

MAINE STATE LEGISLATURE

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1996

Maine Occupational Staffing

Water Transportation
SIC 44

Second Quarter 1994



Introduction

We wish to express our thanks to all the employers who supplied the necessary occupational employment and wage data by responding to the Occupational Employment Statistics (OES) program survey. This OES program is a federal/state cooperative effort between the Maine Department of Labor's Division of Labor Market Information Services, and the U.S. Department of Labor's Bureau of Labor Statistics, to determine, by industry and occupation, employment and wage levels in the state as well as the nation. This type of information has many uses, both public and private. Employers use this data to compare their staffing to their industry. Vocational advisors in high schools, trade and vocational schools, universities, and government employment offices use this data to help place current job seekers and to advise those of the future. This data helps determine what skills would be needed to attract a new firm or industry into an area. The information also gives insight into what jobs might be lost should an industry experience massive reductions in employment. Also, this data forms the basis of the state's occupational employment projections program. The output of this program helps job training specialists and planners from economic development agencies to plan for the future.

Each year approximately one-third of the State's industries are surveyed. Thus the entire economy will be covered every three years. Using this cycle, employers are asked to provide occupational data only once every three years. This ensures that no part of the data base is over three years old, and that significant changes in the staffing patterns of industries can be identified early, as the trend develops.

Only data which meet the following criteria are published in the accompanying tables: an occupational employment estimate must be ten or greater and have a relative error less than 51 percent or 36 percent depending if the industry's response rate was 70 percent or greater, or between 60 and 70 percent, respectively. Data was screened to ensure that the identity of sample firms may not be derived from the published data. Data for occupations that do not meet publication or confidentiality criteria are combined with the appropriate "all other" category.

The industry classification used in the OES program and in this publication are defined in the 1987 edition of the *Standard Industrial Classification (SIC) Manual*, prepared by the Executive Office of the President, Office of Management and Budget, Statistical Policy Division.

The wage data collected through the OES program is collected by wage **ranges** rather than by actual wages. However, the U.S. Bureau of Labor Statistics determined that the mean, median, 25th percentile and 75th percentile could be accurately calculated from this data. For this publication, only the mean, or average, and median wage have been included. It should be noted that to produce this average hourly wage, it was assumed that full-time employees worked a 40-hour week. Also, it was requested during wage collection, that hourly, rather than annual, wages be reported for all part-time workers.

For further information regarding this report, or the OES program methodology, please call Wendy Nelson, Occupational Employment Statistics Program Manager, at (207)287-2271.

Water Transportation SIC 44

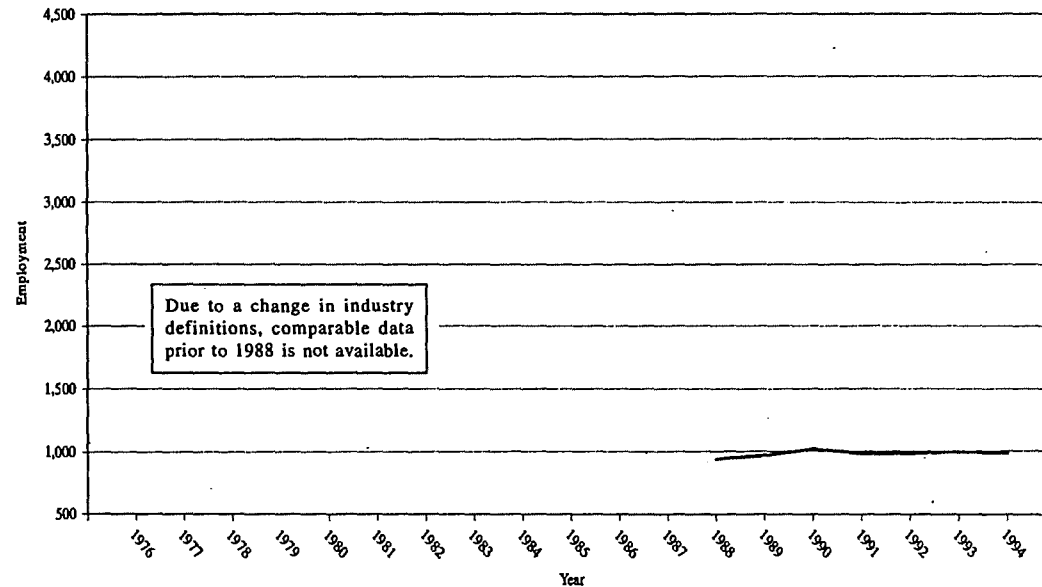
This major industry group includes establishments engaged in freight and passenger transportation on the open seas or inland waters, and establishments furnishing such incidental services as lighterage, towing, canal operation, and marinas. This major group also includes excursion boats, sightseeing boats, and water taxis.

The annual average wage and salary employment in this industry has shown only slight movement over the past 6 years, from 950 workers in 1988 to 990 workers in 1994. This is an overall employment

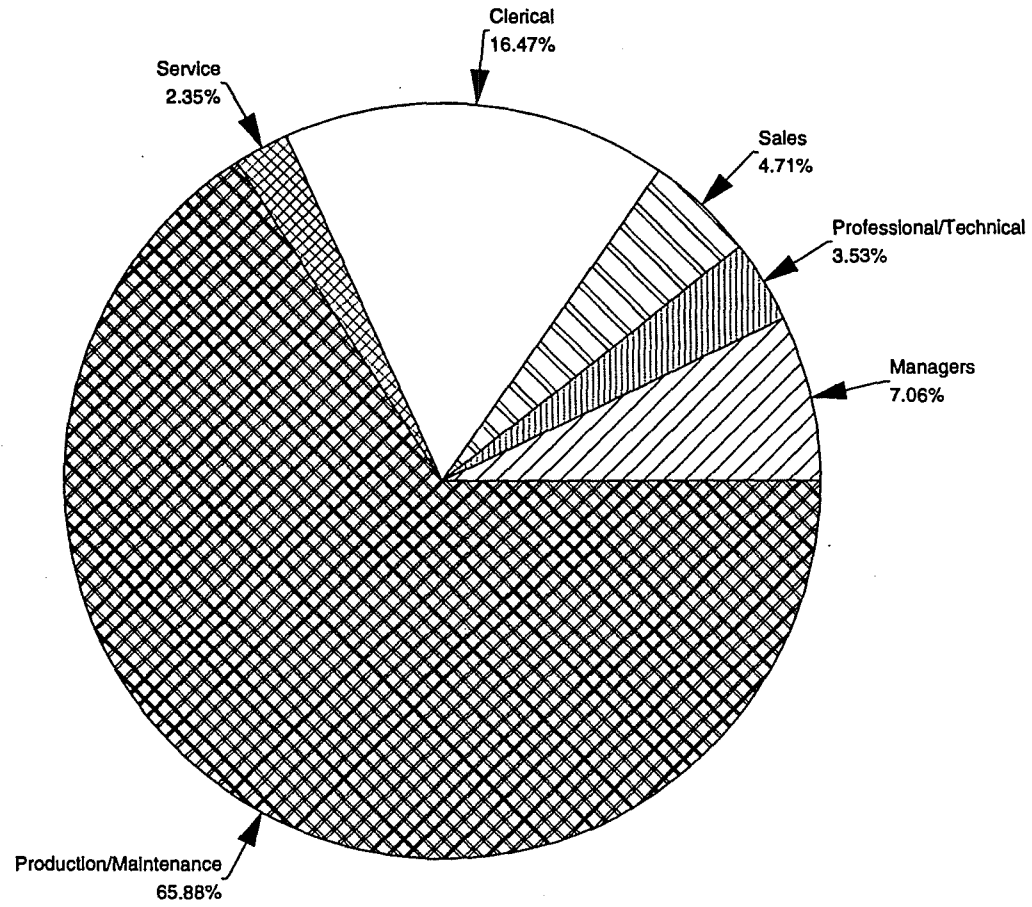
increase of 4.2 percent, or less than 1 percent annually. Most of the 1994 employment was concentrated in marinas, 49 percent, and marine cargo handling, 18 percent.

In 1994, total wages paid to employees in the water transportation industry equaled \$21.1 million. The average annual wage per worker was \$21,407. This average wage was 16.7 percent higher than the \$18,341 annual average wage for this industry's workers in 1991.

Employment in Water Transportation



Employment Distribution by Major Occupational Categories
in the Water Transportation Industry
April 1994



MAINE
 SIC 44 WATER TRANSPORTATION
 BENCHMARK EMPLOYMENT: 880
 REFERENCE DATE : April 12, 1994

TOTAL NUMBER OF RESPONDENTS: 46

TOP 10 OCCUPATIONS BY ESTIMATED EMPLOYMENT

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)	MEAN HOURLY WAGE	MEDIAN HOURLY WAGE
MAINTENANCE REPAIRERS, GENERAL UTILITY.....851323	80	9.41	10.11	32.61	\$ 8.40	\$ 8.20
STEVEDORES, EXCEPT EQUIPMENT OPERATORS.....987023	60	7.06	24.31	6.52	11.50	13.30
BOOKKEEPING, ACCOUNTING & AUDITING CLERKS.....553383	50	5.88	7.51	50.00	10.20	10.50
MACHINERY MAINTENANCE MECHANICS, MARINE EQUIPMENT.....851163	50	5.88	9.72	26.09	11.30	11.10
PAINTERS & PAPERHANGERS, CONSTRUCTION & MAINTENANCE.....874023	50	5.88	14.73	32.61	9.70	10.00
FIRST LINE SUPERVISORS, MECHANICS/INSTALLERS/REPAIRERS.....810023	40	4.71	18.31	34.78	16.40	15.10
CARPENTERS.....871023	40	4.71	19.70	30.43	11.60	11.20
CAPTAINS, WATER VESSEL.....975023	40	4.71	10.18	30.43	21.20	18.30
COMMUNICATIONS/TRANSPORTATION & UTILITIES MANAGERS.....150233	30	3.53	20.62	19.57	16.30	17.00
RESERVATION & TRANSPORTATION TICKET AGENTS.....538053	30	3.53	9.09	10.87	8.00	6.50

TOP 10 OCCUPATIONS BY FIRMS REPORTING

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)	MEAN HOURLY WAGE	MEDIAN HOURLY WAGE
BOOKKEEPING, ACCOUNTING & AUDITING CLERKS.....553383	50	5.88	7.51	50.00	\$10.20	\$10.50
FIRST LINE SUPERVISORS, MECHANICS/INSTALLERS/REPAIRERS.....810023	40	4.71	18.31	34.78	16.40	15.10
MAINTENANCE REPAIRERS, GENERAL UTILITY.....851323	80	9.41	10.11	32.61	8.40	8.20
PAINTERS & PAPERHANGERS, CONSTRUCTION & MAINTENANCE.....874023	50	5.88	14.73	32.61	9.70	10.00
CARPENTERS.....871023	40	4.71	19.70	30.43	11.60	11.20
CAPTAINS, WATER VESSEL.....975023	40	4.71	10.18	30.43	21.20	18.30
MACHINERY MAINTENANCE MECHANICS, MARINE EQUIPMENT.....851163	50	5.88	9.72	26.09	11.30	11.10
GENERAL MANAGERS & TOP EXECUTIVES.....190053	20	2.35	11.76	21.74	22.80	19.80
SECRETARIES, EXCEPT LEGAL & MEDICAL.....551083	20	2.35	14.70	21.74	6.90	6.50
COMMUNICATIONS/TRANSPORTATION & UTILITIES MANAGERS.....150233	30	3.53	20.62	19.57	16.30	17.00

TOP 10 OCCUPATIONS BY MEDIAN WAGE VALUE

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)	MEAN HOURLY WAGE	MEDIAN HOURLY WAGE
GENERAL MANAGERS & TOP EXECUTIVES.....190053	20	2.35	11.76	21.74	\$22.80	\$19.80
FIRST LINE SUPERVISORS, TRANSPORT/MOVING MACHINES.....810113	10	1.18	18.18	8.70	19.90	18.80
CAPTAINS, WATER VESSEL.....975023	40	4.71	10.18	30.43	21.20	18.30
COMMUNICATIONS/TRANSPORTATION & UTILITIES MANAGERS.....150233	30	3.53	20.62	19.57	16.30	17.00
CRANE & TOWER OPERATORS.....979443	10	1.18	20.20	6.52	15.30	16.50
ACCOUNTANTS & AUDITORS.....211143	10	1.18	24.74	8.70	16.40	16.00
FIRST LINE SUPERVISORS, MECHANICS/INSTALLERS/REPAIRERS.....810023	40	4.71	18.31	34.78	16.40	15.10
MARINE ENGINEERS.....221383	10	1.18	39.77	8.70	15.10	14.80
STEVEDORES, EXCEPT EQUIPMENT OPERATORS.....987023	60	7.06	24.31	6.52	11.50	13.30
SMALL ENGINE SPECIALISTS.....853283	20	2.35	11.79	13.04	12.60	13.00

MAINE
 SIC 44 WATER TRANSPORTATION
 BENCHMARK EMPLOYMENT: 880 TOTAL NUMBER OF RESPONDENTS: 46
 REFERENCE DATE : April 12, 1994

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)	MEAN HOURLY WAGE	MEDIAN HOURLY WAGE
TOTAL.....000000	850	100.00	N.A.	N.A.	\$11.60	\$10.50
MANAGERIAL & ADMINISTRATIVE.....100003	60	7.06	N.A.	N.A.	18.20	18.00
COMMUNICATIONS/TRANSPORTATION & UTILITIES MANAGERS.....150233	30	3.53	20.62	19.57	16.30	17.00
GENERAL MANAGERS & TOP EXECUTIVES.....190053	20	2.35	11.76	21.74	22.80	19.80
ALL OTHER MANAGERS & ADMINISTRATORS.....199993	10	1.18	N.A.	N.A.	15.30	13.50
PROFESSIONAL/PARAPROFESSIONAL & TECHNICAL OCCUPATIONS.....200003	30	3.53	N.A.	N.A.	14.50	14.20
ACCOUNTANTS, AUDITORS & OTHER FINANCIAL SPECIALISTS.....211003	10	1.18	N.A.	N.A.	16.40	16.00
ACCOUNTANTS & AUDITORS.....211143	10	1.18	24.74	8.70	16.40	16.00
ENGINEERS.....221003	10	1.18	N.A.	N.A.	15.10	14.80
MARINE ENGINEERS.....221383	10	1.18	39.77	8.70	15.10	14.80
OTHER PROFESSIONAL, PARAPROFESSIONAL/TECHNICIANS.....399993	10	1.18	N.A.	N.A.	10.30	9.00
SALES & RELATED OCCUPATIONS.....400003	40	4.71	N.A.	N.A.	8.10	6.40
CASHIERS.....490233	10	1.18	0.00	10.87	5.90	5.60
ALL OTHER SALES & RELATED.....499993	30	3.53	N.A.	N.A.	9.20	7.30
CLERICAL & ADMINISTRATIVE SUPPORT.....500003	140	16.47	N.A.	N.A.	8.90	8.40
RESERVATION & TRANSPORTATION TICKET AGENTS.....538053	30	3.53	9.09	10.87	8.00	6.50
SECRETARIES, EXCEPT LEGAL & MEDICAL.....551083	20	2.35	14.70	21.74	6.90	6.50
BOOKKEEPING, ACCOUNTING & AUDITING CLERKS.....553383	50	5.88	7.51	50.00	10.20	10.50
GENERAL OFFICE CLERKS.....553473	20	2.35	17.68	17.39	8.00	8.60
MATERIAL RECORDING/SCHEDULING/ DISPATCHING/DISTRIBUTING.....580003	20	2.35	N.A.	N.A.	10.00	6.40
TRAFFIC, SHIPPING, & RECEIVING CLERKS.....580283	20	2.35	0.00	8.70	10.00	6.40
SERVICE OCCUPATIONS.....600003	20	2.35	N.A.	N.A.	7.40	7.10
FOOD, BEVERAGE PREPARATION & SERVICE WORKERS.....650003	10	1.18	N.A.	N.A.	6.80	6.50
ALL OTHER SERVICE WORKERS.....699993	10	1.18	N.A.	N.A.	8.00	7.80
PRODUCT/CONSTRUCT/OPERATE MAINTENANCE/MATERIAL HANDLING.....800003	560	65.88	N.A.	N.A.	11.90	11.00
FIRST LINE SUPERVISORS-PRODUCT/ CONSTRUCT/MAINTENANCE/RELATED.....810003	50	5.88	N.A.	N.A.	17.10	15.80
FIRST LINE SUPERVISORS, MECHANICS/INSTALLERS/REPAIRERS.....810023	40	4.71	18.31	34.78	16.40	15.10
FIRST LINE SUPERVISORS, TRANSPORT/MOVING MACHINES.....810113	10	1.18	18.18	8.70	19.90	18.80
MECHANICS, INSTALLERS & REPAIRERS.....850003	170	20.00	N.A.	N.A.	10.20	9.90
MACHINERY MAINTENANCE MECHANICS, MARINE EQUIPMENT.....851163	50	5.88	9.72	26.09	11.30	11.10

N.A. - not available or not calculated
 Benchmark employment may not equal total employment due to rounding.
 Data for confidential occupations has been combined with the appropriate "All Other" categories.

MAINE

SIC 44 WATER TRANSPORTATION

BENCHMARK EMPLOYMENT: 880

TOTAL NUMBER OF RESPONDENTS: 46

REFERENCE DATE : April 12, 1994

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)	MEAN HOURLY WAGE	MEDIAN HOURLY WAGE	
MAINTENANCE REPAIRERS, GENERAL UTILITY.....	851323	80	9.41	10.11	32.61	\$ 8.40	\$ 8.20
SMALL ENGINE SPECIALISTS.....	853283	20	2.35	11.79	13.04	12.60	13.00
RIGGERS.....	859353	20	2.35	8.66	15.22	11.80	11.80
CONSTRUCTION TRADE WORKERS, EXCEPT MATERIAL MOVING.....	870003	90	10.59	N.A.	N.A.	10.50	10.60
CARPENTERS.....	871023	40	4.71	19.70	30.43	11.60	11.20
PAINTERS & PAPERHANGERS, CONSTRUCTION & MAINTENANCE.....	874023	50	5.88	14.73	32.61	9.70	10.00
OTHER HAND WORKERS, NEC.....	939003	10	1.18	N.A.	N.A.	8.90	8.70
OTHER HAND WORKERS, NEC.....	939993	10	1.18	N.A.	N.A.	8.90	8.70
CAPTAINS, WATER VESSEL.....	975023	40	4.71	10.18	30.43	21.20	18.30
MATES, SHIP/BOAT/BARGE.....	975053	20	2.35	13.47	13.04	8.60	7.20
ABLE SEAMEN.....	975143	20	2.35	27.95	10.87	12.30	12.50
ORDINARY SEAMEN & MARINE OILERS.....	975173	20	2.35	26.35	13.04	6.20	6.00
OTHER WATER TRANSPORTATION WORKERS.....	975993	10	1.18	N.A.	N.A.	14.20	8.30
ALL OTHER TRANSPORTATION & RELATED WORKERS.....	978993	20	2.35	N.A.	N.A.	8.00	7.30
MATERIAL MOVING EQUIPMENT OPERATORS.....	979003	40	4.71	N.A.	N.A.	15.40	15.30
CRANE & TOWER OPERATORS.....	979443	10	1.18	20.20	6.52	15.30	16.50
OTHER MATERIAL MOVING EQUIPMENT OPERATORS.....	979893	30	3.53	N.A.	N.A.	15.50	15.20
HELPERS, LABORERS & MATERIAL MOVERS, HAND.....	980003	80	9.41	N.A.	N.A.	10.70	10.80
STEVEDORES, EXCEPT EQUIPMENT OPERATORS.....	987023	60	7.06	24.31	6.52	11.50	13.30
OTHER HELPERS, LABORERS & MATERIAL MOVERS, HAND.....	989993	20	2.35	N.A.	N.A.	8.70	9.40

N.A. - not available or not calculated

Benchmark employment may not equal total employment due to rounding.

Data for confidential occupations has been combined with the appropriate "All Other" categories.

ORDER FORM

Listed are the 1994 OES Survey Reports published for selected industries in Maine. If you would like to receive any of these, please complete and return this form to:

Maine Department of Labor
Labor Market Information Services
20 Union Street
Augusta, ME 04330-6826

Name: _____

Company: _____

Address: _____

City, State, Zip _____

Tel. # _____

- Local and Suburban Transit and Interurban Highway Passenger Transportation (SIC 41)
- Motor Freight Transportation and Warehousing (SIC 42)
- Water Transportation (SIC 44)
- Communications (SIC 48)
- Electric, Gas, and Sanitary Services (SIC 49)
- Wholesale Trade of Durable Goods (SIC 50)
- Wholesale Trade of Nondurable Goods (SIC 51)
- Building Materials, Hardware, Garden Supply, and Mobile Home Dealers (SIC 52)
- General Merchandise Stores (SIC 53)
- Food Stores (SIC 54)
- Automobile Dealers and Gasoline Service Stations (SIC 55)
- Home Furniture, Furnishings, and Equipment Stores (SIC 57)
- Eating and Drinking Places (SIC 58)
- Miscellaneous Retail (SIC 59)
- Educational Services (SIC 82)
- Federal, State, and Local Government

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For Area Labor Market Information, Contact:

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Alan J. Cox	Central	2 Anthony Ave. Augusta, ME 04330	624-5190 624-5107(Fax)
Ken Bridges	Coastal	20 Union St. Augusta, ME 04330	287-2271 287-2947(Fax)
Gerard F. Dennison	Western	522 Lisbon St. Lewiston, ME 04243-0441	783-5314 783-5301(Fax)
Craig Holland	North/East	45 Oak St. Bangor, ME 04401-1804	941-3076 561-4665(Fax)
Eva Smith	Southern	105 Elm St. Portland, ME 04104-3574	822-0216 822-0221(Fax)



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