

# Occupational Compensation Survey: Pay Only Northern Lower Peninsula, MI April 1997



U.S. Department of Labor  
Bureau of Labor Statistics  
Summary  
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This summary presents results of an April 1997 survey of occupational pay in the Northern Lower Peninsula, MI area, which consists of Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, and Wexford Counties. This is 1 of over 120 areas which the Bureau of Labor Statistics surveys at the request of the Employment Standards Administration, U.S. Department of Labor, for use in administering the Service Contract Act of 1965. In addition, the Bureau conducts more extensive studies of occupational wages and related benefits in other areas throughout the United States. For information on these reports and other Bureau publications, contact any BLS regional office identified on the back page.

This study covered establishments employing 50 workers or more in manufacturing; transportation, communications, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. A sample of 83 establishments employing 17,609 workers was selected to represent 269 establishments employing 38,438 workers in the area. Data collected from the sample of establishments were appropriately weighted to represent all establishments within the survey.

Table 1 presents the weekly hours and pay of selected professional,

administrative, technical, and clerical workers. Table 2 presents the hourly pay of maintenance, toolroom, material movement, and custodial workers. Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of variation among establishments in duties within the same job. Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that data for an individual establishment may be disclosed. See table 3 and the Scope and Method of Survey for further information on the composition of the occupational groups studied and the scope of the survey. The job descriptions used in the survey are available upon request.

For additional information regarding this survey or similar surveys conducted in this regional area, please contact the Chicago Regional Office at (312) 353-1880. You may also write to the Bureau of Labor Statistics at: Compensation Levels and Trends, 2 Massachusetts Avenue, NE, Room 4175, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

Information in this publication will be made available to sensory impaired individuals upon request. Voice phone: (202) 606-STAT, TDD phone: (202) 606-5897; TDD message referral phone: 1-800-326-2577.

**Table 1. Weekly hours and pay of professional, administrative, technical, and clerical occupations, Northern Lower Peninsula, MI, April 1997**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	Under 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000		
<b>TECHNICAL OCCUPATIONS</b>																											
<b>Drafters</b> .....	93	40.0	\$585	\$600	\$480 - \$700	-	-	-	-	-	-	-	15	2	-	22	4	6	19	-	25	2	2	-	-	-	2
Level 2 .....	22	40.0	531	-	- - -	-	-	-	-	-	-	-	-	9	-	55	-	-	36	-	-	-	-	-	-	-	-
Level 3 .....	53	40.0	631	640	552 - 700	-	-	-	-	-	-	-	-	-	-	15	8	11	19	-	43	4	-	-	-	-	-
<b>Engineering Technicians</b> .....	41	40.0	633	624	567 - 697	-	-	-	-	-	-	5	-	-	-	12	-	12	27	24	15	-	-	5	-	-	-
<b>CLERICAL OCCUPATIONS</b>																											
<b>Clerks, Accounting</b> .....	195	40.0	423	400	357 - 451	1	2	8	11	14	12	9	13	12	-	7	5	4	-	3	-	-	-	-	-	-	-
Level 2 .....	101	40.0	383	362	338 - 400	1	3	13	16	23	15	10	5	5	-	2	8	-	-	-	-	-	-	-	-	-	-
Level 3 .....	90	40.0	467	445	406 - 502	-	-	2	3	4	10	9	23	21	-	11	1	8	-	7	-	-	-	-	-	-	-
<b>Clerks, General</b> .....	214	40.0	396	360	300 - 478	<sup>3</sup> 10	11	10	14	8	11	6	3	1	7	6	4	4	5	-	-	-	-	-	-	-	-
Level 2 .....	107	40.0	315	310	280 - 349	<sup>4</sup> 19	20	20	19	16	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3 .....	70	40.0	458	443	385 - 492	-	-	-	10	1	29	4	10	-	21	6	10	-	9	-	-	-	-	-	-	-	-
<b>Clerks, Order</b> .....	49	40.0	478	510	370 - 562	-	-	4	16	12	-	-	-	4	12	22	14	14	-	-	-	-	-	-	-	-	-
Level 2 .....	37	40.0	516	510	496 - 562	-	-	5	5	-	-	-	-	5	16	30	19	19	-	-	-	-	-	-	-	-	-
<b>Secretaries</b> .....	35	40.0	464	432	404 - 508	-	-	-	11	6	-	26	23	9	-	3	11	3	3	6	-	-	-	-	-	-	-
Level 2 .....	17	40.0	413	-	- - -	-	-	-	24	-	-	53	6	12	-	-	6	-	-	-	-	-	-	-	-	-	-
Level 3 .....	15	40.0	490	-	- - -	-	-	-	-	13	-	-	-	47	-	7	20	7	7	-	-	-	-	-	-	-	-
<b>Switchboard-Operator-Receptionists</b> .....	54	40.0	342	327	312 - 375	9	11	30	2	17	15	7	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

<sup>2</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Scope and Method of Survey for definitions and methods used to compute means, medians, and middle ranges.

<sup>3</sup> Workers were distributed as follows: 1 percent at \$225 and under \$250 and 9 percent at \$250 and under \$275.

<sup>4</sup> All workers were at \$250 and under \$275.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

**Table 2. Hourly pay of maintenance, toolroom, material movement, and custodial occupations, Northern Lower Peninsula, MI, April 1997**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	4.75 and under 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	
<b>MAINTENANCE AND TOOLROOM OCCUPATIONS</b>																												
<b>General Maintenance Workers</b> .....	173	\$10.55	\$9.68	\$8.35 - \$12.02	-	-	-	7	1	4	3	14	2	21	3	9	27	-	-	-	5	-	-	3	-	-	-	-
Level 1 .....	121	9.37	9.08	8.00 - 11.80	-	-	-	10	2	6	5	18	2	28	2	6	20	-	-	-	2	-	-	-	-	-	-	-
Level 2 .....	44	13.64	12.80	12.42 - 16.59	-	-	-	-	-	-	-	5	2	5	7	-	52	-	-	-	16	-	-	14	-	-	-	-
<b>Maintenance Electricians</b> .....	130	15.56	15.34	13.78 - 17.51	-	-	-	-	-	-	-	-	-	-	-	-	3	27	14	18	8	30	-	-	-	-	-	
<b>Maintenance Electronics Technicians</b> .....	46	15.70	14.34	13.50 - 18.93	-	-	-	-	-	-	-	-	-	-	-	-	9	37	11	-	-	13	30	-	-	-	-	
Level 2 .....	46	15.70	14.34	13.50 - 18.93	-	-	-	-	-	-	-	-	-	-	-	-	9	37	11	-	-	13	30	-	-	-	-	
<b>Maintenance Machinists</b> .....	41	17.32	17.21	13.28 - 20.95	-	-	-	-	-	-	-	-	-	-	-	-	5	24	2	10	-	24	-	-	15	15	5	
<b>Maintenance Mechanics, Machinery</b> .....	337	14.10	13.72	13.20 - 15.34	-	-	-	-	-	-	-	-	-	-	9	4	5	45	11	5	-	20	-	-	-	-	-	
<b>Maintenance Mechanics, Motor Vehicle</b> .....	57	15.52	17.41	12.10 - 18.39	-	-	-	-	-	-	-	-	-	12	11	-	5	19	-	-	-	23	11	-	-	19	-	
<b>Skilled Multi-Craft Maintenance Workers</b> .....	153	15.86	16.35	13.45 - 17.19	-	-	-	-	-	-	-	-	-	-	-	-	4	42	-	1	21	21	-	-	-	-	10	
<b>Tool and Die Makers</b> .....	435	16.99	16.29	15.60 - 18.15	-	-	-	-	-	-	-	-	-	-	-	-	3	1	6	35	17	11	10	4	3	3	6	
<b>MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS</b>																												
<b>Janitors</b> .....	265	8.21	7.25	6.50 - 9.46	1	6	5	11	13	16	8	5	5	9	11	3	( <sup>2</sup> )	1	-	-	3	2	-	-	-	-	-	
<b>Material Movement and Storage Workers</b> .....	636	10.68	10.45	9.00 - 11.61	-	-	-	-	8	9	1	7	23	14	17	7	-	3	9	( <sup>2</sup> )	1	( <sup>2</sup> )	-	-	-	-	-	
Level 2 .....	560	10.46	9.92	9.00 - 11.52	-	-	-	-	5	10	2	8	26	13	19	8	-	-	8	( <sup>2</sup> )	-	1	-	-	-	-	-	
Forklift Operators .....	232	10.03	9.92	8.75 - 11.52	-	-	-	-	7	16	-	8	26	15	15	10	-	-	3	-	-	-	-	-	-	-	-	
Shipping/Receiving Clerks .....	196	9.97	9.82	8.65 - 11.38	-	-	-	-	7	9	5	13	23	11	18	12	-	-	2	-	-	-	-	-	-	-	-	
<b>Truckdrivers</b> .....	158	11.46	11.00	9.75 - 13.25	-	-	-	1	-	1	-	8	5	14	18	10	1	34	1	-	5	-	-	2	-	-	-	
Tractor Trailer .....	52	12.25	11.00	10.00 - 13.00	-	-	-	-	-	-	-	2	-	15	29	17	4	10	2	-	15	-	-	6	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Scope and Method of Survey for definitions and methods used to compute means, medians, and middle ranges.

<sup>2</sup> Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

**Table 3. Establishments and workers within scope of survey and number studied, Northern Lower Peninsula, MI<sup>1</sup>, April 1997**

Industry division <sup>2</sup>	Number of establishments		Workers in establishments		
	Within scope of survey <sup>3</sup>	Studied	Within scope of survey <sup>4</sup>		Studied
			Number	Percent	
All divisions .....	269	83	38,438	100	17,609
Manufacturing .....	104	36	20,427	53	9,671
Service producing <sup>5</sup> .....	165	47	18,011	47	7,938

<sup>1</sup> The Northern Lower Peninsula area consists of Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, and Wexford Counties. The "workers within scope of survey" estimates provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) establishments employing fewer than 50 workers are excluded from the scope of the survey.

<sup>2</sup> The *Standard Industrial Classification Manual* was used in classifying establishments by industry. All government operations were excluded from

the scope of the survey.

<sup>3</sup> Includes all establishments with total employment at or above the minimum limitation. All outlets (within a metropolitan area or nonmetropolitan county) of service producing companies are considered as one establishment when located within the same industry division.

<sup>4</sup> Includes all workers in all establishments with total employment (within an area) at or above the minimum limitations.

<sup>5</sup> Includes transportation, communications, and other public utilities (excluding taxicabs and services incidental to water transportation); wholesale trade; retail trade; finance, insurance, and real estate; hotels and other lodging places; personal services; business services; automotive repair services and garages; motion pictures; membership organizations (excluding religious organizations); and miscellaneous services.

## Scope and Method of Survey

### Sampling procedures

The survey was conducted on a sample basis, using a listing of establishments (sampling frame) which fell within the designated scope of the survey. The sampling frame was developed using data from unemployment insurance reports and checked for accuracy and completeness. Establishments known to be missing were added; out-of-business and out-of-scope establishments were removed; some units were combined or split to meet the establishment/collection unit definitions; and, for some, address, employment, type of industry, or other information was corrected.

A sample of establishments was selected after a detailed stratification by industry and number of employees of all establishments within the scope of the survey. From this stratified universe, a probability sample was selected, with each establishment having a predetermined chance of selection. To obtain optimum accuracy at minimum cost, a greater proportion of large than small establishments was selected. When data were combined, each establishment was weighted according to its probability of selection so that unbiased estimates were generated. If data were not available for an establishment originally selected, the weights of other similar establishments were increased to account for the missing unit.

Data for the survey were obtained primarily by personal visits of Bureau field economists. Collection of the survey was from February 1997 through May 1997 and reflects an average payroll reference of April 1997. Data obtained for a payroll period prior to the end of March 1997 were updated to include general wage changes, if granted, scheduled to be effective through that date.

### Occupations and pay

Occupational employment and pay data are shown for full-time workers, i.e., those hired to work a regular weekly schedule. Pay data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living allowance clauses, and incentive payments, however, are included. Weekly hours in table 1 refer to the standard workweek (rounded to the nearest tenth of an hour) for which employees receive regular straight-time pay. Average weekly pay are rounded to the nearest dollar. Tables 1 and 2 provide distributions of workers by pay.

The *mean* is computed for each job by totaling the pay of all workers and dividing by the number of workers. The *median* designates position—one-half of the workers receive the same as or more and one-half receive the same as or less than the rate shown. The *middle range* is defined by two rates of pay; one-fourth of the workers earn the same as or less than the lower of these rates and one-fourth earn the same as or more than the higher rate. Medians and middle ranges are not provided when they do not meet reliability criteria.

Occupational employment estimates represent the total in all establishments within the scope of the study and not the number actually studied, and are intended as a general guide to the size and composition of the labor force rather than as precise measures of employment. Each group of establishments of a certain size, however, is given its proper weight in the combined data.