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# Labor Market Digest, November 1982

Maine Bureau of Employment Security

Maine Division of Manpower Research

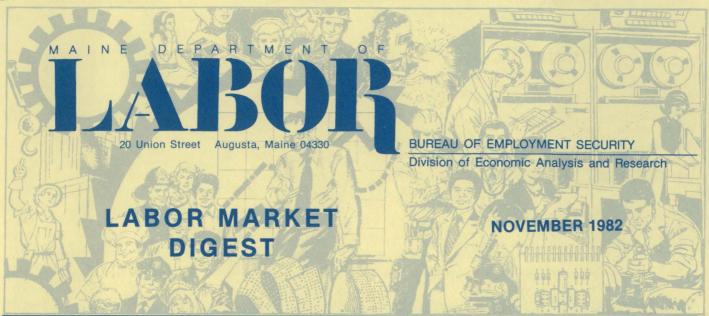
Maine Labor Market Research

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A Labor Market Information Newsletter on Maine Economic Activity

#### Message from Commissioner Malloy ...

AVERAGES FOR THE FIRST ELEVEN MONTHS OF 1982 INDICATE A MAINE UNEMPLOYMENT RATE OF 8.4 PERCENT AND A NATIONAL RATE OF 9.6 PERCENT, IN 1981, MAINE'S UNEMPLOYMENT RATE WAS BELOW THE NATIONAL AVERAGE FOR THE FIRST TIME IN TWENTY-FIVE YEARS AND IT NOW APPEARS CERTAIN WE WILL CONTINUE BELOW THE NATIONAL AVERAGE FOR THE SECOND CONSECUTIVE YEAR.

BETWEEN NOVEMBER 1981 AND NOVEMBER 1982 TOTAL NONFARM EMPLOYMENT DECLINED BY 2.5 PERCENT NATIONALLY AND BY 1.1 PERCENT IN MAINE. THE RECESSION HAS HIT PARTICULARLY HARD THE DURABLE GOODS MANUFACTURING INDUSTRIES OF TRANSPORTATION EQUIPMENT AND PRIMARY METALS, AS WELL AS MINING AND CONSTRUCTION. MAINE HAS NOT EXPERIENCED LOSSES IN THESE INDUSTRIES TO THE EXTENT THAT THE NATION HAS, NOR HAS THE STATE EXPERIENCED THE INDIRECT IMPACT OF THESE LOSSES ON THE LOCAL ECONOMY.

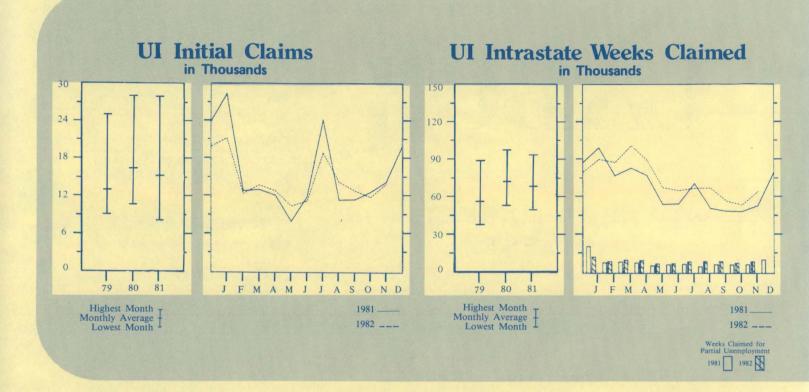
BETWEEN NOVEMBER 1981 AND NOVEMBER 1982, THE NATION EXPERIENCED AN EMPLOYMENT LOSS OF 194,400, OR 10.5 PERCENT, IN THE TRANSPORTATION EQUIPMENT INDUSTRY. DURING THIS TIME PERIOD, MAINE EXPERIENCED AN EMPLOYMENT GAIN IN THIS INDUSTRY OF 1,600, OR 17.8 PERCENT.

THE NATION HAS EXPERIENCED AN EMPLOYMENT LOSS OF 270,800, OR 25.1 PERCENT IN THE PRIMARY METALS INDUSTRY BETWEEN NOVEMBER 1981 AND NOVEMBER 1982. THE IMPACT ON MAINE'S ECONOMY IS NEGLIGIBLE AS THERE ARE ABOUT 300 PEOPLE EMPLOYED IN THIS INDUSTRY STATEWIDE.

NATIONWIDE, THE MINING INDUSTRY HAS LOST 151,000 JOBS BETWEEN NOVEMBER 1981 AND NOVEMBER 1982. AS IN THE CASE OF PRIMARY METALS, THIS INDUSTRY DOES NOT HAVE SIGNIFICANT EMPLOYMENT IN MAINE.

IN SUMMARY, WE EXPECT THAT 1982 WILL MARK THE SECOND STRAIGHT YEAR THAT MAINE'S ANNUAL AVERAGE UNEMPLOYMENT RATE REMAINS BELOW THE NATIONAL RATE. WHILE PART OF THE REASON IS THAT WE LACK SOME OF THE INDUSTRIES WHICH HAVE BEEN PARTICULARLY HARD HIT BY THE NATIONAL ECONOMIC DOWNTURN, THERE ARE OTHER MORE FAVORABLE REASONS. SINCE THE 1974-1975 RECESSION MAINE'S ECONOMIC BASE HAS BECOME STRONGER AND MORE DIVERSIFIED, DUE IN LARGE PART TO GAINS IN DURABLE GOODS MANUFACTURING EMPLOYMENT. THIS HAS ENABLED MAINE TO BETTER WITHSTAND THE RECESSIONARY NATURE OF THE NATIONAL ECONOMY.





#### A LOOK AT THE MAINE JOB MARKET IN 1990

BY 1990 THERE WILL BE OVER 553,000 PERSONS EMPLOYED IN MAINE ACCORDING TO PROJECTIONS MADE BY THE MAINE DEPARTMENT OF LABOR'S DIVISION OF ECONOMIC ANALYSIS AND RESEARCH. THIS REPRESENTS AN INCREASE OF MORE THAN 16 PERCENT OVER THE 1980 EMPLOYMENT LEVEL.

EMPLOYMENT OPPORTUNITIES ARE EXPECTED TO INCREASE IN ALL OF THE NINE MAJOR OCCUPATIONAL CATEGORIES: PROFESSIONAL AND TECHNICAL WORKERS, MANAGERS AND OFFICIALS, SALES WORKERS, CLERICAL WORKERS, CRAFT AND KINDRED WORKERS, OPERATIVES AND OTHER SEMISKILLED WORKERS, SERVICE WORKERS, NONFARM LABORERS, AND FARMERS AND FARM WORKERS. OF THESE NINE CATEGORIES, SERVICE WORKERS SHOW THE LARGEST NET (+16,500) AND PERCENT (+23.2) GROWTH OVER THE DECADE. BY 1990 WORKERS IN SERVICE OCCUPATIONS ARE EXPECTED TO ACCOUNT FOR APPROXIMATELY 15.8 PERCENT OF TOTAL EMPLOYMENT. INCREASED OPPORTUNITIES IN HEALTH SERVICE (+4,500) AND FOOD SERVICE (+5,700) OCCUPATIONS SHOULD ACCOUNT FOR MUCH OF THE GAIN IN THE SERVICE CATEGORY.

THE NUMBER OF PROFESSIONAL AND TECHNICAL WORKERS IS PROJECTED TO GROW FROM 68,400 TO 80,400 BY 1990, A GAIN OF 17.5 PERCENT. EMPLOYMENT OF PROFESSIONAL MEDICAL WORKERS IS EXPECTED TO INCREASE BY 3,000 BETWEEN 1980 AND 1990, WITH ABOVE-AVERAGE GROWTH RATES ALSO RECORDED FOR ENGINEERS, ELECTRICAL AND ELECTRONIC TECHNICIANS, HEALTH TECHNOLOGISTS AND TECHNICIANS, AND COMPUTER SPECIALISTS.

CRAFT AND KINDRED WORKER OCCUPATIONS ARE EXPECTED TO INCREASE BY APPROXIMATELY 11,000, OR 17.9 PERCENT, OVER THE DECADE. WITHIN THIS OCCUPATIONAL CATEGORY, THERE IS WIDESPREAD DEMAND FOR SKILLED WORKERS IN SEVERAL OCCUPATIONS DUE TO ANTICIPATED GROWTH IN THE DURABLE GOODS MANUFACTURING AND CONSTRUCTION INDUSTRIES.

EMPLOYMENT OF CLERICAL WORKERS IS PROJECTED TO REGISTER AN ABOVE-AVERAGE RATE OF GROWTH OF 18.9 PERCENT, REPRESENTING AN ADDITIONAL 13,600 JOBS BY 1990. WHILE MUCH OF THIS GROWTH IS EXPECTED TO BE AMONG THE MORE TRADITIONAL CLERICAL OCCUPATIONS, THERE WILL BE A RAPIDLY GROWING DEMAND FOR COMPUTER EQUIPMENT OPERATORS INCLUDING LARGE AND SMALL COMPUTER OPERATORS, WORD PROCESSING MACHINE OPERATORS, AND OTHER OCCUPATIONS RELATED TO OFFICE AUTOMATION.

(CONTINUED ON PAGE 6)



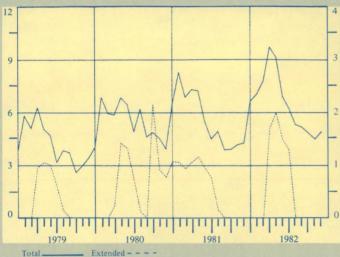
## Selected Employment Security Activities



#### **UI Benefit Payments**

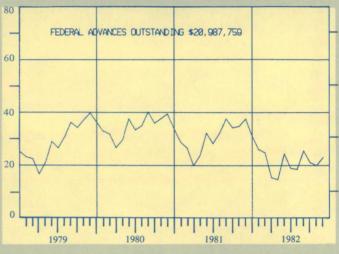
in Million Dollars

(Total Includes Maine's Portion of Extended Benefits)



# Unemployment Compensation Fund Balance in Millions

(End of Month)





# Nonfarm Wage and Salary Employment by Place of Work in Thousands

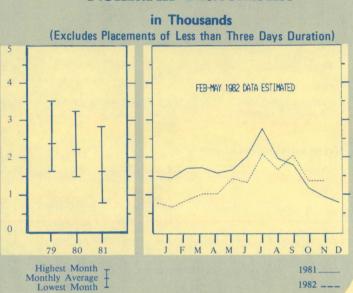
	STATEWIDE			POF	TLAND SM	SA	LEWISTON-AUBURN SMSA			
ITEM	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	
Total Nonfarm Wage and Salary 1/.  Total Manufacturing.  Durable Goods .  Lumber and Wood Products 2/ Metals and Machinery. Other Durable Goods 3/. Nondurable Goods Food and Kindred Products Textile Mill Products Apparel. Paper and Allied Products Leather and Leather Products Footwear (except Rubber) All Other Other Nondurable Goods 4/ Total Nonmanufacturing Contract Construction Transportation and Public Utilities Wholesale and Retail Trade Finance, Insurance, Real Estate Service and Other Nonmanufacturing Government Federal State and Local 5/ Involved in Labor-Management Disputes	409.4 106.4 39.2 11.7 14.4 13.1 67.2 8.6 6.0 4.8 17.9 19.8 (16.6) (3.2) 10.1 303.0 18.0 17.9 86.9 18.0 77.8 84.4 (18.1) (66.3) 0.0	413.3 107.2 39.7 12.1 14.6 13.0 67.5 9.6 6.1 4.8 17.5 19.4 (16.2) 10.0 306.1 18.6 18.2 83.1 18.0 79.3 83.9 (18.0) (65.9)	413.9 110.5 40.9 12.7 16.4 11.8 69.6 8.3 7.7 4.3 18.0 20.5 (17.0) (3.5) 10.3 303.4 17.4 18.1 87.6 17.1 78.1 (13.1) (67.0)	97.4 16.9 5.8 0.4 6.0 0.4 10.1 2.2 n/a n/a 3.5 n/a 4.4 80.5 4.0 5.9 26.9 8.4 22.2 13.1 (1.4) (11.7) 0.0	97.2 17.1 6.9 0.4 6.1 0.4 10.2 2.3 n/a n/a 3.4 n/a 4.5 80.1 4.1 5.9 26.6 8.4 22.0 13.1 (1.4) (11.7)	95.1 17.7 7.6 0.3 6.8 0.5 10.1 2.3 n/a n/a 3.1 n/a 4.7 77.4 3.9 5.6 21.1 13.3 (1.4) (11.9)	33.8 10.7 1.9 0.1 1.5 0.3 8.8 1.0 1.5 0.1 0.6 3.2 (3.0) (0.2) 2.4 23.1 1.3 1.2 8.2 1.7 7.7 3.0 (0.3) (2.7) 0.0	33.8 10.6 1.9 0.1 1.4 0.4 8.7 0.9 1.6 0.1 0.6 3.1 (2.9) (0.2) 2.4 23.2 1.4 1.2 8.2 1.7 7.7 3.0 (0.3) (0.3)	34.5 11.5 2.1 0.1 1.7 0.3 9.4 0.9 0.1 0.6 3.5 (3.3) (0.2) 2.4 23.0 1.3 1.2 8.0 1.7 7.7 7.7 3.1 (0.3)	

1/Employment figures relate to full - and part-time wage and salary workers in pay periods including the 12th of the month. Domestic workers in private households, proprietors, self-employed, and unpaid family workers are excluded. 2/Lumber and wood products, and furniture and fixtures are combined in the Portland series. 3/Includes Standard Industrial Classification (SIC) codes: Statewide - 25, 32, 37, 38; Portland - 32, 37, 38; Lewiston - 25, 32, 37. 4/Includes SIC codes: Statewide - 27, 28, 29, 30, 39; Portland - 22, 23, 26, 27, 28, 29, 30, 39; Lewiston - 23, 27, 28, 29, 30, 39. 5/Regular teachers are included in summer months whether or not specifically paid in those months. n/a - data not available in sufficient detail for publication. \*Less than 50.

## **New Applications For Work**

# in Thousands 10 8 6 4 1 79 80 81 J F M A M J J A S O N D Highest Month Monthly Average Lowest Month 1982 ——

#### **Nonfarm Placements**



# Earnings and Workweek of Production Workers in Manufacturing Industries

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS				RAGE HO	HOURLY EARNING			
AREA AND INDUSTRY	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	1981	1980	1979
STATEWIDE									40.00			
Manufacturing	\$299.41 315.20	\$294.52 318.39	\$278.40	39.5	39.8	40.0	\$7.58	\$7.40 7.94	\$6.96	\$6.66	\$6.00	\$5.42 5.61
Lumber and Wood Products	278.91	273.93	275.62	38.9	38.8	39.6	7.17 7.40	7.06 7.36	6.96	6.52	6.08	5.49
Metals and Machinery Other Durable Goods	286.38 379.89	291.46 393.02	272.92 356.16	38.7	39.6 41.9	39.9	9.38	9.38	8.48	7.98	7.09	6.26
Nondurable Goods	289.93	280.76	267.58	39.5 36.6	39.6 35.6	39.7	7.34	7.09 5.76	6.74 5.83	6.48 5.50	5.85	5.31
Textile Mill Products	218.23	212.31	207.90	38.9	39.1	38.5	5.61	5.43	5.40	5.17	4.79	4.40
Apparel	202.57 488.25	198.15 468.59	203.45	37.1 45.0	37.6 45.1	39.2 45.5	5.46	5.27	9.84	9.27	8.31	7.44
Leather and Leather Products . Other Nondurable Goods	205.15	207.14	189.59	37.3 37.9	37.8	36.6	5.50	5.48	5.18	5.10	4.72 5.23	4.23
PORTLAND SMSA												
Manufacturing	290.67	284.10	258.23	37.7	38.6	38.6	7.71	7.36	6.69	6.49	5.85	5.32
Manufacturing	227.66	229.46	219.62	37.2	38.5	37.8	6.12	5.96	5.81	5.57	5.08	4.66

### Female Labor Force in Maine

in Thousands

ITEM	This	Last **	Year
	Month	Month	Ago
Labor Force *	209.1	212.1	207.9
	15.9	16.4	15.0
	7.6	7.7	7.2
Resident Employed	193.2	195.7	192.9

## **U.S. Consumer Price Index**

BASE PERIOD	This Month	Last Month	Year Ago	Last Dec.
(1967=100) All Items (CPI-U)	293.6	294.1	280.7	281.5
Percent Change for Past Month .			-0	2
Percent Change from Last December			+4	.3
Percent Change from 12 Months				.6

## Labor Force, Employment and Unemployment

in Thousands

AREA_ <u>1</u> /	LA This Month	BOR FORG	CE <u>2/</u> Year Ago	RESI This Month	DENT EMP Last Month	LOYED Year Ago	This Month	MPLOYM Number Last Month		L This	MPLOYM Percent of abor For Last Month	of
MAINE- Statewide	497.9	506.5	500.5	463.0	472.2	465.1	34.9	34.3	35.4	7.0	6.8	7.1
MAJOR LABOR MARKETS												
Bangor-Brewer LMA Biddeford-Sanford LMA Lewiston-Auburn SMSA Portland SMSA	42,700 30,900 36,700 94,400	42,500 30,900 37,000 94,000	44,500 32,200 37,400 92,600	40,400 28,200 34,100 89,500	40,200 28,400 34,200 89,200	41,800 29,900 35,000 87,700	2,300 2,700 2,600 4,900	2,300 2,500 2,800 4,800	2,700 2,300 2,400 4,900	5.4 8.7 7.1 5.2	5.4 8.1 7.6 5.1	6.1 7.1 6.4 5.3
OTHER LABOR MARKETS												
Augusta Bath-Brunswick. Belfast Boothbay Harbor-Wiscasset Calais-Eastport Caribou-Presque Isle. Central Penobscot Dover-Foxcroft Ellsworth Farmington Fort Kent-Allagash Greenville. Houlton. Lincoln-Howland Livermore Falls. Madawaska-Van Buren. Mechanic Falls Millinocket-East Millinocket Patten-Island Falls Rockland Rumford Sebago Lake Region Skowhegan Kittery-York Southwest Penobscot Waterville.	28,320 24,650 9,880 7,280 14,800 18,400 3,470 6,680 18,890 12,220 5,080 1,670 4,510 5,460 5,610 4,280 2,280 5,310 2,220 15,300 19,680 10,120 20,000 18,000 8,160 20,940	28,560 24,660 10,030 7,910 15,090 19,180 3,510 6,730 19,970 12,290 5,680 1,690 5,120 5,620 5,840 4,550 2,440 4,550 2,440 20,380 2,510 10,540 20,340 20,090 8,050 20,720	28,780 22,560 10,310 7,200 14,660 19,730 3,590 6,300 19,040 12,550 4,780 1,640 4,5540 5,510 5,600 4,270 2,150 5,340 2,400 16,070 20,110 10,170 19,190 18,040 7,770 21,510	26,480 23,490 8,890 6,800 13,200 16,410 3,260 6,200 17,710 11,370 4,700 1,580 4,070 5,050 5,110 3,780 2,020 5,080 2,000 13,920 18,100 9,400 18,010 17,300 7,300 19,550	26,540 23,610 9,090 7,490 13,630 17,190 3,290 6,230 19,000 11,480 5,260 1,610 4,670 5,230 5,330 4,070 2,160 2,260 14,740 18,190 19,460 7,190 19,270	26,720 21,360 9,230 6,740 13,140 17,700 3,360 6,010 17,690 11,740 4,250 1,580 4,130 5,190 5,090 3,910 1,850 5,070 2,190 14,740 18,530 9,450 16,630 17,520 6,980 19,860	1,840 1,160 990 480 1,600 1,990 210 480 1,180 850 380 90 440 410 500 260 230 220 1,380 1,580 7,20 1,990 700 860 1,390	2,020 1,050 940 420 1,460 1,990 220 500 970 810 420 80 450 390 510 480 280 240 250 1,210 1,530 670 2,150 630 860 1,450	2,060 1,200 1,080 460 1,520 2,030 230 230 230 60 410 320 510 360 370 270 210 1,330 1,580 720 2,560 520 790 1,650	6.5 4.7 10.0 6.6 10.8 10.8 6.1 7.2 6.2 7.0 7.5 5.4 9.8 9.1 11.7 11.4 4.3 9.9 9.0 8.0 8.0 10.5 6.6	7.1 4.3 9.4 5.3 9.7 10.4 6.3 7.4 4.7 8.9 8.7 10.5 4.5 10.0 7.6 7.6 4.1 10.6 3.1 10.7 7.0	7.2 5.3 10.5 6.4 10.3 6.4 4.6 6.5 11.1 3.7 9.0 5.8 9.1 8.4 14.0 5.1 8.8 8.3 7.1 13.3 2.9 10.2 7.7
OTHER NEW ENGLAND STATES												
Connecticut Massachusetts New Hampshire Rhode Island Vermont	n/a 3,041.0 n/a n/a n/a	1,600.6 3,043.0 481.3 484.7 274.3	1,591.4 3,049.0 479.6 480.3 258.7	n/a 2,845.0 n/a n/a n/a	1,489.8 2,823.0 447.2 440.8 257.9	1,495.8 2,858.0 458.3 447.9 244.5	n/a 196.0 n/a n/a n/a	110.8 220.0 34.1 43.9 16.5	95.6 191.0 21.4 32.4 14.2	n/a 6.5 n/a n/a n/a	6.9 7.2 7.1 9.1 6.0	6.0 6.3 4.5 6.7 5.5
NEW ENGLAND STATES	n/a	5,884.0	5,859.1	n/a	5,458.7	5,504.5	n/a	425.3	354.6	n/a	7.2	6.1
UNITED STATES 3/	110,855	110,767	109,179	99,379	99,825	100,502	11,476	10,942	8,676	10.4	9.9	7.9

Area Definitions
LMA - Labor Market Area

SMSA - Standard Metropolitan Statistical Area

Note n/a indicates that the information was not available at the time of printing. Employment and unemployment may not add to labor force due to rounding.

## Mid-Month Insured Unemployment (Less Partials)

ITEM		STATEWII	DE .	POR'	TLAND SM	ISA	LEWISTON-AUBURN SMSA			
	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	This Month	Last Month	Year Ago	
Number of Continued-Week Claimants	13,249	11,815	13,401	1,847	1,727	1,587	943	974	878	
Insured Unemployment Rate *	3.4	3.0	3.4	2.2	2.1	2.0	2.9	3.0	2.6	

<sup>\*</sup> Should not be confused with insured unemployment rates as defined in the Employment Security Law.

Footnotes
1/ Labor force, employment, and unemployment data for all areas not seasonally adjusted. Estimates made independently for each labor market area have been benchmarked to and extrapolated from the Current Population Survey estimates for the state. All data adjusted to a place of residence basis. Excludes members of the Armed Forces. 2/ Current and last month figures preliminary; year ago figures revised.

3/ National estimates based on a sample of household visits; state estimates based on enlargements of employment figures reported.

WHILE THE DEMAND FOR MANAGERS AND OFFICIALS IS EXPECTED TO INCREASE BY APPROXIMATELY 5,600 BETWEEN 1980 AND 1990, THE RATE OF EMPLOYMENT GROWTH WILL BE BELOW THE AVERAGE FOR ALL OCCUPATIONS. THIS IS LARGELY THE RESULT OF AN ANTICIPATED STABILIZATION OF DEMAND FOR SCHOOL ADMINISTRATORS DUE TO DECLINING SCHOOL ENROLLMENTS.

IN MAINE, AS IN THE NATION, SERVICE-PRODUCING INDUSTRIES ARE EXPECTED TO ACCOUNT FOR AN INCREASING PROPORTION OF TOTAL EMPLOYMENT. AS THIS MATURATION PROCESS TAKES PLACE, THE INCREASE IN OPPORTUNITIES FOR SEMISKILLED AND UNSKILLED WORKERS IS EXPECTED TO LAG BEHIND THE AVERAGE RATE OF GROWTH FOR ALL OCCUPATIONS. THE DEMAND FOR OPERATIVES AND OTHER SEMISKILLED WORKERS IS EXPECTED TO INCREASE BY ONLY 13.7 PERCENT, DESPITE PROJECTED SUBSTANTIAL INCREASES FOR SELECTED OCCUPATIONS FOUND PRIMARILY IN THE DURABLE GOODS MANUFACTURING INDUSTRIES. OPPORTUNITIES FOR NONFARM LABORERS AND FARMERS AND FARM WORKERS ARE ALSO ANTICIPATED TO INCREASE BY LESS THAN THE AVERAGE FOR ALL OCCUPATIONS.

IN ADDITION TO JOB OPENINGS DUE TO INDUSTRY GROWTH DISCUSSED ABOVE, A SUBSTANTIAL NUMBER OF OPENINGS WILL RESULT FROM REPLACEMENT NEEDS. THESE OPENINGS AND OTHER INFORMATION CONCERNING THE OCCUPATIONAL OUTLOOK TO 1990 WILL BE DISCUSSED IN SEVERAL INFORMATIONAL RELEASES CURRENTLY BEING DEVELOPED. THESE PRODUCTS INCLUDE A PUBLICATION WHICH WILL COVER THE WIDE VARIETY OF OCCUPATIONS FOUND IN THE MAINE ECONOMY, OCCUPATIONAL MONOGRAPHS WHICH WILL FOCUS ON PARTICULAR OCCUPATIONS, AND AN UPDATE OF THE MAINE COMPUTERIZED CAREER INFORMATION DELIVERY SYSTEM.

FOR FURTHER INFORMATION CONCERNING THE OCCUPATIONAL OUTLOOK TO 1990, PLEASE CONTACT THE DIVISION OF ECONOMIC ANALYSIS AND RESEARCH, 20 UNION STREET, AUGUSTA, MAINE 04330 OR CALL (207) 289-2271.

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The Employment Security programs are affiliated with U.S. Employment and Training Administration.

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