

MAINE STATE LEGISLATURE

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STATE OF MAINE

CENSUS OF MAINE MANUFACTURES 1957

DLI Bulletin No. 262

Department of Labor and Industry
Marion E. Martin, Commissioner

Division of Research and Statistics
T. T. Trott, Jr., Director

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

Maine Revised Statutes 1954, c30, s2, as amended: "The department shall collect, assort, and arrange statistical details relating to ... industrial pursuits in the state. The Commissioner ... 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 corporation. The laws of Maine require the filing of the annual "Product and Employment" report from which these data are obtained.

Usable reports covering 2186 establishments were received since the original mailing December 31, 1957. Of these, 270 are in the combined reporting category and 181 either did not operate, went out of business, or began their operations during 1957. The coverage of 2186 establishments represents a 3.7 increase over the final number of establishments reporting for 1956.

Taking into consideration the nature of the Maine economy and the extent of coverage in this survey, the data contained in this, The Census of Maine Manufactures, 1957, represent a comprehensive and reliable statistical picture of the Maine manufacturing economy.

T. T. Trott, Jr., Director

N U M B E R O F R E P O R T I N G U N I T S

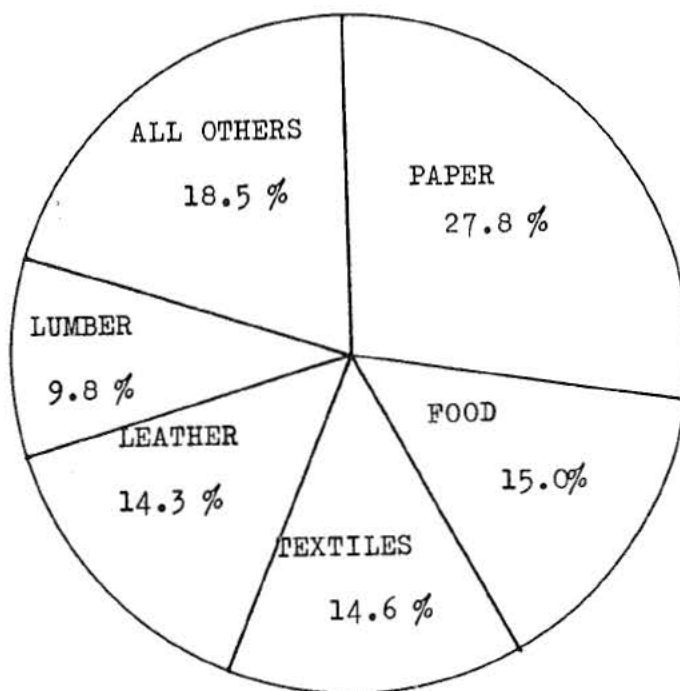
(Year)	(Number)
1957	2186
1956	2106
1955	1936
1954	1802
1953	1798
1952	1764
1951	1691

June 1, 1958



STATE OF MAINE
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS
AUGUSTA

PERCENT DISTRIBUTION OF
THE 1.37 BILLION DOLLAR
MANUFACTURED PRODUCT FOR
1957



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 - 1 9 5 7

DLI BULLETIN 262
JUNE 1958

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S U M M A R Y

VALUE OF PRODUCT DECLINES 1.2% FROM 1956 RECORD HIGH

The Value of Product in 1957 was 1.37 billion dollars, a decline of 1.2% from the 1956 record high of 1.39 billion. Contractions of 14 million dollars in the paper industry and 13 million dollars from the continuing down-trend in Textiles were the principal contributory factors with additional declines totaling 36 million dollars in 9 more of the twenty major industries represented in the state's economy. Two of the more important industry groups, Food and Leather, made gains in 1957 as did 7 other industry groups. The Food and Leather increments approximated 30 million dollars.

PAPER INDUSTRY PRODUCES 28% OF THE STATE MANUFACTURED PRODUCT

At 381.5 million dollars, the paper industry's product value in 1957 amounted to 27.8% of the total product value in Maine. Failure of the industry to meet the 395.6 million dollar record of 1956 reflected low water conditions and a temporary surplus of productive capacity for which the industry expended over 266 million dollars since 1945. The textile industry with 201 million dollars worth of product in 1957 dropped into third position, being supplanted for the first time by food with a 206 million dollar product value. Leather with 197 million and Lumber with 135 million were fourth and fifth, respectively.

CUMBERLAND REPORTS THE ONLY GAIN IN A MAJOR INDUSTRIAL COUNTY

Of the five major industrial counties in the state--Androscoggin, Cumberland, Kennebec, Penobscot and York, only Cumberland recorded a gain in product value in 1957. Reductions ranging from 6 to 19 million dollars were reported by the other four while the Cumberland increase was almost 2 million dollars.

RECORD BREAKING 100 MILLION DOLLARS PLUS RECORDED IN PORTLAND

A product value of 100.6 million dollars in Portland for 1957 established a new record for a single minor civil division, exceeding the total product value in 11 of the sixteen counties. Twelve more civil division reported

product values exceeding twenty-five million dollars, of which half exceeded 50 million dollars worth of product. In order of value (expressed in millions) they are:

Lewiston	\$78.6	Bath	\$52.0	Winslow	\$41.4
Millinocket	\$63.6	Augusta	\$51.3	Madawaska	\$39.6
Westbrook	\$60.1	Rumford	\$48.2	Jay	\$27.2
Biddeford	\$57.3	Auburn	\$46.4	Sanford	\$26.4

AVERAGE GROSS WAGES CLIMB BY \$ 136 TO \$ 3551 in 1957

The average gross earnings in Maine manufacturing establishments was \$ 3551 in 1957, 136 dollars higher than the \$ 3415 average for 1956. Total gross wages declined by only 1.4 million dollars from \$ 373.2 million in 1956 to \$ 371.8 million in 1957 while over the same period employment dropped from 109,340 to 104,717, a decline of over 4,600 workers. Of the total employment, 43,954 or 42% were reported organized under a union contract.

In the 185 minor civil divisions presented in this publication, average gross wages of over \$ 5000 were reported in three, and of \$ 4001 to \$ 5000 in 16. Only fifteen reported incomes of less than \$ 2000. Sagadahoc, York and Penobscot counties were the highest major civil divisions with \$ 4321, \$ 3965, and \$ 3906 in that order, while Knox and Waldo were low at \$ 2938 and \$ 2825. Industrially, Paper at \$ 4699 and Transportation Equipment at \$ 4674 paid top earnings while Apparel was low with \$ 2342.

1957 STRIKE LOSSES EXCEEDED BY ONLY ONE YEAR SINCE 1953

With a total of almost 46 thousand man days idle in 1957, the state experienced its second highest strike losses in the 1953-57, five year period. The worst year was 1955 when the industry-wide textile strike amassed a total of 276 thousand idle mandays. Only 16 stoppages were reported for 1957 equalling the 1956 number, however more than 3700 workers were involved in the 1957 strikes while only 1500 were so involved in 1956. Despite their apparent magnitude only .08% of total estimated working time was lost in 1957 compared with a national average of .14% of total working time. Seventeen states in the nation had a percentage of time loss lower than Maine's .08%, however, most of them have predominantly agricultural economies.

Manufacturing accounted for seven or 43.8% of the strikes in Maine, 75.1% of the workers involved and 86.7% of the idle mandays. Construction was

second with 8, or 50% of the stoppages, 24.6% of the workers and 8.2% of the time lost.

	PERIOD	NUMBER OF STOPPAGES	NUMBER OF WORKERS	NUMBER OF IDLE MANDAYS
All Maine Industry	1957	16	3,740	45,800
	1956	16	1,490	11,900
	1955	18	11,390	276,060
	1954	22	2,400	40,800
	1953	16	5,000	28,600
Manufacturing	1957	7	2,810	39,700
	1956	6	1,020	7,190
	1955	4	9,780	259,210
	1954	11	1,670	33,760
	1953	6	3,000	9,000
Maine Stoppages	1957	--	.3%	.3%
as a Percent of	1956	--	.1%	<u>/A</u>
National	1955	--	.4%	1.0%
	1954	--	.2%	.2%

/A Less than .05%

NOTE: All work stoppages known to the Bureau of Labor Statistics and the Department of Labor and Industry involving six or more workers and lasting a full day or shift or longer are included. Figures on workers involved and mandays idle cover all workers made idle for as long as one shift in an establishment directly involved in the stoppage. They do not measure the indirect or secondary effects on other establishments or industries whose employees are made idle as a result of material or service shortages.

NEW AND EXPANDED PLANT EXPENDITURES UP FIVE MILLION OVER 1956

Investment in new and expanded plant capacity for 1957 exceeded by \$5 million the 1956 figure of 60 million dollars. The paper industry completed with 46 million dollars expended in 1957, the postwar expansion program which has totaled some 266 million dollars since 1945. Transportation Equipment, Food, Lumber, Textiles, Chemicals and Leather spent amounts ranging from 1.8 to 3.5 million dollars during the year for the grand total 65 million dollars in 1957. Details of these expenditures by industry, county and plant size are found in Table 67.

SPECIAL STUDIES

Special studies were undertaken in conjunction with the 1957 Census on the following three subjects as they relate to Maine manufacturing.

1. Broad skill requirements
2. The quantity and quality requirements of processing water
3. Rail and highway transportation of manufactured products

Tabulations on these three studies may be found in Appendices J and K.

Continuing data on earlier studies are found in Tables D, E,--67, 68, and 69. Comparative material on these studies appear in the appendices.

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

1 9 5 7

T A B L E S

N O T E

To save space industry titles are abbreviated or denoted by the first significant title item (e.g., Food = Food and Kindred Products). Full titles are shown in Appendix A, Major Industry Group descriptions are in Appendix B.

In the tables showing the minor civil divisions of the state the following abbreviations are used:

C = city T = town Twp. = township P = plantation

Certain of the tables contained in this portion of the report present 1957 data for a series including earlier years. The data for those earlier years and a description of the study will be found in the appendix referred to.

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COUNTY

Major Industry	By Minor Industry	By County	By Major Industry	By Civil Division
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Food	1 5	18 8	35 11	51 15
Textiles	2 5	19 8	36 11	52 15
Apparel	3 5	20 8	37 12	53 15
Lumber and Wood	4 5	21 8	38 12	54 15
Furniture	5 5	22 9	39 12	55 16
Paper	6 6	23 9	40 12	56 16
Printing	7 6	24 9	41 13	57 16
Chemicals	8 6	25 9	42 13	58 17
Leather	9 6	26 9	43 13	59 17
Stone, Clay, & Glass	10 6	27 10	44 13	60 17
Primary Metals	11 6	28 10	45 13	61 18
Fabricated Metals	12 7	29 10	46 13	62 18
Machinery & Ordnance	13 7	30 10	47 14	63 18
Electrical Machinery	14 7	31 10	48 14	64 18
Transportation Equip.	15 7	32 10	49 14	65 18
Instruments	16 7	33 11	50 14	66 19
Misc. Manufacturing	17 7	34 11		

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ITEM	NUMBER REPORT- ING	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
ALL MANUFACTURING	2 188	\$ 1 374 084 400	\$ 371 821 719	\$ 3 551	104 717	73 358	31 359
<u>TABLE A: MAJOR INDUSTRIES</u>							
Food	318	208 189 589	28 378 805	2 995	9 478	5 588	3 898
Textile	78	201 190 831	49 379 846	3 156	15 848	9 377	6 271
Apparel	59	15 453 481	6 099 302	2 342	2 604	388	2 216
Lumber and Wood	940	135 255 081	42 313 278	3 036	13 937	11 812	2 125
Furniture	48	8 428 651	2 490 260	3 132	795	683	112
Paper	51	381 528 793	82 411 658	4 699	17 537	15 401	2 136
Printing	155	21 219 383	7 391 042	3 628	2 037	1 484	553
Chemicals	49	16 576 295	2 682 708	3 555	749	693	56
Petroleum & Coal Prod.	4	973 319	43 485	3 105	14	14	None
Rubber	6	1 549 678	397 001	2 985	133	109	24
Leather	127	197 154 644	59 394 711	2 829	20 996	9 263	11 733
Stone, Clay, Glass	54	11 980 187	3 179 405	3 794	838	805	33
Primary Metals	10	3 088 985	642 307	3 016	213	195	18
Fabricated Metals	68	40 622 488	9 059 365	4 073	2 224	1 928	296
Machinery and Ordnance	50	40 563 933	17 908 540	4 462	4 014	3 616	398
Electrical Machinery	6	12 545 644	2 925 171	3 186	918	353	565
Transportation Equipment ^{1/}	85	68 321 000	53 968 801	4 674	11 547	10 922	625
Instruments	18	1 864 486	545 178	3 495	156	123	33
Misc. Manufacturing	60	9 622 232	2 631 080	2 986	881	624	257
<u>TABLE B: COUNTIES:</u>							
Androscoggin	219	159 553 852	45 547 496	3 071	14 832	8 007	6 825
Aroostook	185	78 374 450	12 843 140	3 708	3 464	2 874	590
Cumberland	350	228 257 264	52 905 340	3 610	14 656	9 982	4 774
Franklin	79	45 756 704	12 313 488	3 378	3 645	2 532	1 113
Hancock	86	27 638 754	5 943 885	3 877	1 533	1 209	324
Kennebec	147	152 448 581	33 675 021	3 341	10 080	6 276	3 804
Knox	109	28 983 589	6 383 421	2 938	2 173	1 388	785
Lincoln	65	8 763 947	2 204 155	3 190	691	393	298
Oxford	154	96 095 051	26 279 728	3 559	7 385	5 852	1 533
Penobscot	200	189 108 505	42 727 102	3 906	10 940	8 651	2 289
Piscataquis	63	21 891 128	6 313 688	3 357	1 881	1 443	438
Sagadahoc	33	64 512 881	17 289 389	4 321	4 001	3 484	517
Somerset	165	78 077 873	20 367 358	3 230	6 305	4 349	1 956
Waldo	68	35 617 340	5 237 739	2 825	1 854	1 255	599
Washington	118	44 598 121	8 565 280	3 047	2 811	1 832	979
York ^{1/}	147	118 410 382	73 225 491	3 965	18 466	13 931	4 535
<u>TABLE C: PLANT SIZE</u>							
Establishments Employing:							
0 to 25	1 288	92 034 104	23 588 774	2 803	8 415	6 909	1 506
26 to 50	168	84 388 079	17 808 489	2 997	5 941	4 398	1 543
51 to 75	65	56 983 583	12 208 519	3 081	3 962	2 797	1 165
76 to 100	36	36 942 587	9 718 408	3 135	3 100	2 185	915
101 to 150	44	75 815 695	16 907 988	3 066	5 461	3 143	2 318
151 to 200	28	64 562 436	16 571 958	3 332	4 974	3 388	1 586
201 to 250	27	89 137 235	18 124 249	3 007	6 028	3 428	2 600
251 to 300	16	61 031 894	13 975 741	3 191	4 374	2 612	1 762
301 to 350	8	33 619 925	8 492 908	3 141	2 704	1 439	1 265
351 to 400	6	26 940 220	6 259 565	2 801	2 235	1 020	1 215

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

1 9 5 7

ITEM	NUMBER REPORT- ING	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
		\$	\$	\$			
TABLE C: (continued)							
401 to 500	22	118 048 838	30 832 812	3 323	9 297	5 492	3 805
501 to 700	11	104 247 151	25 778 814	3 965	6 502	4 012	2 490
701 to 1000	7	123 005 103	24 604 852	4 183	5 910	4 391	1 519
1001 to 1500	4	77 594 579	17 726 187	4 731	3 747	3 260	487
1501 and Over 1/	7	135 494 605	74 026 766	4 357	18 991	13 698	3 293
Combined Reporting	270	177 088 163	49 780 689	3 767	13 214	10 126	3 088
Non-Operative, New, or Out of Business in 1957	181	19 162 403	5 417 060	2 909	1 862	1 062	800
1/ Portsmouth Naval Shipyard included except Value of Product.							
TABLE D: ECONOMIC AREAS, 1957		(000's)	(000's)				
1. Fort Kent	32	43 617	5 264	4 461	1 180	1 062	118
2. Presque Isle	48	19 818	3 440	3 230	1 065	623	442
3. Houlton	26	3 344	655	3 075	213	191	22
4. Millinocket	9	63 639	13 833	5 686	2 433	2 421	12
5. Calais	10	15 077	3 584	4 241	845	680	165
6. Eastport	40	17 536	2 652	2 587	1 025	535	490
7. Machias	20	3 899	525	2 549	206	150	56
8. Jonesport	29	5 327	985	2 114	486	227	239
9. Bar Harbor	17	2 434	681	2 780	245	170	75
10. Stonington	23	2 076	681	2 814	242	188	54
11. Ellsworth	30	21 528	4 248	4 587	926	790	136
12. Bangor	110	70 875	18 380	3 369	5 455	3 734	1 721
13. Dover-Foxcroft	33	20 455	6 228	3 357	1 855	1 387	468
14. Belfast	46	33 783	4 752	2 834	1 677	1 124	553
15. Rockland	99	28 337	6 243	2 967	2 104	1 340	764
16. Skowhegan	76	51 024	12 670	3 124	4 056	2 376	1 680
17. Waterville	71	79 499	17 574	3 495	5 028	3 153	1 875
18. Augusta	71	74 759	16 488	3 172	5 198	3 225	1 973
19. Brunswick	90	84 569	22 791	3 882	5 871	4 483	1 388
20. Farmington	69	50 992	13 619	3 275	4 158	2 583	1 595
21. Rumford	49	57 341	16 766	4 118	4 071	3 429	642
22. Paris	61	27 119	7 256	2 780	2 610	1 757	853
23. Lewiston	220	152 186	43 297	3 085	14 034	7 726	6 308
24. Portland	252	196 610	45 196	3 767	11 999	8 399	3 600
25. Bridgton	64	9 676	2 273	2 534	897	637	260
26. Biddeford	104	106 129	34 495	3 374	10 223	6 348	3 875
27. Kittery 1/	30	8 820	37 869	4 794	7 800	7 378	522
Total	1729	1 250 469	342 445	3 568	95 982	66 096	29 886
% of All Manufacturing	79.0	91.0	92.1	XXXX	91.7	90.1	95.3
1/ Portsmouth Naval Shipyard included except Value of Product.							
TABLE E: RIVER ANALYSIS, 1957							
Androscoggin River	286	252 178	70 401	3 383	20 811	12 730	8 081
Kennebec River	201	188 028	46 238	3 332	13 878	8 378	5 500
Penobscot River	174	160 620	34 904	3 647	9 571	7 173	2 398
Total	661	600 826	151 543	3 424	44 260	28 281	15 979
% of All Manufacturing	30.2	43.7	40.8	XXXX	42.3	38.6	51.0

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

1 9 5 7

INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 1: FOOD	<u>206 169 569</u>	<u>28 378 605</u>	<u>2 985</u>	<u>9 476</u>	<u>5 568</u>	<u>3 908</u>
2011,2 Meat Packing, Slaughtering	1 600 548	202 681	3 071	66	59	7
2013 Sausages	5 255 602	952 938	3 465	275	218	57
2015 Poultry	52 983 790	3 885 119	2 693	1 443	749	694
202 Dairy Products	18 562 991	1 364 048	3 717	367	277	90
2031 Canned Sea Food	18 492 215	3 794 524	2 341	1 621	609	1 012
2032 Cured Fish	217 212	69 545	1 312	53	23	30
2033 Canned Fruits, Veg., etc.	22 675 600	3 502 725	2 767	1 266	752	514
2035 Pickled Fruits, Veg., etc.	705 357	146 672	2 933	50	36	14
2037 Frozen Fruits, Veg., Sea Foods	23 767 102	4 178 220	2 720	1 536	704	832
204 Grain-Mill Products	17 759 898	999 446	3 966	252	232	20
2051 Bread, Bakery Products	28 347 124	6 236 982	3 915	1 593	1 143	450
2071 Candy	280 689	57 624	1 801	32	9	23
208 Beverage Industries	7 189 070	1 504 573	3 188	475	412	63
2094 Corn Sirup, etc., and Starch	4 488 650	625 004	3 655	171	162	9
2095 Flavoring Extracts, sirups	458 356	154 597	2 883	54	37	17
2097,9 Mfg'd. Ice & Misc. Foods	3 365 365	703 907	3 171	222	146	76
TABLE 2: TEXTILES	<u>201 190 631</u>	<u>49 379 846</u>	<u>3 156</u>	<u>15 648</u>	<u>9 377</u>	<u>6 271</u>
2221 Yarn Mills	15 514 215	2 755 659	2 634	1 046	358	688
Broad-Woven Fabric Mills:						
2231 Cotton, Silk & Synthetic	81 538 468	24 216 221	3 102	7 806	4 404	3 402
2232 Woolen and Worsted	76 665 476	16 900 843	3 316	5 096	3 489	1 607
227 Carpets, Rugs, Floor Coverings	7 364 106	1 643 850	3 823	430	403	27
2294 Processed Waste & Recov. Fibers	13 846 252	1 605 410	3 148	510	414	96
NES	6 262 114	2 257 863	2 971	760	309	451
TABLE 3: APPAREL	<u>15 453 481</u>	<u>6 099 302</u>	<u>2 342</u>	<u>2 604</u>	<u>388</u>	<u>2 216</u>
232 Men's, Youths', Boys Furnish- ings	4 910 120	2 596 204	2 456	1 057	217	840
233 Women's, Misses' Outerwear	1 258 281	910 423	2 041	446	18	428
236 Children's, Infants' Outerwear	4 902 619	1 614 681	2 265	713	52	661
239 Misc. Fabricated Textile Prod.	1 137 763	354 482	2 462	144	64	80
NES	3 244 698	623 512	2 555	244	37	207
TABLE 4: LUMBER AND WOOD	<u>135 255 061</u>	<u>42 313 278</u>	<u>3 036</u>	<u>13 937</u>	<u>11 812</u>	<u>2 125</u>
2411 Logging Camps & Contractors	56 075 845	16 128 867	3 572	4 515	4 462	53
2421 Sawmills and Planing Mills	33 530 263	9 225 625	2 713	3 400	3 304	96
2423,4 Shingle, Cooperage Stock Mills	61 793	16 575	2 368	7	7	None
2431 Millwork Plants	4 045 701	945 389	3 090	306	284	22
2432 Plywood Plants	6 494 126	2 208 973	3 432	643	484	159
2433 Prefab. Wooden Buildings, etc.	433 862	98 475	3 077	32	30	2
244 Wooden Containers	1 583 269	476 669	2 470	193	183	10
249 Misc. Wood Products	33 030 202	13 214 705	2 730	4 841	3 058	1 783
TABLE 5: FURNITURE AND FIXTURES	<u>8 426 651</u>	<u>2 490 260</u>	<u>3 132</u>	<u>795</u>	<u>683</u>	<u>112</u>
2511 Wood Household Furniture (except Upholstered)	5 462 719	1 834 245	3 067	598	510	88
2512 Wood Household Furniture (Upholstered)	207 827	59 465	2 973	20	13	7
2515 Mattresses and Bedsprings	1 047 320	190 855	3 534	54	40	14

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

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INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 5: (continued)	\$	\$	\$			
254 Partitions, Shelving, etc.	1 350 883	333 495	3 335	100	98	2
NES	357 902	72 200	3 139	23	22	1
TABLE 6: PAPER AND ALLIED PRODUCTS	<u>381 526 793</u>	<u>82 411 658</u>	<u>4 699</u>	<u>17 537</u>	<u>15 401</u>	<u>2 136</u>
2611 Pulp Mills	17 039 876	4 205 256	4 621	901	884	17
2612 Paper & Paperboard Mills (ex. Bldg. Paper & Board Mills)	340 548 396	73 575 592	4 792	15 354	13 684	1 670
2671 Paperboard Boxes, Folded, etc.	4 589 292	766 192	3 247	236	151	85
269 Pulp Goods and Misc. Converted Paper Products	12 846 767	2 679 376	3 606	743	415	328
NES	6 502 482	1 185 240	3 912	303	267	36
TABLE 7: PRINTING, PUBLISHING AND ALLIED INDUSTRIES	<u>21 219 383</u>	<u>7 391 042</u>	<u>3 628</u>	<u>2 037</u>	<u>1 484</u>	<u>553</u>
2711 Newspapers	13 739 849	5 275 888	3 801	1 388	1 022	366
2751 Commercial Printing	5 740 150	1 458 569	3 213	454	322	132
2761 Lithographing	727 314	269 759	3 137	86	64	22
279 Service Industries for the Printing Trade	449 859	214 834	4 053	53	45	8
NES	562 211	171 992	3 071	56	31	25
TABLE 8: CHEMICALS & ALLIED PRODUCTS	<u>16 576 295</u>	<u>2 662 706</u>	<u>3 555</u>	<u>749</u>	<u>693</u>	<u>56</u>
283 Drugs and Medicines	3 274 169	390 531	3 684	106	96	10
2871 Fertilizers (Mfg. & Mixing)	8 906 234	1 436 729	3 547	405	388	17
2885 Marine Animal Oils	1 038 623	201 981	4 488	45	45	None
2896 Compressed & Liquified Gases	903 688	175 025	3 646	48	43	5
2899 Chemicals, Chemical Products	255 762	44 765	2 356	19	8	11
NES	2 197 819	413 675	3 283	126	113	13
TABLE 9: LEATHER & LEATHER PRODUCTS	<u>197 154 644</u>	<u>59 394 711</u>	<u>2 829</u>	<u>20 996</u>	<u>9 263</u>	<u>11 733</u>
3111 Leather Tanning & Finishing	22 389 190	3 826 876	3 375	1 134	994	140
3131 Boot, Shoe Cut Stock & Findings	12 494 544	3 106 200	2 657	1 169	630	539
3141 Footwear (except House Slippers and Rubber Footwear)	161 458 796	52 236 142	2 806	18 613	7 585	11 028
NES	812 114	225 493	2 819	80	54	26
TABLE 10: STONE, CLAY, & GLASS PRODUCTS	<u>11 960 167</u>	<u>3 179 405</u>	<u>3 784</u>	<u>838</u>	<u>805</u>	<u>33</u>
325 Structural Clay Products	570 888	278 287	3 394	82	80	2
327 Concrete, Gypsum & Plaster Prod.	3 204 002	902 050	3 580	252	250	2
3281 Cut-Stone & Stone Products	1 573 050	991 805	3 763	237	230	7
3295 Minerals, Earths: Ground, etc.	467 907	186 235	2 739	68	53	15
NES	6 144 320	921 028	4 628	199	192	7
TABLE 11: PRIMARY METAL INDUSTRIES	<u>3 088 965</u>	<u>642 307</u>	<u>3 016</u>	<u>213</u>	<u>195</u>	<u>18</u>
3321 Gray-Iron Foundries	757 472	294 988	2 950	100	97	3
NES	2 331 493	347 319	3 074	113	98	15

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

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INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 12: FABRICATED METAL PRODUCTS	<u>40 622 488</u>	<u>9 059 365</u>	<u>4 073</u>	<u>2 224</u>	<u>1 928</u>	<u>296</u>
3422 Edge Tools	1 288 148	512 664	3 184	161	151	10
3423 Hand Tools	657 407	155 652	2 830	55	49	6
3441 Fabricated Struc. steel, etc.	7 945 837	1 575 481	4 834	340	324	16
3442 Metal Doors, Sash, Frames, etc.	3 198 391	901 843	2 548	354	228	126
3443 Boiler Shop Products	7 519 286	1 852 002	5 337	347	329	18
3444 Sheet-metal Work	1 715 400	738 835	4 334	170	162	8
346 Metal Stamping, Coating, Engraving	345 643	78 757	3 029	26	25	1
3499 Fabricated Metal Prod., NEC	162 501	49 834	4 530	11	8	3
NES	17 790 075	3 186 297	4 206	760	652	108
TABLE 13: MACHINERY AND ORDNANCE ^{A/}	<u>40 563 933</u>	<u>17 908 540</u>	<u>4 462</u>	<u>4 014</u>	<u>3 616</u>	<u>398</u>
3522 Agricultural Machinery	459 099	173 351	3 041	57	54	3
3531 Construc. & Mining Machinery	5 816 177	2 409 476	4 421	545	527	18
355 Special Industry Machinery	29 300 593	12 840 222	4 479	2 867	2 538	329
3599 Machine Shops	4 209 881	2 112 528	4 947	427	392	35
NES (Includes Ordnance)	778 183	372 963	3 161	118	105	13
^{A/} One of the two Ordnance manufacturers in the state files a combined report under the Machinery Industry; the other is therefore included in this category.						
TABLE 14: ELECTRICAL MACHINERY	<u>12 545 644</u>	<u>2 925 171</u>	<u>3 186</u>	<u>918</u>	<u>353</u>	<u>565</u>
3661 Radios, TV, and Equipment	2 409 271	502 143	3 282	153	113	40
NES	10 136 373	2 423 028	3 167	765	240	525
TABLE 15: TRANSPORTATION EQUIPMENT	<u>68 321 000</u>	<u>53 968 801</u>	<u>4 674</u>	<u>11 547</u>	<u>10 922</u>	<u>625</u>
371 Motor Vehicles & Equipment	1 357 463	276 592	3 501	79	73	6
372 Aircraft and Parts	14 850 986	3 648 868	3 629	1 005	926	79
3731 Ship Building ^{1/}	49 373 718	49 080 415	4 841	10 138	9 615	523
3732 Boat Building	2 738 833	964 926	2 969	325	308	17
^{1/} Portsmouth Naval Shipyard included except Value of Product.						
TABLE 16: SCIENTIFIC INSTRUMENTS	<u>1 864 466</u>	<u>545 178</u>	<u>3 495</u>	<u>156</u>	<u>123</u>	<u>33</u>
3851 Ophthalmic Goods	960 758	273 764	3 555	77	61	16
NES	903 708	271 414	3 436	79	62	17
TABLE 17: MISCELLANEOUS MANUFACTURING	<u>9 622 232</u>	<u>2 631 080</u>	<u>2 966</u>	<u>861</u>	<u>624</u>	<u>257</u>
3949 Sporting Goods, NEC	905 393	243 091	2 431	100	36	64
3971 Fabricated Plastics Prod. NEC	5 587 897	1 372 273	3 155	435	377	58
3981 Brooms and Brushes	388 594	194 013	1 848	105	35	70
3993 Signs and Displays	212 570	122 668	3 833	32	30	2
3998 Models and Patterns	380 839	233 758	5 701	41	35	6
3999 Misc. Fabricated Products NEC	1 193 393	120 336	2 865	42	40	2
NES	953 546	344 941	2 738	126	71	55

CENSUS OF MAINE MANUFACTURES

1957

COUNTY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 18: FOOD	206 169 569	28 378 605	2 995	9 476	5 568	3 908
Androscoggin	13 287 889	1 603 158	2 832	566	364	202
Aroostook	17 962 583	3 094 336	3 217	962	545	417
Cumberland	64 286 828	10 071 188	3 644	2 764	1 751	1 013
Franklin	1 253 532	209 980	2 530	83	48	35
Hancock	4 735 661	758 346	2 319	327	143	184
Kennebec	26 973 863	2 629 643	2 793	945	603	342
Knox	8 281 512	1 238 555	2 382	520	228	292
Lincoln	1 133 170	212 078	2 651	80	49	31
Oxford	4 347 132	662 252	2 545	263	170	93
Penobscot	19 008 515	2 418 294	3 259	742	539	203
Sagadahoc	725 151	174 747	2 730	46	26	38
Somerset	2 324 461	551 159	2 461	224	140	84
Waldo	23 691 612	2 077 337	2 985	720	410	310
Washington	16 761 341	2 424 079	2 126	1 140	482	658
York	815 466	246 263	3 284	75	70	5
TABLE 19: TEXTILES	201 190 631	49 379 846	3 156	15 648	9 377	6 271
Androscoggin	60 952 401	18 127 598	3 166	5 725	3 399	2 326
Cumberland	5 358 596	1 015 179	2 440	416	163	253
Franklin	3 232 881	854 537	3 052	280	216	64
Kennebec	31 708 423	8 258 023	3 293	2 508	1 770	738
Knox	3 527 291	1 124 034	2 831	397	251	146
Penobscot	28 003 299	3 762 184	3 091	1 217	839	378
Somerset	10 568 926	1 941 082	2 919	665	368	297
Washington	5 028 746	802 292	2 928	274	161	113
York	40 259 533	10 735 839	3 214	3 340	1 719	1 621
All Others	12 650 443	2 759 078	3 340	826	491	335
TABLE 20: APPAREL	15 453 481	6 099 302	2 342	2 604	388	2 216
Androscoggin	550 548	166 313	2 188	76	18	58
Cumberland	5 060 169	1 443 109	2 258	639	74	565
Kennebec	3 256 034	2 304 975	2 452	940	131	809
Knox	2 882 156	732 805	2 356	311	50	261
Penobscot	138 818	43 205	2 541	17	13	4
York	578 805	430 493	2 136	225	11	214
All Others	2 988 951	928 402	2 344	396	91	305
TABLE 21: LUMBER & WOOD	135 255 061	42 313 278	3 036	13 937	11 812	2 125
Androscoggin	2 235 042	689 471	2 985	231	213	18
Aroostook	14 170 433	4 807 096	3 436	1 399	1 386	13
Cumberland	9 314 419	2 391 273	2 952	810	674	136
Franklin	8 268 171	3 505 553	2 690	1 303	953	350
Hancock	1 339 224	553 918	2 529	219	211	8
Kennebec	5 437 375	2 032 902	2 626	774	488	286
Knox	999 433	213 619	2 374	90	88	2
Lincoln	559 661	133 958	2 161	62	61	1
Oxford	28 023 062	7 677 022	2 948	2 604	2 045	559
Penobscot	14 180 544	4 586 008	3 145	1 458	1 297	161
Piscataquis	11 838 864	3 718 095	3 253	1 143	878	265
Sagadahoc	477 215	122 675	2 726	45	45	None
Somerset	23 286 128	7 821 159	3 386	2 310	2 052	258
Waldo	1 728 709	521 231	2 602	200	196	4

CENSUS OF MAINE MANUFACTURES

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COUNTY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 21: (continued)						
Washington	5 931 472	1 774 218	3 028	586	557	29
York	7 465 309	1 765 080	2 511	703	668	35
TABLE 22: FURNITURE & FIXTURES	<u>8 426 651</u>	<u>2 490 260</u>	<u>3 132</u>	<u>795</u>	<u>683</u>	<u>112</u>
Androscoggin	1 707 075	455 674	2 866	159	143	16
Cumberland	2 888 694	794 202	3 409	233	204	29
Penobscot	496 413	110 841	3 167	35	28	7
All Others	3 334 469	1 129 543	3 069	368	308	60
TABLE 23: PAPER	<u>381 526 793</u>	<u>82 411 656</u>	<u>4 699</u>	<u>17 537</u>	<u>15 401</u>	<u>2 136</u>
Androscoggin	10 154 513	2 083 757	3 984	523	446	77
Aroostook	41 631 919	4 232 883	4 843	874	780	94
Cumberland	50 762 679	13 202 004	4 140	3 189	2 388	801
Kennebec	61 952 242	11 663 409	4 630	2 519	1 998	521
Penobscot	99 322 428	22 949 731	5 135	4 469	4 272	197
Somerset	7 968 596	2 047 578	4 023	509	491	18
York	1 452 871	362 774	2 974	122	98	24
All Others	108 281 545	25 869 520	4 852	5 332	4 928	404
TABLE 24: PRINTING, PUBLISHING	<u>21 219 383</u>	<u>7 391 042</u>	<u>3 628</u>	<u>2 037</u>	<u>1 484</u>	<u>553</u>
Androscoggin	3 784 054	1 210 190	3 623	334	225	109
Aroostook	294 665	117 808	3 800	31	22	9
Cumberland	7 966 704	2 779 403	3 802	731	550	181
Franklin	523 767	149 916	3 331	45	34	11
Hancock	185 116	66 464	2 890	23	18	5
Kennebec	2 487 419	952 079	3 648	261	191	70
Knox	1 234 180	347 939	3 346	104	73	31
Lincoln	135 419	65 540	2 731	24	17	7
Oxford	172 277	58 640	2 346	25	18	7
Penobscot	3 328 075	1 165 039	3 949	295	223	72
Sagadahoc	156 101	89 050	2 873	31	22	9
Somerset	160 112	69 493	2 780	25	19	6
Waldo	77 992	60 466	2 879	21	13	8
York	619 942	229 945	3 026	76	49	27
All Others	93 560	29 070	2 643	11	10	1
TABLE 25: CHEMICALS	<u>16 576 295</u>	<u>2 662 706</u>	<u>3 555</u>	<u>749</u>	<u>693</u>	<u>56</u>
Androscoggin	394 857	98 895	2 909	34	21	13
Aroostook	3 336 343	287 565	3 687	78	71	7
Cumberland	3 669 693	570 179	3 702	154	142	12
Knox	2 284 092	339 401	3 857	88	84	4
Waldo	5 013 558	1 106 889	3 503	316	307	9
Washington	615 623	141 306	3 925	36	35	1
All Others	1 262 129	118 471	2 755	43	33	10
TABLE 26: LEATHER	<u>197 154 644</u>	<u>59 394 711</u>	<u>2 829</u>	<u>20 996</u>	<u>9 263</u>	<u>11 733</u>
Androscoggin	57 754 504	18 468 536	2 889	6 393	2 502	3 891
Cumberland	21 137 972	6 899 157	2 854	2 417	1 112	1 305
Franklin	10 030 808	3 273 696	2 952	1 109	474	635

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

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COUNTY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 26: (continued)						
Kennebec	17 978 270	5 258 807	2 895	1 951	934	1 017
Oxford	10 824 078	2 914 534	2 833	1 107	801	508
Penobscot	18 431 445	5 112 498	2 533	2 018	802	1 216
Somerset	30 350 778	7 853 383	3 117	2 455	1 209	1 246
York	25 090 823	7 502 282	2 808	2 874	1 138	1 538
All Others	7 558 188	2 312 018	2 851	872	493	379
TABLE 27: STONE, CLAY & GLASS	<u>11 980 167</u>	<u>3 179 405</u>	<u>3 794</u>	<u>838</u>	<u>805</u>	<u>33</u>
Androscoggin	1 177 954	389 871	3 822	102	98	4
Cumberland	794 548	248 590	3 121	79	78	1
Hancock	700 280	358 953	3 986	90	85	5
Knox	7 032 398	1 334 414	4 318	309	309	None
Penobscot	554 425	175 897	3 315	53	51	2
York	824 395	222 321	3 845	81	60	1
All Others	878 191	453 559	3 150	144	124	20
TABLE 28: PRIMARY METALS	<u>3 088 985</u>	<u>642 307</u>	<u>3 018</u>	<u>213</u>	<u>195</u>	<u>18</u>
Androscoggin	2 870 097	483 375	2 947	164	148	18
Penobscot	223 981	85 872	4 771	18	18	None
All Others	194 887	73 060	2 357	31	31	None
TABLE 29: FABRICATED METALS	<u>40 622 488</u>	<u>9 059 365</u>	<u>4 073</u>	<u>2 224</u>	<u>1 928</u>	<u>296</u>
Androscoggin	1 483 967	795 438	3 770	211	201	10
Cumberland	31 070 390	6 839 029	4 297	1 545	1 300	245
Kennebec	2 124 179	419 644	3 132	134	119	15
Penobscot	491 883	165 278	3 118	53	51	2
All Others	5 472 089	1 039 978	3 701	281	257	24
TABLE 30: MACHINERY & ORDNANCE	<u>40 583 933</u>	<u>17 908 540</u>	<u>4 462</u>	<u>4 014</u>	<u>3 618</u>	<u>398</u>
Androscoggin	713 174	378 899	3 445	110	101	9
Aroostook	474 548	173 819	3 104	58	53	3
Cumberland	3 908 707	2 020 329	5 187	391	360	31
Oxford	174 230	75 714	2 811	29	28	3
York	25 375 210	11 321 173	4 484	2 525	2 212	313
All Others	9 920 084	3 938 808	4 382	903	864	39
TABLE 31: ELECTRICAL MACHINERY	<u>12 545 644</u>	<u>2 925 171</u>	<u>3 186</u>	<u>918</u>	<u>353</u>	<u>565</u>
Cumberland	2 130 578	399 074	3 785	108	100	8
All Others	10 415 066	2 526 097	3 111	812	253	559
TABLE 32: TRANSPORTATION EQUIPMENT	<u>68 321 000</u>	<u>53 988 801</u>	<u>4 874</u>	<u>11 547</u>	<u>10 922</u>	<u>625</u>
Cumberland	15 484 759	3 841 023	4 001	910	838	74
Hancock	902 738	318 730	3 369	94	88	6
Knox	1 018 401	425 808	2 895	147	141	6
Lincoln	1 818 828	657 779	3 759	175	170	5
Penobscot	1 248 758	455 048	2 938	155	138	19

CENSUS OF MAINE MANUFACTURES

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COUNTY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 32: (continued)	\$	\$	\$			
York ^{1/}	3 836 146	37 082 922	4 854	7 639	7 214	425
All Others	44 033 570	11 389 695	4 693	2 427	2 337	90
TABLE 33: SCIENTIFIC INSTRUMENTS	<u>1 864 466</u>	<u>545 178</u>	<u>3 495</u>	<u>156</u>	<u>123</u>	<u>33</u>
Androscoggin	156 856	44 614	3 187	14	11	3
Cumberland	353 124	82 635	3 305	25	18	7
Kennebec	296 041	75 187	4 177	18	16	2
All Others	1 058 645	342 742	3 462	99	78	12
TABLE 34: MISC. MANUFACTURING	<u>9 622 232</u>	<u>2 631 080</u>	<u>2 986</u>	<u>881</u>	<u>624</u>	<u>257</u>
Androscoggin	771 098	194 128	2 897	67	19	48
Cumberland	1 234 830	626 667	2 848	220	106	114
Knox	187 885	54 215	2 582	21	17	4
Lincoln	153 776	55 544	2 525	22	8	14
Oxford	40 552	24 756	2 476	10	6	4
Penobscot	1 154 312	126 639	2 638	48	42	6
Somerset	194 870	59 606	2 384	25	20	5
Washington	188 742	40 473	2 530	16	14	2
York	6 646 964	1 417 335	3 221	440	383	57
All Others	49 183	31 717	2 643	12	9	3
^{1/} Portsmouth Naval Shipyard included except Value of Product.						
<u>INDUSTRY</u>						
TABLE 35: ANDROSCOGGIN	<u>159 553 852</u>	<u>45 547 496</u>	<u>3 071</u>	<u>14 832</u>	<u>8 007</u>	<u>6 825</u>
Foods	13 867 889	1 603 158	2 832	566	364	202
Textiles	60 852 491	18 127 598	3 166	5 725	3 399	2 326
Apparel	550 548	166 313	2 188	76	18	58
Lumber and Wood	2 235 042	689 471	2 985	231	213	18
Furniture	1 707 075	455 674	2 866	159	143	16
Paper	10 154 513	2 083 757	3 984	523	446	77
Printing	3 784 054	1 210 190	3 623	334	225	109
Chemicals	394 857	98 895	2 909	34	21	13
Rubber	1 203 490	330 388	2 873	115	92	23
Leather	57 754 504	18 468 536	2 869	6 393	2 502	3 891
Stone, Clay, & Glass	1 177 954	389 871	3 822	102	98	4
Primary Metals	2 670 087	483 375	2 947	164	146	18
Fabricated Metals	1 463 967	795 438	3 770	211	201	10
Non-Electrical Machinery	713 174	378 899	3 445	110	101	9
Misc. Manufacturing	771 098	194 128	2 897	67	19	48
NEC	233 099	71 805	3 264	22	19	3
TABLE 36: AROOSTOOK	<u>78 374 450</u>	<u>12 843 140</u>	<u>3 708</u>	<u>3 464</u>	<u>2 874</u>	<u>590</u>
Foods	17 962 583	3 094 336	3 217	962	545	417
Lumber and Wood	14 170 433	4 807 096	3 436	1 399	1 386	13
Paper	41 631 919	4 232 883	4 843	874	780	94
Chemicals	3 336 343	287 565	3 687	78	71	7
Non-Electrical Machinery	474 548	173 819	3 104	56	53	3

CENSUS OF MAINE MANUFACTURES

1957

INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 36: (continued)						
NEC	798 624	247 441	2 605	95	39	56
TABLE 37: CUMBERLAND	226 257 264	52 905 340	3 610	14 656	9 882	4 774
Foods	64 286 826	10 071 188	3 644	2 764	1 751	1 013
Textiles	5 358 596	1 015 179	2 440	416	163	253
Apparel	5 060 169	1 443 109	2 258	639	74	565
Lumber and Wood	9 314 419	2 391 273	2 952	810	674	136
Furniture	2 888 694	794 202	3 408	233	204	29
Paper	50 762 679	13 202 004	4 140	3 189	2 388	801
Printing	7 966 704	2 779 403	3 802	731	550	181
Chemicals	3 669 693	570 179	3 702	154	142	12
Leather	21 137 972	6 889 157	2 854	2 417	1 112	1 305
Stone, Clay & Glass	794 546	246 590	3 121	79	78	1
Fabricated Metals	31 070 390	6 639 029	4 297	1 545	1 300	245
Non-Electrical Machinery	3 865 279	1 978 901	5 235	378	349	29
Transportation Equipment	15 464 759	3 641 023	4 001	910	836	74
Instruments	353 124	82 635	3 305	25	18	7
Misc. Manufacturing	1 234 830	626 667	2 848	220	106	114
NEC	3 028 584	524 801	3 596	146	137	9
TABLE 38: FRANKLIN	45 756 704	12 313 488	3 378	3 645	2 532	1 113
Foods	1 253 532	209 980	2 530	83	48	35
Textiles	3 232 881	854 537	3 052	280	216	64
Lumber and Wood	8 268 171	3 505 553	2 690	1 303	953	350
Printing	523 767	149 916	3 331	45	34	11
Leather	10 030 808	3 273 696	2 952	1 109	474	635
NEC	22 447 545	4 319 806	5 236	825	807	18
TABLE 39: HANCOCK	27 636 754	5 943 885	3 877	1 533	1 209	324
Foods	4 735 661	758 346	2 319	327	143	184
Lumber and Wood	1 339 224	553 918	2 529	219	211	8
Printing	185 116	66 484	2 890	23	18	5
Stone, Clay, & Glass	700 260	356 953	3 966	90	85	5
Transportation Equipment	902 738	316 730	3 369	94	88	6
NEC	19 773 755	3 891 474	4 989	780	664	116
TABLE 40: KENNEBEC	152 448 581	33 675 021	3 341	10 080	6 276	3 804
Foods	26 973 863	2 629 643	2 783	945	603	342
Textiles	31 708 425	8 258 023	3 293	2 508	1 770	738
Apparel	3 256 034	2 304 975	2 452	940	131	809
Lumber and Wood	5 437 375	2 032 902	2 626	774	488	286
Paper	61 952 242	11 683 409	4 630	2 519	1 998	521
Printing	2 487 419	952 079	3 648	261	191	70
Leather	17 978 270	5 258 607	2 695	1 951	934	1 017
Fabricated Metals	2 124 179	419 644	3 132	134	119	15
Instruments	296 041	75 187	4 177	18	16	2
NEC	234 733	80 552	2 685	30	26	4

CENSUS OF MAINE MANUFACTURES

1957

INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>TABLE 41: KNOX</u>	<u>28 983 589</u>	<u>6 383 421</u>	<u>2 938</u>	<u>2 173</u>	<u>1 388</u>	<u>785</u>
Foods	8 281 512	1 238 555	2 382	520	228	292
Textiles	3 527 291	1 124 034	2 831	397	251	146
Apparel	2 882 158	732 805	2 356	311	50	261
Lumber and Wood	999 433	213 619	2 374	90	88	2
Printing	1 234 180	347 939	3 348	104	73	31
Chemicals	2 284 092	339 401	3 857	88	84	4
Stone, Clay, & Glass	7 032 396	1 334 414	4 318	309	309	None
Transportation Equipment	1 018 401	425 606	2 895	147	141	6
Misc. Manufacturing	187 885	54 215	2 582	21	17	4
NEC	1 536 223	572 833	3 080	186	147	39
<u>TABLE 42: LINCOLN</u>	<u>8 763 947</u>	<u>2 204 155</u>	<u>3 190</u>	<u>691</u>	<u>393</u>	<u>298</u>
Foods	1 133 170	212 078	2 651	80	49	31
Lumber and Wood	559 681	133 958	2 181	62	61	1
Printing	135 419	65 540	2 731	24	17	7
Transportation Equipment	1 816 628	657 779	3 759	175	170	5
Misc. Manufacturing	153 778	55 544	2 525	22	8	14
NEC	4 965 293	1 079 256	3 290	328	88	240
<u>TABLE 43: OXFORD</u>	<u>96 095 051</u>	<u>26 279 728</u>	<u>3 559</u>	<u>7 385</u>	<u>5 852</u>	<u>1 533</u>
Foods	4 347 132	669 252	2 545	263	170	93
Lumber and Wood	28 023 062	7 677 022	2 948	2 604	2 045	559
Printing	172 277	58 640	2 346	25	18	7
Leather	10 824 078	2 914 534	2 633	1 107	601	506
Misc. Manufacturing	40 552	24 756	2 478	10	6	4
NEC	52 687 952	14 935 524	4 424	3 376	3 012	364
<u>TABLE 44: PENOBSCOT</u>	<u>189 106 505</u>	<u>42 727 102</u>	<u>3 906</u>	<u>10 940</u>	<u>8 651</u>	<u>2 289</u>
Foods	19 008 515	2 418 294	3 259	742	539	203
Textiles	28 003 299	3 782 184	3 091	1 217	839	378
Apparel	138 818	43 205	2 541	17	13	4
Lumber and Wood	14 180 544	4 586 008	3 145	1 458	1 297	161
Furniture	496 413	110 841	3 187	35	28	7
Paper	99 322 428	22 949 731	5 135	4 489	4 272	197
Printing	3 328 075	1 185 039	3 949	295	223	72
Leather	16 431 445	5 112 498	2 533	2 018	802	1 216
Stone, Clay, & Glass	554 425	175 697	3 315	53	51	2
Fabricated Metals	491 883	165 278	3 118	53	51	2
Transportation Equipment	1 248 758	455 046	2 936	155	136	19
Misc. Manufacturing	1 154 312	126 639	2 638	48	42	6
NEC	4 747 590	1 656 642	4 380	380	358	22
<u>TABLE 45: PISCATAQUIS</u>	<u>21 891 126</u>	<u>6 313 686</u>	<u>3 357</u>	<u>1 881</u>	<u>1 443</u>	<u>438</u>
Lumber and Wood	11 838 864	3 718 095	3 253	1 143	878	265
NEC	10 052 262	2 595 591	3 517	738	565	173
<u>TABLE 46: SAGadahoc</u>	<u>64 512 881</u>	<u>17 289 389</u>	<u>4 321</u>	<u>4 001</u>	<u>3 484</u>	<u>517</u>
Foods	725 151	174 747	2 730	64	26	38
Lumber and Wood	477 215	122 676	2 726	45	45	None

CENSUS OF MAINE MANUFACTURES

1957

INDUSTRY	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 46: (continueud)	\$	\$	\$			
Printing	158 101	89 050	2 973	31	22	9
NEC	63 154 414	16 902 917	4 378	3 861	3 391	470
TABLE 47: SOMERSET	76 077 873	20 367 358	3 230	6 305	4 349	1 956
Foods	2 324 461	551 159	2 461	224	140	84
Textiles	10 568 928	1 941 082	2 919	865	368	297
Lumber and Wood	23 286 128	7 821 159	3 386	2 310	2 052	258
Paper	7 968 596	2 047 578	4 023	509	491	18
Printing	160 112	69 493	2 780	25	19	6
Leather	30 350 778	7 653 383	3 117	2 455	1 209	1 246
Misc. Manufacturing	194 780	59 606	2 384	25	20	5
NEC	1 224 092	223 898	2 434	92	50	42
TABLE 48: WALDO	35 617 340	5 237 739	2 825	1 854	1 255	599
Foods	23 691 612	2 077 337	2 865	720	410	310
Lumber and Wood	1 728 709	521 231	2 806	200	196	4
Printing	77 992	60 466	2 879	21	13	8
Chemicals	5 013 558	1 106 889	3 503	318	307	9
NEC	5 105 469	1 471 816	2 465	597	329	268
TABLE 49: WASHINGTON	44 598 121	8 565 280	3 047	2 811	1 832	979
Foods	16 761 341	2 424 079	2 126	1 140	482	658
Textiles	5 028 748	802 292	2 928	274	161	113
Lumber and Wood	5 931 472	1 774 218	3 028	586	557	29
Chemicals	615 623	141 306	3 925	36	35	1
Transportation Equipment	43 356	10 267	1 711	6	6	None
Misc. Manufacturing	188 742	40 473	2 530	16	14	2
NEC	16 028 841	3 372 645	4 479	753	577	176
TABLE 50: YORK ^{1/}	118 410 382	73 225 491	3 965	18 466	13 931	4 535
Foods	815 466	246 263	3 284	75	70	5
Textiles	40 259 533	10 735 839	3 214	3 340	1 719	1 621
Apparel	576 805	480 493	2 126	226	11	215
Lumber and Wood	7 465 309	1 765 080	2 511	703	668	35
Paper	1 452 871	362 774	2 974	122	98	24
Printing	619 942	229 945	3 026	76	49	27
Leather	25 090 623	7 502 282	2 806	2 674	1 136	1 538
Stone, Clay, & Glass	824 395	222 321	3 645	61	60	1
Non-Electrical Machinery	25 375 210	11 321 173	4 484	2 525	2 212	313
Transportation Equipment ^{1/}	3 836 146	37 082 922	4 854	7 639	7 214	425
Misc. Manufacturing	5 646 984	1 417 335	3 221	440	383	57
NEC	6 447 098	1 859 064	3 178	585	311	274

^{1/} Portsmouth Naval Shipyard included except Value of Product.

CENSUS OF MAINE MANUFACTURES

1957

MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>TABLE 51: ANDROSCOGGIN</u>	<u>\$ 159 553 852</u>	<u>\$ 45 547 496</u>	<u>\$ 3 071</u>	<u>14 832</u>	<u>8 007</u>	<u>6 825</u>
Auburn, C	46 358 661	15 145 779	3 045	4 974	2 290	2 684
Greene, T	237 294	84 215	2 632	32	29	3
Lewiston, C	78 563 582	21 704 017	2 985	7 271	4 086	3 175
Lisbon, T	19 045 552	4 578 055	3 920	1 168	918	250
Livermore Falls, T	7 427 082	2 290 554	2 790	821	296	525
Mechanic Falls, T	4 396 049	888 677	3 513	253	195	58
Turner, T	294 604	79 821	2 217	36	11	25
Webster, T	1 291 311	342 304	2 499	137	93	44
All Others	1 939 737	434 074	3 101	140	79	61
<u>TABLE 52: AROOSTOOK</u>	<u>78 374 450</u>	<u>12 843 140</u>	<u>3 708</u>	<u>3 484</u>	<u>2 874</u>	<u>590</u>
Ashland, T	1 651 228	418 463	3 516	119	113	6
Caribou, T	12 285 404	2 145 247	3 421	627	348	279
Eagle Lake, T	693 386	367 152	3 672	100	100	None
Fort Fairfield, T	486 003	61 538	3 419	18	18	None
Fort Kent, T	1 165 919	238 672	2 623	91	44	47
Frenchville, T	509 586	30 288	2 163	14	13	1
Houlton, T	2 792 558	535 176	3 283	163	143	20
Island Falls, T	110 867	34 209	2 851	12	12	None
Limestone, T	545 924	105 040	4 040	28	25	1
Madawaska, T	39 631 910	4 042 138	5 003	808	742	66
Mars Hill, T	355 439	51 710	3 042	17	17	None
Masardis, T	71 000	43 988	3 384	13	13	None
Presque Isle, C	3 886 310	646 895	3 423	189	154	35
St. Francis, P	600 035	379 501	3 833	99	98	1
Van Buren, T	560 675	97 881	2 966	33	31	2
Washburn, T	2 246 778	432 575	2 430	178	51	127
All Others	10 781 428	3 212 667	3 357	957	952	5
<u>TABLE 53: CUMBERLAND</u>	<u>226 257 264</u>	<u>52 905 340</u>	<u>3 610</u>	<u>14 656</u>	<u>9 882</u>	<u>4 774</u>
Baldwin, T	772 981	220 568	2 981	74	73	1
Bridgton, T	7 163 914	1 361 172	4 100	332	250	82
Brunswick, T	9 173 038	2 303 589	2 887	798	387	411
Casco, T	472 599	135 297	2 602	52	49	3
Cumberland, T	100 808	31 692	2 436	13	8	5
Falmouth, T	292 355	98 782	2 822	35	32	3
Freeport, T	9 660 730	3 446 617	3 015	1 143	585	558
Gorham, T	617 531	112 906	2 454	46	37	9
Gray, T	164 431	67 540	1 876	36	15	21
Harrison, T	302 970	92 542	2 373	39	31	8
Portland, C	100 586 458	21 450 210	3 553	6 037	3 949	2 088
Raymond, T	2 165 878	405 758	3 655	111	104	7
Scarboro, T	4 295 447	610 869	4 184	146	104	42
South Portland, C	24 326 776	5 967 793	4 293	1 390	1 176	214
Standish, T	585 424	180 113	2 434	74	57	17
Westbrook, C	60 099 821	15 466 969	3 875	3 991	2 789	1 202
Windham, T	543 968	288 706	3 799	76	71	5
Yarmouth, T	4 672 415	572 796	2 523	227	130	97
All Others	259 630	91 421	2 539	36	35	1
<u>TABLE 54: FRANKLIN</u>	<u>45 756 704</u>	<u>12 313 488</u>	<u>3 378</u>	<u>3 645</u>	<u>2 532</u>	<u>1 113</u>
Eustis, T	883 669	417 020	2 958	141	109	32
Farmington, T	3 902 848	1 373 784	2 558	537	247	290

CENSUS OF MAINE MANUFACTURES

1957

MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 54: (continued)	\$	\$	\$			
Jay, T	27 217 534	5 853 453	4 482	1 306	996	310
Kingfield, T	535 727	249 926	2 272	110	78	34
New Sharon, T	984 295	189 531	2 734	62	38	24
New Vineyard, T	359 079	189 997	2 208	77	65	12
Phillips, T	324 331	159 595	2 418	66	49	17
Rangely, T	679 142	220 559	3 106	71	61	10
Strong, T	2 167 815	882 821	2 620	337	214	123
Wilton, T	7 764 686	2 378 729	2 929	812	552	260
All Others	937 578	438 073	3 477	126	125	1
TABLE 55: HANCOCK	27 636 754	5 943 885	3 877	1 533	1 209	324
Bar Harbor, T	99 889	35 115	2 926	12	9	3
Bluehill, T	450 545	148 559	2 518	59	52	7
Bucksport, T	19 290 756	3 652 865	5 412	675	644	31
Ellsworth, C	1 422 282	510 256	2 396	213	117	96
Franklin, T	714 638	50 057	2 503	20	11	9
Gouldsboro, T	831 694	229 198	2 729	84	29	55
Mount Desert, T	334 845	122 206	2 842	43	42	1
Penobscot, T	269 999	17 448	969	18	15	3
Southwest Harbor, T	988 165	338 409	2 851	118	82	36
Stonington, T	1 038 439	404 102	3 674	110	86	24
Tremont, T	1 041 436	152 898	1 986	77	42	35
All Others	1 154 066	284 772	2 738	104	80	24
TABLE 56: KENNEBEC	152 448 581	33 675 021	3 341	10 080	6 276	3 804
Augusta, C	51 329 400	10 242 500	3 277	3 126	2 061	1 065
Clinton, T	3 459 731	785 178	2 985	263	172	91
Gardiner, C	13 126 590	3 855 342	2 923	1 319	663	656
Hallowell, C	3 130 090	958 761	2 701	355	159	196
Litchfield, T	103 114	30 408	1 901	16	15	1
Monmouth, T	3 460 840	742 228	3 551	209	145	64
Mt. Vernon, T	22 121	10 675	2 135	5	4	1
Oakland, T	6 075 290	1 997 413	2 747	727	374	353
Randolph, T	573 883	132 202	3 005	44	29	15
Vassalboro, T	301 142	99 930	2 701	37	35	2
Waterville, C	22 653 839	6 707 713	3 105	2 180	1 087	1 073
Winslow, T	41 358 869	6 748 558	4 706	1 434	1 197	237
Winthrop, T	6 275 762	1 174 300	3 752	313	275	38
All Others	577 910	189 815	2 636	72	60	12
TABLE 57: KNOX	28 983 569	6 383 421	2 938	2 173	1 388	785
Camden, T	4 583 361	1 633 804	2 871	569	375	194
Friendship, T	36 878	13 366	1 485	9	3	6
Rockland, C	13 604 485	2 696 716	2 893	932	504	428
Rockport, T	792 772	188 051	2 239	84	43	41
St. George, T	916 101	287 534	2 396	120	67	53
Thomaston, T	6 842 728	1 073 583	4 098	262	243	19
Union, T	1 266 184	213 354	3 005	71	64	7
Vinalhaven, T	231 020	55 746	1 507	37	17	20
Warren, T	512 599	172 826	2 542	68	51	17
Washington, T	178 645	44 050	2 447	18	18	None
All Others	18 798	4 391	1 464	3	3	None

CENSUS OF MAINE MANUFACTURES

1957

MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 58: LINCOLN	8 783 947	2 204 155	3 190	691	393	298
Boothbay, T	581 692	219 273	3 781	58	57	1
Boothbay Harbor, T	1 046 326	445 288	3 562	125	112	13
Bristol, T	43 193	6 179	1 545	4	4	None
Damariscotta, T	86 983	44 025	2 317	19	16	3
Edgecomb, T	48 445	11 922	2 394	5	5	None
Jefferson, T	23 046	9 729	1 946	5	5	None
Newcastle, T	211 303	48 450	2 423	20	19	1
Nobleboro, T	59 012	13 557	1 506	9	7	2
Waldoboro, T	6 046 032	1 283 421	3 169	405	129	276
Whitefield, T	29 735	5 689	1 422	4	4	None
Wiscasset, T	164 000	27 050	2 459	11	11	None
All Others	424 180	89 572	3 445	26	24	2
TABLE 59: OXFORD	96 095 051	26 279 728	3 559	7 385	5 852	1 533
Andover, T	987 168	282 430	2 499	113	102	11
Bethel, T	1 767 815	550 320	2 711	203	158	45
Brownfield, T	161 710	20 593	1 872	11	11	None
Buckfield, T	1 480 235	237 876	2 937	81	69	12
Canton, T	389 857	97 137	2 259	43	27	16
Denmark, T	34 259	8 193	2 048	4	3	1
Dixfield, T	5 015 097	1 850 560	2 847	650	379	271
Fryeburg, T	1 782 288	378 238	2 472	153	125	28
Hiram, T	409 088	146 004	2 355	62	56	6
Lincoln, P	151 338	53 034	4 080	13	13	None
Lovell, T	964 852	198 543	3 151	63	62	1
Mexico, T	957 962	172 211	4 200	41	40	1
Norway, T	10 972 867	3 455 230	2 636	1 311	755	556
Oxford, T	2 984 914	591 389	3 113	190	139	51
Paris, T	8 926 078	2 115 933	2 856	741	587	154
Rumford, T	48 180 244	1 380 985	4 578	3 015	2 717	298
Waterford, T	749 252	291 678	3 353	87	83	4
Woodstock, T	977 531	337 329	2 765	122	86	36
All Others	9 222 496	1 690 045	3 506	482	440	42
TABLE 60: PENOBSCOT	189 106 505	42 727 102	3 906	10 940	8 651	2 289
Bangor, C	17 427 248	5 256 226	2 953	1 780	1 012	768
Brewer, C	19 131 510	5 580 303	4 050	1 373	1 139	234
Corinna, T	13 494 714	1 710 247	3 245	527	306	221
Dexter, T	7 579 185	2 529 323	3 441	735	600	135
Howland, T	642 076	386 508	3 514	110	107	3
Lee, T	215 572	83 317	2 777	30	30	None
Lincoln, T	9 670 256	2 175 526	4 369	498	458	40
Mattawamkeag, T	963 782	570 428	2 783	205	123	82
Milford, T	157 094	27 437	2 744	10	10	None
Millinocket, T ^{1/}	63 593 031	13 828 785	5 689	2 431	2 419	12
Newport, T	13 493 973	935 507	3 087	303	251	52
Old Town, C	23 344 090	6 324 787	3 361	1 862	1 254	608
Orono, T	9 064 619	979 312	3 041	322	266	56
Veazie, T	589 875	215 159	2 689	80	45	35
Winn, T	136 825	64 341	2 797	23	22	1
All Others	9 602 655	2 079 896	3 296	631	609	22

^{1/} Also includes East Millinocket, T

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

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MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>TABLE 61: PISCATAQUIS</u>	<u>21 891 126</u>	<u>6 313 686</u>	<u>3 357</u>	<u>1 881</u>	<u>1 443</u>	<u>438</u>
Brownville, T	957 635	315 226	2 463	128	65	63
Dover-Foxcroft, T	1 902 517	686 443	2 934	234	194	40
Greenville, T	1 693 818	832 373	3 303	252	222	30
Guilford, T	9 395 777	2 389 208	3 418	699	428	271
Milo, T	512 709	296 481	3 188	93	83	10
Monson, T	1 452 918	586 040	3 388	173	152	21
All Others	5 975 752	1 207 915	4 000	302	299	3
<u>TABLE 62: SAGadahoc</u>	<u>64 512 881</u>	<u>17 289 389</u>	<u>4 321</u>	<u>4 001</u>	<u>3 484</u>	<u>517</u>
Bath, C	51 969 209	14 264 070	4 537	3 144	2 905	239
Bowdoinham, T	1 267 050	263 638	3 215	82	64	18
Richmond, T	3 685 518	881 697	2 721	324	128	196
Topsham, T	7 354 720	1 831 936	4 290	427	374	53
All Others	236 384	48 048	2 002	24	13	11
<u>TABLE 63: SOMERSET</u>	<u>76 077 873</u>	<u>20 367 358</u>	<u>3 230</u>	<u>6 305</u>	<u>4 349</u>	<u>1 956</u>
Anson, T	1 391 644	538 472	2 959	182	149	33
Bingham, T	5 902 155	1 896 997	3 606	528	403	123
Fairfield, T	5 200 566	1 137 141	3 057	372	257	115
The Forks, P	894 876	282 360	3 868	73	72	1
Harmony, T	882 318	363 707	2 957	123	71	52
Hartland, T	12 500 625	1 544 796	2 965	521	421	100
Jackman, T	787 509	284 868	2 820	101	99	2
Madison, T	9 675 893	2 583 787	3 487	741	571	170
New Portland, T	569 336	247 455	2 475	100	80	20
Norridgewood, T	4 436 482	1 418 444	3 188	445	181	264
Pittsfield, T	4 164 540	1 331 184	3 118	427	250	177
Skowhegan, T	12 429 605	4 570 596	3 090	1 479	665	814
Solon, T	656 021	228 776	2 265	101	39	62
All Others	16 826 303	3 938 775	3 536	1 114	1 091	23
<u>TABLE 64: WALDO</u>	<u>35 617 340</u>	<u>5 237 739</u>	<u>2 825</u>	<u>1 854</u>	<u>1 255</u>	<u>599</u>
Belfast, C	23 537 590	3 160 430	2 690	1 175	683	492
Brooks, T	2 670 453	293 754	2 670	110	64	46
Liberty, T	180 062	32 308	2 308	14	11	3
Lincolntonville, T	53 740	15 017	1 669	9	9	None
Searsport, T	3 214 052	954 241	3 547	269	260	9
All Others	5 961 443	781 989	2 823	277	228	49
<u>TABLE 65: WASHINGTON</u>	<u>44 598 121</u>	<u>8 565 280</u>	<u>3 047</u>	<u>2 811</u>	<u>1 832</u>	<u>979</u>
Calais, C	2 662 163	957 169	2 963	323	178	145
Cherryfield, T	1 672 189	216 551	2 279	95	49	46
Columbia Falls, T	302 401	83 867	2 207	38	30	8
East Machias, T	239 292	39 028	2 054	19	16	3
Eastport, C	5 012 979	1 112 089	2 533	439	240	199
Jonesport, T	1 705 057	361 842	2 141	169	87	82
Lubec, T	12 102 879	1 413 631	2 794	506	265	241
Machias, T	3 188 607	353 971	2 809	126	87	39
Milbridge, T	1 030 511	241 667	1 997	121	38	83
Pembroke, T	381 906	114 983	1 575	73	30	43

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

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MINOR CIVIL DIVISION	VALUE OF PRODUCT	GROSS WAGES	AVERAGE GROSS WAGE	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
TABLE 85: (continued)	\$	\$	\$			
Wesley, T	279 235	92 019	2 487	37	37	None
All Others	18 020 902	3 578 463	4 138	865	775	90
TABLE 86: YORK	118 410 382	73 225 491	3 965	18 466	13 931	4 535
Berwick, T	4 928 749	728 331	3 854	189	185	4
Biddeford, C	57 331 870	20 126 429	3 834	5 250	3 634	1 616
Eliot, T	171 208	98 475	1 427	89	24	45
Hollis, T	875 787	249 390	2 288	109	106	3
Kennebunk, T	8 492 172	2 840 841	2 890	1 056	430	626
Kennebunkport, T	111 001	48 655	3 244	15	15	None
Kittery, T ^{1/}	65 034	35 973 047	4 933	7 292	6 878	416
Lebanon, T	183 748	50 591	2 200	23	23	None
Limerick, T	4 564 997	1 309 466	3 074	426	174	252
Newfield, T	123 498	48 708	2 435	20	20	None
North Berwick, T	3 170 283	869 699	3 095	281	233	48
Parsonsfield, T	3 117 431	642 680	2 634	244	176	68
Saco, C	5 510 586	1 753 383	2 908	603	345	258
Sanford, T	26 356 769	7 098 863	2 878	2 467	1 389	1 078
South Berwick, T	198 447	111 663	3 190	35	27	8
Waterboro, T	1 271 214	667 444	4 095	163	126	37
All Others	1 937 788	607 828	2 714	224	148	76
 ^{1/} Portsmouth Naval Shipyard included except Value of Product.						

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TABLE 67: INVESTMENT IN PLANT MODERNIZATION & EXPANSION, 1957 (See Appendix F)

TABLE 68: NUMBER OF ORGANIZED WORKERS, 1957 (See Appendix G)

	TABLE 67: Capital Investment (000's)	TABLE 68: Total Employment	Number Organ- ized <u>1/</u>	Organized as % of Total Employment
<u>GRAND TOTAL</u>	<u>65 108</u>	<u>104 717</u>	<u>43 854</u>	<u>42.0</u>
Food and Kindred Products	2 791	9 476	1 151	12.1
Textile Mill Products	2 371	15 648	8 195	52.4
Apparel	268	2 804	1 584	60.8
Lumber and Wood Products	2 418 <u>3/</u>	13 937	1 899	13.6
Furniture and Fixtures	433	795	82	10.3
Paper and Allied Products	45 905	17 537	12 018	68.5
Printing and Publishing, etc.	570	2 037	598	29.4
Chemicals	2 099	749	87	11.6
Petroleum and Rubber Products	68	147	-0-	-0-
Leather and Leather Products	1 888	20 996	4 927	23.5
Stone, Clay, and Glass Products	382	838	377	45.0
Primary Metal Industries	121	213	118	55.4
Fabricated Metal Products	581	2 224	1 388	62.4
Non-Electrical Machinery	881	4 014	2 002	49.9
Electrical Machinery	256	918	-0-	-0-
Transportation Equipment <u>2/</u>	3 453	11 547	9 402	81.4
Instruments	103	156	-0-	-0-
Miscellaneous Manufacturing	526	881	126	14.3
Androscoggin	2 921	14 832	7 906	53.3
Aroostook	4 154	3 484	812	23.4
Cumberland	5 811	14 656	3 183	21.7
Franklin	1 143	3 645	773	21.2
Hancock	584	1 533	716	45.8
Kennebec	2 897	10 080	5 991	59.4
Knox	462	2 173	818	37.6
Lincoln	265	691	37	5.4
Oxford	6 656	7 385	3 556	48.2
Penobscot	23 801	10 940	4 659	42.6
Piscataquis	896	1 881	206	11.0
Sagadahoc	933	4 001	2 586	64.6
Somerset	1 013	6 305	653	10.4
Waldo	1 976	1 854	230	12.4
Washington	7 363	2 811	612	21.8
York <u>2/</u>	4 433	18 466	11 216	60.7
(Establishments Employing:)				
0 - 50	3 924	14 356	660	4.5
51 - 100	2 089	7 082	1 567	22.2
101 - 250	5 564	16 463	4 773	29.0
251 - 500	16 771	18 610	7 580	40.7
501 - 1000	7 425	12 412	9 067	73.1
1001 and over <u>2/</u>	26 738	20 738	15 621	75.3
Combined Reporting	2 245	13 214	4 352	32.9
Did not operate or discontinued during year	352	1 862	334	17.9

1/ This data is tabulated from material filed by employers on the annual Product and Employment Report and represents only one pay period. Total employment is the average for the year.

2/ Includes Portsmouth Naval Shipyard.

3/ Includes \$1,890,000, Logging and Sawmill operations.

TABLE 69: ALL MANUFACTURING AND THE FIVE MAJOR INDUSTRIES, 1957, RAW AND DEFLATED DATA (See Appendix H)

Industry Group Maine Manufacturing	Wholesale Price Index Title	1957 Value of Product (000's)	1957 Index $\frac{1}{1947-49=100}$	1957 Deflated Value of Product (000's)	1957 Gross Wages (000's)	1957 Deflated Gross Wage $\frac{2}{(000's)}$	1957 Average Gross Wage	1957 Deflated Average Gross Wage $\frac{2}{}$
ALL MANUFACTURING	All Commodities	\$ 1 374 084	117.6	\$ 1 168 438	\$ 371 822	\$ 310 100	\$ 3 551	\$ 2 962
Paper and Allied Products	Pulp, Paper and Allied Products	381 527	129.5	294 615	82 412	68 732	4 699	3 919
Leather and Leather Products	Hides, Skins and Leather Products	197 155	99.5	198 146	59 395	49 535	2 829	2 359
Food and Kindred Products	Processed Foods	206 170	105.6	195 237	28 379	23 668	2 995	2 498
Lumber and Wood Products	Lumber and Wood Products	135 255	119.0	113 660	42 313	35 289	3 036	2 532
Textile Mill Products	Textiles and Apparel	201 191	95.4	210 892	49 380	41 183	3 156	2 632

1/ Average for the 12 months, 1957.

2/ Gross and Average Wages are deflated with the "Purchasing Power of the Dollar," estimated at 83.4 for 1957; 1947-49=100.

APPENDIX A: Index of manufacturing industry titles
(Standard Industrial Classification
Manual, 1945, Bureau of the Budget)

19 ORDNANCE AND ACCESSORIES

1929 Ammunition, nec

20 FOOD AND KINDRED PRODUCTS

2011 Meat packing, wholesale
2012 Custom slaughtering, wholesale
2013 Sausages and other prepared meat products
2015 Poultry and small game dressing and packing, wholesale
2021 Creamery butter
2023 Condensed and evaporated milk
2024 Ice cream and ices
2031 Canned sea food
2032 Cured fish
2033 Canned fruits, vegetables, and soups; preserves, jams, and jellies
2034 Dried and dehydrated fruits and vegetables
2035 Pickled fruits and vegetables; vegetable sauces and seasonings; salad dressings
2037 Frozen fruits, vegetables, and sea foods
2041 Flour and other grain-mill products
2042 Prepared feeds for animals and fowls
2051 Bread and other bakery products (except biscuit, crackers, and pretzels)
2071 Candy and other confectionery products
2081 Bottled soft drinks and carbonated waters
2085 Distilled, rectified, and blended liquors
2094 Corn sirup, corn sugar, corn oil, and starch
2095 Flavoring extracts and flavoring sirups, nec
2097 Manufactured ice
2099 Food preparations, nec

22 TEXTILE MILL PRODUCTS

2211 Scouring and combing plants
2221 Yarn mills
2231 Broad-woven fabric mills (cotton, silk, and synthetic fiber)
2232 Broad-woven fabric mills (woolen and worsted)
2241 Narrow fabrics and other smallwares mills (cotton, wool, silk, and synthetic fiber)
2253 Knit outerwear mills
2261 Dyeing and finishing textiles (except woolen and worsted textiles and knit goods)
2262 Dyeing and finishing woolen and worsted goods
2271 Wool carpets, rugs, and carpet yarn
2273 Carpets, rugs, and mats from fiber (except wool)
2274 Linoleum, asphalted-felt-base, and other hard-surface floor coverings, nec
2292 Lace goods
2294 Processed waste and recovered fibers
2295 Artificial leather, oilcloth, and other impregnated and coated fabrics (except rubberized)
2298 Cordage and twine
2299 Textile goods, nec

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

2321 Men's, youths', and boys' shirts (except work shirts), collars, and nightwear
2323 Men's, youths', and boys' neckwear
2325 Men's, youths', and boys' cloth hats and caps
2327 Men's, youths', and boys' separate trousers
2329 Men's, youths', and boys' work, sport, and other clothing, nec

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS (continued)

2333 Women's and misses' dresses
2339 Women's and misses' outerwear, nec
2341 Women's, misses', children's, and infants' underwear and nightwear
2361 Children's and infants' dresses
2369 Children's and infants' outerwear, nec
2382 Work gloves and mittens (fabric, fabric and leather combined)
2384 Robes and dressing gowns
2389 Apparel, nec
2391 Curtains and draperies
2392 Housefurnishings (except curtains and draperies)
2394 Canvas products
2399 Fabricated textile products, nec

24 LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)

2411 Logging camps and logging contractors
2421 Sawmills and planing mills, general
2423 Shingle mills
2424 Cooperage stock mills
2431 Millwork plants
2432 Plywood plants
2433 Prefabricated wooden buildings and structural members
2444 Wooden boxes (except cigar boxes)
2445 Cooperage
2491 Wood preserving
2492 Lasts and related products
2493 Mirror frames and picture frames
2499 Wood products, nec

25 FURNITURE AND FIXTURES

2511 Wood household furniture, except upholstered
2512 Wood household furniture, upholstered
2514 Metal household furniture
2515 Mattresses and bedsprings
2541 Partitions, shelving, lockers, and office and store fixtures
2562 Window shades
2563 Venetian blinds
2591 Restaurant furniture

26 PAPER AND ALLIED PRODUCTS

2611 Pulp mills
2612 Paper and paperboard mills (except building-paper and building-board mills)
2613 Building-paper and building-board mills
2661 Paper bags
2671 Paperboard boxes: folded, set-up, and corrugated
2674 Fiber cans, tubes, drums, and similar products
2691 Die-cut paper and paperboard; and cardboard
2694 Pulp goods, pressed and molded
2699 Converted paper products, nec

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

2711 Newspapers
2721 Periodicals
2731 Books: publishing, publishing and printing
2751 Commercial printing
2761 Lithographing
2771 Greeting cards
2781 Bookbinding
2782 Blankbook making and paper ruling
2783 Library and loose-leaf binder and manufacturing
2791 Typesetting
2792 Engraving and plate printing

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
(continued)

2793 Photoengraving

28 CHEMICALS AND ALLIED PRODUCTS

2822 Intermediates, dyes, color lakes, and toners
2832 Botanical products
2833 Inorganic and organic medicinal chemicals
2834 Pharmaceutical preparations
2841 Soap and glycerin
2842 Cleaning and polishing preparations
2851 Paints, varnishes, lacquers, japans and enamels
2861 Hardwood distillation
2871 Fertilizers (manufacturing and mixing)
2885 Marine animal oils
2886 Grease and tallow
2893 Perfumes, cosmetics, and other toilet preparations
2896 Compressed and liquified gases
2897 Insecticides and fungicides
2899 Chemicals and chemical products, nec

29 PRODUCTS OF PETROLEUM AND COAL

2991 Fuel briquets and packaged fuel

30 RUBBER PRODUCTS

3099 Rubber industries, nec

31 LEATHER AND LEATHER PRODUCTS

3111 Leather tanning and finishing
3121 Industrial leather belting and packing
3131 Boot and shoe cut stock and findings
3141 Footwear (except house slippers and rubber footwear)
3142 House slippers
3171 Women's handbags and purses

32 STONE, CLAY, AND GLASS PRODUCTS

3241 Cement, hydraulic
3251 Brick and hollow tile
3269 Pottery products, nec
3271 Concrete products
3274 Lime
3281 Cut-stone and stone products
3293 Steam and other packing, and pipe and boiler covering
3295 Minerals and earths: ground or otherwise treated

33 PRIMARY METAL INDUSTRIES

3321 Gray-iron foundries
3361 Nonferrous foundries
3392 Wire drawing

34 FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY AND TRANSPORTATION EQUIPMENT)

3411 Tin cans and other tinware
3422 Edge tools
3423 Hand tools (except edge tools, machine tools, files, and saws)
3425 Hand saws and saw blades
3429 Hardware, nec
3439 Heating and cooking apparatus (except electric), nec

34 FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY AND TRANSPORTATION EQUIPMENT) (continued)

3441 Fabricated structural steel and ornamental metal work
3442 Metal doors, sash, frames, molding, and trim
3443 Boiler shop products
3444 Sheet-metal work
3463 Stamped and pressed metal products (except automobile stampings)
3468 Electroplating, plating, and polishing
3499 Fabricated metal products, nec

35 MACHINERY (EXCEPT ELECTRICAL)

3522 Agricultural machinery (except tractors)
3531 Construction, mining, and similar machinery (except oil-field machinery and tools)
3541 Machine tools
3542 Metalworking machinery (except machine tools)
3543 Machine-tool accessories, other metalworking-machinery accessories and machinists' precision tools
3552 Textile machinery
3553 Woodworking machinery
3583 Sewing machines
3591 Valves and fittings (except plumbers' valves)
3599 Machine shops (jobbing and repair)

36 ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

3611 Wiring devices and supplies
3619 Electrical equipment for industrial use, nec
3661 Radios, radio and television equipment (except radio tubes), radar and related detection apparatus, and phonographs
3664 Telephone and telegraph equipment
3669 Communication equipment, nec
3691 Storage batteries

37 TRANSPORTATION EQUIPMENT

3713 Truck and bus bodies
3714 Motor-vehicle parts and accessories
3721 Aircraft
3722 Aircraft engines and engine parts
3729 Aircraft parts and auxiliary equipment, nec
3731 Ship building and repairing
3732 Boat building and repairing

38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS

3811 Laboratory, scientific, and engineering instruments (except surgical, medical and dental)
3821 Mechanical measuring and controlling instruments
3851 Ophthalmic goods

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

3933 Piano and organ parts and materials
3941 Games and toys (except dolls, and children's vehicles)
3949 Sporting and athletic goods, nec
3963 Buttons
3971 Fabricated plastics products, nec
3981 Brooms and brushes
3988 Morticians' goods
3993 Signs and advertising displays
3998 Models and patterns (except paper patterns)
3999 Miscellaneous fabricated products, nec

nec Not elsewhere classified

APPENDIX B: Major Industry Descriptions

20 **FOOD AND KINDRED PRODUCTS** This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products such as manufactured ice, chewing gum, and prepared feeds for animals and fowls.

22 **TEXTILE MILL PRODUCTS** This major group includes establishments engaged in performing any of the following operations, regardless of the type of fiber used: (1) manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets, rugs, braids, laces, knit fabric, knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn and fabric; and (4) coating, water-proofing, and otherwise treating fabric. This classification makes no distinction between the two types of organizations which operate in the textile industry; namely, the "regular" or "inside" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products, and the "contract" or "commission" mill which processes materials owned by others. Jobbers or converters who do no manufacturing but who assign materials to contract mills for processing are classified in non-manufacturing industries. Establishments primarily engaged in the sponging or shrinking of cloth for the trade, or in employing home workers for hand-knitting or hand-weaving of textile products are included in APPAREL AND OTHER FINISHED PRODUCTS. The rubberizing of fabrics is classified in the major group, RUBBER PRODUCTS.

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 related fabricated products by cutting and sewing purchased woven or knit fabrics. All types of textiles are utilized as well as leather, rubberized fabrics, fur, and other materials. This classification makes no distinction between the two types of organizations which operate in the apparel industry; namely, the "regular" or "inside" factory which purchases materials, manufactures clothing and related articles, and sells the finished products, and the "contract" factory which manufactures apparel from materials owned by others. Jobbers who do no manufacturing but assign materials to contract factories for fabrication, and custom tailors and dressmakers not operating on a factory basis are classified in non-manufacturing industries.

24 **LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)** This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills, and plywood 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 the major group, FURNITURE AND FIXTURES; pianos, musical instruments, toys, and playground equipment, caskets and coffins in MISCELLANEOUS MANUFACTURING INDUSTRIES. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to

24 LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) (cont'd)

individual order, is classified in non-manufacturing industries.

25 **FURNITURE AND FIXTURES** This major group includes establishments engaged in manufacturing household, office, public-building, professional and restaurant furniture, office and store fixtures, and window and door screens and shades, regardless of the materials used. Establishments primarily engaged in the production of millwork are classified in the major group LUMBER AND WOOD PRODUCTS. Woodworking to individual order or in the nature of reconditioning and repair is classified in non-manufacturing industries.

26 **PAPER AND ALLIED PRODUCTS** This major group includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper or paperboard into converted paper products such as coated paper, paper bags, paper boxes, cards, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in STONE, CLAY, AND GLASS PRODUCTS, carbon paper in MISCELLANEOUS MANUFACTURING INDUSTRIES, and photosensitized and blueprint paper in PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS.

27 **PRINTING, PUBLISHING AND ALLIED INDUSTRIES** This major group includes establishments engaged in printing, publishing, and lithographing; and those performing services for the printing trades, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This group also includes publishers regardless of whether or not they do their own printing. News syndicates are classified in service industries.

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, crude animal and vegetable oils, dry colors, and pigments; and (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 ferro-alloys are classified in the major group, PRIMARY METAL INDUSTRIES, silicon carbide in STONE, CLAY, AND GLASS PRODUCTS, baking powder, and other leavening compounds, and starches in the major group FOOD AND KINDRED PRODUCTS, and embalming fluids and artists' colors in the major group MISCELLANEOUS MANUFACTURING INDUSTRIES. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products are classified in the trade industries.

29 **PRODUCTS OF PETROLEUM AND COAL** This major group includes establishments refining crude petroleum and manufacturing coke and coke-oven products, paving and roofing materials, and other products made from petroleum and coal. Establishments manufacturing and distributing gas to consumers are classified in

29 PRODUCTS OF PETROLEUM AND COAL (continued)

public utility industries.

30 RUBBER INDUSTRIES, NEC (309) Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires for the trade, or for wholesale sale are included in this industry, but the rebuilding or retreading of rubber tires by tire-repair shops is classified in service industries.

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.

32 STONE, CLAY, AND GLASS 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 products, abrasive and asbestos 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 activities are classified in the mining industries; when separate reports are not available, the mining activities are classified with the manufacturing operations and classified herein.

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; and in the manufacturing of castings, forgings, and other basic products of ferrous and nonferrous metals.

34 FABRICATED METAL PRODUCTS This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as tin cans and other tinware, hand tools, cutlery, general hardware, non-electric heating apparatus, fabricated structural metal products, metal stampings, lighting fixtures, fabricated wire products, and a variety of metal products not elsewhere classified. Certain important segments of metal fabricating industries are classified in other major groups such as ordnance in the major group ORDNANCE AND ACCESSORIES, machinery in major groups MACHINERY (EXCEPT ELECTRICAL) and ELECTRICAL MACHINERY EQUIPMENT AND SUPPLIES, transportation equipment under its own major heading, professional, scientific, and controlling instruments, watches and clocks in their own group, and jewelry and silverware in MISCELLANEOUS MANUFACTURING INDUSTRIES. The production of ferrous and nonferrous metals and their alloys, and basic products made of metal, are classified in the major group PRIMARY METAL INDUSTRIES.

35 MACHINERY (EXCEPT ELECTRICAL) This major group includes establishments engaged in manufacturing machinery and prime movers other than electrical equipment. Machines powered by built-in or detachable electric motors ordinarily are included in this major group, with the exception of household electrical appliances. Portable tools, both electric

35 MACHINERY (EXCEPT ELECTRICAL) (continued)

and pneumatic powered, are included in this major group, but hand tools are classified in the major group FABRICATED METAL PRODUCTS.

36 ELECTRICAL 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 electrical household appliances is included in this group, but machinery and equipment powered by built-in or detachable electric motors is classified in the major group MACHINERY (EXCEPT ELECTRICAL).

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 group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse-drawn vehicles.

38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS This major group includes establishments engaged in manufacturing mechanical measuring, laboratory and scientific instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in the major group ELECTRICAL MACHINERY, EQUIPMENT AND SUPPLIES.

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, plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions, fabricated plastics products; brooms and brushes; morticians' goods; and other miscellaneous manufacturing industries.

NES NOT ELSEWHERE SHOWN A policy of the Department of Labor and Industry is not to reveal information on an individual plant basis. Industry groups which do not meet our standard minimum of three establishments each have been grouped under the heading NOT ELSEWHERE SHOWN. This title is not a part of the Standard Industrial Classification system but was originated to meet the needs of this department.

Descriptions of subordinate industry groupings may be found in the Standard Industrial Classification Manual, 1945, Volume I, Manufacturing Industries.

NOTE: The Standard Industrial Classification Manual has been revised and the changes therein will be incorporated in the Census of Maine Manufactures of either 1958 or 1959. In the year the change is effected, all possible efforts will be made to establish a linkage between the revisions and the existing classes; if possible, comparable data will be published for the five years preceding in order to maintain the continuity of data.

INDUSTRIAL CLASSIFICATION The Standard Industrial Classification system as compiled by the Executive Office of the President, Bureau of the 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 during 1957.

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

GROSS WAGES PAID shows total earnings during the calendar year of all employees, except executives, before deductions for Old-Age and Survivors Insurance, group insurance, withholding tax, defense bonds, union dues, etc. Pay for sick leave, holidays, vacations, and bonuses has been included. Owing to the exclusion of various fringe benefits, payroll taxes paid by employers, etc., this data should not be interpreted as representing total labor costs on the part of the employer.

NUMBER OF WORKERS is that reported in each month operated as of the payroll period ending nearest the 15th of the month, and averaged over the full twelve months. Inasmuch as 1955 was the first year using this method of computation, much of the variations in employment between the earlier years and those after 1955 may be purely mathematical and not reflective of absolute changes. Workers engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchmen services and product development are included as are working foremen and all other employees below the executive level.

AVERAGE GROSS WAGES is the figure obtained by dividing GROSS WAGES PAID by the TOTAL NUMBER OF WORKERS.

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. In instances where separate records for each establishment were not kept, data have been included in the totals for the civil division in which the home office or principal place of business was located. In these cases the establishment count is allocated by civil division and the entire report classified by size as "combined." This practice will, of course, inflate the values at the principal location. Where feasible (e.g., logging operations) such combined reports have been assigned to no specific civil division, merely to the county in which said principal location is found.

CIVIL DIVISIONS are geographical units established for governmental purposes. Major civil divisions are counties; minor divisions are cities, towns, plantations and townships.

SPECIAL STUDIES techniques of compiling data in the various special surveys included in the Census are generally covered in the texts of such surveys.

In the tables following are found two presentations of the census data. The first is tabulated according to the cities and towns falling within a five-mile area on each side of the Androscoggin, Kennebec and Penobscot Rivers, and the second according to the cities and towns falling within twenty-seven regions of the state, called "Economic Areas." The cities and towns used in these analyses are as follows:

- I. Rivers: Cities and towns within the five-mile area on each side of the streams--See Table D-1

ANDROSCOGGIN RIVER

Androscoggin County: Auburn, Durham, Greene, Lewiston, Lisbon, Livermore, Livermore Falls, Turner

Oxford County: Bethel, Canton, Dixfield, Gilead, Hanover, Mexico, Milton, Newry, Peru, Rumford

Franklin County: Jay

Sagadahoc County: Topsham

Cumberland County: Brunswick

KENNEBEC RIVER

Somerset County: Anson, Bingham, Canaan, Caratunk, Cornville, Fairfield, The Forks, Madison, Mercer, Norridgewock, Skowhegan, Smithfield, Solon, Starks

Kennebec County: Augusta, Belgrade, Benton, Clinton, Farmingdale, Gardiner, Hallowell, Manchester, Oakland, Pittston, Randolph, Sidney, Waterville, Winslow, Vassalboro

Sagadahoc County: Bowdoinham, Richmond

PENOBSCOT RIVER

Penobscot County: Alton, Argyle, Bangor, Bradley, Brewer, Chester, East Millinocket, Eddington, Enfield, Greenbush, Grindstone, Hampden, Howland, Lincoln, Mattawamkeag, Medway, Milford, Old Town, Orono, Orrington, Passadumkeag, Stacyville, Veazie, Winn, Woodville

Hancock County: Bucksport, Orland, Penobscot

Waldo County: Belfast, Frankfort, Searsport, Stockton Springs, Winterport

- II. Economic Areas: Wishing to make a more meaningful tabulation than that of the "shopping" areas formerly published in the census and which was based on a ten-mile radius about an arbitrarily fixed point, the thirteen areas were expanded to twenty-seven and the delineation based upon the 1950 population as plotted on a map of the state's minor civil divisions. The inclusion of cities and towns within the respective areas was perhaps even more arbitrary than before, but the selection was made on a more logical basis rather than by chance circumscription. It is not intended as the final answer in area analysis of the state, but merely as a beginning tool in the study of the economy. The applicable civil divisions included in the several areas are shown in the listing below; they are, however, subject to

II. Economic Areas: (continued)

change as further data warrants. Table D-2 shows the census data tabulated according to these areas for the years 1954 through 1956; 1957 data is in the main body of this report. A map of the areas is reproduced on the back cover.

Area No.	1950 Population	Minor Civil Divisions included (Population center shown in capital letters)
1	25 382	Eagle Lake, FORT KENT, Frenchville, Grand Isle, Madawaska, New Canada, St. Agatha, St. John, Van Buren, Wallagrass, T17 R 4, T 17 R 5
2	38 541	Caribou, Caswell, Connor, Easton, Ft. Fairfield, Limestone, Mapleton, Mars Hill, New Sweden, PRESQUE ISLE, Washburn, Woodland
3	15 561	Amity, Cary Plt., Hammond, Hodgdon, HOULTON, Linneus, Littleton, Ludlow, Monticello, New Limerick, Oakfield, Smyrna
4	7 578	East Millinocket, Medway, MILLINOCKET, T A R 7
5	8 629	Alexander, Baileyville, Baring, CALAIS, Charlotte, Meddybemps, Princeton, Robbinston
6	8 702	Dennysville, EASTPORT, Edmunds, Lubec, Pembroke, Perry, Trescott
7	4 419	East Machias, MACHIAS, Machiasport, Marshfield, Whitneyville
8	7 480	Addison, Beals, Cherryfield, Columbia, Columbia Falls, Harrington, Jonesboro, JONESPORT, Milbridge
9	9 443	BAR HARBOR, Cranberry Isles, Mt. Desert, Southwest Harbor, Tremont, Trenton, Winter Harbor
10	9 293	Bluehill, Brooklin, Brooksville, Castine, Deer Isle, Sedgwick, STONINGTON, Swan's Island, Isle Au Haut, North Haven, Vinalhaven
11	12 181	Bucksport, Dedham, ELLSWORTH, Hancock, Orland, Penobscot, Surry, Winterport
12	71 149	Alton, BANGOR, Bradley, Brewer, Carmel, Corinth, Eddington, Glenburn, Hampden, Hermon, Holden, Hudson, Kenduskeag, Levant, Milford, Newburg, Old Town, Orono, Orrington, Veazie
13	12 112	Dexter, DOVER-FOXCROFT, Guilford, Monson, Sangerville
14	12 980	BELFAST, Belmont, Brooks, Isleboro, Lincolnville, Morrill, Northport, Searsmont, Searsport, Stockton Springs, Swanville, Waldo
15	24 603	Camden, Cushing, Friendship, Hope, Owl's Head, ROCKLAND, Rockport, St. George, South Thomaston, Thomaston, Union,

II. Economic Areas: (continued)

Area No.	1950 Population	Minor Civil Divisions included (Population centers shown in capital letters)
15	24 603	(continued) Warren
16	24 212	Anson, Athens, Canaan, Cornville, Harmony, Hartland, Madison, Norridgewock, Pittsfield, SKOWHEGAN, Solon, Starks
17	41 233	Albion, Belgrade, Benton, China, Clinton, Fairfield, Oakland, Sidney, Smithfield, Vassalboro, WATERVILLE, Winslow
18	43 973	AUGUSTA, Chelsea, Farmingdale, Gardiner, Hallowell, Manchester, Pittston, Randolph, Readfield, West Gardiner, Windsor, Winthrop
19	39 417	Arrowsic, Bath, Bowdoinham, BRUNSWICK, Dresden, Freeport, Harpswell, No. Yarmouth, Phippsburg, Topsham, West Bath, Wiscasset, Woolwich, Yarmouth
20	21 573	Avon, Chesterville, FARMINGTON, Industry, Jay, Livermore, Livermore Falls, New Portland, New Sharon, New Vineyard, Phillips, Strong, Temple, Wilton
21	22 035	Andover, Bethel, Canton, Dixfield, Mexico, Peru, Roxbury, RUMFORD
22	14 468	Buckfield, Greenwood, Hebron, Norway, Otisfield, Oxford, PARIS, Waterford, Woodstock
23	82 744	Auburn, Durham, Gray, Greene, Leeds, LEWISTON, Lisbon, Mechanic Falls, Minot, New Gloucester, Poland, Turner, Webster
24	136 534	Cape Elizabeth, Cumberland, Falmouth, Gorham, PORTLAND, Scarborough, South Portland, Standish, Westbrook, Windham
25	13 500	Baldwin, BRIDGTON, Brownfield, Casco, Cornish, Denmark, Fryeburg, Harrison, Hiram, Naples, Parsonfield, Porter, Sebago
26	65 528	Alfred, Arundel, BIDDEFORD, Buxton, Dayton, Hollis, Kennebunk, Kennebunkport, Limerick, Limington, Lyman, Old Orchard, Saco, Sanford, Shapleigh, Waterboro
27	24 432	Berwick, Eliot, KITTERY, Lebanon, North Berwick, South Berwick, Wells, York

Table D-1: River Analysis, 1952-56

River	Year	Value of Product (000's)	Gross Wages (000's)	Average Employment (000's)	No. of Reporting Establishments
Androscoggin	1956	253	69	21	267
	1955	240	64	21	253
	1954	174	61	21	244
	1953	220	64	22	235
	1952	181	52	19	234
Kennebec	1956	199	45	14	179
	1955	181	47	15	160
	1954	160	41	15	164
	1953	168	42	15	152
	1952	171	43	16	151
Penobscot	1956	163	35	10	159
	1955	147	33	10	164
	1954	115	27	9	161
	1953	96	23	8	144
	1952	116	27	10	157
Total	1956	615	149	45	605
	1955	568	144	46	577
	1954	449	129	45	569
	1953	484	129	45	531
	1952	468	122	45	542

Table D-2: Economic Areas, 1954-56

Area No.	Population Centers	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment Total	Number of Reporting Establishments
1	Fort Kent	1956	43 345	5 002	4 304	1 162	28
		1955	38 466	4 813	4 278	1 125	29
		1954	33 269	3 812	3 835	994	23
2	Presque Isle	1956	20 918	3 146	2 760	1 140	44
		1955	17 175	2 503	2 718	921	39
		1954	15 141	2 199	2 251	977	40
3	Houlton	1956	4 364	1 042	3 037	343	28
		1955	3 900	946	2 938	325	26
		1954	3 806	828	2 612	317	21
4	Millinocket	1956	67 339	12 640	5 465	2 313	6
		1955	54 411	10 049	4 924	2 041	8
		1954	41 616	7 852	4 305	1 824	8
5	Calais	1956	15 326	3 666	4 161	881	9
		1955	16 302	3 272	3 683	890	12
		1954	16 437	3 256	3 043	1 070	10
6	Eastport	1956	16 402	2 630	2 225	1 182	45
		1955	13 706	2 302	2 007	1 147	43
		1954	13 929	2 331	1 300	1 793	54
7	Machias	1956	1 407	367	1 984	185	14
		1955	1 925	560	2 257	248	15
		1954	3 351	546	1 291	423	11
8	Jonesport	1956	5 121	940	1 926	488	27
		1955	4 051	771	1 554	496	24
		1954	4 166	859	642	1 337	24
9	Bar Harbor	1956	2 660	842	2 575	327	15
		1955	1 818	601	2 485	242	15
		1954	2 264	688	1 933	356	17

APPENDIX D - Table D-2: Economic Areas, 1954-56 (continued)

Area No.	Population Centers	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment Total	Number of Reporting Establishments
10	Stonington	1956	1 721	590	2 397	246	18
		1955	2 323	765	2 593	295	20
		1954	2 345	724	1 609	450	18
11	Ellsworth	1956	21 377	4 459	4 602	969	31
		1955	18 381	4 632	4 277	1 083	26
		1954	17 702	4 020	2 917	1 378	23
12	Bangor	1956	70 941	18 471	3 299	5 599	109
		1955	67 529	17 911	3 107	5 764	104
		1954	57 823	15 644	2 704	5 786	103
13	Dover-Foxcroft	1956	19 803	5 528	3 271	1 690	31
		1955	16 553	4 844	2 946	1 644	29
		1954	15 283	4 600	2 808	1 638	28
14	Belfast	1956	31 210	4 353	2 752	1 582	45
		1955	27 837	3 351	2 592	1 293	46
		1954	21 011	2 429	2 186	1 111	49
15	Rockland	1956	27 357	6 669	2 980	2 238	100
		1955	33 411	6 367	2 814	2 263	83
		1954	28 846	6 278	2 006	3 130	98
16	Skowhegan	1956	40 388	13 037	3 013	4 327	69
		1955	44 279	13 668	2 813	4 859	65
		1954	39 588	10 535	2 349	4 485	61
17	Waterville	1956	90 237	17 426	3 501	4 977	65
		1955	77 775	20 198	3 526	5 729	55
		1954	71 884	17 785	3 066	5 800	51
18	Augusta	1956	69 610	15 991	3 150	5 077	62
		1955	63 221	15 095	2 887	5 229	64
		1954	53 623	13 098	2 694	4 862	59
19	Brunswick	1956	76 586	20 630	3 955	5 216	80
		1955	79 032	20 304	3 566	5 694	80
		1954	80 456	10 572	3 181	6 152	75
20	Farmington	1956	49 652	12 705	3 118	4 075	70
		1955	35 535	8 026	2 619	3 065	62
		1954	27 067	8 093	2 473	3 272	64
21	Rumford	1956	58 666	16 855	4 460	3 779	45
		1955	53 881	15 411	3 865	3 985	50
		1954	51 445	15 138	3 892	3 890	42
22	Paris	1956	29 134	8 436	2 844	2 966	57
		1955	25 800	6 315	2 305	2 740	51
		1954	20 920	5 973	2 166	2 757	48
23	Lewiston	1956	163 446	43 952	2 864	15 344	213
		1955	153 589	42 036	2 741	15 336	190
		1954	134 737	37 876	2 622	14 443	184
24	Portland	1956	199 817	46 016	3 607	12 756	255
		1955	171 862	41 772	3 417	12 266	240
		1954	171 181	40 392	3 018	13 384	239
25	Bridgton	1956	9 169	2 092	2 542	823	65
		1955	11 782	2 614	2 583	1 012	66
		1954	7 161	1 976	2 033	972	72
26	Biddeford	1956	118 436	35 380	3 279	10 782	111
		1955	91 296	30 592	2 993	10 221	96
		1954	115 731	34 053	3 085	11 039	81
27	Kittery 1/	1956	8 924	33 423	4 510	7 411	33
		1955	9 920	34 085	4 217	8 082	29
		1954	8 854	36 375	4 309	8 441	35

APPENDIX D - Table D-2: Economic Areas, 1954-56 (continued)

Area No.	Population Centers	Year	Value of Product (000's)	Gross Wages Paid (000's)	Average Gross Wages	Employment Total	Number of Reporting Establishments
Total All Areas		1956	1 263 356	336 288	3 436	97 878	1 675
		1955	1 148 688	313 803	3 202	97 995	1 567
		1954	1 043 636	296 932	2 909	102 081	1 535
Per cent of State Total		1956	90.8	90.1	--	89.5	79.6
		1955	92.3	91.3	--	90.9	80.9
		1954	91.7	93.6	--	92.2	85.2

1/ Portsmouth Naval Shipyard included except Value of Product.

APPENDIX E - Comparative Data by Major Industry and County, 1952-56

Type of Industry or County	Year	Number of Reporting Establishments	Value of Product (000's)	Gross Wages Paid (000's)	Average Annual Earnings	Employment Total	Male	Female
			\$	\$	\$			
All Manufacturing	1956	2 106	1 390 930	373 194	3 415	109 340	76 945	32 395
	1955	1 936	1 245 110	343 801	3 189	107 809	76 335	31 474
	1954	1 802	1 138 778	317 259	2 866	110 683	75 921	34 762
	1953	1 798	1 169 170	344 037	2 864	120 134	83 063	37 071
	1952	1 764	1 128 507	336 261	2 660	126 397	88 215	38 142
Food and Kindred Products	1956	321	191 383	27 904	2 736	10 198	5 993	4 205
	1955	324	167 620	24 588	2 611	9 416	5 630	3 786
	1954	335	153 350	23 709	1 679	14 117	6 941	7 176
	1953	332	144 995	22 855	1 447	15 790	7 746	8 044
	1952	321	145 619	21 622	1 239	17 453	8 634	8 819
Textile Mill Products	1956	76	214 744	53 317	3 084	17 286	10 309	6 977
	1955	76	216 989	52 926	2 921	18 118	10 814	7 304
	1954	79	219 804	57 898	2 955	19 594	11 632	7 962
	1953	79	256 395	71 549	3 062	23 367	13 743	9 624
	1952	79	273 421	70 864	3 026	23 416	13 903	9 513
Apparel and other Finished Products	1956	59	26 469	5 633	2 304	2 445	433	2 012
	1955	58	21 285	4 960	2 240	2 214	397	1 817
	1954	56	18 495	4 418	1 902	2 201	382	1 819
	1953	45	16 162	3 845	1 986	1 936	296	1 640
	1952	43	13 715	3 377	1 873	1 803	313	1 490
Lumber and Wood Products (except Furniture)	1956	920	144 736	49 380	2 957	16 727	14 312	2 415
	1955	816	136 192	43 265	2 803	15 437	13 234	2 203
	1954	697	109 990	31 937	2 171	14 726	12 539	2 195
	1953	737	126 611	39 482	2 301	17 155	14 719	2 436
	1952	736	127 241	42 647	2 145	19 885	17 200	2 685
Furniture and Fixtures	1956	49	7 745	2 321	2 964	783	656	127
	1955	37	6 158	1 852	2 527	733	610	123
	1954	37	5 256	1 635	2 481	659	564	95
	1953	31	5 414	1 646	2 608	631	506	125
	1952	28	4 790	1 514	2 172	697	581	116
Paper and Allied Products	1956	47	395 563	81 252	4 664	17 421	15 276	2 145
	1955	48	334 643	76 550	4 267	17 939	15 811	2 128
	1954	47	292 735	67 768	3 939	17 206	15 155	2 051
	1953	41	285 182	64 564	4 045	15 692	13 775	1 917
	1952	47	248 097	54 208	3 573	15 173	13 274	1 899
Printing, Publishing and Allied Industries	1956	145	19 256	6 757	3 487	1 938	1 419	519
	1955	127	17 365	6 126	3 288	1 863	1 366	497
	1954	132	15 252	5 691	3 343	1 702	1 260	442
	1953	128	14 794	5 370	3 225	1 665	1 245	420
	1952	129	14 158	5 240	2 916	1 797	1 328	469
Chemicals and Allied Products	1956	48	18 018	2 340	3 196	732	676	56
	1955	51	16 855	2 040	3 095	659	603	56

APPENDIX E - Comparative Data by Major Industry and County, 1952-56 (continued)

Type of Industry or County	Year	Number of Reporting Establish- ments	Value of Product (000's) \$	Gross Wages Paid (000's) \$	Average Annual Earnings \$	Total	Male	Female
Chemicals (cont'd)	1954	46	15 761	1 866	2 862	652	598	54
	1953	47	14 250	1 689	2 586	653	606	47
	1952	39	12 174	1 557	2 449	636	583	53
Products of Petrol- eum and Coal	1956	4	821	33	4 184	8	8	0
	1955	4	789	25	4 104	6	6	0
Rubber Products	1956	6	1 519	415	2 905	143	118	25
	1955	5	1 328	343	2 642	130	107	23
	1954	4	859	200	2 004	100	81	19
	1953	4	835	245	2 335	105	83	22
	1952	4	1 041	219	2 215	99	78	21
Leather and Leather Products	1956	126	180 593	57 303	2 698	21 266	9 418	11 848
	1955	116	168 521	51 778	2 445	21 179	9 531	11 648
	1954	114	148 805	44 384	2 233	19 880	8 893	10 987
	1953	108	143 732	43 976	2 287	19 229	8 697	10 532
	1952	102	146 783	43 848	2 185	20 069	9 252	10 817
Stone, Clay, and Glass Products	1956	50	12 116	3 490	3 865	903	868	35
	1955	46	13 241	3 115	3 492	892	878	14
	1954	39	10 531	2 898	3 133	925	912	13
	1953	43	10 051	3 015	3 064	984	961	23
	1952	43	8 659	2 995	2 761	1 085	1 060	25
Primary Metal Industries	1956	12	3 503	704	2 805	251	228	23
	1955	14	3 473	871	3 249	268	239	29
	1954	12	2 656	570	2 543	224	201	23
	1953	13	3 699	678	2 422	280	251	29
	1952	12	4 207	631	2 437	259	232	27
Fabricated Metal Products	1956	60	44 041	10 341	4 185	2 471	2 173	298
	1955	54	28 997	7 281	3 663	1 988	1 686	302
	1954	49	39 505	9 043	3 437	2 631	2 263	368
	1953	47	31 524	7 703	3 043	2 531	2 025	506
	1952	43	31 833	7 755	2 925	2 651	2 122	529
Machinery (except Electrical Machinery) and Ordnance	1956	36	50 821	18 149	4 178	4 344	3 901	443
	1955	32	43 421	16 997	3 877	4 384	3 936	448
	1954	30	41 371	15 809	3 812	4 147	3 737	410
	1953	27	56 347	22 403	3 802	5 893	5 318	575
	1952	28	41 649	19 831	3 556	5 577	5 014	563
Electrical Machinery	1956	8	11 479	2 244	3 087	727	269	458
	1955	6	7 420	1 756	3 091	568	235	333
	1954	6	7 970	1 355	3 226	420	158	262
	1953	4	5 751	968	2 534	382	150	232
	1952	3	2 575	682	2 352	290	75	215
Transportation Equipment 1/	1956	68	60 228	49 286	4 518	10 909	10 347	562
	1955	59	55 084	47 618	4 197	11 346	10 801	545
	1954	62	52 731	47 095	4 340	10 852	10 303	549
	1953	58	48 126	52 646	3 998	13 169	12 551	618
	1952	53	46 137	57 678	3 911	14 748	14 085	663
Professional, Scien- tific and Controlling Instruments, etc.	1956	17	1 960	506	3 562	142	116	26
	1955	16	841	319	3 325	96	81	15
	1954	15	757	276	3 496	79	66	13
	1953	14	746	263	3 063	86	62	24
	1952	13	710	235	2 951	83	65	18
Miscellaneous Manu- facturing Industries	1956	54	5 934	1 818	2 814	646	425	221
	1955	47	4 888	1 392	2 429	573	370	203
	1954	42	2 949	902	1 610	560	236	324
	1953	40	4 556	1 142	1 948	586	329	257
	1952	35	4 113	947	1 824	519	290	229
Not Elsewhere Shown	1952	6	1 583	409	2 604	157	126	31
Androscoggin	1956	219	171 229	46 203	2 855	16 210	8 743	7 467
	1955	188	158 506	43 265	2 710	15 968	8 720	7 248
	1954	191	137 450	38 646	2 593	14 902	8 016	6 886

APPENDIX E - Comparative Data by Major Industry and County, 1952-56 (continued)

Type of Industry or County	Year	Number of Reporting Establish- ments	Value of Product (000's) \$	Gross Wages Paid (000's) \$	Average Annual Earnings \$	Total	Male	Female
Androscoggin (cont'd)	1953	194	141 086	42 080	2 607	16 141	8 898	7 243
	1952	178	134 647	40 174	2 564	15 671	8 622	7 049
Aroostook	1956	142	72 580	11 298	3 491	3 236	2 645	591
	1955	135	61 618	9 202	3 401	2 705	2 187	518
	1954	106	53 185	7 215	2 842	2 539	2 020	519
	1953	98	53 788	7 344	2 660	2 761	2 175	586
	1952	98	48 116	6 516	1 690	3 855	3 031	824
Cumberland	1956	346	224 473	51 734	3 488	14 833	10 102	4 731
	1955	327	203 355	48 447	3 304	14 662	9 992	4 670
	1954	323	197 975	47 573	2 901	16 397	11 016	5 381
	1953	315	196 761	47 090	2 986	15 768	10 148	5 620
	1952	296	181 915	43 664	2 677	16 310	10 684	5 626
Franklin	1956	81	44 462	11 673	2 904	4 018	2 870	1 148
	1955	77	33 248	8 001	2 840	2 817	2 273	544
	1954	61	25 407	7 869	2 560	3 074	2 340	734
	1953	62	34 200	8 874	2 711	3 237	2 558	679
	1952	74	37 294	9 763	2 285	4 272	3 246	1 026
Hancock	1956	76	27 348	6 212	3 633	1 710	1 331	379
	1955	70	23 432	6 148	3 513	1 750	1 431	319
	1954	64	23 396	5 596	2 246	2 492	1 617	875
	1953	63	22 299	5 176	2 162	2 394	1 649	745
	1952	63	22 057	5 227	2 007	2 605	1 723	882
Kennebec	1956	131	159 081	33 053	3 332	9 920	6 279	3 641
	1955	123	142 800	35 274	3 238	10 895	7 109	3 786
	1954	114	126 003	30 905	2 899	10 660	6 748	3 912
	1953	117	131 059	32 608	2 806	11 621	7 393	4 228
	1952	111	127 266	32 292	2 739	11 791	7 500	4 291
Knox	1956	108	27 577	6 744	2 958	2 281	1 514	767
	1955	93	33 909	6 489	2 800	2 318	1 498	820
	1954	105	29 795	6 479	2 013	3 218	1 774	1 444
	1953	85	25 103	5 760	1 812	3 178	1 696	1 482
	1952	88	24 604	5 436	1 642	3 310	1 899	1 411
Lincoln	1956	61	10 996	3 582	3 195	1 121	780	341
	1955	57	11 410	3 200	2 960	1 081	817	264
	1954	55	6 940	1 827	2 046	893	513	380
	1953	59	7 804	2 853	2 577	1 107	815	292
	1952	55	8 585	2 717	2 040	1 332	981	351
Oxford	1956	158	96 734	28 849	3 708	7 780	6 029	1 751
	1955	146	86 182	22 893	3 194	7 167	5 510	1 657
	1954	116	74 015	21 821	3 134	6 962	5 154	1 808
	1953	147	87 941	24 210	2 915	8 305	6 271	2 034
	1952	130	46 285	12 996	2 254	5 766	4 075	1 691
Penobscot	1956	225	207 820	45 176	3 717	12 153	9 909	2 244
	1955	194	186 998	43 103	3 495	12 334	10 013	2 321
	1954	174	146 548	34 549	2 979	11 598	9 270	2 328
	1953	182	146 856	36 428	2 948	12 355	10 047	2 308
	1952	179	156 951	37 700	2 810	13 415	10 970	2 445
Piscataquis	1956	53	16 518	5 054	3 064	1 650	1 237	413
	1955	57	15 830	4 524	2 664	1 698	1 306	392
	1954	38	12 042	3 816	2 178	1 752	1 418	334
	1953	35	12 799	4 547	2 703	1 682	1 254	428
	1952	38	19 749	5 418	2 436	2 224	1 760	464
Sagadahoc	1956	37	61 766	16 959	4 411	3 845	3 348	497
	1955	32	56 034	15 459	3 904	3 960	3 522	438
	1954	37	59 582	13 946	3 675	3 795	3 274	521
	1953	36	57 436	16 974	3 700	4 588	4 030	558
	1952	34	59 233	17 099	3 230	5 294	4 708	586
Somerset	1956	136	62 547	23 152	3 279	7 090	5 034	2 056
	1955	126	60 561	20 585	2 864	7 186	4 968	2 218

APPENDIX E - Comparative Data by Major Industry and County, 1952-56 (continued)

Type of Industry or County	Year	Number of Reporting Establish- ments	Value of Product (000's) \$	Gross Wages Paid (000's) \$	Average Annual Earnings \$	Employment		
						Total	Male	Female
Somerset (cont'd)	1954	108	54 548	15 157	2 400	6 315	4 274	2 041
	1953	97	47 278	14 451	2 531	5 709	3 797	1 912
	1952	104	57 608	16 290	2 383	6 836	4 619	2 217
Waldo	1956	64	32 918	5 001	2 768	1 807	1 197	610
	1955	67	29 464	3 856	2 557	1 508	965	543
	1954	63	22 220	2 774	2 239	1 239	825	414
	1953	59	19 252	3 135	1 878	1 669	1 056	613
	1952	58	20 920	3 025	1 714	1 765	1 060	705
Washington	1956	109	43 171	8 883	2 803	3 167	2 076	1 091
	1955	106	37 474	7 762	2 528	3 070	2 015	1 055
	1954	114	42 420	8 068	1 598	5 049	2 732	2 317
	1953	119	34 316	8 013	1 486	5 393	2 861	2 532
	1952	118	43 545	10 121	1 529	6 618	3 539	3 079
York 1/	1956	160	131 709	69 622	3 760	18 519	13 851	4 668
	1955	138	104 291	65 593	3 510	18 690	14 009	4 681
	1954	133	127 251	71 016	3 587	19 798	14 930	4 868
	1953	130	151 213	84 495	3 482	24 226	18 415	5 811
	1952	140	139 730	87 821	3 467	25 333	19 798	5 535

1/ Includes Portsmouth Naval Shipyard, except Value of Product.

APPENDIX F - Investment in Plant Modernization and Expansion, Maine Manufacturers

This is a tabulation of the values reported by Maine manufacturing establishments representing the amounts spent to expand or modernize their physical plant and/or the machinery and equipment therein.

The values are those reported by the individual firms or establishments and are classified according to industry, county, and size of establishment.

Certain values, however, must be used with care. The most questionable figure is that under lumber and wood products, which is separated into two groups: sawmills and logging establishments and wood products. The reason for this is the fact that the former group relocate and establish new mills and camps or purchase equipment on a basis that is not comparable to the more stationary type of industry, hence the separation so that the values for that group may be pulled out if desired.

Item	Amounts Spent (000's omitted)		
	1945-54 \$	1955 \$	1956 \$
<u>GRAND TOTAL</u>	<u>281 757</u>	<u>55 959</u>	<u>62 908</u>
Food and Kindred Products	24 931	3 757	5 418
Textile Mill Products	39 289	3 282	3 123
Apparel	429	160	623
Lumber and Wood Products	9 971	3 248	5 662 2/
Furniture and Fixtures	713	172	134
Paper and Allied Products	157 548	33 540	28 460
Printing and Publishing, etc.	3 002	862	426
Chemicals	2 639	381	4 766
Petroleum and Rubber Products	308	44	67
Leather and Leather Products	8 406	4 085	2 499
Stone, Clay, and Glass Products	3 765	453	767
Primary Metal Industries	1 106	160	227
Fabricated Metal Products	3 658	462	1 538
Non-Electric Machinery and Ordnance	14 632	1 711	1 848
Electrical Machinery	925	88	441
Transportation Equipment 1/	9 940	3 377	6 652
"Scientific Instruments"	49	9	106
Miscellaneous Manufacturing	446	168	151

APPENDIX F - Investment in Plant Modernization and Expansion, Maine Manufacturers (continued)

Item	Amounts Spent (000's omitted)		
	1945-54	1955	1956
	\$	\$	\$
Androscoggin County	21 910	2 511	3 270
Aroostook County	16 376	2 207	3 466
Cumberland County	43 665	3 747	5 392
Franklin County	4 508	1 232	965
Hancock County	9 852	346	1 296
Kennebec County	26 973	12 282	5 131
Knox County	7 483	630	844
Lincoln County	1 014	2 484	99
Oxford County	31 518	3 806	5 363
Penobscot County	70 563	16 873	11 929
Piscataquis County	2 050	367	635
Sagadahoc County	6 038	1 368	2 375
Somerset County	4 347	1 656	2 631
Waldo County	1 215	401	4 816
Washington County	8 724	2 044	7 527
York County 1/	25 521	4 005	7 169

(Establishments Employing)

0 - 50	22 157	5 785	6 492
51 - 100	12 847	2 104	2 378
101 - 250	22 227	3 882	8 254
251 - 500	23 975	4 331	4 668
501 - 1000	75 194	19 325	18 784
1001 and over 1/	68 869	14 525	15 771
Combined Reporting	56 488	6 007	6 561

1/ Includes Portsmouth Naval Shipyard

2/ Includes \$3,990,000 for logging and sawmill establishments.

APPENDIX G - Number of Workers under a Union Contract

Each year, in order to ascertain the extent of union organization in Maine manufacturing plants, the Census report asks for the number of workers covered by a labor-management contract. The figure furnished represents only one pay period (usually the final period of the year), while the comparative figure of total employment is the average for the year. 1955 and 1956 figures are shown below; the 1957 data will be found in the main body of this report.

Item	1955		1956	
	Total Employment	Number Organized	Total Employment	Number Organized
<u>GRAND TOTAL</u>	<u>107 809</u>	<u>46 887</u>	<u>109 340</u>	<u>47 346</u>
Food and Kindred Products	9 416	980	10 198	1 308
Textile Mill Products	18 118	12 254	17 286	10 997
Apparel	2 214	1 059	2 445	1 100
Lumber and Wood Products	15 347	1 766	16 727	2 361
Furniture and Fixtures	733	43	783	77
Paper and Allied Products	17 939	12 448	17 421	12 491
Printing and Publishing, etc.	1 863	611	1 938	548
Chemicals	659	72	732	74
Petroleum and Rubber Products	136	None	151	None
Leather and Leather Products	21 179	4 984	21 266	4 846
Stone, Clay, and Glass Products	892	589	903	526
Primary Metal Industries	268	171	251	148
Fabricated Metal Products	1 988	1 049	2 471	1 354
Non-Electrical Machinery	4 384	2 667	4 344	2 455
Electrical Machinery	568	None	727	None
Transportation Equipment 1/	11 346	8 194	10 909	9 061
"Scientific Instruments"	96	None	142	None
Miscellaneous Manufacturing	573	None	646	None
Androscoggin County	15 968	8 478	16 183	8 420
Aroostook County	2 705	918	3 236	945
Cumberland County	14 662	3 279	14 833	3 191

APPENDIX G - Number of Workers under a Union Contract (continued)

Item	1955		1956	
	Total Employment	Number Organized	Total Employment	Number Organized
Franklin County	2 817	758	4 020	845
Hancock County	1 750	737	1 710	727
Kennebec County	10 895	7 036	9 920	5 891
Knox County	2 318	771	2 280	785
Lincoln County	1 081	6	1 121	80
Oxford County	7 167	2 721	7 780	3 565
Penobscot County	12 334	5 350	12 153	5 518
Piscataquis County	1 698	386	1 650	378
Sagadahoc County	3 960	2 484	3 845	2 419
Somerset County	7 186	1 097	7 060	1 147
Waldo County	1 508	212	1 807	370
Washington County	3 070	620	3 169	586
York County 1/	18 690	12 034	18 519	12 479
(Establishments Employing)				
0 - 50	13 604	694	13 865	771
51 - 100	7 614	1 519	8 717	1 535
101 - 250	13 978	4 776	15 427	5 048
251 - 500	18 772	8 363	19 209	7 212
501 - 1000	11 406	6 346	13 249	8 847
1001 and over 1/	21 572	15 728	21 349	17 154
Combined Reporting	18 613	8 044	15 763	5 371
Did not operate or discontinued during year	1 469	1 417	1 707	1 408

1/ Includes Portsmouth Naval Shipyard.

APPENDIX H - Trends in Major Maine Industries, 1949-56

The fluctuations in product values in Maine's five major industry groups: paper, leather, food, lumber, and textiles have aroused considerable interest among economists and other students of the economy. In order to facilitate analysis by those interested in such data we are presenting here a tabular picture of those industrial groups, both the raw data and adjusted data are included. The applicable Wholesale Price Index (U. S. Department of Labor, Bureau of Labor Statistics, 1947-49 equals 100) is used for deflation by industry groups. Wage data is adjusted by the reciprocal series, Purchasing Power Of The Dollar.

The data are here presented for the years 1949 through 1956; 1957 data is shown in the main body of this report.

Item	1949	1950	1951	1952	1953	1954	1955	1956
Raw Value of Product (in millions of dollars)								
All Manufacturing	844.0	948.9	1195.5	1128.5	1169.2	1138.8	1245.1	1390.9
Paper	206.1	236.7	299.0	248.1	285.2	292.7	334.6	395.6
Leather	114.0	129.6	141.9	146.8	143.7	148.8	168.5	180.6
Food	104.5	119.6	147.4	145.6	145.0	153.5	167.6	191.4
Lumber	62.8	75.2	117.6	127.2	126.7	110.0	136.2	144.7
Textiles	209.4	241.8	318.1	273.4	256.4	219.8	217.0	214.7
Deflated Value of Product (in millions of dollars)								
All Manufacturing	850.8	920.4	1041.4	1011.2	1061.9	1032.5	1124.8	1216.9
Paper	209.2	234.6	250.0	213.0	245.7	251.7	280.5	311.0
Leather	117.6	123.9	118.0	151.0	145.9	158.0	179.6	181.9
Food	109.2	119.8	132.3	133.8	138.6	145.8	164.8	188.2
Lumber	63.3	66.0	94.9	105.7	105.4	93.2	110.2	115.4
Textiles	219.3	243.8	287.6	273.9	263.5	230.9	227.7	225.3
Raw Gross Wages Paid (in millions of dollars)								
All Manufacturing	241.0	259.3	328.4	336.3	344.0	317.3	343.8	373.2
Paper	48.1	53.4	62.8	54.2	64.6	67.8	76.6	81.3
Leather	33.3	37.4	40.0	43.8	44.0	44.4	51.8	57.3
Food	18.6	19.7	20.8	21.6	22.9	23.7	24.6	27.9
Lumber	19.7	23.2	41.1	42.6	39.8	31.9	43.3	49.4
Textiles	62.5	68.8	75.5	70.9	71.5	57.9	52.9	53.3

APPENDIX H - Trends in Major Maine Industries, 1949-56 (continued)

Item	1949	1950	1951	1952	1953	1954	1955	1956
Deflated Gross Wages Paid (in millions of dollars)								
All Manufacturing	242.9	251.5	286.0	301.3	312.4	287.8	310.5	326.6
Paper	48.5	51.8	54.7	48.6	58.7	61.5	69.2	71.1
Leather	33.6	36.3	34.8	39.2	40.0	40.3	46.8	50.1
Food	18.7	19.1	18.1	19.4	20.8	21.5	22.2	24.4
Lumber	19.9	22.5	35.8	38.2	36.1	28.9	39.1	43.2
Textiles	63.0	66.7	65.8	63.5	64.9	52.5	47.8	46.6

Wholesale Price Index and Related Data, 1947-49=100
(U.S. Department of Labor, Bureau of Labor Statistics)

All Commodities	99.2	103.1	114.8	111.6	110.1	110.3	110.7	114.3
Pulp, Paper and Allied Products	98.5	100.9	119.6	116.5	116.1	116.3	119.3	127.2
Hides, Skins, and Leather Products	96.9	104.6	120.3	97.2	98.5	94.2	93.8	99.3
Processed Foods	95.7	99.8	111.4	108.8	104.6	105.3	101.7	101.7
Lumber and Wood Products	99.2	113.9	123.9	120.3	120.2	118.0	123.6	125.4
Textiles and Apparel	95.5	99.2	110.6	99.8	97.3	95.2	95.3	95.3

Estimated Average Employment and Average Gross Wages, All Maine Manufacturing

Employment ^{1/}	105.0	108.4	115.6	115.5	114.3	106.0	106.7	110.1
Raw Average Gross Wages (\$)	2 295	2 392	2 841	2 912	3 010	2 993	3 222	3 415
Deflated Average Gross Wage (\$)	2 313	2 320	2 474	2 609	2 733	2 715	2 910	2 988

^{1/} In order to eliminate any inconsistency resulting from the change in methodology of obtaining the annual average employment instituted in the Census of Maine Manufactures in 1955, we have used the Estimates of Non-agricultural Employment, Manufacturing, made by the Maine Employment Security Commission and the (U.S.) Bureau of Labor Statistics.

NOTE: The purchasing power of dollar used to deflate the wage data is equivalent to the reciprocal of the All Commodities index. For the years 1949-56, the purchasing power index is 100.8, 97.0, 87.1, 89.6, 90.8, 90.7, 90.3, and 87.5, respectively.

APPENDIX I - Percent Changes 1956 to 1957 and Percentage Distribution 1957 (See Tables A, B, C and Appendix E)

	PERCENTAGE DISTRIBUTION 1957				PERCENT CHANGE 1956 to 1957				
	Value of Product	Gross Wages Paid	Number of Workers	Number Reporting	Value of Product	Gross Wages Paid	Number of Workers	Number Reporting	Average Gross Wage
All Manufacturing	100.0	100.0	100.0	100.0	- 1.2	- 0.4	- 4.2	3.8	1.1
Food	15.0	7.6	9.0	14.5	7.7	1.7	- 7.1	- 0.9	9.5
Textiles	14.6	13.3	14.9	3.6	- 6.3	- 7.4	- 9.5	2.6	2.3
Apparel	1.1	1.6	2.6	2.7	-41.6	8.3	6.5	none	1.6
Lumber and Wood	9.8	11.4	13.3	43.0	- 6.6	-14.3	-16.7	2.2	2.7
Furniture	0.6	0.7	0.8	2.2	8.8	7.3	1.5	- 2.0	5.7
Paper	27.8	22.2	16.7	2.3	- 4.5	1.4	0.7	8.5	0.8
Printing	1.5	2.0	1.9	7.1	10.2	9.4	5.1	6.9	4.0
Chemicals	1.2	0.7	0.7	2.2	- 8.0	13.8	2.3	2.1	11.2
Petroleum & Coal Prod.	0.1	/A	/A	0.2	18.5	30.3	75.0	none	-25.8
Rubber	0.1	0.1	0.1	0.3	2.0	- 4.3	- 7.0	none	2.8
Leather	14.3	16.0	20.0	5.8	9.2	3.7	- 1.3	0.8	4.9
Stone, Clay, Glass	0.9	0.9	0.8	2.5	- 1.3	- 8.9	- 7.2	8.0	- 1.8
Primary Metals	0.2	0.2	0.2	0.5	-11.8	- 8.8	-15.1	-16.7	7.5
Fabricated Metals	3.0	2.4	2.1	3.1	- 7.8	-12.4	-10.0	13.3	- 2.7
Machinery, Ordnance	3.0	4.8	3.9	2.3	-20.2	- 1.3	- 7.6	38.9	6.8
Electrical Machinery	0.9	0.8	0.9	0.3	9.3	30.3	26.3	-75.0	3.2
Transportation Equip.	5.1	14.5	11.2	3.9	13.4	9.5	5.8	25.0	3.5

APPENDIX I: Percent Changes 1956 to 1957 and Percentage Distribution 1957 (continued)

	PERCENTAGE DISTRIBUTION 1957				PERCENT CHANGE 1956 to 1957				
	Value of Product	Gross Wages Paid	Number of Workers	Number Reporting	Value of Product	Gross Wages Paid	Number of Workers	Number Reporting	Average Gross Wage
Instruments	0.1	0.1	0.1	0.8	- 4.9	7.7	9.9	5.9	- 1.9
Misc. Manuf'g	0.7	0.7	0.8	2.7	62.2	44.7	36.4	11.1	6.1
Androscoggin	11.6	12.2	14.2	10.1	- 6.8	- 1.4	- 8.5	none	7.6
Aroostook	5.7	3.5	3.3	8.5	8.0	13.7	7.0	30.3	6.2
Cumberland	16.5	14.2	14.0	16.1	0.8	2.3	- 1.2	1.2	3.5
Franklin	3.3	3.3	3.5	3.6	2.9	5.5	- 9.3	- 2.5	16.3
Hancock	2.0	1.6	1.5	3.9	1.1	- 4.3	-10.4	13.2	6.7
Kennebec	11.1	9.1	9.6	6.7	- 4.2	1.9	1.6	12.2	0.3
Knox	2.1	1.7	2.1	5.0	5.1	- 5.4	- 4.7	0.9	- 0.7
Lincoln	0.6	0.6	0.7	3.0	-20.3	-38.5	-38.4	6.6	- 0.2
Oxford	7.1	7.1	7.1	7.0	- 0.7	- 8.9	- 5.1	- 2.5	- 4.0
Penobscot	13.8	11.5	10.4	9.1	- 9.0	- 5.4	-10.0	-11.1	5.0
Piscataquis	1.6	1.7	1.8	2.9	32.5	24.9	14.0	18.9	9.6
Sagadahoc	4.7	4.6	3.8	1.5	4.4	1.9	4.1	-10.8	- 2.0
Somerset	5.5	5.5	5.9	7.5	21.6	-12.0	-11.1	21.3	- 1.5
Waldo	2.6	1.4	1.8	3.1	8.2	4.7	2.6	6.3	2.1
Washington	3.2	2.3	2.7	5.3	3.3	- 3.6	-11.2	6.4	8.7
York	8.6	19.7	17.6	6.7	-10.1	5.2	- 0.3	- 8.1	5.5
(Establishments Employing)									
0 to 25	6.7	6.3	8.0	58.9	3.6	9.1	4.1	8.6	4.7
26 to 50	6.1	4.6	5.7	7.6	8.4	3.6	6.4	7.1	- 2.7
51 to 75	4.1	3.3	3.8	3.0	- 9.9	-15.2	-19.0	-21.7	4.9
76 to 100	2.7	2.6	3.0	1.6	12.1	3.6	-12.4	-12.2	18.3
101 to 150	5.5	4.5	5.2	2.0	31.2	27.8	19.3	18.9	7.1
151 to 200	4.7	4.5	4.7	1.3	- 9.9	0.3	- 0.5	none	0.8
201 to 250	6.5	4.9	5.8	1.2	7.9	2.9	3.0	none	- 0.1
251 to 300	4.4	3.8	4.2	0.7	14.9	8.5	5.3	6.7	2.8
301 to 350	2.4	2.3	2.6	0.4	13.7	19.0	14.7	14.3	3.7
351 to 400	2.0	1.7	2.1	0.3	-31.2	-47.4	-41.7	-40.0	- 9.8
401 to 500	8.4	8.3	8.9	1.0	15.6	8.9	4.8	10.0	4.0
501 to 700	7.6	6.9	6.2	0.5	- 4.0	13.6	4.4	none	8.9
701 to 1000	9.0	6.6	5.6	0.3	-10.7	- 8.4	-15.8	-12.5	8.9
1001 to 1500	5.7	4.8	3.6	0.2	-17.4	-14.9	-26.8	-20.0	16.2
1501 and over	9.9	19.9	16.2	0.3	- 5.1	6.3	4.7	16.7	1.6
Combined Rep'ting	12.9	13.5	12.6	12.4	- 6.1	-12.3	-16.2	2.7	4.6
Non-operative, New or Out of Business	1.4	1.5	1.8	8.3	33.5	23.7	9.1	4.6	13.4

A : Less than .05 %

Note: As in other portions of this report, Portsmouth Naval Shipyard is included in the following categories as shown above; Transportation Equipment, York County and Plant Size - 1501 and over.

APPENDIX J - Skill Characteristics of the Employed Manufacturing Work Force, 1957

The intensive industrial development program in the state has resulted in heavy demands for information on the skill requirements of Maine manufacturing establishments. As a beginning step in the fulfillment of the demands, a question covering a rather broad breakdown of skills and occupational groups was included in the 1957 Product and Employment Report. Respondents were requested to distribute their employment of the last pay period in 1957 according to the four categories provided by sex (see Table J-1).

Returns were sampled with 778 reports or 35.6 % of the 2186 total reports received being tabulated. Out of 104,717 total reported employment, approximately 98 thousand or 93.3 % was included in those 778 reports. This survey is not intended nor can it be construed as conclusive in any way. It merely indicates, according to the interpretation of the respondents, the degrees of skill or occupation required to operate a proportion of the Maine manufacturing economy. It should however, be useful in examining broad labor force requirements for the state by region and by industry group.

APPENDIX J - Skill Characteristic of the Employed Manufacturing Work Force, 1957 (continued)

Table J-1 Distribution of Employment in the 778 Reporting Establishments

EMPLOYMENT CLASS AND DESCRIPTION	NUMBER OF WORKERS		TOTAL
	MALE	FEMALE	
A. <u>Executive and Professional</u> (Foremen, managers, officers, engineers, chemists, etc)	6 508	220	6 728
B. <u>Clerical and Technical</u> (Clerks, stenographers, bookkeepers, laboratory technicians, etc.)	2 846	3 449	6 295
C. <u>Skilled and Semi-skilled</u> (Machine operators, machinists, carpenters sawyers, etc)	40 982	21 929	62 911
D. <u>Unskilled</u> (Common labor, sweepers, helpers, etc)	14 916	7 145	22 061
TOTALS	65 252	32 743	97 955

Table J-2 Distribution of Employment in the 778 Reporting Establishments by County, Industry, and Plant Size. Percent of reported totals.

	Number of Reported Workers ^{/a} (100.0%)	Percent of Total Reported Workers by Class. (see Table J-1 for key)			
		A	B	C	D
State Total	97 955	6.9	6.4	64.2	22.5
Androscoggin	13 119	6.0	5.2	75.6	13.2
Cumberland	13 195	7.7	8.7	62.0	21.6
Kennebec	8 801	6.7	5.4	71.7	16.2
Penobscot	9 321	7.1	10.3	63.6	19.0
York	13 848	11.0	8.7	66.0	14.3
Other Counties	39 671	5.4	4.6	59.0	31.0
Food	17 479	3.4	2.1	44.6	49.9
Textiles	13 975	5.5	4.5	71.3	18.7
Lumber & Wood	9 170	7.6	4.9	48.3	43.7
Paper	18 161	7.8	8.5	66.9	16.8
Leather.	17 200	5.5	4.8	83.9	5.8
Metals, Machinery, Ordnance	4 445	11.0	9.6	51.5	27.9
Transportation Equipment	11 653	11.3	11.6	64.5	12.6
Other Industries	5 872	8.5	11.1	72.3	8.1
(Employment)					
0 to 50	10 444	9.8	6.3	45.3	38.6
51 to 100	5 611	8.0	5.9	60.6	25.5
101 to 250	14 623	7.4	5.8	65.5	21.3
251 to 500	16 421	5.3	6.6	70.4	17.7
All Others	50 896	6.5	6.7	66.0	20.8

^{/a} Employment data in this survey is for the last pay period in 1957 and may, therefore exceed the 12 month averages shown in the main body of this report.

APPENDIX K - Processing Water Use and Volume of Rail and Highway Transportation, Maine Manufacturing Establishments (Optional Supplemental Schedule, 1957 Product and Employment Report)

As a result of further requests for information by the Department of Economic Development and others, a supplemental questionnaire was included with the 1957 Product and Employment Report (see below), on which returns were effected from 356 out of the total 2186 reporters in 1957. These 356 produced about 47.6 % of the 1.37 billion dollar total manufactured rproduct.

Questions submitted:

I. Water Use (Do not include water used to generate hydro-electrical or hydro-mechanical power.)

A. Is water used in the manufacture of your product as an integral part of processing ?

B. If yes, does that use require strict quality specifications ?

C. What is your average consumption in gallons per day ?

II. Transportation Use

What volume of material in dollars leaving your plant is carried by the following: Truck, Rail, Water and Air ?

APPENDIX K - Processing Water Use and Volume of Rail and Highway Transportation (continued)

The first category, water, has been the subject of several governmental agencies' investigative studies, e.g., the NENYIAC. This study was based on processing water only and has no relation to water used for waste disposal per se. Of the 356 replies, 216 or 60.7% indicated no processing water used while 65 (18.3%) reported some 45 million gallons used daily with no quality requirements. The remaining 75 (21.0%) used water with strict quality specifications totaling 170 million gallons per day.

The second study area was the proportion of product, measured by dollar volume, transported by rail and by highway. Limitations of the data furnished forced the use of these two items rather than the four provided in the original question. Net differences between totals and the amounts taken by rail and highway may be accounted for by the other means of transportation including such things as parcel post which was included in neither rail nor highway. Tabulation of the returns revealed that 274 million dollars of product (42.0% of the 654 million dollars manufactured by the establishments reporting in this survey) was moved over the highways in company owned and common carrier trucks. Rail shipments accounted for 194 million dollars or 29.6% of the total, leaving a balance of 28.4% not accounted for.

Neither of the foregoing studies infer adequate representation for projection to the entire economy. They, like other studies made by the Division, are beginning steps taken to define problems (if they exist) and serve only as a base for further investigation.

TABLE K-1: Water Use by Selected Industry and County

	COVERAGE--		PROCESSING WATER USED--				
	Number Reporting	Value of Product (Millions)	None: Number Reporting	No Quality Number Reporting	Specified: Daily Gallons (Thousands)	Quality Required: Number Reporting	Quality Required: Daily Gallons (Thousands)
TOTAL	356	654	216	65	45 425	75	170 365
Food	83	96	8	26	2 818	49	5 043
Textiles & Apparel	39	82	17	13	1 878	9	4 304
Paper	20	298	5	4	38 000	11	158 210
Leather	23	55	18	3	506	2	2 700
Others	191	123	168	19	2 223	4	108
Androscoggin	31	42	21	4	575	6	2 276
Aroostook	31	17	14	8	984	9	2 521
Cumberland	64	117	40	15	1 028	9	36 630
Kennebec	32	107	15	6	37 330	11	10 924
Penobscot	37	203	20	4	751	13	85 767
Somerset	25	25	17	3	1 037	5	3 680
York	30	26	20	5	1 140	5	226
Others	106	117	69	20	2 580	17	28 341

TABLE K-2: Volume of Rail and Highway Transportation of Maine Manufactured Products, 1957

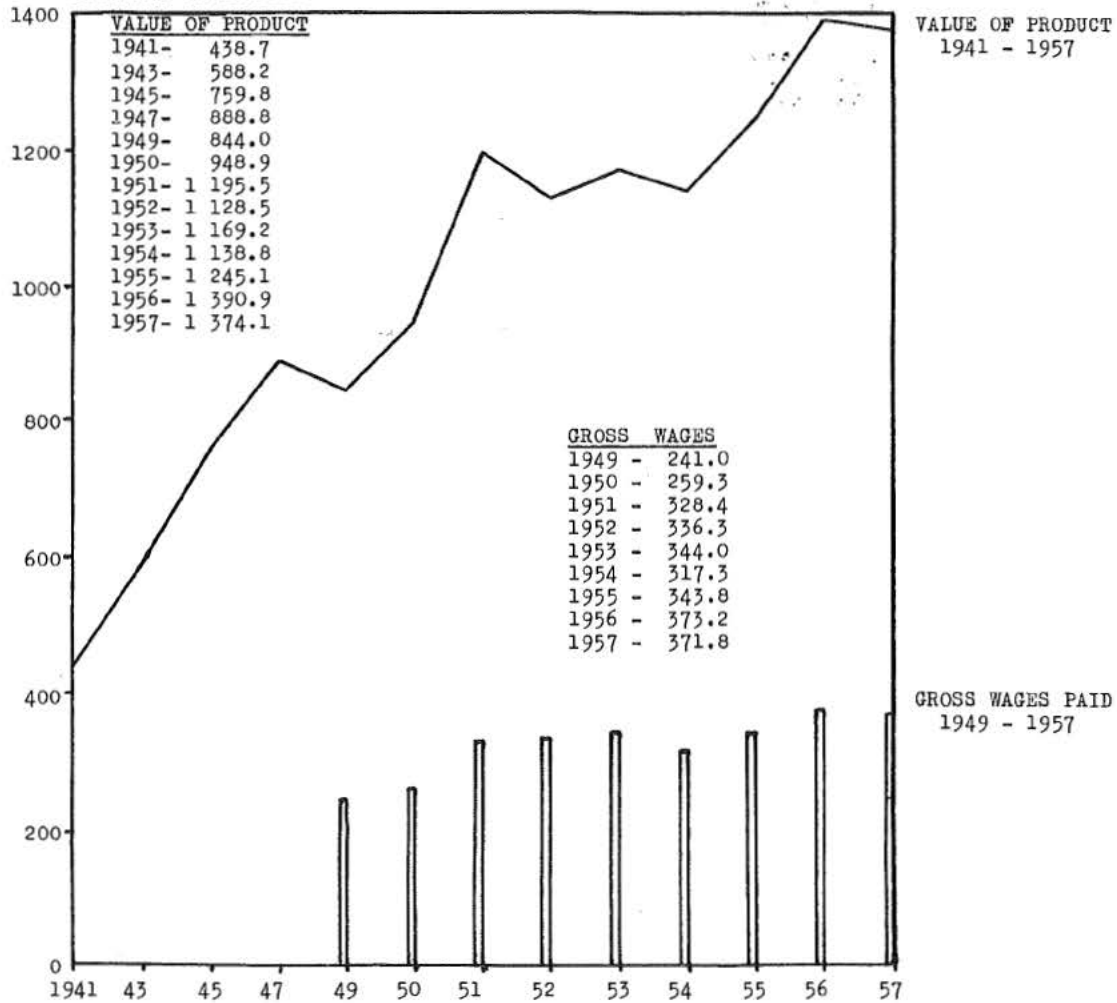
	Number Reporting	Total Value of Product (000's)	Percent by Truck	Percent by Rail
TOTAL	356	654 312	42.0	29.6
Food	83	96 146	61.1	27.5
Textiles and Apparel	39	82 015	80.3	9.2
Lumber and Furniture	112	58 407	33.3	45.5
Paper	20	297 545	16.0	38.6
Chemicals	12	8 005	78.1	28.1
Leather	23	55 354	83.4	.6
Metals & Machinery	34	31 084	60.5	24.2
Transportation Equip.	8	13 208	45.6	24.4
Others	25	12 548	38.5	56.8

APPENDIX K - Processing Water Use and Volume of Rail and Highway Transportation (continued)

TABLE K-2 (continued)

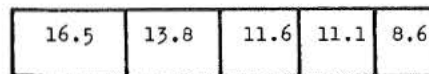
	<u>Number Reporting</u>	<u>Total Value of Product (000's)</u>	<u>Percent by Truck</u>	<u>Percent by Rail</u>
Androscoggin	31	41 612	77.1	6.9
Aroostook	31	17 255	30.0	61.4
Cumberland	64	116 741	70.4	23.2
Kennebec	32	107 232	34.5	21.6
Penobscot	37	203 054	16.5	45.7
Somerset	25	25 322	61.9	14.5
Washington	20	12 264	60.5	35.9
York	30	26 402	86.5	7.1
Others	85	104 430	37.2	26.4

Millions of Dollars

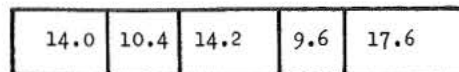
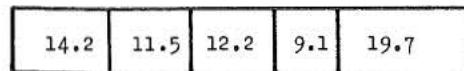


VALUE OF PRODUCT, GROSS WAGES PAID AND EMPLOYMENT IN 1957 BY MAJOR COUNTY AND INDUSTRY

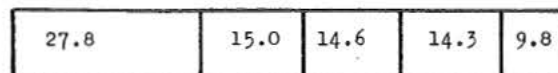
PERCENT OF STATE TOTAL
0 20 40 60 80 100



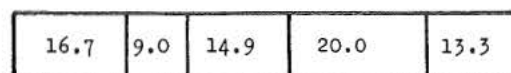
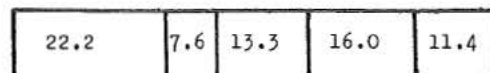
Five Major Counties



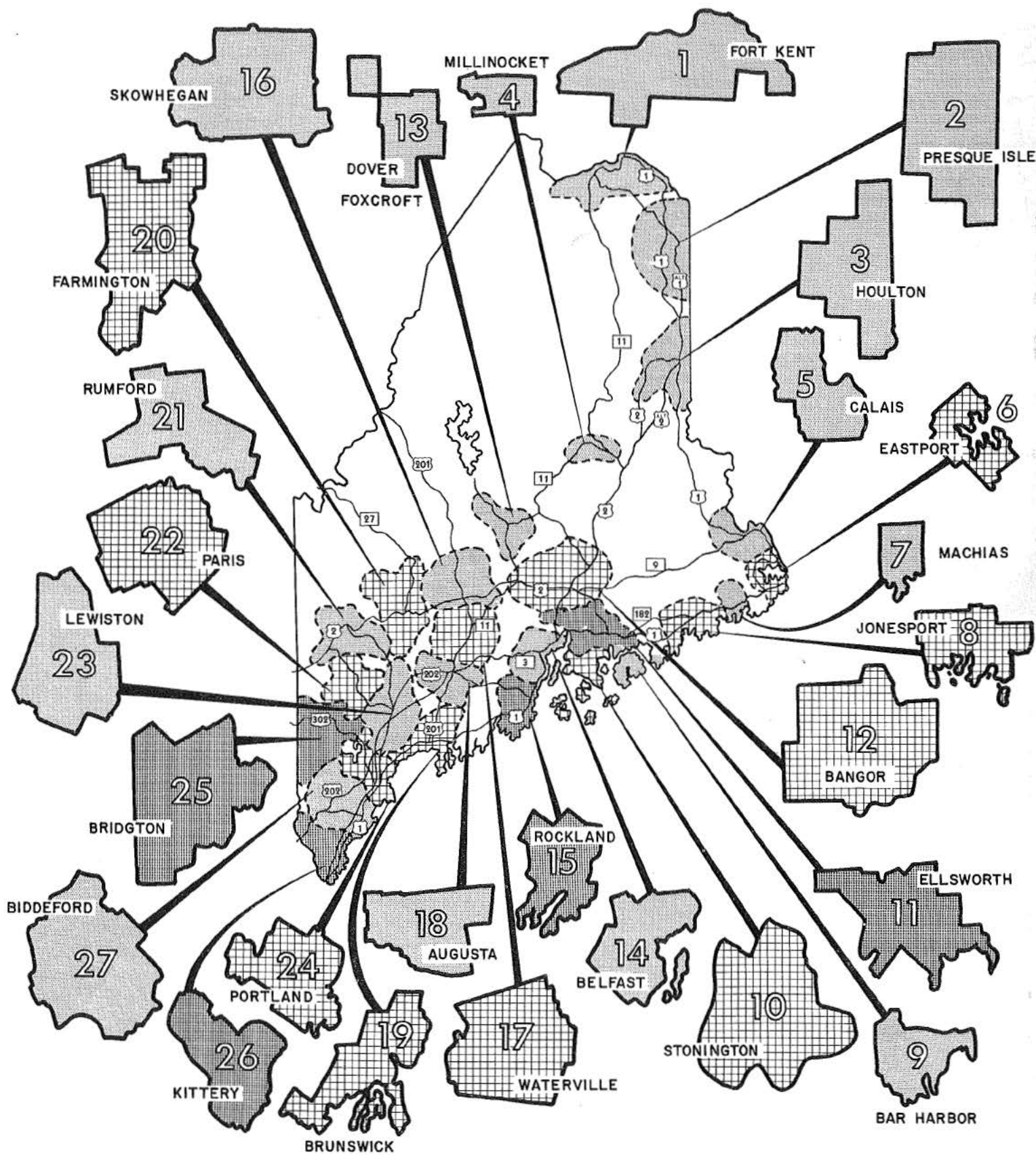
Cumberland
Penobscot
Androscoggin
Kennebec
York



Five Major Industries



Paper
Food
Textiles
Leather
Lumber



MAINE ECONOMIC AREAS