 | 58 |

**Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|--|------------------|---------------|--------------|-------------------|--------|--------|
| | | | | Total | Male | Female |
| <u>DURABLE GOODS (Continued)</u> | | | | | | |
| <u>35 NONELECTRICAL MACHINERY</u> | \$ 416,891,631 | \$ 95,913,892 | \$ 23,078 | 4,156 | 3,359 | 797 |
| 352 Farm & Garden Machinery & Eqpt. | 1,517,382 | 442,084 | 13,815 | 32 | 28 | 4 |
| 353 Construction & Related Machinery | 64,360,473 | 9,625,295 | 20,094 | 479 | 434 | 45 |
| 354 Metalworking Machinery | 40,844,037 | 13,697,916 | 22,455 | 610 | 510 | 100 |
| 3544 Special dies & tools | 11,634,345 | 6,313,238 | 26,864 | 235 | 211 | 24 |
| 355 Special Industry Machinery | 33,945,664 | 12,224,254 | 23,553 | 519 | 385 | 134 |
| 3559 Special industry machinery, NEC | 23,204,676 | 8,558,611 | 23,320 | 367 | 259 | 108 |
| 356 Gen. Industrial Machinery & Eqpt. | 42,422,768 | 13,668,583 | 25,789 | 530 | 410 | 120 |
| 358 Refrigeration & Service Machinery | 11,527,690 | 2,823,045 | 21,884 | 129 | 102 | 27 |
| 359 Miscellaneous | 59,532,934 | 22,300,368 | 23,326 | 956 | 853 | 103 |
| 3599 Nonelectrical machinery, NEC | 59,532,934 | 22,300,368 | 23,326 | 956 | 853 | 103 |
| <u>36 ELECTRIC & ELECTRONIC EQUIPMENT</u> | 774,941,734 | 213,140,740 | 20,920 | 10,188 | 4,540 | 5,648 |
| 361 Electric Trans. & Dist. Eqpt. | 110,467,002 | 24,859,767 | 20,785 | 1,196 | 500 | 696 |
| 3613 Switchgear & switchboard app. | 110,467,002 | 24,859,767 | 20,785 | 1,196 | 500 | 696 |
| 363 Household Appliances | 29,161,065 | 11,169,693 | 17,842 | 626 | 372 | 254 |
| 366 Communication Equipment | 89,151,723 | 19,005,569 | 19,101 | 995 | 624 | 371 |
| 3662 Radio & TV Communication Equip. | 89,102,131 | 19,005,569 | 19,101 | 995 | 624 | 371 |
| 367 Electronic Components | 476,223,257 | 139,421,218 | 21,949 | 6,352 | 2,711 | 3,641 |
| 3674 Semiconductors & rel. devices | 230,847,291 | 76,146,810 | 26,897 | 2,831 | 1,434 | 1,397 |
| <u>37 TRANSPORTATION EQUIPMENT</u> | 1,005,317,476 | 283,180,057 | 25,792 | 10,979 | 9,349 | 1,630 |
| 371 Motor Vehicles & Motor Veh. Eqpt. | 15,646,381 | 3,413,540 | 18,157 | 188 | 121 | 67 |
| 373 Ship & Boat Building & Repairing | 639,413,226 | 223,220,795 | 26,086 | 8,557 | 7,518 | 1,039 |
| <u>38 PRECISION INSTRUMENTS</u> | 39,311,743 | 10,264,275 | 15,504 | 662 | 265 | 397 |
| 384 Surgical, Medical, & Dental Instruments & Supplies | 7,816,539 | 3,769,594 | 13,909 | 271 | 68 | 203 |
| <u>NONDURABLE GOODS TOTAL</u> | 6,120,960,091 | 1,230,473,523 | 21,239 | 57,933 | 35,832 | 22,101 |
| <u>20 FOOD</u> | 881,537,029 | 126,003,049 | 16,010 | 7,870 | 4,938 | 2,932 |
| 201 Meat Products | 118,541,886 | 17,440,602 | 15,366 | 1,135 | 698 | 437 |
| 2011 Meat packing plants | 19,001,511 | 1,360,276 | 13,206 | 103 | 89 | 14 |
| 202 Dairy Products | 128,734,109 | 13,610,253 | 19,115 | 712 | 532 | 180 |
| 203 Preserved Fruits & Vegetables | 227,340,571 | 26,554,993 | 14,050 | 1,890 | 1,140 | 750 |
| 2037 Frozen fruits & vegetables | 139,714,921 | 18,117,971 | 13,043 | 1,389 | 817 | 572 |
| 205 Bakery Products | 134,904,157 | 26,046,605 | 19,628 | 1,327 | 977 | 350 |
| 2051 Perishable bakery products | 134,904,157 | 26,046,605 | 19,628 | 1,327 | 977 | 350 |
| 208 Beverages | 68,789,482 | 11,102,353 | 23,324 | 476 | 398 | 78 |
| 209 Miscellaneous | 127,191,677 | 24,194,039 | 12,413 | 1,949 | 890 | 1,059 |
| 2091 Canned & cured seafood | 61,386,631 | 12,832,669 | 11,676 | 1,099 | 416 | 683 |

**Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---|------------------|----------------|--------------|-------------------|--------|--------|
| | | | | Total | Male | Female |
| <u>NONDURABLE GOODS (Continued)</u> | | | | | | |
| <u>22 TEXTILES</u> | \$ 425,031,952 | \$ 114,805,949 | \$ 17,171 | 6,686 | 4,052 | 2,634 |
| 222 Weaving Mills, Synthetics | 103,188,668 | 28,148,216 | 17,951 | 1,568 | 991 | 577 |
| 2221 Broad woven fabrics, synth. | 103,188,668 | 28,148,216 | 17,951 | 1,568 | 991 | 577 |
| 223 Weaving & Finishing Mills, Wool | 124,404,042 | 35,601,457 | 17,926 | 1,986 | 1,305 | 681 |
| 2231 Broad woven fabrics, wool | 124,404,042 | 35,601,457 | 17,926 | 1,986 | 1,305 | 681 |
| 224 Narrow Fabrics | 13,120,076 | 5,542,872 | 15,613 | 355 | 172 | 183 |
| 2241 Narrow Fabrics | 13,120,076 | 5,542,872 | 15,613 | 355 | 172 | 183 |
| 225 Knitting Mills | 37,610,274 | 6,172,698 | 16,460 | 375 | 154 | 221 |
| 228 Yarn & Thread Mills | 44,742,154 | 19,659,565 | 15,983 | 1,230 | 692 | 538 |
| 229 Miscellaneous | 85,528,750 | 12,965,370 | 17,785 | 729 | 498 | 231 |
| 2298 Cordage & twine | 43,581,966 | 5,049,236 | 17,411 | 290 | 194 | 96 |
| <u>23 APPAREL</u> | 133,743,955 | 42,621,074 | 12,745 | 3,344 | 810 | 2,534 |
| 233 Women's Outerwear | 4,164,924 | 2,037,494 | 10,780 | 189 | 21 | 168 |
| 236 Children's Outerwear | 10,510,021 | 2,608,570 | 7,627 | 342 | 30 | 312 |
| 238 Misc. Apparel & Accessories | 17,318,264 | 4,731,149 | 12,856 | 368 | 88 | 280 |
| 239 Fabricated Textile Products, NEC | 45,465,030 | 11,775,075 | 14,447 | 815 | 376 | 439 |
| 2394 Canvas & related products | 5,875,287 | 1,966,425 | 15,126 | 130 | 74 | 56 |
| <u>26 PAPER</u> | 3,093,101,191 | 573,138,131 | 33,845 | 16,934 | 14,463 | 2,471 |
| 261 Pulp Mills | 473,904,964 | 58,044,345 | 34,083 | 1,703 | 1,450 | 253 |
| 2611 Pulp Mills | 473,904,964 | 58,044,345 | 34,083 | 1,703 | 1,450 | 253 |
| 262 Paper Mills, Ex. Bldg. Pap. Mills | 2,438,822,024 | 468,008,481 | 35,517 | 13,177 | 11,569 | 1,608 |
| 2621 Paper Mills, Except Building Paper Mills | 2,438,822,024 | 468,008,481 | 35,517 | 13,177 | 11,569 | 1,608 |
| 264 Miscellaneous Converted Paper | 98,103,623 | 31,973,367 | 22,838 | 1,400 | 914 | 486 |
| 266 Building Paper & Board Mills | 3,093,101,191 | 573,138,131 | 33,845 | 16,934 | 14,463 | 2,471 |
| <u>27 PRINTING & PUBLISHING</u> | 282,327,705 | 100,348,577 | 18,866 | 5,319 | 2,944 | 2,375 |
| 271 Newspapers | 102,007,330 | 51,633,117 | 19,418 | 2,659 | 1,436 | 1,223 |
| 2711 Newspapers, pub. & printing | 102,007,330 | 51,633,117 | 19,418 | 2,659 | 1,436 | 1,223 |
| 272 Magazines & Periodicals | 16,726,733 | 4,195,570 | 19,423 | 216 | 80 | 136 |
| 2721 Magazines | 16,726,733 | 4,195,570 | 19,423 | 216 | 80 | 136 |
| 273 Books | 10,474,491 | 4,519,773 | 17,794 | 254 | 105 | 149 |
| 274 Miscellaneous | 468,677 | 90,366 | 10,040 | 9 | 4 | 5 |
| 2741 Publishing, miscellaneous | 468,677 | 90,366 | 10,040 | 9 | 4 | 5 |
| 275 Commercial Printing | 141,055,292 | 37,241,491 | 18,518 | 2,011 | 1,260 | 751 |
| 2752 Lithographic | 102,198,252 | 25,369,501 | 18,750 | 1,353 | 849 | 504 |
| 279 Service Industries | 2,313,179 | 1,002,129 | 17,278 | 58 | 19 | 39 |
| 2791 Typesetting | 2,313,179 | 1,002,129 | 17,278 | 58 | 19 | 39 |
| <u>28 CHEMICALS</u> | 133,073,722 | 21,227,677 | 22,583 | 940 | 573 | 367 |
| 281 Industrial Inorganic Chemicals | 41,962,926 | 4,416,459 | 25,093 | 176 | 156 | 20 |
| 283 Drugs | 62,043,820 | 10,942,307 | 27,084 | 404 | 230 | 174 |
| 284 Cleaning Preparations, Etc. | 12,556,099 | 2,609,610 | 16,945 | 154 | 56 | 98 |
| 287 Agricultural Chemicals | 10,338,470 | 844,212 | 16,884 | 50 | 41 | 9 |

**Table 3 (Continued) CENSUS OF MAINE MANUFACTURES
BY MAJOR INDUSTRY & INDUSTRIAL GROUPS, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|--|---------------------|--------------|-----------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>NONDURABLE GOODS</u> (Continued) | | | | | | |
| <u>29 PETROLEUM & COAL PRODUCTS</u> | \$ 61,970,884 | \$ 4,488,649 | \$ 23,624 | 190 | 178 | 12 |
| 295 Paving & Roofing Materials | 61,970,884 | 4,488,649 | 23,624 | 190 | 178 | 12 |
| 2951 Paving mixtures & blocks | 61,970,884 | 4,488,649 | 23,624 | 190 | 178 | 12 |
| <u>30 RUBBER & PLASTICS</u> | 312,217,615 | 66,242,808 | 18,686 | 3,545 | 2,114 | 1,431 |
| 307 Plastic Products | 255,484,230 | 52,340,086 | 19,102 | 2,740 | 1,668 | 1,072 |
| 3069 Fabricated rubber product NEC | 11,125,729 | 3,475,900 | 22,425 | 155 | 93 | 62 |
| 3079 Miscellaneous plastic products | 255,484,230 | 52,340,086 | 19,102 | 2,740 | 1,668 | 1,072 |
| <u>31 LEATHER & LEATHER PRODUCTS</u> | 754,755,762 | 169,911,431 | 13,877 | 12,244 | 5,361 | 6,883 |
| 311 Leather Tanning & Finishing | 209,208,757 | 26,546,283 | 20,218 | 1,313 | 1,114 | 199 |
| 3111 Leather tanning & finishing | 209,208,757 | 26,546,283 | 20,218 | 1,313 | 1,114 | 199 |
| 313 Boot & Shoe Cut Stock & Findings | 21,620,825 | 8,288,908 | 14,567 | 569 | 267 | 302 |
| 3131 Boot & Shoe Cut Stock & Finds | 21,620,825 | 8,288,908 | 14,567 | 569 | 267 | 302 |
| 314 Footwear, Except Rubber | 517,707,787 | 131,440,867 | 13,174 | 9,977 | 3,911 | 6,066 |
| 3143 Men's footwear, ex. athletic | 229,358,335 | 57,770,719 | 15,060 | 3,836 | 1,541 | 2,295 |
| 3144 Women's footwear, ex. athletic | 159,315,975 | 38,993,686 | 11,550 | 3,376 | 1,289 | 2,087 |
| <u>39 MISCELLANEOUS</u> | 43,200,276 | 11,686,178 | 13,572 | 861 | 399 | 462 |
| 3911 Jewelry, Precious Metal | 3,262,764 | 799,134 | 15,367 | 52 | 17 | 35 |
| 394 Toys & Sporting Goods | 15,873,069 | 4,150,875 | 13,219 | 314 | 163 | 151 |
| 396 Costume Jewelry, Novelties, Misc. | 2,888,732 | 1,013,117 | 10,030 | 101 | 37 | 64 |
| 399 Miscellaneous | 7,761,532 | 2,116,548 | 18,730 | 113 | 81 | 32 |
| 3999 Miscellaneous mfg. industries | 2,837,934 | 144,905 | 8,523 | 17 | 5 | 12 |

TABLE 4

CENSUS OF MAINE MANUFACTURES BY COUNTY, 1987

| INDUSTRY | NUMBER REPORTING | VALUE OF PRODUCT | | | EMPLOYMENT | | | UNIONIZED WORKERS | WAGES | |
|--|---------------------|------------------|----------------|------|------------|--------|--------|----------------------|-----------------|-----------|
| | | \$ | PERCENT CHANGE | | TOTAL | MALE | FEMALE | | GROSS | AVERAGE |
| | | | 1982 | 1986 | | | | | | |
| TOTAL | 2,615 | 9,870,052,161 | 24.5 | 4.5 | 104,356 | 69,819 | 34,537 | 27,926 | \$2,215,748,833 | \$ 21,233 |
| I-95 CORRIDOR | 1,299 | 6,062,014,041 | 24.3 | 4.8 | 69,343 | 46,285 | 23,058 | 20,092 | 1,515,974,552 | 21,962 |
| Androscoggin | 207 | 687,053,867 | 15.8 | -2.2 | 10,609 | 6,330 | 4,279 | 937 | 182,764,152 | 17,227 |
| Cumberland | 424 | 1,543,751,202 | 26.7 | 3.4 | 17,548 | 11,262 | 6,286 | 3,331 | 395,861,692 | 22,559 |
| Kennebec | 143 | 661,507,812 | 28.4 | 6.5 | 7,692 | 4,872 | 2,820 | 3,700 | 167,047,598 | 21,717 |
| Penobscot | 248 | 1,310,425,450 | 19.9 | 8.5 | 12,394 | 9,029 | 3,365 | 4,355 | 290,451,857 | 23,435 |
| Sagadahoc | 39 | 623,190,720 | 21.7 | 6.6 | 8,075 | 6,855 | 1,220 | 6,228 | 209,648,670 | 25,963 |
| York | 238 | 1,236,084,990 | 30.8 | 5.0 | 13,025 | 7,937 | 5,088 | 1,541 | 270,200,583 | 20,745 |
| EASTERN | 239 | 715,774,067 | 30.3 | 10.5 | 5,086 | 3,790 | 1,296 | 1,828 | 118,179,235 | 23,236 |
| Hancock | 145 | 399,617,359 | 16.6 | 2.4 | 2,836 | 2,244 | 592 | 1,092 | 72,583,399 | 25,594 |
| Washington | 94 | 316,156,708 | 52.9 | 22.7 | 2,250 | 1,546 | 704 | 736 | 45,595,836 | 20,265 |
| MIDCOAST | 310 | 453,895,737 | 39.9 | 8.6 | 5,593 | 3,301 | 2,292 | 1,037 | 92,331,656 | 16,508 |
| Knox | 126 | 266,555,832 | 61.8 | 12.6 | 2,825 | 1,671 | 1,154 | 235 | 49,156,907 | 17,401 |
| Lincoln | 97 | 57,707,510 | 46.2 | 16.5 | 962 | 575 | 387 | 0 | 17,497,945 | 18,189 |
| Waldo | 87 | 129,632,395 | 7.8 | -1.6 | 1,806 | 1,055 | 751 | 802 | 25,676,804 | 14,217 |
| NORTHERN | 229 | 756,688,853 | 32.2 | 4.1 | 6,577 | 4,821 | 1,756 | 1,975 | 128,260,910 | 19,501 |
| Aroostook | 229 | 756,688,853 | 32.2 | 4.1 | 6,577 | 4,821 | 1,756 | 1,975 | 128,260,910 | 19,501 |
| WESTERN | 536 | 1,879,238,706 | 17.2 | 0.7 | 17,735 | 11,601 | 6,134 | 2,994 | 360,567,127 | 20,331 |
| Franklin | 110 | 504,680,680 | -5.6 | -5.5 | 4,093 | 2,646 | 1,447 | 454 | 95,891,620 | 23,428 |
| Oxford | 186 | 553,895,596 | 21.0 | 13.0 | 5,354 | 3,629 | 1,725 | 1,466 | 112,028,219 | 20,924 |
| Piscataquis | 81 | 168,395,079 | 4.5 | 5.6 | 2,560 | 1,632 | 928 | 61 | 42,099,715 | 16,445 |
| Somerset | 159 | 652,267,351 | 45.1 | -4.4 | 5,728 | 3,694 | 2,034 | 1,013 | 110,547,573 | 19,300 |
| NOTE: Detail lines may not be equal to the total line due to the presence of "statewide" manufactures. | | | | | | | | | | |

TABLE 5

MAINE CAPITAL EXPENDITURES & FOREIGN EXPORTS BY COUNTY, 1987

| AREA | PLANT MODERNIZATION & EQUIPMENT | | | | | | FOREIGN EXPORTS | |
|---|---------------------------------|-------------------|------------------------|---------------|---------------|---------------|-----------------|---------------|
| | TOTAL | NEW STRUCTURES | EXISTING STRUCTURES | EQUIPMENT | PLANNED | | IMPORTS | EXPORTS |
| | | | | | 1989 | 1990 | | |
| TOTAL | \$600,124,180 | \$ 63,531,249 | \$ 3,633,873 | \$532,959,058 | \$703,682,242 | \$752,393,083 | \$531,516,583 | \$537,581,496 |
| I-95 CORRIDOR | 372,421,959 | 36,670,339 | 2,076,042 | 333,675,570 | 300,658,764 | 359,550,943 | 174,546,089 | 354,599,488 |
| Androscoggin | 27,949,856 | 5,825,819 | 150,000 | 21,974,037 | 19,036,660 | 17,810,484 | 7,115,053 | 16,118,271 |
| Cumberland | 81,667,950 | 7,360,603 | 1,262,042 | 73,045,305 | 107,919,062 | 100,145,238 | 61,534,835 | 103,123,827 |
| Kennebec | 23,827,933 | 4,742,132 | 0 | 19,085,793 | 34,293,134 | 44,384,218 | 20,358,169 | 2,875,158 |
| Penobscot | 173,136,642 | 10,743,147 | 75,000 | 162,318,495 | 90,865,468 | 133,204,700 | 74,098,794 | 52,150,739 |
| Sagadahoc | 13,372,894 | 3,593,393 | 6,000 | 9,773,501 | 7,040,778 | 18,076,600 | 1,016,000 | 944,887 |
| York | 52,466,684 | 4,405,245 | 583,000 | 47,478,439 | 41,503,662 | 45,929,703 | 10,423,238 | 179,386,606 |
| EASTERN | 76,187,625 | 3,161,502 | 138,000 | 72,888,123 | 158,196,695 | 87,166,279 | 84,471,209 | 67,570,530 |
| Hancock | 45,193,713 | 2,486,258 | 88,000 | 42,619,455 | 93,668,656 | 38,091,900 | 71,425,853 | 6,842,284 |
| Washington | 30,993,912 | 675,244 | 50,000 | 30,268,668 | 64,528,039 | 49,074,379 | 13,045,356 | 60,728,246 |
| MIDCOAST | 14,527,550 | 3,069,791 | 400,387 | 11,057,372 | 23,352,576 | 15,108,751 | 28,526,140 | 33,795,259 |
| Knox | 9,216,126 | 1,580,255 | 262,500 | 7,373,371 | 14,250,583 | 6,318,381 | 27,448,533 | 26,591,858 |
| Lincoln | 2,493,414 | 818,405 | 12,718 | 1,662,291 | 3,666,025 | 4,370,900 | 359,107 | 4,522,399 |
| Waldo | 2,818,010 | 671,131 | 125,169 | 2,021,710 | 5,435,968 | 4,419,470 | 718,500 | 2,681,002 |
| NORTHERN | 29,384,144 | 11,099,750 | 33,000 | 18,251,394 | 38,600,754 | 47,264,350 | 156,262,272 | 29,125,925 |
| Aroostook | 29,384,144 | 11,099,750 | 33,000 | 18,251,394 | 38,600,754 | 47,264,350 | 156,262,272 | 29,125,925 |
| WESTERN | 107,602,902 | 9,529,867 | 986,436 | 97,086,599 | 182,873,453 | 243,302,760 | 87,565,873 | 50,443,688 |
| Franklin | 28,587,525 | 934,815 | 75,466 | 27,577,244 | 65,886,529 | 86,339,100 | 20,317,442 | 12,176,074 |
| Oxford | 31,068,832 | 3,619,398 | 27,500 | 27,421,934 | 74,140,072 | 121,548,270 | 13,870,943 | 6,150,220 |
| Piscataquis | 6,604,980 | 2,795,898 | 0 | 3,809,082 | 9,654,708 | 2,397,200 | 3,479,191 | 13,482,782 |
| Somerset | 41,341,565 | 2,179,756 | 883,470 | 38,278,339 | 33,192,144 | 33,018,190 | 49,898,297 | 18,634,612 |
| NOTE: Detail lines may not be equal to the total line due to the presence of "statewide" manufacturers. | | | | | | | | |

Table 6

CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-----------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>ANDROSCOGGIN (01)</u> | \$ 687,053,867 | \$ 182,764,152 | \$ 17,227 | 10,609 | 6,330 | 4,279 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 188,702,903 | 57,667,849 | 20,220 | 2,852 | 2,127 | 725 |
| Lumber & Wood Products (24) | 20,638,637 | 4,686,676 | 17,167 | 273 | 244 | 29 |
| Stone, Clay, & Glass (32) | 28,196,594 | 8,548,585 | 20,402 | 419 | 384 | 35 |
| Fabricated Metals (34) | 19,767,316 | 4,540,097 | 20,268 | 224 | 191 | 33 |
| Nonelectrical Machinery (35) | 17,416,844 | 5,378,408 | 19,277 | 279 | 234 | 45 |
| Electric & Electronic Eqpt. (36) | 59,709,113 | 18,882,779 | 20,750 | 910 | 479 | 431 |
| NONDURABLE GOODS | 498,350,964 | 125,096,303 | 16,126 | 7,757 | 4,203 | 3,554 |
| Food (20) | 93,802,477 | 16,815,459 | 18,851 | 892 | 658 | 234 |
| Textiles (22) | 70,297,807 | 19,792,670 | 16,702 | 1,185 | 757 | 428 |
| Paper (26) | 48,908,374 | 13,461,810 | 21,642 | 622 | 375 | 247 |
| Printing & Publishing(27) | 31,537,088 | 12,262,935 | 18,468 | 664 | 376 | 288 |
| Rubber & Plastics (30) | 156,723,304 | 30,419,803 | 17,872 | 1,702 | 1,008 | 694 |
| Leather (31) | 92,254,165 | 28,892,664 | 11,894 | 2,429 | 887 | 1,542 |
| <u>Minor Civil Division</u> | | | | | | |
| Auburn (010) | 292,306,949 | 67,044,417 | 20,372 | 3,291 | 2,179 | 1,112 |
| Lewiston (050) | 311,874,704 | 91,687,742 | 15,456 | 5,932 | 3,244 | 2,688 |
| Lisbon (060) | 38,283,393 | 14,903,263 | 18,490 | 806 | 511 | 295 |
| Livermore Falls (080) | 18,025,009 | 3,654,135 | 14,386 | 254 | 142 | 112 |
| Mechanic Falls (090) | 6,581,514 | 1,457,624 | 18,220 | 80 | 65 | 15 |
| Poland (110) | 2,051,666 | 238,823 | 17,058 | 14 | 13 | 1 |
| <u>AROOSTOOK (03)</u> | 756,688,853 | 128,260,910 | 19,501 | 6,577 | 4,821 | 1,756 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 232,368,862 | 58,746,178 | 18,053 | 3,254 | 2,651 | 603 |
| Lumber & Wood Products (24) | 217,933,647 | 49,866,357 | 19,105 | 2,610 | 2,386 | 224 |
| Stone, Clay, & Glass Product (32) | 3,877,111 | 1,674,630 | 19,248 | 87 | 78 | 9 |
| Machinery, Except Electrical (35) | 1,783,434 | 488,649 | 13,573 | 36 | 31 | 5 |
| NONDURABLE GOODS | 524,319,991 | 69,514,732 | 20,919 | 3,323 | 2,170 | 1,153 |
| Food (20) | 141,326,711 | 18,140,961 | 15,774 | 1,150 | 782 | 368 |
| Printing & Publishing(27) | 3,612,229 | 1,429,844 | 12,881 | 111 | 55 | 56 |
| <u>Minor Civil Division</u> | | | | | | |
| Allagash Plt. (010) | 3,785,765 | 780,743 | 15,014 | 52 | 48 | 4 |
| Ashland (030) | 29,560,316 | 6,355,038 | 16,336 | 389 | 314 | 75 |
| Caribou (080) | 9,106,473 | 7,128,724 | 12,729 | 560 | 189 | 371 |
| Fort Kent (200) | 46,454,794 | 12,624,044 | 18,955 | 666 | 458 | 208 |
| Houlton (300) | 28,936,016 | 10,101,105 | 17,091 | 591 | 432 | 159 |
| Portage Lake (520) | 4,955,097 | 1,645,241 | 18,695 | 88 | 82 | 6 |

Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---|------------------|---------------|--------------|-------------------|--------|--------|
| | | | | Total | Male | Female |
| <u>AROOSTOOK (03) (continued)</u> | | | | | | |
| <u>Minor Civil Division (continued)</u> | | | | | | |
| Presque Isle (530) | \$ 55,712,338 | \$ 12,187,617 | \$ 14,237 | 856 | 479 | 377 |
| St. Francis (560) | 2,082,637 | 721,711 | 14,434 | 50 | 48 | 2 |
| Sherman (580) | 4,977,285 | 820,954 | 11,727 | 70 | 51 | 19 |
| Smyrna (590) | 5,084,516 | 579,314 | 10,728 | 54 | 46 | 8 |
| Van Buren (610) | 2,722,992 | 1,299,642 | 14,602 | 89 | 81 | 8 |
| <u>CUMBERLAND (05)</u> | 1,543,751,202 | 395,861,692 | 22,558 | 17,548 | 11,262 | 6,286 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 693,903,584 | 178,776,535 | 22,470 | 7,956 | 5,278 | 2,678 |
| Lumber & Wood Products (24) | 57,441,544 | 16,628,205 | 17,357 | 958 | 745 | 213 |
| Furniture & Fixtures (25) | 7,396,825 | 1,691,234 | 15,236 | 111 | 67 | 44 |
| Stone, Clay, & Glass (32) | 17,395,696 | 3,484,795 | 20,143 | 173 | 159 | 14 |
| Primary Metals (33) | 1,574,621 | 498,314 | 16,074 | 31 | 25 | 6 |
| Fabricated Metals (34) | 61,112,389 | 14,039,732 | 23,129 | 607 | 484 | 123 |
| Nonelectrical Machinery (35) | 246,280,212 | 48,467,316 | 23,190 | 2,090 | 1,539 | 551 |
| Electric & Electronic Eqpt. (36) | 274,788,891 | 86,332,492 | 24,332 | 3,548 | 1,995 | 1,553 |
| Transportation Equipment (37) | 14,828,823 | 5,165,450 | 18,990 | 272 | 222 | 50 |
| Measuring Instruments (38) | 13,084,583 | 2,468,997 | 14,873 | 166 | 42 | 124 |
| NONDURABLE GOODS | 849,847,618 | 217,085,157 | 22,631 | 9,592 | 5,984 | 3,608 |
| Food (20) | 305,987,084 | 40,650,513 | 20,676 | 1,966 | 1,441 | 525 |
| Apparel (23) | 16,871,818 | 4,008,411 | 10,147 | 395 | 109 | 286 |
| Printing & Publishing(27) | 77,055,962 | 36,864,170 | 20,355 | 1,811 | 1,042 | 769 |
| Chemicals & Allied Products (28) | 14,553,569 | 5,778,553 | 24,694 | 234 | 115 | 119 |
| Rubber & Plastics (30) | 23,058,374 | 7,785,916 | 18,406 | 423 | 284 | 139 |
| Leather (31) | 66,193,070 | 28,643,152 | 16,547 | 1,731 | 642 | 1,089 |
| Miscellaneous (39) | 14,698,977 | 3,600,904 | 15,129 | 238 | 92 | 146 |
| <u>Minor Civil Division</u> | | | | | | |
| Baldwin (010) | 5,976,018 | 1,456,506 | 17,981 | 81 | 75 | 6 |
| Bridgton (020) | 45,759,696 | 8,173,458 | 14,753 | 554 | 230 | 324 |
| Brunswick (030) | 65,366,397 | 14,775,319 | 16,380 | 902 | 344 | 558 |
| Falmouth (070) | 1,456,725 | 637,336 | 18,209 | 35 | 25 | 10 |
| Freeport (080) | 43,363,061 | 16,571,661 | 15,618 | 1,061 | 500 | 561 |
| Gorham (090) | 53,675,364 | 15,868,753 | 19,518 | 813 | 592 | 221 |
| Gray (100) | 26,599,153 | 1,921,784 | 14,670 | 131 | 71 | 60 |
| Portland (170) | 414,420,149 | 95,110,255 | 21,547 | 4,414 | 3,046 | 1,368 |
| Raymond (190) | 25,978,375 | 7,947,988 | 20,172 | 394 | 310 | 84 |
| Scarborough (200) | 64,308,811 | 20,361,411 | 20,361 | 1,000 | 680 | 320 |
| South Portland (220) | 159,765,191 | 61,077,274 | 25,417 | 2,403 | 1,407 | 996 |
| Westbrook (240) | 498,201,612 | 123,862,383 | 27,953 | 4,431 | 3,165 | 1,266 |
| Windham (250) | 14,835,272 | 5,685,878 | 22,563 | 252 | 199 | 53 |
| Yarmouth (260) | 16,720,673 | 4,151,763 | 18,617 | 223 | 117 | 106 |

Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-----------------------------------|------------------|---------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>FRANKLIN (07)</u> | \$ 504,680,680 | \$ 95,891,620 | \$ 23,428 | 4,093 | 2,646 | 1,447 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 58,925,028 | 16,866,117 | 14,209 | 1,187 | 779 | 408 |
| Lumber & Wood Products (24) | 54,496,369 | 15,741,932 | 14,258 | 1,104 | 738 | 366 |
| Machinery, Except Electrical (35) | 632,279 | 244,441 | 11,640 | 21 | 12 | 9 |
| NONDURABLE GOODS | 445,755,652 | 79,025,503 | 27,193 | 2,906 | 1,867 | 1,039 |
| <u>Minor Civil Division</u> | | | | | | |
| Eustis (060) | 11,962,695 | 2,007,244 | 15,206 | 132 | 121 | 11 |
| Farmington (070) | 23,448,290 | 5,559,035 | 10,390 | 535 | 288 | 247 |
| Kingfield (100) | 5,007,571 | 1,822,556 | 11,990 | 152 | 89 | 63 |
| Phillips (140) | 6,542,169 | 1,608,190 | 14,106 | 114 | 53 | 61 |
| Rangeley (150) | 8,406,882 | 678,171 | 13,041 | 52 | 44 | 8 |
| Strong (180) | 18,598,584 | 4,569,521 | 15,385 | 297 | 209 | 88 |
| Wilton (210) | 65,519,192 | 17,100,105 | 12,964 | 1,319 | 599 | 720 |
| <u>HANCOCK (09)</u> | 399,617,359 | 72,583,399 | 25,593 | 2,836 | 2,244 | 592 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 50,691,615 | 14,512,222 | 18,005 | 806 | 624 | 182 |
| Lumber & Wood Products (24) | 14,188,475 | 2,351,819 | 14,979 | 157 | 147 | 10 |
| Furniture & Fixtures (25) | 210,041 | 44,470 | 8,894 | 5 | 4 | 1 |
| Transportation Equipment (37) | 21,977,165 | 8,507,613 | 20,954 | 406 | 340 | 66 |
| NONDURABLE GOODS | 348,925,744 | 58,071,177 | 28,606 | 2,030 | 1,620 | 410 |
| <u>Minor Civil Division</u> | | | | | | |
| Bar Harbor (030) | 1,985,428 | 565,658 | 12,570 | 45 | 21 | 24 |
| Blue Hill (040) | 644,912 | 566,331 | 10,296 | 55 | 32 | 23 |
| Brooklin (050) | 7,314,284 | 2,399,801 | 22,428 | 107 | 80 | 27 |
| Ellsworth (130) | 31,185,757 | 4,823,408 | 14,528 | 332 | 206 | 126 |
| Gouldsboro (150) | 7,680,764 | 3,843,379 | 17,234 | 223 | 102 | 121 |
| Southwest Harbor (280) | 20,852,942 | 6,679,105 | 20,872 | 320 | 258 | 62 |
| <u>KENNEBEC (11)</u> | 661,507,812 | 167,047,598 | 21,717 | 7,692 | 4,872 | 2,820 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 196,439,210 | 45,217,241 | 23,599 | 1,916 | 1,375 | 541 |
| Lumber & Wood Products (24) | 17,193,230 | 4,376,706 | 15,249 | 287 | 256 | 31 |
| Fabricated Metals (34) | 29,152,269 | 8,325,232 | 20,256 | 411 | 329 | 82 |
| Nonelectrical Machinery (35) | 24,568,442 | 7,655,246 | 26,216 | 292 | 269 | 23 |

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-----------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>KENNEBEC (11) (continued)</u> | | | | | | |
| NONDURABLE GOODS | \$ 465,068,602 | \$ 121,830,357 | \$ 21,092 | 5,776 | 3,497 | 2,279 |
| Food (20) | 63,293,905 | 8,855,957 | 16,836 | 526 | 381 | 145 |
| Textiles (22) | 75,221,095 | 21,923,037 | 18,103 | 1,211 | 798 | 413 |
| Paper (26) | 227,501,951 | 64,272,615 | 27,211 | 2,362 | 1,796 | 566 |
| Printing & Publishing(27) | 32,021,450 | 10,757,948 | 19,489 | 552 | 337 | 215 |
| <u>Minor Civil Division</u> | | | | | | |
| Augusta (020) | 221,631,572 | 50,483,269 | 24,819 | 2,034 | 1,380 | 654 |
| Benton (040) | 4,911,509 | 479,037 | 13,686 | 35 | 31 | 4 |
| Clinton (070) | 11,496,435 | 3,770,009 | 18,756 | 201 | 171 | 30 |
| Gardiner (100) | 21,307,226 | 5,112,296 | 15,586 | 328 | 168 | 160 |
| Hallowell (110) | 4,201,305 | 1,277,167 | 16,166 | 79 | 51 | 28 |
| Mount Vernon (150) | 444,000 | 51,311 | 10,262 | 5 | 5 | 0 |
| Waterville (240) | 127,270,625 | 42,029,085 | 19,165 | 2,193 | 1,032 | 1,161 |
| Winslow (280) | 139,269,595 | 33,707,153 | 28,809 | 1,170 | 892 | 278 |
| <u>KNOX (13)</u> | 266,555,832 | 49,156,907 | 17,400 | 2,825 | 1,671 | 1,154 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 94,858,274 | 20,337,716 | 19,461 | 1,045 | 764 | 281 |
| Lumber & Wood Products (24) | 2,295,256 | 481,643 | 9,632 | 50 | 33 | 17 |
| Fabricated Metals (34) | 8,516,851 | 2,071,418 | 15,458 | 134 | 99 | 35 |
| Machinery, Except Electrical (35) | 36,340,193 | 5,122,335 | 22,271 | 230 | 215 | 15 |
| Transportation Equipment (37) | 8,615,174 | 3,569,821 | 18,592 | 192 | 171 | 21 |
| NONDURABLE GOODS | 171,697,558 | 28,819,191 | 16,190 | 1,780 | 907 | 873 |
| Food (20) | 43,293,387 | 8,352,478 | 13,363 | 625 | 290 | 335 |
| Textiles (22) | 43,136,694 | 5,918,199 | 17,055 | 347 | 213 | 134 |
| Apparel (23) | 14,821,759 | 3,235,035 | 13,044 | 248 | 67 | 181 |
| Printing & Publishing(27) | 13,070,971 | 3,574,974 | 16,550 | 216 | 80 | 136 |
| <u>Minor Civil Division</u> | | | | | | |
| Camden (020) | 23,858,358 | 7,505,076 | 16,350 | 459 | 219 | 240 |
| Rockland (100) | 162,006,292 | 27,101,971 | 16,917 | 1,602 | 943 | 659 |
| Rockport (110) | 5,171,128 | 1,474,226 | 17,761 | 83 | 40 | 43 |
| St. George (120) | 629,919 | 97,058 | 7,466 | 13 | 11 | 2 |
| Thomaston (140) | 30,391,488 | 6,074,413 | 27,610 | 220 | 187 | 33 |
| Warren (170) | 38,461,376 | 4,552,638 | 17,115 | 266 | 170 | 96 |

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-------------------------------|------------------|---------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>LINCOLN (15)</u> | \$ 57,707,510 | \$ 17,497,945 | \$ 18,189 | 962 | 575 | 387 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 45,762,879 | 13,157,177 | 20,398 | 645 | 393 | 252 |
| Lumber & Wood Products (24) | 3,269,069 | 917,210 | 11,759 | 78 | 55 | 23 |
| Stone, Clay, & Glass (32) | 827,058 | 304,546 | 10,876 | 28 | 9 | 19 |
| Nonelectrical Machinery (35) | 4,046,219 | 1,119,184 | 19,634 | 57 | 38 | 19 |
| Transportation Equipment (37) | 8,443,779 | 3,162,637 | 19,167 | 165 | 150 | 15 |
| NONDURABLE GOODS | 11,944,631 | 4,340,768 | 13,693 | 317 | 182 | 135 |
| Food (20) | 3,486,342 | 705,948 | 9,288 | 76 | 41 | 35 |
| Printing & Publishing(27) | 3,293,953 | 935,268 | 13,360 | 70 | 23 | 47 |
| <u>Minor Civil Division</u> | | | | | | |
| Boothbay (020) | 8,950,094 | 3,524,217 | 19,688 | 179 | 147 | 32 |
| Boothbay Harbor (030) | 1,212,226 | 535,297 | 9,229 | 58 | 27 | 31 |
| Bristol (050) | 5,049,113 | 1,287,325 | 16,091 | 80 | 51 | 29 |
| Waldoboro (160) | 29,782,873 | 8,121,153 | 22,310 | 364 | 160 | 204 |
| Wiscasset (190) | 1,405,218 | 372,571 | 14,902 | 25 | 12 | 13 |
| <u>OXFORD (17)</u> | 553,895,596 | 112,028,219 | 20,924 | 5,354 | 3,629 | 1,725 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 146,472,132 | 41,945,192 | 16,391 | 2,559 | 1,743 | 816 |
| Lumber & Wood Products (24) | 122,663,540 | 33,159,665 | 16,065 | 2,064 | 1,466 | 598 |
| Stone, Clay, & Glass (32) | 2,949,666 | 708,268 | 17,274 | 41 | 29 | 12 |
| Nonelectrical Machinery (35) | 10,672,329 | 4,431,725 | 24,484 | 181 | 161 | 20 |
| NONDURABLE GOODS | 407,423,464 | 70,083,027 | 25,074 | 2,795 | 1,886 | 909 |
| Printing & Publishing(27) | 4,853,045 | 1,571,484 | 14,417 | 109 | 59 | 50 |
| Leather (31) | 21,054,779 | 7,231,706 | 12,236 | 591 | 220 | 371 |
| <u>Minor Civil Division</u> | | | | | | |
| Andover (010) | 7,471,940 | 2,107,528 | 13,774 | 153 | 108 | 45 |
| Bethel (020) | 15,050,032 | 5,787,719 | 16,349 | 354 | 211 | 143 |
| Buckfield (040) | 1,348,173 | 349,141 | 10,580 | 33 | 18 | 15 |
| Fryeburg (090) | 14,725,573 | 6,350,726 | 17,164 | 370 | 221 | 149 |
| Norway (210) | 32,347,544 | 10,484,766 | 13,511 | 776 | 393 | 383 |
| Oxford (220) | 61,800,521 | 14,275,983 | 14,964 | 954 | 566 | 388 |
| Paris (230) | 15,615,347 | 5,567,386 | 15,816 | 352 | 192 | 160 |
| Waterford (330) | 7,433,716 | 658,440 | 16,461 | 40 | 37 | 3 |

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>PENOBSCOT (19)</u> | \$ 1,310,425,450 | \$ 290,451,857 | \$ 23,434 | 12,394 | 9,029 | 3,365 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 285,828,427 | 64,495,240 | 19,402 | 3,324 | 2,633 | 691 |
| Lumber & Wood Products (24) | 179,908,393 | 34,530,145 | 18,746 | 1,842 | 1,585 | 257 |
| Stone, Clay, & Glass (32) | 11,556,321 | 3,428,383 | 19,479 | 176 | 164 | 12 |
| Fabricated Metals (34) | 2,224,361 | 1,459,704 | 17,377 | 84 | 77 | 7 |
| Nonelectrical Machinery (35) | 43,511,342 | 11,618,911 | 23,567 | 493 | 456 | 37 |
| Transportation Equipment (37) | 15,542,057 | 3,659,726 | 20,219 | 181 | 118 | 63 |
| NONDURABLE GOODS | 1,024,597,023 | 225,956,617 | 24,912 | 9,070 | 6,396 | 2,674 |
| Food (20) | 59,626,500 | 7,471,934 | 17,622 | 424 | 291 | 133 |
| Textiles (22) | 48,105,351 | 18,746,896 | 16,904 | 1,109 | 641 | 468 |
| Paper (26) | 684,161,670 | 146,607,876 | 33,913 | 4,323 | 3,844 | 479 |
| Printing & Publishing(27) | 30,324,680 | 12,017,913 | 23,200 | 518 | 334 | 184 |
| Leather (31) | 156,626,174 | 36,199,708 | 14,526 | 2,492 | 1,110 | 1,382 |
| <u>Minor Civil Division</u> | | | | | | |
| Bangor (020) | 146,467,249 | 40,319,909 | 19,852 | 2,031 | 1,307 | 724 |
| Brewer (050) | 103,446,486 | 21,886,401 | 23,737 | 922 | 667 | 255 |
| Enfield (200) | 4,758,307 | 896,733 | 15,198 | 59 | 55 | 4 |
| Greenbush (260) | 3,277,485 | 344,184 | 12,747 | 27 | 24 | 3 |
| Hampden (280) | 18,995,149 | 4,070,944 | 17,699 | 230 | 170 | 60 |
| Howland (310) | 2,936,567 | 558,195 | 9,460 | 59 | 57 | 2 |
| Lee (360) | 3,649,760 | 486,298 | 12,797 | 38 | 34 | 4 |
| Lincoln (380) | 92,084,169 | 18,445,493 | 26,927 | 685 | 612 | 73 |
| Newport (470) | 38,549,616 | 11,118,974 | 17,292 | 643 | 380 | 263 |
| Old Town (480) | 204,843,833 | 35,830,898 | 23,903 | 1,499 | 1,052 | 447 |
| Patten (520) | 4,214,664 | 1,038,427 | 12,511 | 83 | 62 | 21 |
| Winn (610) | 8,729,262 | 2,553,813 | 17,734 | 144 | 135 | 9 |
| <u>PISCATAQUIS (21)</u> | 168,395,079 | 42,099,715 | 16,445 | 2,560 | 1,632 | 928 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 72,276,600 | 21,392,795 | 16,443 | 1,301 | 991 | 310 |
| Lumber & Wood Products (24) | 60,076,112 | 16,757,706 | 16,097 | 1,041 | 794 | 247 |
| NONDURABLE GOODS | 96,118,479 | 20,706,920 | 16,447 | 1,259 | 641 | 618 |
| <u>Minor Civil Division</u> | | | | | | |
| Greenville (090) | 19,498,124 | 6,077,101 | 17,412 | 349 | 328 | 21 |
| Guilford (100) | 85,382,976 | 23,971,597 | 17,147 | 1,398 | 804 | 594 |
| Sebec (180) | 2,548,297 | 179,789 | 12,842 | 14 | 13 | 1 |

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|-----------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>SOMERSET (25)</u> | \$ 652,267,351 | \$ 110,547,573 | \$ 19,299 | 5,728 | 3,694 | 2,034 |
| Major Industry | | | | | | |
| DURABLE GOODS | 191,140,994 | 40,474,307 | 17,070 | 2,371 | 1,728 | 643 |
| Lumber & Wood Products (24) | 137,135,519 | 31,152,826 | 17,098 | 1,822 | 1,471 | 351 |
| NONDURABLE GOODS | 461,126,357 | 70,073,266 | 20,873 | 3,357 | 1,966 | 1,391 |
| Food (20) | 11,131,785 | 845,078 | 15,649 | 54 | 36 | 18 |
| Textiles (22) | 3,101,004 | 1,426,743 | 13,987 | 102 | 59 | 43 |
| Apparel (23) | 12,015,378 | 3,929,027 | 13,053 | 301 | 64 | 237 |
| Printing & Publishing(27) | 1,039,006 | 294,828 | 10,919 | 27 | 14 | 13 |
| Leather (31) | 119,959,667 | 23,101,201 | 12,978 | 1,780 | 822 | 958 |
| Minor Civil Division | | | | | | |
| Anson (010) | 26,072,849 | 6,719,675 | 16,114 | 417 | 335 | 82 |
| Bingham (030) | 4,358,547 | 760,093 | 11,344 | 67 | 56 | 11 |
| Detroit (100) | 12,736,957 | 954,624 | 14,686 | 65 | 54 | 11 |
| Harmony (130) | 7,803,608 | 1,482,829 | 11,406 | 130 | 32 | 98 |
| Jackman (160) | 32,532,616 | 7,163,856 | 23,335 | 307 | 297 | 10 |
| Pittsfield (240) | 79,954,501 | 16,448,972 | 13,650 | 1,205 | 507 | 698 |
| Skowhegan (280) | 60,533,254 | 11,973,058 | 12,330 | 971 | 411 | 560 |
| <u>WALDO (27)</u> | 129,632,395 | 25,676,804 | 14,217 | 1,806 | 1,055 | 751 |
| Major Industry | | | | | | |
| DURABLE GOODS | 30,878,241 | 8,695,780 | 16,563 | 525 | 413 | 112 |
| Lumber & Wood Products (24) | 17,431,912 | 4,669,203 | 16,856 | 277 | 216 | 61 |
| Transportation Equipment (37) | 1,653,358 | 598,910 | 13,611 | 44 | 35 | 9 |
| NONDURABLE GOODS | 98,754,154 | 16,981,024 | 13,256 | 1,281 | 642 | 639 |
| Food (20) | 70,646,258 | 9,989,500 | 11,548 | 865 | 398 | 467 |
| Printing & Publishing(27) | 8,157,689 | 2,359,413 | 13,482 | 175 | 106 | 69 |
| Minor Civil Division | | | | | | |
| Belfast (010) | 67,678,197 | 15,031,159 | 12,652 | 1,188 | 569 | 619 |
| Lincolnville (110) | 1,426,472 | 694,930 | 13,626 | 51 | 35 | 16 |
| <u>WASHINGTON (29)</u> | 316,156,708 | 45,595,836 | 20,264 | 2,250 | 1,546 | 704 |
| Major Industry | | | | | | |
| DURABLE GOODS | 86,341,490 | 17,099,951 | 21,979 | 778 | 654 | 124 |
| Lumber & Wood Products (24) | 81,665,407 | 15,409,391 | 24,228 | 636 | 573 | 63 |
| Machinery, Except Electrical (35) | 18,000 | 13,360 | 6,680 | 2 | 2 | 0 |
| NONDURABLE GOODS | 229,815,218 | 28,495,885 | 19,358 | 1,472 | 892 | 580 |
| Food (20) | 46,221,408 | 5,923,475 | 9,694 | 611 | 292 | 319 |

**Table 6 (Continued) CENSUS OF MAINE MANUFACTURES
BY COUNTY, MAJOR INDUSTRY & MINOR CIVIL DIVISION, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|------------------------------------|------------------|---------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>WASHINGTON (29) (continued)</u> | | | | | | |
| <u>Minor Civil Division</u> | | | | | | |
| Baileyville (030) | \$ 208,061,168 | \$ 31,439,265 | \$ 31,035 | 1,013 | 866 | 147 |
| Calais (070) | 4,380,699 | 1,096,905 | 12,904 | 85 | 31 | 54 |
| Danforth (170) | 2,545,281 | 547,889 | 10,146 | 54 | 52 | 2 |
| East Machias (200) | 6,838,212 | 1,068,940 | 14,445 | 74 | 52 | 22 |
| Lubec (260) | 4,825,548 | 1,075,034 | 7,072 | 152 | 65 | 87 |
| Milbridge (310) | 2,404,732 | 1,940,935 | 16,448 | 118 | 48 | 70 |
| <u>YORK (31)</u> | 1,236,084,990 | 270,200,583 | 20,744 | 13,025 | 7,937 | 5,088 |
| <u>Major Industry</u> | | | | | | |
| DURABLE GOODS | 780,859,782 | 182,666,546 | 21,963 | 8,317 | 5,208 | 3,109 |
| Lumber & Wood Products (24) | 34,869,063 | 9,155,736 | 18,647 | 491 | 423 | 68 |
| Stone, Clay, & Glass (32) | 43,066,311 | 12,005,413 | 27,100 | 443 | 389 | 54 |
| Fabricated Metals (34) | 70,356,570 | 26,892,219 | 24,514 | 1,097 | 814 | 283 |
| Nonelectrical Machinery (35) | 26,522,712 | 9,862,729 | 24,352 | 405 | 341 | 64 |
| Electric & Electronic Eqpt. (36) | 213,376,777 | 54,261,057 | 17,931 | 3,026 | 1,061 | 1,965 |
| Transportation Equipment (37) | 347,042,894 | 56,098,589 | 25,487 | 2,201 | 1,679 | 522 |
| NONDURABLE GOODS | 455,225,208 | 87,534,037 | 18,592 | 4,708 | 2,729 | 1,979 |
| Food (20) | 1,630,315 | 312,916 | 8,457 | 37 | 12 | 25 |
| Textiles (22) | 59,274,618 | 17,746,282 | 16,600 | 1,069 | 606 | 463 |
| Apparel (23) | 36,835,693 | 10,668,584 | 15,089 | 707 | 268 | 439 |
| Printing & Publishing(27) | 61,908,443 | 12,892,855 | 18,631 | 692 | 367 | 325 |
| Rubber & Plastics (30) | 121,426,283 | 23,636,546 | 20,697 | 1,142 | 699 | 443 |
| Leather (31) | 159,228,812 | 19,395,712 | 21,151 | 917 | 683 | 234 |
| Miscellaneous (39) | 663,110 | 85,983 | 5,732 | 15 | 4 | 11 |
| <u>Minor Civil Division</u> | | | | | | |
| Biddeford (050) | 198,518,901 | 66,594,892 | 18,822 | 3,538 | 1,885 | 1,653 |
| Kennebunkport (120) | 593,038 | 84,178 | 9,353 | 9 | 2 | 7 |
| Parsonsfield (210) | 21,479,702 | 5,516,266 | 15,942 | 346 | 218 | 128 |
| Saco (220) | 80,151,461 | 25,060,571 | 23,731 | 1,056 | 766 | 290 |
| Sanford (230) | 283,822,911 | 65,844,781 | 18,727 | 3,516 | 1,842 | 1,674 |
| York (280) | 3,653,478 | 1,018,449 | 11,706 | 87 | 28 | 59 |

TABLE 7

CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA, 1987

| AREA | NUMBER REPORTING | VALUE OF PRODUCT | | | EMPLOYMENT | | | UNIONIZED WORKERS | WAGES | |
|--|---------------------|------------------|----------------|-------|------------|-------|--------|----------------------|---------------|-----------|
| | | \$ | PERCENT CHANGE | | TOTAL | MALE | FEMALE | | GROSS | AVERAGE |
| | | | 1982 | 1986 | | | | | | |
| Augusta (19) | 104 | 357,247,643 | 24.6 | -7.0 | 4,062 | 2,615 | 1,447 | 1,422 | \$ 84,522,629 | \$ 20,808 |
| Bangor (12) | 133 | 569,026,393 | 31.3 | 7.5 | 5,404 | 3,818 | 1,586 | 1,538 | 115,239,970 | 21,325 |
| Bar Harbor - Southwest Harbor (09) | 59 | 42,541,353 | 25.8 | 16.0 | 796 | 514 | 282 | 40 | 13,854,223 | 17,405 |
| Belfast (16) | 70 | 117,674,272 | 4.6 | -2.4 | 1,607 | 905 | 702 | 802 | 22,269,697 | 13,858 |
| Biddeford - Sanford (29) | 165 | 647,283,267 | 9.5 | 5.1 | 9,140 | 5,014 | 4,126 | 1,571 | 176,826,606 | 19,346 |
| Blue Hill - Stonington (10) | 45 | 16,604,744 | 98.5 | 27.2 | 318 | 162 | 156 | 0 | 4,514,614 | 14,197 |
| Bridgton (28) | 85 | 110,092,614 | 35.1 | -1.0 | 1,733 | 1,011 | 722 | 105 | 27,966,681 | 16,138 |
| Brunswick - Bath (24) | 77 | 713,763,773 | 22.8 | 2.1 | 9,775 | 7,611 | 2,164 | 6,533 | 237,539,927 | 24,301 |
| Calais - Baileyville (05) | 21 | 214,677,782 | 38.6 | 14.8 | 1,137 | 919 | 218 | 736 | 32,973,830 | 29,001 |
| Dexter (15) | 37 | 199,624,100 | 17.5 | 8.1 | 2,979 | 1,634 | 1,345 | 46 | 48,623,840 | 16,322 |
| Dover Foxcroft - Guilford (14) | 77 | 160,826,659 | 7.1 | 5.7 | 2,466 | 1,555 | 911 | 33 | 40,614,083 | 16,470 |
| Eastport (06) | 16 | 17,465,008 | 18.2 | 27.4 | 394 | 215 | 179 | 0 | 4,891,064 | 12,414 |
| Ellsworth - Bucksport (11) | - | - | - | - | - | - | - | - | - | - |
| Farmington - Jay (22) | 106 | 504,465,511 | -7.8 | -5.8 | 4,216 | 2,649 | 1,567 | 454 | 97,493,134 | 23,125 |
| Houlton (03) | 50 | 58,757,568 | 43.2 | -18.3 | 895 | 696 | 199 | 48 | 14,721,503 | 16,449 |
| Jonesport - Cherryfield (08) | 21 | 25,914,178 | 54.0 | -23.1 | 433 | 220 | 213 | 0 | 4,109,437 | 9,491 |
| Kittery (30) | 61 | 566,047,108 | 69.4 | 6.0 | 3,493 | 2,697 | 796 | 0 | 87,471,528 | 25,042 |
| Lewiston (23) | 202 | 671,669,680 | 17.2 | -3.2 | 10,368 | 6,218 | 4,150 | 907 | 179,525,496 | 17,315 |
| Lincoln (13) | 59 | 136,045,853 | 19.0 | 10.4 | 1,186 | 1,083 | 103 | 539 | 27,266,417 | 22,990 |
| Machias - Whitneyville (07) | 17 | 25,326,701 | 721.0 | 52.7 | 204 | 113 | 91 | 0 | 2,794,787 | 13,700 |
| Madawaska (01) | 55 | 377,736,243 | 18.6 | -1.4 | 2,043 | 1,625 | 418 | 1,036 | 55,080,922 | 26,961 |
| Millinocket (04) | - | - | - | - | - | - | - | - | - | - |
| Paris - Norway (27) | 89 | 133,330,953 | 7.3 | 8.9 | 2,496 | 1,430 | 1,066 | 105 | 36,452,522 | 14,604 |
| Portland (25) | 337 | 1,364,026,743 | 25.7 | 5.6 | 14,655 | 9,872 | 4,783 | 2,921 | 349,282,638 | 23,834 |
| Presque Isle (02) | 69 | 250,622,342 | 61.9 | 20.9 | 2,903 | 1,812 | 1,091 | 625 | 45,874,357 | 15,802 |
| Rockland (17) | 126 | 266,382,872 | 61.7 | 12.5 | 2,821 | 1,671 | 1,150 | 235 | 49,103,168 | 17,406 |
| Rumford (26) | 64 | 400,379,146 | 26.0 | 14.9 | 2,412 | 1,912 | 500 | 1,361 | 68,051,309 | 28,214 |
| Skowhegan (21) | 108 | 253,945,483 | -0.4 | -28.6 | 4,135 | 2,298 | 1,837 | 240 | 63,224,208 | 15,290 |
| Waldoboro (18) | 83 | 50,944,478 | 31.5 | 18.6 | 815 | 463 | 352 | 0 | 15,249,463 | 18,711 |
| Waterville (20) | 76 | 668,357,668 | 76.8 | 26.9 | 5,103 | 3,380 | 1,723 | 2,906 | 125,381,161 | 24,570 |
| NOTE: The total of the economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas. | | | | | | | | | | |

TABLE 8

MAINE CAPITAL EXPENDITURES BY ECONOMIC AREA, 1987

| AREA | PLANT MODERNIZATION & EQUIPMENT | | | | | | FOREIGN EXPORTS | |
|--|---------------------------------|-------------------|------------------------|---------------|---------------|---------------|-----------------|--------------|
| | TOTAL | NEW STRUCTURES | EXISTING STRUCTURES | EQUIPMENT | PLANNED | | IMPORTS | EXPORTS |
| | | | | | 1989 | 1990 | | |
| Augusta (19) | \$ 12,347,788 | \$ 2,138,045 | \$ 0 | \$ 10,209,743 | \$ 12,561,924 | \$ 13,397,883 | \$ 14,854,441 | \$ 1,922,970 |
| Bangor (12) | 56,334,140 | 9,635,322 | 75,000 | 46,623,818 | 50,850,264 | 43,994,500 | 17,428,078 | 26,951,734 |
| Bar Harbor - Southwest Harbor (09) | 4,272,675 | 1,244,623 | 0 | 3,028,052 | 1,652,500 | 2,614,500 | 1,357,553 | 115,803 |
| Belfast (16) | 2,496,336 | 538,372 | 102,169 | 1,855,795 | 5,025,768 | 4,085,670 | 708,500 | 2,681,002 |
| Biddeford - Sanford (29) | 30,274,959 | 3,187,181 | 570,000 | 26,517,778 | 26,157,933 | 25,282,873 | 8,165,242 | 35,436,302 |
| Blue Hill - Stonington (10) | 1,112,418 | 656,205 | 56,000 | 400,213 | 516,392 | 215,400 | 0 | 417,042 |
| Bridgton (28) | 3,978,982 | 747,351 | 7,500 | 3,224,131 | 4,199,100 | 1,869,230 | 1,836,444 | 842,123 |
| Brunswick - Bath (24) | 14,995,332 | 3,658,293 | 6,000 | 11,331,039 | 7,955,178 | 26,227,500 | 1,051,500 | 1,000,080 |
| Calais - Baileyville (05) | 28,320,632 | 11,934 | 0 | 28,308,698 | 62,593,953 | 46,860,500 | 11,679,466 | 60,224,321 |
| Dexter (15) | 1,701,704 | 286,259 | 0 | 1,415,445 | 784,710 | 698,100 | 4,140,000 | 1,473,957 |
| Dover Foxcroft - Guilford (14) | 6,152,497 | 2,739,898 | 0 | 3,412,599 | 9,086,012 | 2,280,700 | 3,430,191 | 8,469,665 |
| Eastport (06) | 260,224 | 148,970 | 0 | 111,254 | 375,522 | 54,500 | 1,237,150 | 12,268 |
| Ellsworth - Bucksport (11) | - | - | - | - | - | - | - | - |
| Farmington - Jay (22) | 28,169,839 | 961,215 | 75,466 | 27,133,158 | 65,998,016 | 85,796,100 | 21,079,849 | 10,859,476 |
| Houlton (03) | 3,778,468 | 923,833 | 0 | 2,854,635 | 2,637,757 | 1,575,000 | 10,956,016 | 1,963,551 |
| Jonesport - Cherryfield (08) | 716,174 | 136,759 | 0 | 579,415 | 820,000 | 1,844,000 | 128,740 | 110,000 |
| Kittery (30) | 21,508,719 | 1,072,597 | 13,000 | 20,423,122 | 14,876,254 | 20,345,500 | 854,552 | 143,807,304 |
| Lewiston (23) | 27,714,800 | 5,805,819 | 150,000 | 21,758,981 | 16,976,139 | 17,547,084 | 6,352,646 | 16,090,951 |
| Lincoln (13) | 8,655,863 | 727,722 | 0 | 7,928,141 | 9,164,514 | 12,088,000 | 4,831,717 | 3,824,024 |
| Machias - Whitneyville (07) | 632,026 | 9,114 | 50,000 | 572,912 | 196,500 | 309,000 | 0 | 290,000 |
| Madawaska (01) | 13,411,449 | 3,171,311 | 33,000 | 10,207,138 | 25,795,651 | 36,664,400 | 140,100,959 | 15,035,436 |
| Millinocket (04) | - | - | - | - | - | - | - | - |
| Paris - Norway (27) | 6,964,132 | 2,885,360 | 20,000 | 4,058,772 | 5,667,034 | 2,468,770 | 3,939,943 | 1,234,814 |
| Portland (25) | 78,614,004 | 7,083,442 | 1,262,042 | 70,268,520 | 105,740,637 | 90,453,338 | 61,091,335 | 101,617,524 |
| Presque Isle (02) | 10,261,517 | 6,916,787 | 0 | 3,344,730 | 6,806,846 | 6,722,950 | 4,855,656 | 2,030,154 |
| Rockland (17) | 9,240,126 | 1,580,255 | 262,500 | 7,297,371 | 14,160,583 | 6,318,381 | 27,445,533 | 26,591,858 |
| Rumford (26) | 22,039,265 | 357,315 | 0 | 21,681,950 | 65,616,838 | 118,716,000 | 9,906,000 | 4,753,406 |
| Skowhegan (21) | 12,008,432 | 1,122,945 | 849,215 | 10,036,272 | 5,971,991 | 3,297,690 | 39,850,634 | 5,989,311 |
| Waldoboro (18) | 2,071,214 | 580,205 | 12,718 | 1,478,291 | 2,802,025 | 4,025,900 | 359,107 | 4,522,399 |
| Waterville (20) | 38,104,000 | 3,653,745 | 23,008 | 34,427,247 | 46,876,839 | 59,065,135 | 15,297,728 | 6,000,438 |
| NOTE: The total of these economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas. | | | | | | | | |

Table 9

CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---|------------------|---------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>AUGUSTA (19)</u> | \$ 357,247,643 | \$ 84,522,629 | \$ 20,808 | 4,062 | 2,615 | 1,447 |
| DURABLE GOODS | 161,660,307 | 33,529,175 | 23,044 | 1,455 | 887 | 568 |
| Lumber & Wood Products (24) | 11,404,113 | 3,020,573 | 14,315 | 211 | 176 | 35 |
| Fabricated Metals (34) | 22,422,969 | 6,080,015 | 20,402 | 298 | 232 | 66 |
| NONDURABLE GOODS | 195,587,336 | 50,993,454 | 19,560 | 2,607 | 1,728 | 879 |
| Textiles (22) | 70,556,252 | 18,271,120 | 17,877 | 1,022 | 691 | 331 |
| Printing & Publishing(27) | 19,268,809 | 5,868,645 | 19,497 | 301 | 185 | 116 |
| <u>BANGOR (12)</u> | 569,026,393 | 115,239,970 | 21,324 | 5,404 | 3,818 | 1,586 |
| DURABLE GOODS | 153,413,295 | 35,342,166 | 19,700 | 1,794 | 1,339 | 455 |
| Lumber & Wood Products (24) | 56,843,048 | 9,621,646 | 18,977 | 507 | 452 | 55 |
| Stone, Clay & Glass (32) | 9,474,238 | 2,681,228 | 19,151 | 140 | 133 | 7 |
| Fabricated Metals (34) | 2,095,649 | 742,900 | 13,507 | 55 | 51 | 4 |
| Transportation Equipment (37) | 15,542,057 | 3,659,726 | 20,219 | 181 | 118 | 63 |
| NONDURABLE GOODS | 415,613,098 | 79,897,804 | 22,132 | 3,610 | 2,479 | 1,131 |
| Printing & Publishing(27) | 29,434,461 | 11,714,891 | 23,859 | 491 | 328 | 163 |
| Leather (31) | 43,629,702 | 10,399,306 | 12,514 | 831 | 398 | 433 |
| <u>BAR HARBOR - SOUTHWEST HARBOR (09)</u> | 42,541,353 | 13,854,223 | 17,404 | 796 | 514 | 282 |
| DURABLE GOODS | 30,313,695 | 9,851,271 | 18,448 | 534 | 399 | 135 |
| Transportation Equipment (37) | 17,311,038 | 6,692,476 | 20,848 | 321 | 262 | 59 |
| NONDURABLE GOODS | 12,227,658 | 4,002,952 | 15,278 | 262 | 115 | 147 |
| Food (20) | 8,886,787 | 3,443,896 | 15,870 | 217 | 103 | 114 |
| Misc. Manufacturing Ind. (39) | 1,006,574 | 14,957 | 7,478 | 2 | 1 | 1 |
| <u>BELFAST (16)</u> | 117,674,272 | 22,269,697 | 13,857 | 1,607 | 905 | 702 |
| DURABLE GOODS | 21,378,815 | 6,066,768 | 16,530 | 367 | 286 | 81 |
| Lumber & Wood Products (24) | 16,645,335 | 4,550,016 | 16,977 | 268 | 207 | 61 |
| Transportation Equipment (37) | 1,653,358 | 598,910 | 13,611 | 44 | 35 | 9 |
| NONDURABLE GOODS | 96,295,457 | 16,202,929 | 13,066 | 1,240 | 619 | 621 |
| Food (20) | 69,983,051 | 9,813,866 | 11,518 | 852 | 394 | 458 |
| Printing & Publishing(27) | 7,688,692 | 2,202,584 | 13,348 | 165 | 103 | 62 |

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|------------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>BIDDEFORD - SANFORD (29)</u> | \$ 647,283,267 | \$ 176,826,606 | \$ 19,346 | 9,140 | 5,014 | 4,126 |
| DURABLE GOODS | 401,851,211 | 117,228,567 | 20,292 | 5,777 | 3,188 | 2,589 |
| Lumber & Wood Products (24) | 25,594,436 | 6,581,507 | 21,368 | 308 | 267 | 41 |
| Stone, Clay, & Glass (32) | 42,210,313 | 11,819,244 | 27,679 | 427 | 379 | 48 |
| Fabricated Metals (34) | 54,397,120 | 22,665,864 | 24,825 | 913 | 718 | 195 |
| Nonelectrical Machinery (35) | 23,838,261 | 8,834,377 | 24,137 | 366 | 308 | 58 |
| Electric & Electronic Eqpt. (36) | 205,539,206 | 52,246,360 | 17,935 | 2,913 | 993 | 1,920 |
| NONDURABLE GOODS | 245,432,056 | 59,598,039 | 17,721 | 3,363 | 1,826 | 1,537 |
| Food (20) | 1,556,890 | 245,220 | 9,082 | 27 | 8 | 19 |
| Textiles (22) | 49,357,210 | 15,507,396 | 16,462 | 942 | 532 | 410 |
| Printing & Publishing(27) | 14,838,399 | 4,442,102 | 15,160 | 293 | 121 | 172 |
| Rubber & Plastics (30) | 121,426,283 | 23,636,546 | 20,697 | 1,142 | 699 | 443 |
| Leather (31) | 8,183,917 | 2,881,422 | 16,007 | 180 | 116 | 64 |
| <u>BLUE HILL - STONINGTON (10)</u> | 16,604,744 | 4,514,614 | 14,196 | 318 | 162 | 156 |
| DURABLE GOODS | 5,367,554 | 2,144,120 | 18,325 | 117 | 102 | 15 |
| Lumber & Wood Products (24) | 215,377 | 213,139 | 11,217 | 19 | 18 | 1 |
| NONDURABLE GOODS | 11,237,190 | 2,370,494 | 11,793 | 201 | 60 | 141 |
| Printing & Publishing(27) | 3,965,750 | 1,167,321 | 15,359 | 76 | 24 | 52 |
| <u>BRIDGTON (28)</u> | 110,092,614 | 27,966,681 | 16,137 | 1,733 | 1,011 | 722 |
| DURABLE GOODS | 57,425,500 | 18,007,466 | 17,882 | 1,007 | 764 | 243 |
| Lumber & Wood Products (24) | 24,578,777 | 7,082,135 | 15,497 | 457 | 353 | 104 |
| Nonelectrical Machinery (35) | 11,459,551 | 4,571,966 | 22,522 | 203 | 173 | 30 |
| NONDURABLE GOODS | 52,667,114 | 9,959,215 | 13,717 | 726 | 247 | 479 |
| Apparel (23) | 1,824,861 | 874,485 | 9,205 | 95 | 15 | 80 |
| Printing & Publishing(27) | 1,221,561 | 410,060 | 11,390 | 36 | 15 | 21 |
| <u>BRUNSWICK - BATH (24)</u> | 713,763,773 | 237,539,927 | 24,300 | 9,775 | 7,611 | 2,164 |
| <u>CALAIS - BAILEYVILLE (05)</u> | 214,677,782 | 32,973,830 | 29,000 | 1,137 | 919 | 218 |
| <u>DEXTER (15)</u> | 199,624,100 | 48,623,840 | 16,322 | 2,979 | 1,634 | 1,345 |
| Lumber & Wood Products (24) | 14,674,389 | 3,175,867 | 17,841 | 178 | 139 | 39 |

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---------------------------------------|------------------|---------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>DOVER-FOXCROFT - GUILFORD (14)</u> | \$ 160,826,659 | \$ 40,614,083 | \$ 16,469 | 2,466 | 1,555 | 911 |
| DURABLE GOODS | 64,828,180 | 20,023,599 | 16,279 | 1,230 | 922 | 308 |
| Lumber & Wood Products (24) | 52,627,692 | 15,388,510 | 15,864 | 970 | 725 | 245 |
| NONDURABLE GOODS | 95,998,479 | 20,590,484 | 16,658 | 1,236 | 633 | 603 |
| <u>EASTPORT (06)</u> | 17,465,008 | 4,891,064 | 12,413 | 394 | 215 | 179 |
| NONDURABLE GOODS | 14,767,732 | 4,400,433 | 12,023 | 366 | 189 | 177 |
| Food (20) | 5,006,814 | 1,105,387 | 7,131 | 155 | 68 | 87 |
| <u>FARMINGTON - JAY (22)</u> | 504,465,511 | 97,493,134 | 23,124 | 4,216 | 2,649 | 1,567 |
| DURABLE GOODS | 45,716,904 | 16,253,952 | 14,282 | 1,138 | 710 | 428 |
| Lumber & Wood Products (24) | 41,646,401 | 15,294,700 | 14,374 | 1,064 | 674 | 390 |
| NONDURABLE GOODS | 458,748,607 | 81,239,182 | 26,393 | 3,078 | 1,939 | 1,139 |
| Leather Products (31) | 87,769,794 | 15,614,343 | 11,129 | 1,403 | 638 | 765 |
| <u>HOULTON (03)</u> | 58,757,568 | 14,721,503 | 16,448 | 895 | 696 | 199 |
| DURABLE GOODS | 31,939,801 | 10,266,477 | 16,347 | 628 | 518 | 110 |
| NONDURABLE GOODS | 26,817,767 | 4,455,026 | 16,685 | 267 | 178 | 89 |
| <u>JONESPORT - CHERRYFIELD (08)</u> | 25,914,178 | 4,109,437 | 9,490 | 433 | 220 | 213 |
| <u>KITTERY (30)</u> | 566,047,108 | 87,471,528 | 25,041 | 3,493 | 2,697 | 796 |
| DURABLE GOODS | 367,696,277 | 62,403,117 | 26,611 | 2,345 | 1,879 | 466 |
| Lumber & Wood Products (24) | 6,049,904 | 1,554,064 | 15,386 | 101 | 83 | 18 |
| NONDURABLE GOODS | 198,350,831 | 25,068,411 | 21,836 | 1,148 | 818 | 330 |
| Miscellaneous (39) | 108,575 | 31,762 | 6,352 | 5 | 1 | 4 |
| <u>LEWISTON (23)</u> | 671,669,680 | 179,525,496 | 17,315 | 10,368 | 6,218 | 4,150 |
| DURABLE GOODS | 186,275,340 | 56,729,951 | 20,326 | 2,791 | 2,087 | 704 |
| Lumber & Wood Products (24) | 17,267,882 | 3,568,835 | 16,599 | 215 | 188 | 27 |
| Stone, Clay, & Glass (32) | 28,213,965 | 8,554,858 | 20,368 | 420 | 385 | 35 |
| Fabricated Metals (34) | 21,151,686 | 4,956,285 | 20,312 | 244 | 209 | 35 |
| Nonelectrical Machinery (35) | 17,458,295 | 5,378,408 | 19,277 | 279 | 234 | 45 |
| Electric & Electronic Eqpt. (36) | 59,209,113 | 18,640,261 | 21,038 | 886 | 476 | 410 |

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|------------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>LEWISTON (23) (continued)</u> | | | | | | |
| NONDURABLE GOODS | \$ 485,394,340 | \$ 122,795,545 | \$ 16,206 | 7,577 | 4,131 | 3,446 |
| Food (20) | 93,224,115 | 16,644,262 | 19,043 | 874 | 650 | 224 |
| Textiles (22) | 70,297,807 | 19,792,670 | 16,702 | 1,185 | 757 | 428 |
| Apparel (23) | 2,196,500 | 1,141,594 | 10,872 | 105 | 47 | 58 |
| Paper (26) | 48,908,374 | 13,461,810 | 21,642 | 622 | 375 | 247 |
| Printing & Publishing(27) | 30,137,088 | 11,816,334 | 18,405 | 642 | 363 | 279 |
| Rubber & Plastics (30) | 156,723,304 | 30,419,803 | 17,872 | 1,702 | 1,008 | 694 |
| Leather (31) | 81,275,903 | 27,209,704 | 11,887 | 2,289 | 836 | 1,453 |
| <u>LINCOLN (13)</u> | 136,045,853 | 27,266,417 | 22,990 | 1,186 | 1,083 | 103 |
| <u>MACHIAS - WHITNEYVILLE (07)</u> | 25,326,701 | 2,794,787 | 13,699 | 204 | 113 | 91 |
| <u>MADAWASKA (01)</u> | 377,736,243 | 55,080,922 | 26,960 | 2,043 | 1,625 | 418 |
| <u>PARIS - NORWAY (27)</u> | 133,330,953 | 36,452,522 | 14,604 | 2,496 | 1,430 | 1,066 |
| DURABLE GOODS | 73,892,463 | 19,798,795 | 14,886 | 1,330 | 845 | 485 |
| Lumber & Wood Products (24) | 55,580,437 | 13,834,191 | 14,440 | 958 | 673 | 285 |
| NONDURABLE GOODS | 59,438,490 | 16,653,727 | 14,282 | 1,166 | 585 | 581 |
| Leather (31) | 19,687,305 | 6,329,356 | 12,242 | 517 | 200 | 317 |
| <u>PORTLAND (25)</u> | 1,364,026,743 | 349,282,638 | 23,833 | 14,655 | 9,872 | 4,783 |
| DURABLE GOODS | 622,387,592 | 160,508,825 | 23,074 | 6,956 | 4,650 | 2,306 |
| Lumber & Wood Products (24) | 46,050,850 | 13,102,344 | 17,973 | 729 | 560 | 169 |
| Furniture & Fixtures (25) | 7,396,825 | 1,691,234 | 15,236 | 111 | 67 | 44 |
| Stone, Clay, & Glass (32) | 14,645,095 | 3,141,132 | 19,632 | 160 | 146 | 14 |
| Primary Metals (33) | 1,574,621 | 495,026 | 15,968 | 31 | 25 | 6 |
| Fabricated Metals (34) | 59,094,878 | 13,521,751 | 23,273 | 581 | 461 | 120 |
| Nonelectrical Machinery (35) | 237,346,713 | 45,720,283 | 23,314 | 1,961 | 1,431 | 530 |
| Electric & Electronic Eqpt. (36) | 240,107,637 | 79,151,372 | 25,103 | 3,153 | 1,861 | 1,292 |
| Transportation Equipment (37) | 3,128,390 | 1,216,686 | 19,010 | 64 | 57 | 7 |
| Measuring Instruments (38) | 13,042,583 | 2,468,997 | 14,873 | 166 | 42 | 124 |

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|----------------------------------|------------------|----------------|--------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>PORTLAND (25) (continued)</u> | | | | | | |
| NONDURABLE GOODS | \$ 741,639,151 | \$ 188,773,813 | \$ 24,519 | 7,699 | 5,222 | 2,477 |
| Food (20) | 305,769,626 | 40,618,111 | 20,712 | 1,961 | 1,439 | 522 |
| Apparel (23) | 11,585,661 | 2,968,796 | 10,344 | 287 | 100 | 187 |
| Printing & Publishing(27) | 57,574,214 | 31,359,359 | 20,892 | 1,501 | 855 | 646 |
| Chemicals (28) | 14,503,569 | 5,778,553 | 24,694 | 234 | 115 | 119 |
| Rubber & Plastics (30) | 21,558,374 | 7,467,272 | 18,392 | 406 | 275 | 131 |
| <u>PRESQUE ISLE (02)</u> | 250,622,342 | 45,874,357 | 15,802 | 2,903 | 1,812 | 1,091 |
| DURABLE GOODS | 90,348,276 | 22,910,121 | 17,759 | 1,290 | 878 | 412 |
| NONDURABLE GOODS | 160,274,066 | 22,964,236 | 14,236 | 1,613 | 934 | 679 |
| Food (20) | 114,538,006 | 14,023,102 | 15,062 | 931 | 604 | 327 |
| Printing & Publishing(27) | 2,600,823 | 1,024,812 | 13,848 | 74 | 41 | 33 |
| <u>ROCKLAND (17)</u> | 266,382,872 | 49,103,168 | 17,406 | 2,821 | 1,671 | 1,150 |
| DURABLE GOODS | 94,885,314 | 20,337,716 | 19,461 | 1,045 | 764 | 281 |
| Lumber & Wood Products (24) | 2,322,296 | 481,643 | 9,632 | 50 | 33 | 17 |
| Fabricated Metals (34) | 8,516,851 | 2,071,418 | 15,458 | 134 | 99 | 35 |
| Nonelectrical Machinery (35) | 36,340,193 | 5,122,335 | 22,271 | 230 | 215 | 15 |
| Transportation Equipment (37) | 8,615,174 | 3,569,821 | 18,592 | 192 | 171 | 21 |
| NONDURABLE GOODS | 171,497,558 | 28,765,452 | 16,196 | 1,776 | 907 | 869 |
| Food (20) | 43,293,387 | 8,352,478 | 13,363 | 625 | 290 | 335 |
| Textiles (22) | 43,136,694 | 5,918,199 | 17,055 | 347 | 213 | 134 |
| Apparel (23) | 14,821,759 | 3,235,035 | 13,044 | 248 | 67 | 181 |
| Printing & Publishing(27) | 13,070,971 | 3,574,974 | 16,550 | 216 | 80 | 136 |
| Miscellaneous (39) | 2,091,704 | 422,812 | 14,093 | 30 | 18 | 12 |
| <u>SKOWHEGAN (21)</u> | 253,945,483 | 63,224,208 | 15,290 | 4,135 | 2,298 | 1,837 |
| DURABLE GOODS | 110,190,387 | 23,220,400 | 14,503 | 1,601 | 1,025 | 576 |
| NONDURABLE GOODS | 143,755,096 | 40,003,808 | 15,786 | 2,534 | 1,273 | 1,261 |
| Apparel (23) | 12,015,378 | 3,929,027 | 13,053 | 301 | 64 | 237 |
| Leather (31) | 119,207,385 | 22,971,403 | 13,066 | 1,758 | 820 | 938 |
| <u>WALDOBORO (18)</u> | 50,944,478 | 15,249,463 | 18,710 | 815 | 463 | 352 |
| DURABLE GOODS | 43,120,395 | 12,845,215 | 20,852 | 616 | 374 | 242 |
| Lumber & Wood Products (24) | 1,862,885 | 633,791 | 12,427 | 51 | 37 | 14 |
| Stone, Clay, & Glass (32) | 712,058 | 277,403 | 10,669 | 26 | 8 | 18 |
| Nonelectrical Machinery (35) | 2,946,219 | 1,119,184 | 19,634 | 57 | 38 | 19 |
| Transportation Equipment (37) | 8,443,779 | 3,162,637 | 19,167 | 165 | 150 | 15 |

**Table 9 (Continued) CENSUS OF MAINE MANUFACTURES
BY ECONOMIC AREA & MAJOR INDUSTRY, 1987**

| | Value of Product | Gross Wages | Average Wage | Number of Workers | | |
|---|---------------------|--------------|-----------------|-------------------|-------|--------|
| | | | | Total | Male | Female |
| <u>WALDOBORO (18)</u> (continued) | | | | | | |
| NONDURABLE GOODS | \$ 7,824,083 | \$ 2,404,248 | \$ 12,081 | 199 | 89 | 110 |
| Food (20) | 2,156,342 | 587,106 | 9,173 | 64 | 33 | 31 |
| Printing & Publishing(27) | 3,193,778 | 918,185 | 13,704 | 67 | 21 | 46 |
| <u>WATERVILLE (20)</u> | 668,357,668 | 125,381,161 | 24,570 | 5,103 | 3,380 | 1,723 |
| DURABLE GOODS | 73,676,123 | 19,731,207 | 24,062 | 820 | 746 | 74 |
| Lumber & Wood Products (24) | 34,883,426 | 7,311,374 | 22,706 | 322 | 300 | 22 |
| NONDURABLE GOODS | 594,681,545 | 105,649,954 | 24,667 | 4,283 | 2,634 | 1,649 |
| Food (20) | 38,410,382 | 4,782,286 | 13,901 | 344 | 230 | 114 |
| Paper (26) | 473,550,096 | 75,379,688 | 31,526 | 2,391 | 1,874 | 517 |
| Printing & Publishing(27) | 13,529,871 | 5,102,166 | 19,037 | 268 | 160 | 108 |
| NOTE: The totals of these economic areas may not be equal to the total for the state due to the presence of nonclassifiable establishments and nondisclosable economic areas. | | | | | | |

TABLE 10

CENSUS OF MAINE MANUFACTURES BY PLANT SIZE, 1987

| ESTABLISHMENTS EMPLOYING: | NUMBER REPORTING | VALUE OF PRODUCT | | | EMPLOYMENT | | | UNIONIZED WORKERS | WAGES | |
|-----------------------------|---------------------|------------------|----------------|-------|------------|--------|--------|----------------------|----------------|-----------|
| | | \$ | PERCENT CHANGE | | TOTAL | MALE | FEMALE | | GROSS | AVERAGE |
| | | | 1982 | 1986 | | | | | | |
| 0 - 50 | 2,076 | 1,348,536,028 | 55.1 | 14.9 | 17,304 | 12,396 | 4,908 | 994 | \$ 282,355,316 | \$ 16,317 |
| 51 - 100 | 140 | 815,942,603 | 48.9 | 10.1 | 10,244 | 6,667 | 3,577 | 938 | 181,641,491 | 17,731 |
| 101 - 250 | 129 | 1,588,068,061 | 45.8 | 10.0 | 20,809 | 12,871 | 7,938 | 3,673 | 383,248,046 | 18,417 |
| 251 - 500 | 45 | 1,219,566,107 | -19.7 | -27.5 | 16,349 | 9,091 | 7,258 | 2,781 | 294,427,627 | 18,008 |
| 501 - 1000 | 23 | 1,927,866,312 | 48.9 | 7.7 | 15,592 | 10,033 | 5,559 | 7,237 | 374,495,048 | 24,018 |
| 1001 and Over | 11 | 2,943,049,005 | 13.7 | 17.5 | 21,485 | 17,090 | 4,395 | 11,849 | 638,563,988 | 29,721 |
| Inactive or Out of Business | 191 | 27,024,045 | 64.8 | -73.4 | 2,573 | 1,671 | 902 | 454 | 61,017,317 | 23,714 |

| ESTABLISHMENTS EMPLOYING: | PLANT MODERNIZATION & EQUIPMENT | | | | | | FOREIGN TRADE | |
|-----------------------------|---------------------------------|-------------------|------------------------|---------------|---------------|---------------|---------------|---------------|
| | TOTAL | NEW STRUCTURES | EXISTING STRUCTURES | EQUIPMENT | PLANNED | | IMPORTS | EXPORTS |
| | | | | | 1989 | 1990 | | |
| 0 - 50 | \$ 63,224,810 | \$ 15,540,444 | \$ 1,941,357 | \$ 45,743,009 | \$ 56,279,053 | \$ 35,582,927 | \$ 39,685,564 | \$ 56,122,645 |
| 51 - 100 | 24,978,064 | 4,667,754 | 275,466 | 20,034,844 | 25,658,629 | 19,584,840 | 18,105,598 | 20,468,622 |
| 101 - 250 | 60,833,833 | 10,452,568 | 35,000 | 50,346,265 | 73,325,072 | 67,474,151 | 66,734,792 | 62,513,346 |
| 251 - 500 | 43,872,079 | 8,573,164 | 1,382,042 | 33,916,873 | 38,629,910 | 39,069,615 | 72,296,587 | 36,885,056 |
| 501 - 1000 | 214,367,490 | 13,718,217 | 0 | 200,649,265 | 180,624,397 | 225,795,050 | 58,326,291 | 174,238,322 |
| 1001 and Over | 192,554,179 | 10,556,340 | 0 | 181,997,839 | 329,048,181 | 364,779,500 | 275,689,751 | 185,059,626 |
| Inactive or Out of Business | 293,725 | 22,762 | 0 | 270,963 | 117,000 | 107,000 | 678,000 | 2,2963,879 |

APPENDIX A

Technical Notes and Definitions

AVERAGE GROSS WAGES is the figure obtained by dividing GROSS WAGES by the TOTAL EMPLOYMENT.

CIVIL DIVISIONS are geographical units of government. Major civil divisions are counties; minor civil divisions are cities, towns, plantations, and townships.

ECONOMIC AREAS are defined in Appendix C.

EMPLOYMENT is the number of employees reported in each month, as of the payroll period including the 12th of the month, averaged at the establishment level over the full twelve months.

ESTABLISHMENT is defined as a single physical location where industrial operations are performed; it is, therefore, a place of business rather than a legal entity or company which may have units in many locations. Where appropriate (e.g., logging operations) combined reports have been assigned to no specific civil division, merely to the county in which said principal location is found. A small number of multi-county operations report on a statewide basis.

EXPENDITURES FOR PLANT MODERNIZATION AND EQUIPMENT (or Capital Expenditures) is the actual amount spent during the survey year and planned for the two succeeding years for three categories: New Structures and/or Additions or Alterations to Existing Structures; Purchase of Existing Structures; and Purchase of New or Used Machinery or Equipment. Land costs are excluded.

FOREIGN TRADE - EXPORTS is the sales value of goods manufactured at an establishment that were shipped to foreign countries either directly or via out-of-state agents. IMPORTS is the cost of materials imported from foreign countries for use in the manufacturing process at an establishment.

GROSS WAGES shows total earnings during the calendar year of all employees before deductions, as reported to the Maine Bureau of Employment Security for Unemployment Insurance taxes. Before 1976, executives were excluded and wages were reported directly to the Bureau of Labor Standards. Because various fringe benefits such as payroll taxes, insurance, etc. paid by employers, are excluded, this data does not represent total labor costs on the part of the employer.

SPECIAL STUDIES from Census data are available upon written request to the Director of the Bureau of Labor Standards. The Bureau reserves the right to reject any request or to charge for costs incurred.

STANDARD INDUSTRIAL CLASSIFICATION (SIC) The Standard Industrial Classification system as compiled by the Executive Office of the President, Office of Management and Budget, was used to determine the industry title applicable to each establishment. Descriptions of major industry groups may be found in Appendix B. Each establishment has been classified according to its principal activity.

VALUE OF PRODUCT is the net selling price of all goods manufactured or processed during the calendar year. If industrial operations were on a contractual basis, the total of amounts received for contract work or services performed has been included.

WORKERS UNDER UNION CONTRACT is the number of workers organized under a union contract and/or a collective bargaining agreement. It represents the number from one representative payroll period; the comparative figure for NUMBER OF WORKERS is an average for the year.

APPENDIX A (Continued)

Shown below is a copy of the 1987 Census of Maine Manufactures form first mailed to the 2615 establishment: in November, 1988.

| STATE OF MAINE Department of Labor Bureau of Labor Standards Mail Station 45 Augusta, Maine 04333 Telephone No. 207-289-6446 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|------------------------------------|--|---|--|---|------------------------------------|--|--|--|--|----|----|--|--|--|--|--|----|--|--|--|--|--|----|--|--|--|--|--|----|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|--|
| IMPORTANT: The filing of this report is required of all manufacturers and processors in the State of Maine under Title 26, Secs. 42, 43, 46, RS 1964. Penalties for failure or neglect to file at \$25 to \$100, imprisonment up to 30 days, or both. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; width: 150px; height: 100px; margin: 0 auto;"></div> <p>RETAIN THIS COPY FOR YOUR FILES</p> | <p>COMPLETE AND RETURN THIS REPORT BY DECEMBER 7, 1988</p> <p>Retain Unlabeled Copy for your Files</p> <p>Please Make Necessary Changes To Address Label</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CENSUS OF MAINE MANUFACTURES 1987</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>I. ESTABLISHMENTS COVERED IN THIS REPORT If this report covers two or more establishments in different locations, please give approximate percent of operation in each location.</p> <table style="width: 100%;"><tr><td style="width: 40%;">(City or Town name if different from mail address)</td><td style="width: 20%;">(County)</td><td style="width: 20%;">(Number of Units)</td><td style="width: 20%;">(Approximate % of Operation)</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table> | | (City or Town name if different from mail address) | (County) | (Number of Units) | (Approximate % of Operation) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (City or Town name if different from mail address) | (County) | (Number of Units) | (Approximate % of Operation) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>II. DESCRIPTION, QUANTITY, AND VALUE OF PRODUCTS</p> <table style="width: 100%;"><tr><th rowspan="2" style="width: 35%;">A. Description of Principal Products Produced (List Items Separately)</th><th rowspan="2" style="width: 25%;">B. Principal Materials Used for Each Product Listed</th><th colspan="2" style="width: 10%;">C. Was Material Used Produced in this Establishment?</th><th rowspan="2" style="width: 15%;">D. Quantity Produced (Indicate Unit of Measure)</th><th rowspan="2" style="width: 15%;">E. Gross Value of Product (Omit Cents)</th></tr><tr><th>Yes</th><th>No</th></tr><tr><td>1. </td><td> </td><td> </td><td> </td><td> </td><td>\$ </td></tr><tr><td>2. </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>3. </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>4. </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>5. </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td colspan="6">6. All Other Products</td></tr><tr><td colspan="6">7. Receipts for work done by you on material owned by others, etc. (Contract job work)</td></tr><tr><td colspan="6">8. Receipts for custom work, repairing, and/or installation of your own product. (Sales of Scrap and waste recovery)</td></tr><tr><td colspan="6">9. Re-sale of products purchased without further manufacture</td></tr><tr><td colspan="6" style="text-align: center;">TOTAL OF LINES 1 - 9</td></tr></table> | | A. Description of Principal Products Produced (List Items Separately) | B. Principal Materials Used for Each Product Listed | C. Was Material Used Produced in this Establishment? | | D. Quantity Produced (Indicate Unit of Measure) | E. Gross Value of Product (Omit Cents) | Yes | No | 1. | | | | | \$ | 2. | | | | | | 3. | | | | | | 4. | | | | | | 5. | | | | | | 6. All Other Products | | | | | | 7. Receipts for work done by you on material owned by others, etc. (Contract job work) | | | | | | 8. Receipts for custom work, repairing, and/or installation of your own product. (Sales of Scrap and waste recovery) | | | | | | 9. Re-sale of products purchased without further manufacture | | | | | | TOTAL OF LINES 1 - 9 | | | | | |
| A. Description of Principal Products Produced (List Items Separately) | B. Principal Materials Used for Each Product Listed | | | C. Was Material Used Produced in this Establishment? | | | | D. Quantity Produced (Indicate Unit of Measure) | E. Gross Value of Product (Omit Cents) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Yes | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | | | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. All Other Products | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Receipts for work done by you on material owned by others, etc. (Contract job work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Receipts for custom work, repairing, and/or installation of your own product. (Sales of Scrap and waste recovery) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Re-sale of products purchased without further manufacture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF LINES 1 - 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"><tr><th style="width: 50%;">III. CAPITAL EXPENDITURES (Exclude land costs)</th><th style="width: 10%;">Amount Actually Spent in 1987</th><th colspan="2" style="width: 40%;">Amount of Planned Expenditures for</th></tr><tr><td>A. New Structures and/or Additions or Alterations to Existing Structures</td><td> </td><td style="width: 10%;">1988</td><td style="width: 10%;">1989</td></tr><tr><td>B. Purchase of Existing Structures</td><td> </td><td> </td><td> </td></tr><tr><td>C. Purchase of New or Used Machinery and Equipment</td><td> </td><td> </td><td> </td></tr></table> | | III. CAPITAL EXPENDITURES (Exclude land costs) | Amount Actually Spent in 1987 | Amount of Planned Expenditures for | | A. New Structures and/or Additions or Alterations to Existing Structures | | 1988 | 1989 | B. Purchase of Existing Structures | | | | C. Purchase of New or Used Machinery and Equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| III. CAPITAL EXPENDITURES (Exclude land costs) | Amount Actually Spent in 1987 | Amount of Planned Expenditures for | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. New Structures and/or Additions or Alterations to Existing Structures | | 1988 | 1989 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B. Purchase of Existing Structures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. Purchase of New or Used Machinery and Equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>IV. EXPORTS — IMPORTS (Foreign Trade)</p> <table style="width: 100%;"><tr><td style="width: 50%;">A. Estimated value of exports \$ </td><td style="width: 50%;">B. Estimated value of imports \$ </td></tr></table> | | A. Estimated value of exports \$ | B. Estimated value of imports \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. Estimated value of exports \$ | B. Estimated value of imports \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>V. UNION STATUS Is this establishment organized under a union contract and/or collective bargaining agreement? <input type="checkbox"/> No <input type="checkbox"/> Yes</p> <p>If Yes, please fill in the following information:</p> <p>Name of Union _____</p> <p>Number of workers covered by union contract _____</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>IF YOU HAD NO TEMPORARY CONTRACT EMPLOYEES, PLEASE CHECK THIS BLOCK AND ITEM VI ON THE REVERSE SIDE OF THIS REPORT MAY BE OMITTED.</p> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PLEASE NOTE: THESE DATA ARE STRICTLY CONFIDENTIAL AND WILL NOT BE DIVULGED IN ANY WAY WHICH WILL REVEAL INDIVIDUAL INFORMATION. DATA ARE USED IN SUMMARY TABULATIONS ONLY.</p> <p>According to law, the Director of the Bureau of Labor may furnish a written or printed list of interrogatories and require full and complete answers thereto under oath. Pursuant thereto, I, the undersigned, have examined this report and to the best of my knowledge and belief it is a true and correct and complete return.</p> <table style="width: 100%;"><tr><td style="width: 50%;">Name (print or type)</td><td style="width: 50%;"> </td></tr><tr><td>Signature</td><td> </td></tr><tr><td>(Date)</td><td> </td></tr><tr><td>Official Title</td><td> </td></tr><tr><td>Telephone Number of Firm</td><td> </td></tr></table> | | Name (print or type) | | Signature | | (Date) | | Official Title | | Telephone Number of Firm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name (print or type) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Date) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Official Title | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Telephone Number of Firm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BL560 (REV 9/88)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

APPENDIX A (Continued)

VI. TEMPORARY CONTRACT WORKERS

A. Contract Cost

Total cost of temporary contract labor
purchased during the year, \$ _____

The object of this question is to determine the number of temporary workers contracted through employment agencies used in manufacturing in a manner that is as close as possible to that used to report regular employees. The monthly number of workers should be for the week including the 12th of the month.

B. Number of Temporary Contract Workers

| Calendar 1987 | NUMBER OF WORKERS (By Sex) | | |
|---------------|-------------------------------|--------|-------|
| | MALE | FEMALE | TOTAL |
| January | | | |
| February | | | |
| March | | | |
| April | | | |
| May | | | |
| June | | | |
| July | | | |
| August | | | |
| September | | | |
| October | | | |
| November | | | |
| December | | | |

FOR OFFICE USE ONLY

| | | | |
|------------------|--|--|--|
| 12 month total | | | |
| 12 month average | | | |

INSTRUCTIONS and EXPLANATION NOTES

GENERAL: If this establishment has been sold to others, or has gone out of business, return this form with the name and address of the successor, if any, and the date of such sale or discontinuance. This schedule must be filed to reflect manufacturing operations during the year even though address discontinued business during or after that year. PARTIAL REPORTS ARE THEREFORE REQUIRED. New firms organized or beginning operations during the year must also file.

The purpose of this report is to determine the condition of industry in the state for the calendar year under consideration and it is clear that the inclusion in our tabulation of reports for establishments filed under a fiscal year basis, which do not reflect calendar year data can only operate to defeat this purpose. It is necessary therefore that this report be prepared to reflect calendar year operations, subject to this consideration; If in the considered judgment of the responsible authority in the reporting manufacturer's organization, the financial data called for in the schedule do not materially differ, whether on a calendar or fiscal basis, fiscal year figures will be accepted as representative of the calendar year operations. HOWEVER, THE NUMBER OF CONTRACT WORKERS AND COSTS SHOULD BE REPORTED ON A CALENDAR YEAR BASIS IN EVERY CASE.

ITEM I: List cities or towns in which the establishments are located. Also indicate the number of establishments or separate production units located at that city or town which are covered or included within this report. If any change has taken place in the name, address or location please make the necessary changes on the address label.

ITEM II: Describe and list separately your products as fully as possible in column (A). In column (B) indicate the basic materials used to make each item, and in column (C) check whether the basic materials were produced in the same establishment. Indicate in column (D) the quantity produced and also the unit of measure (example: cubic feet, cords, thousand board feet, quarts, gallons, pounds). In column (E) state manufacturer's selling value at this establishment of all goods produced during the year whether sold or not. DO NOT consider your annual sales as representing your product value unless they are identical. Sub-item 7 is found principally in the textile finishing, apparel, logging, and lumbering industries where certain operations are performed on materials owned by others — total receipts for such work should be reported.

ITEM IV: A. Enter the estimated sales value of goods manufactured at this establishment that were shipped to foreign countries, either directly or via out-of-state agents.

B. Enter the estimated cost of materials imported from foreign countries for use in the manufacturing at this establishment.

(ITEMS NOT SPECIFICALLY COVERED IN THE INSTRUCTIONS ARE CONSIDERED TO BE SELF-EXPLANATORY. IF, HOWEVER, THERE ARE ANY QUESTIONS DO NOT HESITATE TO ASK FOR ASSISTANCE)

PLEASE READ INSTRUCTIONS — If you have further questions, please contact this office.
BUREAU OF LABOR STANDARDS
DIVISION OF RESEARCH AND STATISTICS
STATE HOUSE STATION 45
AUGUSTA, MAINE 04333
TELEPHONE No. 207-289-6446

APPENDIX B

Major Industry Descriptions, 1972 SIC

THE DIVISION AS A WHOLE

The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials, such as lubricating oils, plastics, resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be "finished" in the sense that it may be "semi-finished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

APPENDIX B (Continued)

20 FOOD AND KINDRED PRODUCTS: This major group includes establishments manufacturing or processing food and beverages for human consumption and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

22 TEXTILE MILL PRODUCTS: This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treated fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry:

(1) the "integrated" mill which purchases materials, produces textiles, and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other manufacturing industries; establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are also classified in this Group.

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS: This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials, such as leather, rubberized fabrics, plastics, and furs.

Included in the apparel industries are three types of establishments: (1) the "regular"

or insider factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacturing apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in Retail Trade; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in Wholesale Trade.

24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE: This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; musical instruments, toys, and playground equipment, and caskets in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

25 FURNITURE AND FIXTURES: This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork and wood kitchen cabinets are classified in Major Group 24; cut stone and concrete furniture in Major Group 32; laboratory and hospital furniture in Major Group 38; beauty and barber shop furniture in Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

APPENDIX B (Continued)

26 PAPER AND ALLIED PRODUCTS: This major group includes the manufacture of pulps from wood and other cellulose fibers and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products, such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Major Group 32; carbon paper in Major Group 39; and photosensitized and blueprint paper in Major Group 38.

27 PRINTING, PUBLISHING, AND ALLIED PRODUCTS: This major group includes establishments engaged in printing by one or more of the common processes, such as letter press, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, and textile printing and finishing in Major Group 22.

28 CHEMICALS AND ALLIED PRODUCTS: This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) basic chemicals, such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture, such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferrous alloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and artists' colors in Major Group

39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

29 PETROLEUM REFINING AND RELATED INDUSTRIES: This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and by-products in Major Group 33.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS: This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta-percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in Services. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from the rubberized fabrics in Major Group 23; and synthetic rubber in Major Group 28.

31 LEATHER AND LEATHER PRODUCTS: This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

32 STONE, CLAY, GLASS AND CONCRETE PRODUCTS: This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos

APPENDIX B (Continued)

products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining quarrying activities other than those of Minerals, ground or treated, are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of Minerals, ground or treated, these establishments are classified in Mining.

33 PRIMARY METAL INDUSTRIES: This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in Major Group 34.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT: This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, and nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups, such as machinery in Major Groups 35 and 36; transportation equipment, including tanks, in Major Group 37; professional scientific and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

35 MACHINERY, EXCEPT ELECTRICAL: This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motor ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34.

36 ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT AND SUPPLIES: This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities are classified in Major Group 38.

37 TRANSPORTATION EQUIPMENT: This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in Major Group 24.

38 MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS, PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS: This major group includes establishments engaged in Manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and

APPENDIX B (Continued)

drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES:

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials, buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

APPENDIX C

Geographic Definitions of Economic Areas

This publication has contained a tabulation entitled "Economic Areas" since 1954. This series now consists of thirty areas which were delineated on the basis of population and manufacturing employment cross-sectional evaluation. Care should be exercised in making comparison of these thirty areas with the earlier areas as there have been changes made in almost all of the regions as well as three new areas added.

The civil division with the largest population is in capital letters, and the civil division with the most workers employed in manufacturing is underlined. The minor civil division contained in the areas are as follows:

| <u>Area</u> <u>No.</u> | <u>1987</u> <u>Population</u> | <u>Town</u> |
|---------------------------|----------------------------------|---|
| 1 | 16,981 | Cyr, Eagle Lake, Ft. Kent, Frenchville, Grand Isle, Hamlin, <u>MADAWASKA</u> , New Canada, St. Agatha, St. John, T17R03, T17R04, T17R05, Van Buren, Wallagrass |
| 2 | 48,633 | Ashland, Blaine, Caribou, Castle Hill, Caswell, Chapman, Connor, E Plt., <u>Easton</u> , Ft. Fairfield, Limestone, Mapleton, Mars Hill, Masardis, New Sweden, Perham, PRESQUE ISLE, Stockholm, Wade, Washburn, Westfield, Westmanland, Woodland |
| 3 | 13,742 | Amity, Bridgewater, Cary, Cox Patent, Dyer Brook, Hammond, Hodgdon, <u>HOULTON</u> , Island Falls, Linneus, Littleton, Ludlow, Merrill, Monticello, New Limerick, Oakfield, Smyrna, TAR02, T04R03 |
| 4 | 11,211 | East Millinocket, Medway, <u>MILLINOCKET</u> , TAR07 |
| 5 | 8,625 | Alexander, <u>Baileyville</u> , Baring, CALAIS, Charlotte, Meddybemps, Princeton, Robbinston |
| 6 | 5,732 | Dennysville, <u>Eastport</u> , Edmunds, LUBEC, Pembroke, Perry, Trescott |
| 7 | 6,809 | Cutler, E. Machias, <u>MACHIAS</u> , Machiasport, Marshfield, Roque Bluffs, Whiting, Whitneyville |
| 8 | 8,814 | Addison, Beals, <u>Cherryfield</u> , Columbia, Columbia Falls, Harrington, Jonesboro, JONESPORT, Milbridge, Steuben |
| 9 | 18,096 | BAR HARBOR, Cranberry Isles, Franklin, Gouldsboro, Hancock, Lamoine, Mt. Desert, Sorrento, <u>Southwest Harbor</u> , Sullivan, Tremont, Trenton, T07SD, T08SD, Winter Harbor |
| 10 | 8,969 | BLUE HILL, <u>Brooklin</u> , Brooksville, Castine, Deer Isle, Isle Au Haut, Long Isle, Sedgwick, Stonington, Swans Island |
| 11 | 15,061 | <u>Bucksport</u> , ELLSWORTH, Orland, Penobscot, Surry, Verona |

APPENDIX C (Continued)

| | | |
|----|---------|---|
| 12 | 98,403 | Alton, Argyle, BANGOR, Bradford, Bradley, Brewer, Carmel, Charleston, Clifton, Corinth, Dedham, Eddington, Edinburg, Glenburn, Greenbush, Greenfield, Hampden, Hermon, Holden, Hudson, Kenduskeag, Lagrange, Levant, Milford, Newburg, <u>Old Town</u> , Orono, Orrington, Veazie |
| 13 | 10,837 | Burlington, Enfield, Grand Falls, Howland, Lee, <u>LINCOLN</u> , Lowell, Passadumkeag, Springfield, Summit, T03R01, Winn |
| 14 | 16,984 | Abbot, Barnard, Blanchard, Bowerbank, Brownville, DOVER-FOXCROFT, Eliotsville, Greenville, <u>Guilford</u> , Milo, Monson, Parkman, Sangerville, Sebec, Shirley, Williamsburg, Willimantic |
| 15 | 21,325 | Burnham, Cambridge, Corinna, Detroit, <u>DEXTER</u> , Dixmont, Etna, Exeter, Garland, Newport, Palmyra, Plymouth, Ripley, St. Albans, Stetson, Troy |
| 16 | 22,632 | <u>BELFAST</u> , Belmont, Brooks, Frankfort, Isleboro, Jackson, Knox, Liberty, Lincolnville, Monroe, Montville, Morrill, Northport, Prospect, Stockton Springs, Swanville, Thorndike, Waldo, Winterport |
| 17 | 35,091 | Appleton, Camden, Cushing, Friendship, Hope, Matinicus Isle, North Haven, Owls Head, <u>ROCKLAND</u> , Rockport, St. George, S. Thomaston, Thomaston, Union, Vinalhaven, Warren, Washington |
| 18 | 23,612 | Alna, Boothbay, Boothbay Harbor, Bremen, Bristol, Damariscotta, Edgecomb, Monhegan, Newcastle, Nobleboro, S. Bristol, Southport, <u>WALDOBORO</u> , Westport, Wiscasset |
| 19 | 69,092 | <u>AUGUSTA</u> , Chelsea, Farmingdale, Fayette, Gardiner, Hallowell, Hibberts Gore, Jefferson, Litchfield, Manchester, Monmouth, Pittston, Randolph, Readfield, Richmond, Somerville, Wayne, W. Gardiner, Whitefield, Windsor, Winthrop |
| 20 | 61,615 | Albion, Belgrade, Benton, China, Clinton, <u>Fairfield</u> , Freedom, Mt. Vernon, Oakland, Palermo, Rome, Smithfield, Sidney, Unity, Unity Twp., Vassalboro, Vienna, WATERVILLE, Winslow |
| 21 | 31,089 | Anson, Athens, Bingham, Canaan, Cornville, Embden, Harmony, Hartland, Madison, Mercer, Norridgewock, Pittsfield, <u>SKOWHEGAN</u> , Solon, Starks |
| 22 | 29,818 | Avon, Carthage, Chesterville, FARMINGTON, Freeman, Industry, <u>Jay</u> , Kingfield, Livermore Falls, New Portland, New Sharon, New Vineyard, Perkins, Phillips, Salem, Strong, Temple, Washington Twp., Weld, Wilton |
| 23 | 102,116 | Auburn, Bowdoin, Durham, Greene, Leeds, <u>LEWISTON</u> , Lisbon, Mechanic Falls, Minot, New Gloucester, Poland, Sabattus, Turner, Wales |
| 24 | 57,815 | Arrowsic, <u>Bath</u> , Bowdoinham, BRUNSWICK, Dresden, Freeport, Georgetown, Harpswell, Perkins, Phippsburg, Topsham, W. Bath, Woolwich |

APPENDIX C (Continued)

| | | |
|----|---------|--|
| 25 | 184,218 | Cape Elizabeth, Cumberland, Falmouth, Gorham, Gray, N. Yarmouth, PORTLAND, Raymond, Scarborough, S. Portland, Standish, <u>Westbrook</u> , Windham, Yarmouth |
| 26 | 21,234 | Andover, Andover North Surplus, Andover West Surplus, Batchelders Grant, Bethel, Byron, Canton, Dixfield, Gilead, Hanover, Hartford, Mexico, Milton, Newry, Peru, Roxbury, <u>RUMFORD</u> , Sumner |
| 27 | 23,108 | Albany, Buckfield, Greenwood, Hebron, Lovell, NORWAY, Otisfield, <u>Oxford</u> , Paris, Stoneham, Stow, Sweden, Waterford, W. Paris, Woodstock |
| 28 | 23,759 | Baldwin, <u>BRIDGTON</u> , Brownfield, Casco, Cornish, Denmark, Fryeburg, Harrison, Hiram, Naples, Parsonsfield, Porter, Sebago |
| 29 | 105,447 | Acton, Alfred, Arundel, Biddeford, Buxton, Dayton, Hollis, Kennebunk, Kennebunkport, Limerick, Limington, Lyman, Newfield, Old Orchard Beach, Saco, <u>SANFORD</u> , Shapleigh, Waterboro |
| 30 | 51,812 | Berwick, Eliot, Kittery, Lebanon, <u>N. Berwick</u> , Ogunquit, S. Berwick, Wells, YORK |

NOTE: Since the 1987 population census data is unavailable for some unorganized townships, the area population in some instances may be slightly understated. Population data is from Population Estimates for Minor Civil Divisions by County, Maine 1987; Maine Department of Human Services, Office of Data, Research, and Vital Statistics.

APPENDIX D

Census of Maine Manufactures by Major Industry Group, 1982-1986

| <u>Industry</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|------------------------|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| TOTAL | 1982 | 2,290 | \$ 7,926,070 | \$ 1,769,482 | \$ 16,334 | 108,330 |
| | 1983 | 2,444 | 8,347,448 | 1,877,768 | 17,162 | 109,408 |
| | 1984 | 2,495 | 9,419,809 | 2,017,402 | 18,294 | 110,273 |
| | 1985 | 2,496 | 8,957,820 | 2,021,738 | 19,105 | 105,819 |
| | 1986 | 2,557 | 9,446,929 | 2,111,531 | 20,384 | 103,586 |
| | | | | | | |
| DURABLE GOODS - TOTAL | 1982 | 1,470 | 2,427,052 | 679,718 | 17,095 | 39,761 |
| | 1983 | 1,577 | 2,721,349 | 726,498 | 17,719 | 40,999 |
| | 1984 | 1,634 | 3,318,257 | 821,662 | 18,910 | 43,449 |
| | 1985 | 1,606 | 3,136,511 | 835,852 | 19,538 | 42,780 |
| | 1986 | 1,657 | 3,431,601 | 900,083 | 20,486 | 43,936 |
| | | | | | | |
| Lumber & Wood Products | 1982 | 922 | 642,611 | 170,472 | 13,957 | 12,214 |
| | 1983 | 979 | 774,871 | 193,503 | 14,580 | 13,271 |
| | 1984 | 1,036 | 897,218 | 219,588 | 15,451 | 14,211 |
| | 1985 | 1,003 | 880,053 | 216,383 | 16,006 | 13,518 |
| | 1986 | 1,045 | 950,225 | 219,403 | 16,273 | 13,482 |
| | | | | | | |
| Furniture & Fixtures | 1982 | 35 | 38,337 | 12,848 | 15,114 | 850 |
| | 1983 | 36 | 38,748 | 13,637 | 15,169 | 899 |
| | 1984 | 47 | 44,571 | 15,089 | 15,916 | 948 |
| | 1985 | 46 | 55,209 | 17,067 | 16,085 | 1,061 |
| | 1986 | 49 | 53,892 | 19,115 | 17,113 | 1,117 |
| | | | | | | |
| Stone, Clay, & Glass | 1982 | 81 | 63,460 | 17,020 | 17,456 | 975 |
| | 1983 | 89 | 71,494 | 17,881 | 16,679 | 1,072 |
| | 1984 | 85 | 92,216 | 21,377 | 17,507 | 1,221 |
| | 1985 | 86 | 111,951 | 24,889 | 19,278 | 1,291 |
| | 1986 | 91 | 143,652 | 31,414 | 20,266 | 1,550 |
| | | | | | | |
| Primary Metals | 1982 | 12 | 17,866 | 5,487 | 17,254 | 318 |
| | 1983 | 14 | 21,717 | 7,026 | 18,636 | 377 |
| | 1984 | 13 | 26,672 | 10,264 | 18,628 | 551 |
| | 1985 | 12 | 38,681 | 14,533 | 19,351 | 751 |
| | 1986 | 11 | 40,431 | 15,044 | 21,645 | 695 |
| | | | | | | |
| Fabricated Metals | 1982 | 117 | 218,724 | 67,155 | 17,980 | 3,735 |
| | 1983 | 127 | 185,302 | 56,778 | 18,001 | 3,154 |
| | 1984 | 115 | 197,698 | 64,153 | 19,745 | 3,249 |
| | 1985 | 118 | 192,811 | 63,438 | 19,974 | 3,176 |
| | 1986 | 112 | 188,889 | 60,209 | 20,402 | 2,951 |
| | | | | | | |

APPENDIX D (Continued)

| <u>Industry</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|---|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| Nonelectrical Machinery | 1982 | 130 | \$ 252,908 | \$ 68,597 | \$ 18,229 | 3,763 |
| | 1983 | 149 | 241,018 | 69,900 | 19,036 | 3,672 |
| | 1984 | 144 | 363,078 | 83,248 | 20,504 | 4,060 |
| | 1985 | 155 | 324,151 | 93,018 | 21,044 | 4,420 |
| | 1986 | 159 | 337,166 | 92,149 | 22,928 | 4,019 |
| Electric & Electronic Equipment | 1982 | 48 | 465,381 | 118,702 | 15,933 | 7,450 |
| | 1983 | 52 | 648,226 | 136,138 | 16,932 | 8,040 |
| | 1984 | 55 | 907,030 | 167,575 | 18,629 | 8,995 |
| | 1985 | 54 | 755,599 | 180,281 | 19,008 | 9,484 |
| | 1986 | 55 | 768,903 | 193,133 | 20,084 | 9,616 |
| Transportation Equipment | 1982 | 106 | 697,593 | 209,991 | 21,599 | 9,722 |
| | 1983 | 112 | 709,993 | 223,405 | 22,570 | 9,898 |
| | 1984 | 121 | 754,401 | 231,867 | 24,203 | 9,580 |
| | 1985 | 112 | 748,612 | 218,480 | 25,586 | 8,539 |
| | 1986 | 113 | 914,881 | 261,265 | 26,297 | 9,935 |
| Precision Instruments & Related Products | 1982 | 19 | 30,171 | 9,445 | 12,868 | 734 |
| | 1983 | 19 | 29,980 | 8,230 | 13,360 | 616 |
| | 1984 | 18 | 35,373 | 8,498 | 13,404 | 634 |
| | 1985 | 20 | 29,444 | 7,764 | 14,377 | 540 |
| | 1986 | 22 | 33,561 | 8,351 | 14,624 | 571 |
| NONDURABLE GOODS-TOTAL | 1982 | 820 | 5,499,019 | 1,089,764 | 15,892 | 68,569 |
| | 1983 | 867 | 5,626,099 | 1,151,271 | 16,829 | 68,409 |
| | 1984 | 861 | 6,101,553 | 1,195,741 | 17,893 | 66,824 |
| | 1985 | 890 | 5,821,309 | 1,185,887 | 18,811 | 63,039 |
| | 1986 | 900 | 6,015,328 | 1,211,448 | 20,309 | 59,650 |
| Food & Kindred Products | 1982 | 208 | 719,224 | 116,329 | 13,196 | 8,815 |
| | 1983 | 204 | 640,586 | 115,726 | 13,983 | 8,276 |
| | 1984 | 198 | 695,905 | 112,990 | 14,327 | 7,886 |
| | 1985 | 200 | 749,004 | 117,633 | 14,401 | 8,168 |
| | 1986 | 194 | 761,596 | 121,121 | 15,055 | 8,045 |
| Textile Mill Products | 1982 | 60 | 321,683 | 84,348 | 12,553 | 6,719 |
| | 1983 | 70 | 359,936 | 95,257 | 14,024 | 6,792 |
| | 1984 | 67 | 440,886 | 108,534 | 15,011 | 7,230 |
| | 1985 | 70 | 378,024 | 106,126 | 15,766 | 6,731 |
| | 1986 | 68 | 440,310 | 111,313 | 16,786 | 6,631 |
| Apparel | 1982 | 55 | 204,344 | 51,142 | 10,934 | 4,677 |
| | 1983 | 58 | 221,371 | 55,206 | 11,446 | 4,823 |
| | 1984 | 60 | 255,007 | 56,066 | 11,704 | 4,790 |
| | 1985 | 57 | 192,085 | 50,894 | 11,849 | 4,295 |
| | 1986 | 63 | 181,324 | 51,953 | 12,034 | 4,317 |

APPENDIX D (Continued)

| <u>Industry</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|-----------------------------|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| Paper & Allied Products | 1982 | 47 | \$ 2,714,219 | \$ 455,176 | \$ 25,348 | 17,957 |
| | 1983 | 47 | 2,737,609 | 480,363 | 26,729 | 17,971 |
| | 1984 | 44 | 3,136,599 | 522,106 | 28,489 | 18,326 |
| | 1985 | 42 | 2,982,634 | 538,289 | 29,680 | 18,136 |
| | 1986 | 44 | 3,086,695 | 571,628 | 32,679 | 17,492 |
| Printing & Publishing | 1982 | 219 | 162,243 | 56,350 | 14,613 | 3,856 |
| | 1983 | 247 | 181,951 | 63,196 | 14,876 | 4,248 |
| | 1984 | 251 | 206,111 | 71,567 | 15,622 | 4,581 |
| | 1985 | 274 | 230,587 | 80,039 | 16,198 | 4,941 |
| | 1986 | 290 | 264,459 | 88,930 | 17,732 | 5,015 |
| Chemicals & Allied Products | 1982 | 33 | 110,009 | 16,913 | 18,504 | 914 |
| | 1983 | 35 | 105,563 | 18,652 | 19,926 | 936 |
| | 1984 | 36 | 112,106 | 19,922 | 21,306 | 935 |
| | 1985 | 35 | 112,575 | 19,659 | 21,579 | 911 |
| | 1986 | 34 | 118,166 | 19,914 | 22,450 | 887 |
| Petroleum & Coal Products | 1982 | 9 | 20,640 | 3,299 | 20,488 | 161 |
| | 1983 | 12 | 29,810 | 4,451 | 20,510 | 217 |
| | 1984 | 11 | 33,106 | 5,108 | 21,374 | 239 |
| | 1985 | 10 | 36,064 | 4,995 | 21,909 | 228 |
| | 1986 | 10 | 34,885 | 5,069 | 23,357 | 217 |
| Rubber & Plastics | 1982 | 44 | 275,403 | 59,199 | 13,767 | 4,300 |
| | 1983 | 43 | 324,362 | 58,439 | 14,995 | 3,897 |
| | 1984 | 44 | 351,445 | 63,389 | 15,667 | 4,046 |
| | 1985 | 51 | 328,589 | 66,591 | 16,811 | 3,961 |
| | 1986 | 44 | 317,174 | 64,363 | 17,913 | 3,593 |
| Leather & Leather Products | 1982 | 99 | 952,602 | 239,224 | 11,683 | 20,475 |
| | 1983 | 98 | 1,001,596 | 251,137 | 12,267 | 20,472 |
| | 1984 | 95 | 840,549 | 225,635 | 12,608 | 17,895 |
| | 1985 | 88 | 775,402 | 190,058 | 12,961 | 14,663 |
| | 1986 | 83 | 771,487 | 165,455 | 13,228 | 12,507 |
| Miscellaneous | 1982 | 46 | 18,652 | 7,783 | 11,198 | 695 |
| | 1983 | 52 | 23,315 | 8,839 | 11,375 | 777 |
| | 1984 | 55 | 29,839 | 10,423 | 11,632 | 896 |
| | 1985 | 63 | 36,345 | 11,604 | 11,546 | 1,005 |
| | 1986 | 70 | 39,233 | 11,702 | 12,369 | 946 |

APPENDIX E

Census of Maine Manufactures by County, 1982-1986

| <u>County</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|----------------------|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| <u>I-95 CORRIDOR</u> | 1982 | 1,143 | \$ 4,875,991 | \$ 1,197,270 | \$ 16,539 | 72,390 |
| | 1983 | 1,198 | 5,151,067 | 1,269,376 | 17,355 | 73,138 |
| | 1984 | 1,208 | 5,850,766 | 1,374,109 | 18,554 | 74,056 |
| | 1985 | 1,233 | 5,502,813 | 1,372,613 | 19,461 | 70,528 |
| | 1986 | 1,245 | 5,786,333 | 1,448,251 | 20,959 | 69,099 |
| Androscoggin | 1982 | 211 | 593,182 | 151,156 | 12,852 | 11,761 |
| | 1983 | 206 | 661,656 | 163,949 | 13,641 | 12,018 |
| | 1984 | 205 | 706,843 | 175,983 | 14,609 | 12,046 |
| | 1985 | 206 | 696,949 | 175,495 | 15,760 | 11,135 |
| | 1986 | 204 | 702,614 | 174,913 | 16,621 | 10,523 |
| Cumberland | 1982 | 344 | 1,217,978 | 291,184 | 17,314 | 16,817 |
| | 1983 | 373 | 1,279,993 | 302,286 | 18,044 | 16,752 |
| | 1984 | 371 | 1,617,520 | 335,233 | 19,103 | 17,548 |
| | 1985 | 392 | 1,451,000 | 358,310 | 20,041 | 17,878 |
| | 1986 | 402 | 1,492,654 | 385,111 | 21,744 | 17,711 |
| Kennebec | 1982 | 121 | 515,056 | 136,350 | 16,642 | 8,193 |
| | 1983 | 134 | 531,608 | 142,696 | 17,843 | 7,997 |
| | 1984 | 135 | 605,587 | 157,183 | 18,616 | 8,443 |
| | 1985 | 132 | 582,829 | 153,989 | 19,318 | 7,971 |
| | 1986 | 136 | 620,873 | 159,194 | 20,488 | 7,770 |
| Penobscot | 1982 | 207 | 1,092,690 | 236,482 | 17,333 | 13,643 |
| | 1983 | 218 | 1,151,247 | 254,277 | 18,301 | 13,894 |
| | 1984 | 227 | 1,291,040 | 280,083 | 19,657 | 14,248 |
| | 1985 | 239 | 1,239,622 | 278,649 | 20,491 | 13,598 |
| | 1986 | 236 | 1,208,311 | 281,979 | 22,112 | 12,752 |
| Sagadahoc | 1982 | 39 | 511,943 | 177,956 | 21,109 | 8,430 |
| | 1983 | 42 | 513,597 | 190,163 | 22,135 | 8,591 |
| | 1984 | 41 | 492,957 | 185,707 | 23,817 | 7,797 |
| | 1985 | 43 | 436,458 | 161,829 | 25,719 | 6,292 |
| | 1986 | 42 | 584,708 | 197,880 | 26,244 | 7,540 |
| York | 1982 | 221 | 945,142 | 204,144 | 15,070 | 13,546 |
| | 1983 | 225 | 1,012,966 | 216,006 | 15,555 | 13,886 |
| | 1984 | 229 | 1,136,819 | 239,920 | 17,169 | 13,974 |
| | 1985 | 221 | 1,095,955 | 244,339 | 17,895 | 13,654 |
| | 1986 | 225 | 1,177,174 | 249,173 | 19,462 | 12,083 |

APPENDIX E (Continued)

| <u>County</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|-----------------|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| <u>EASTERN</u> | 1982 | 197 | \$ 549,510 | \$ 87,299 | \$ 18,328 | 4,763 |
| | 1983 | 216 | 549,115 | 91,612 | 18,881 | 4,852 |
| | 1984 | 228 | 649,779 | 98,816 | 20,104 | 4,915 |
| | 1985 | 227 | 611,564 | 104,115 | 20,299 | 5,129 |
| | 1986 | 232 | 648,017 | 106,454 | 21,863 | 4,869 |
| Hancock | 1982 | 108 | 342,703 | 48,446 | 20,185 | 2,400 |
| | 1983 | 127 | 329,833 | 49,711 | 20,348 | 2,443 |
| | 1984 | 134 | 389,854 | 56,383 | 21,862 | 2,579 |
| | 1985 | 131 | 360,302 | 61,613 | 21,778 | 2,829 |
| | 1986 | 139 | 390,316 | 63,568 | 23,605 | 2,693 |
| Washington | 1982 | 89 | 206,807 | 38,852 | 16,441 | 2,363 |
| | 1983 | 89 | 219,282 | 41,901 | 17,393 | 2,409 |
| | 1984 | 94 | 259,925 | 42,433 | 18,164 | 2,336 |
| | 1985 | 96 | 251,262 | 42,503 | 18,479 | 2,300 |
| | 1986 | 93 | 257,700 | 42,885 | 19,708 | 2,176 |
| <u>MIDCOAST</u> | 1982 | 242 | 324,441 | 70,227 | 12,951 | 5,426 |
| | 1983 | 268 | 342,956 | 71,713 | 13,409 | 5,348 |
| | 1984 | 275 | 378,073 | 78,053 | 14,091 | 5,539 |
| | 1985 | 279 | 386,465 | 78,792 | 14,642 | 5,381 |
| | 1986 | 296 | 418,108 | 81,182 | 15,205 | 5,339 |
| Knox | 1982 | 101 | 164,768 | 37,894 | 13,794 | 2,747 |
| | 1983 | 117 | 176,647 | 37,621 | 14,331 | 2,625 |
| | 1984 | 119 | 195,517 | 41,472 | 14,982 | 2,768 |
| | 1985 | 125 | 212,712 | 40,912 | 15,225 | 2,687 |
| | 1986 | 125 | 236,805 | 43,473 | 15,774 | 2,756 |
| Lincoln | 1982 | 72 | 39,468 | 11,383 | 14,763 | 771 |
| | 1983 | 80 | 44,211 | 11,329 | 14,925 | 759 |
| | 1984 | 80 | 55,238 | 13,762 | 15,497 | 888 |
| | 1985 | 85 | 54,359 | 15,789 | 16,327 | 967 |
| | 1986 | 95 | 49,545 | 14,437 | 17,911 | 806 |
| Waldo | 1982 | 69 | 120,206 | 21,001 | 11,006 | 1,908 |
| | 1983 | 71 | 122,098 | 22,764 | 11,590 | 1,964 |
| | 1984 | 76 | 127,318 | 22,819 | 12,118 | 1,883 |
| | 1985 | 69 | 119,395 | 22,091 | 12,791 | 1,727 |
| | 1986 | 76 | 131,758 | 23,272 | 13,096 | 1,777 |

APPENDIX E (Continued)

| <u>County</u> | <u>Year</u> | <u>Number Reporting</u> | <u>Value of Product (Thousands)</u> | <u>Gross Wages (Thousands)</u> | <u>Average Wages</u> | <u>Total Employment</u> |
|-----------------|-------------|-----------------------------|---|------------------------------------|--------------------------|-----------------------------|
| <u>NORTHERN</u> | 1982 | 204 | \$ 572,405 | \$ 94,375 | \$ 15,832 | 5,961 |
| | 1983 | 222 | 614,728 | 102,949 | 16,596 | 6,203 |
| | 1984 | 229 | 712,632 | 113,418 | 17,934 | 6,324 |
| | 1985 | 223 | 708,419 | 118,569 | 17,973 | 6,597 |
| | 1986 | 231 | 726,618 | 123,956 | 18,393 | 6,739 |
| Aroostook | 1982 | 204 | 572,405 | 94,375 | 15,832 | 5,961 |
| | 1983 | 222 | 614,728 | 102,949 | 16,596 | 6,203 |
| | 1984 | 229 | 712,632 | 113,418 | 17,934 | 6,324 |
| | 1985 | 223 | 708,419 | 118,569 | 17,973 | 6,597 |
| | 1986 | 231 | 726,618 | 123,956 | 18,393 | 6,739 |
| <u>WESTERN</u> | 1982 | 503 | 1,603,323 | 320,027 | 16,181 | 19,777 |
| | 1983 | 530 | 1,688,904 | 341,288 | 17,208 | 19,832 |
| | 1984 | 551 | 1,827,059 | 352,504 | 18,156 | 19,415 |
| | 1985 | 532 | 1,746,565 | 347,032 | 19,111 | 18,158 |
| | 1986 | 551 | 1,865,493 | 350,985 | 20,060 | 17,496 |
| Franklin | 1982 | 94 | 534,613 | 99,381 | 17,069 | 5,822 |
| | 1983 | 107 | 513,747 | 102,340 | 19,353 | 5,288 |
| | 1984 | 102 | 507,726 | 100,136 | 20,779 | 4,819 |
| | 1985 | 100 | 483,174 | 94,991 | 21,877 | 4,342 |
| | 1986 | 108 | 533,863 | 92,113 | 21,963 | 4,194 |
| Oxford | 1982 | 180 | 457,933 | 104,134 | 16,741 | 6,220 |
| | 1983 | 188 | 482,394 | 108,570 | 17,607 | 6,166 |
| | 1984 | 197 | 515,026 | 111,859 | 18,599 | 6,014 |
| | 1985 | 193 | 491,419 | 110,298 | 20,025 | 5,508 |
| | 1986 | 196 | 490,180 | 106,990 | 21,161 | 5,056 |
| Piscataquis | 1982 | 98 | 161,168 | 35,226 | 12,945 | 2,721 |
| | 1983 | 94 | 159,135 | 36,833 | 13,662 | 2,696 |
| | 1984 | 98 | 183,368 | 37,741 | 14,339 | 2,632 |
| | 1985 | 89 | 132,252 | 38,021 | 14,657 | 2,594 |
| | 1986 | 89 | 159,515 | 39,714 | 15,968 | 2,487 |
| Somerset | 1982 | 131 | 449,610 | 81,285 | 16,211 | 5,014 |
| | 1983 | 141 | 533,627 | 93,545 | 16,463 | 5,682 |
| | 1984 | 154 | 620,939 | 102,768 | 17,271 | 5,950 |
| | 1985 | 150 | 639,720 | 103,721 | 18,152 | 5,714 |
| | 1986 | 158 | 681,935 | 112,168 | 19,476 | 5,759 |

APPENDIX F

Raw and Adjusted Data Comparisons, 1986-1987

The data on the following table has been adjusted using two major price indexes published by the U.S. Department of Labor, Bureau of Labor Statistics. The Value of Product data is adjusted by the Producer Price Index, (formerly the Wholesale Price Index) using a base year of 1982 = 100 unless noted. Wage data is adjusted by the Consumer Price Index for Urban Wage Earners and Clerical Workers and the base year is 1982/84 = 100. The adjustments made are based on the annual average the respective index.

The Consumer Price Index is a monthly statistical measure of the average change in prices in a fixed market basket of goods and services.

The CPI is based on prices of food, clothing, shelter, fuel, drugs, transportation fares, doctors' and dentists' fees, and other goods and services that people buy for day-to-day living. The quantity and quality of these items is kept essentially unchanged between major revisions so that only price changes will be measured. Prices are collected from over 18,000 tenants, 24,000 retail establishments, and 18,000 housing units for property taxes in 85 urban areas across the country. All taxes directly associated with the purchase and use of items are included in the index.

Though the CPI is often called the "Cost-of-Living Index", it measures only price change, which is just one of several important factors affecting living costs.

CPI-W

1986 Annual Average = 108.6

1987 Annual Average = 112.5

Producer Price Indexes measure average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The sample used for calculating these indexes contains about 2,800 commodities produced in the manufacturing, agriculture, forestry, fishing, mining, gas and electricity, and public utilities sectors. The universe includes all commodities produced or imported for sale in commercial transactions in primary markets in the United States.

To the extent possible, prices used in calculating Producer Price Indexes apply to the first significant commercial transaction in the United States, from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Most prices are obtained directly from producing companies on a voluntary and confidential basis. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

| | <u>PPI</u> | |
|---------------------------------|-----------------------|-------------|
| | <u>Annual Average</u> | |
| | <u>1986</u> | <u>1987</u> |
| Total Manufactures | 101.7 | 104.4 |
| Durable Goods | 107.5 | 109.6 |
| Lumber & Wood Products | 101.5 | 105.3 |
| Transportation Equipment | 104.4 | 105.9 |
| Electric & Electronic Equipment | 102.1 | 103.3 |
| Nondurable Goods | 96.0 | 99.2 |
| Food & Kindred Products | 100.3 | 102.8 |
| Pulp, Paper, & Allied Products | 99.5 | 104.8 |

MAINE MANUFACTURING WITH SELECTED MAJOR INDUSTRIES, RAW & ADJUSTED (1982=100) DATA, 1986-1987

| INDUSTRY | YEAR | VALUE OF PRODUCT | | GROSS WAGES | | AVERAGE GROSS WAGE | |
|---------------------------------|----------------|-------------------|-------------------------------|-------------------|-------------------------------|--------------------|-----------------|
| | | RAW (Millions) | PPI ADJUSTED (Millions) | RAW (Millions) | CPI ADJUSTED (Millions) | RAW | CPI ADJUSTED |
| TOTAL MANUFACTURING | 1987 | \$9,870.1 | \$9,454.1 | \$2,215.7 | \$1,969.5 | \$21,232 | \$18,873 |
| | 1986 | \$9,446.9 | \$9,289.0 | \$2,111.5 | \$1,944.3 | \$20,384 | \$18,770 |
| | Percent Change | 4.5 % | 1.8 % | 4.9 % | 1.3 % | 4.2 % | 0.5 % |
| <u>Durable Goods</u> | 1987 | \$3,749.1 | \$3,420.7 | \$985.3 | \$875.8 | \$21,223 | \$18,865 |
| | 1986 | \$3,431.6 | \$3,192.2 | \$900.1 | \$828.8 | \$20,486 | \$18,864 |
| | Percent Change | 9.3 % | 7.2 % | 9.5 % | 5.7 % | 3.2 % | 0.0 % |
| Lumber & Wood Products | 1987 | \$1,027.2 | \$975.5 | \$241.0 | \$214.2 | \$17,486 | \$15,543 |
| | 1986 | \$950.2 | \$936.2 | \$219.4 | \$202.0 | \$16,273 | \$14,984 |
| | Percent Change | 8.1 % | 4.2 % | 9.9 % | 6.0 % | 7.5 % | 3.7 % |
| Transportation Equipment | 1987 | \$1,005.3 | \$949.3 | \$283.2 | \$251.7 | \$25,792 | \$22,926 |
| | 1986 | \$914.9 | \$876.3 | \$261.3 | \$240.6 | \$26,297 | \$24,215 |
| | Percent Change | 9.9 % | 8.3 % | 8.4 % | 4.6 % | -1.9 % | -5.3 % |
| Electric & Electronic Equipment | 1987 | \$774.9 | \$750.1 | \$213.1 | \$189.4 | \$20,920 | \$18,596 |
| | 1986 | \$768.9 | \$753.1 | \$193.1 | \$177.8 | \$20,084 | \$18,494 |
| | Percent Change | 0.8 % | -0.4 | 10.3 % | 6.5 % | 4.2 % | 0.6 % |
| <u>Nondurable Goods</u> | 1987 | \$6,121.0 | \$6,170.4 | \$1,230.5 | \$1,093.8 | \$21,239 | \$18,879 |
| | 1986 | \$6,015.0 | \$6,265.6 | \$1,211.4 | \$1,115.5 | \$20,309 | \$18,701 |
| | Percent Change | 1.8 % | -1.5 % | 1.6 % | -1.9 % | 4.6 % | 1.0 % |
| Food | 1987 | \$881.5 | \$857.5 | \$126.0 | \$112.0 | \$16,010 | \$14,231 |
| | 1986 | \$761.6 | \$759.3 | \$121.1 | \$111.5 | \$15,055 | \$13,863 |
| | Percent Change | 15.7 % | 12.9 % | 4.0 % | 4.5 % | 6.3 % | 2.7 % |
| Paper | 1987 | \$3,093.1 | \$2,951.4 | \$573.1 | \$509.4 | \$33,845 | \$30,084 |
| | 1986 | \$3,086.7 | \$3,102.2 | \$571.6 | \$526.3 | \$32,679 | \$30,091 |
| | Percent Change | 0.2 % | -4.9 % | 0.3 % | 3.2 % | 3.6 % | 0.0 % |

APPENDIX G

Comments Form

Your comments about this material will help us to improve our publications. We are interested in any feedback concerning its usefulness. Requests for additional copies will be filled subject to availability. (See Appendix H.) 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 & Statistics Division
State House Station #45
Augusta, ME 04333

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

APPENDIX H

Order Form

The following items are available without charge from:

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

PUBLICATIONS (some years may be out of print)

- ___ Occupational Injuries and Illnesses in Maine (publication began with 1975)
- ___ Characteristics of Work-Related Injuries and Illnesses in Maine (began 1977)
- ___ Census of Maine Manufactures (began 1945)
- ___ Directory of Maine Labor Organizations (available for current year only)
- ___ Maine Construction Wage Rates (began 1983)
- ___ Labor Relations in Maine (began 1983)

OSHA RECORDKEEPING MATERIALS

- ___ Log & Summary of Occupational Injuries & Illnesses, OSHA No. 200
- ___ Poster: Safety and Health Protection on the Job
- ___ Recordkeeping Requirements Guidelines

CONSULTATION PROGRAM

- ___ Pamphlet: Maine's On-Site Safety & Health Consultation Program
- ___ Please contact me concerning an on-site safety & health consultation
- ___ My phone number is _____
- ___ Pamphlet: Occupational Safety and Training Program

MAILING LABEL: _____
