

Occupational Wage Survey

DETROIT, MICHIGAN

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UNITED STATES DEPARTMENT OF LABOR
Maurice J. Tobin - Secretary

BUREAU OF LABOR STATISTICS
Ewan Clague - Commissioner

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* NOTE - Additional occupational earnings reports are available upon request for auto repair shops (June 1951), ferrous foundries (July 1951), paints and varnishes (May 1951), and power laundries (May 1951).

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Introduction ^{1/}

The Detroit area is 1 of 40 major labor markets in which the Bureau of Labor Statistics is currently conducting occupational wage surveys. Occupations common to a variety of manufacturing and nonmanufacturing industries were studied on a community-wide basis. Cross-industry methods of sampling were thus utilized in compiling earnings data for the following types of occupations: (a) office; (b) professional and technical; (c) maintenance and power plant; (d) custodial, warehousing, and shipping. In presenting earnings information for such jobs (tables A-1 through A-4) separate data have been provided wherever possible for individual broad industry divisions. ^{2/}

Occupations characteristic of particular, important, local industries were studied on an industry basis, within the framework of the community survey. Earnings data for these jobs have been presented in Series B tables. Union scales (Series C tables) are presented in lieu of (or supplementing) occupational earnings for several industries or trades in which the great majority of the workers are employed under terms of collective-bargaining agreements, and the contract or minimum rates are indicative of prevailing pay practices.

Data were collected and summarized on shift operations and differentials, hours of work, and supplementary benefits such as vacation and sick leave allowances, paid holidays, non-production bonuses, and insurance and pension plans.

The Detroit Metropolitan Area

The Detroit Metropolitan Area, consisting of Macomb, Oakland, and Wayne Counties, ranks fifth in size among the standard metropolitan areas of the Nation. The total population of this area numbered over 3,000,000 in 1950, representing a gain of nearly 30 percent in the previous decade. During this period, the population of Detroit increased 14 percent.

The initial economic effects of the Korean conflict pushed employment in the Motor City area to a record height of 1,309,000 by October 1950 - topping the World War II peak of November 1943 by more than 100,000. An employment decline then

^{1/} Prepared in the Bureau's regional office in Chicago, Ill., by Woodrow C. Linn, under the direction of George E. Votava, Regional Wage and Industrial Relations Analyst. The planning and central direction of the program was carried on in the Bureau's Division of Wages and Industrial Relations.

^{2/} The construction and extractive industries and government institutions were excluded from this study. See appendix for discussion of scope and method of survey.

followed, but by April 1951 the October 1950 level was approached when a further decline began. Wage and salaried employment in the Detroit area at the time of the study (December 1951) had fallen to 1,211,000, representing a loss of 88,000 since April 1951. Unemployment was at the highest level in 21 months.

Manufacturing employment - 619,000 in December 1951 - was 108,000 below the October 1950 level. Despite the sharp reduction in manufacturing employment resulting from the defense conversion program, more than half the wage and salaried workers in the area were employed in manufacturing industries in December 1951. Of these, half were employed in the motor vehicles and equipment industry. This industry forms the basis of the area's economy, and fluctuations in its work force are reflected significantly in the area's total employment. During 1951, employment in the auto industry in the Detroit area fell from a high of 407,000 in April to 313,000 in December. This loss parallels closely the national trend for the motor vehicles and equipment industry in which employment decreased from a postwar peak of 936,000 in March 1951 to an estimate of 789,000 for December.

The nonelectrical machinery industries, the next largest manufacturing group in the area, had a total work force of 78,000 in December 1951, a gain of 2,000 over the preceding April. Detroit machinery plants manufacture a variety of products including machine tools and machine-tool attachments, household appliances, office machines, and internal combustion engines (except automobile engines). Among prominent nondurable-goods manufacturing industries, food and kindred products accounted for 23,000 workers; chemicals and petroleum 22,000; and printing and publishing 14,000.

An estimated 592,000 wage and salary workers were on the payrolls of Detroit nonmanufacturing establishments in December 1951. This compares with 575,000 in April when factory employment had reached its highest level for the year. Retail outlets, with 180,000 workers, added 12,000 workers during November and December to meet the stimulus of Christmas buying. Wholesale trade firms provided employment to an additional 62,000 workers. Another 84,000 were employed by the various branches of the transportation and public utilities industry, including railroads, and the municipally owned local transportation system. Building construction, in the midst of a seasonal decline in December, gave jobs to 47,000 workers. A total of 169,000 persons, including public school teachers, had employment in the finance and services industries.

Among the industry and establishment-size groups studied, about 95 percent of all factory workers in manufacturing establishments were employed in union plants. In nonmanufacturing industries the proportion of nonoffice workers covered by union agreements ranged from less than a third in financial institutions to nearly 100 percent in the transportation (except railroads), communication, and public utilities group. Union contracts covered about four-fifths of the nonoffice workers in wholesale trade, three-fourths in services, and more than half in retail trade.

More than a sixth of the office workers in the Motor City area were working under the provisions of union agreements. In manufacturing, three-fifths of the office workers were employed under provisions of collective-bargaining agreements.

Occupational Wage Structure

Detroit is generally recognized as an area with relatively high factory wage rates. In December 1951, gross hourly earnings (including pay for overtime and night work) for manufacturing plant workers in the area averaged \$2.01, 29 cents higher than reported in January 1950, the base period for the Wage Stabilization Board's "catch-up" wage-increase formula. A substantial part of this increase can be attributed to formal wage adjustments made during the 2-year period. Virtually all plant workers employed in manufacturing establishments had received one, or more, general wage increases between January 1950 and the time of the study. For nearly 90 percent of the workers, the increases totaled between 20 and 30 cents an hour. Plant workers in nonmanufacturing generally received smaller wage adjustments than those given to manufacturing plant workers.

Formal revisions of salaries for office workers were less extensive than wage adjustments for plant workers. Office workers in the larger manufacturing establishments frequently were granted increases comparable to those given plant workers. In other establishments, however, pay raises for office workers were less than those for plant workers and in many instances salaries of office workers were adjusted on an individual basis, rather than by general increases.

Formalized rate structures for time-rated workers were reported in establishments employing nearly all Detroit plant workers. About two-thirds of all plant workers were employed in establishments which had plans setting forth a single or flat rate for each job classification. Among the industry groups studied, single-rate plans were typical of manufacturing and services. Wage progression plans, providing a range of rates for each job, were more common in the retail trade and transportation and public utilities groups. Piece-rate or bonus-incentive payment plans covered about 10 percent of the workers in durable goods and more than 15 percent in nondurable-goods manufacturing plants. Incentive methods of wage payments were either nonexistent or relatively insignificant among the nonmanufacturing industries.

Virtually all formal wage plans reported for office occupations provided a range of rates for each job. Very few office workers were paid salaries based on single rate plans, and more than a fifth were in establishments that determined salaries on an individual basis.

Minimum entrance rates for inexperienced plant workers were a part of the formalized wage structures of establishments employing over 95 percent of the workers in the area. Nine out of ten manufacturing plant workers were employed in establishments having minimum hiring rates of more than \$1.30 an hour. In durable-goods manufacturing about 80 percent were employed in firms with a minimum of \$1.45 or more. Among nonmanufacturing industries formalized minimum entrance rates were significantly lower.

Wages and salaries of workers in manufacturing industries were generally higher than those in nonmanufacturing. In all but 1 of 32 office classifications permitting comparison, salaries of workers in manufacturing establishments were higher than those in nonmanufacturing. Average weekly salaries of office jobs in the motor vehicles and equipment industry slightly exceeded those for manufacturing industries, and were substantially higher than the averages for all industries combined. Average hourly earnings for plant workers studied in all industries were higher in manufacturing for 27 of 30 job categories for which comparisons were possible.

About a third of the plant workers in the Detroit area manufacturing plants were employed on late shifts in December 1951. Almost all these workers were paid shift differentials. In the durable-goods industries second- and third-shift workers were usually paid a percentage differential over day-shift rates--typically 5 and 7½ percent, respectively. In the nondurable-goods industries shift differential payments were most commonly expressed in terms of cents per hour.

Reflecting the effects of material supply restrictions on Detroit's major manufacturing industries, 90 percent of the plant workers in manufacturing industries were scheduled to work 40 hours a week in December 1951. In nonmanufacturing industries, by contrast, about a third of the nonoffice workers in public utilities, wholesale trade, and services had a workweek of more than 40 hours. A 48-hour workweek was scheduled for more than a third of the workers in retail trade. Office workers in manufacturing and wholesale and retail trade establishments were generally scheduled to work 40 hours a week. Shorter workweeks, however, were common for many office workers in the public utilities, finance, and insurance, and services divisions.

Table A-1: *Office Occupations - Continued*

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Detroit, Mich., by industry division, December 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																							
		Weekly hours (Standard)	Weekly earnings (Standard)	Under \$ 32.50	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 72.50	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 105.00 and over
Women - Continued																											
Typists, class B	4,725	39.5	\$ 44.50	60	231	309	433	669	606	1254	492	295	153	126	52	15	26	4	-	-	-	-	-	-	-	-	-
Manufacturing	1,459	40.0	47.50	-	19	18	51	139	220	300	261	163	119	78	32	9	19	1	-	-	-	-	-	-	-	-	-
Durable goods	1,180	40.0	47.50	-	15	17	45	115	188	235	220	134	110	62	21	9	8	1	-	-	-	-	-	-	-	-	-
Non-durable goods	279	40.0	47.50	-	4	1	36	24	32	65	41	29	9	16	11	-	11	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	3,266	39.5	43.00	60	212	291	352	530	386	954	231	132	34	48	20	6	7	3	-	-	-	-	-	-	-	-	
Public utilities *	289	38.5	43.00	18	10	11	3	86	80	29	42	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	443	40.5	45.00	20	6	26	24	48	109	21	90	60	5	24	2	5	-	3	-	-	-	-	-	-	-	-	
Retail trade	230	40.0	43.00	7	4	25	31	47	30	25	20	23	14	2	-	2	-	-	-	-	-	-	-	-	-	-	
Finance **	1,296	39.5	40.50	12	172	213	255	282	123	136	68	18	11	5	1	-	-	-	-	-	-	-	-	-	-	-	

1/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

2/ All workers at \$30 and under \$32.50.

3/ Workers were distributed as follows: 42 at \$27.50 and under 30; 51 at \$30 - 32.50.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1a: *Office Occupations - Motor Vehicles and Motor-Vehicle Equipment 1/*

(Average straight-time weekly hours and earnings 2/ for selected occupations in the Detroit Metropolitan Area, December 1951)

Occupation and sex	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																							
		Weekly hours (Standard)	Weekly earnings (Standard)	Under \$ 37.50	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 72.50	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00	\$ 105.00	\$ 105.00 and over
Men																											
Bookkeepers, hand	80	40.0	\$ 39.00	-	-	-	-	-	-	-	-	-	-	-	2	1	-	4	14	11	10	10	15	6	7	-	-
Clerks, accounting	628	40.0	80.00	-	-	-	-	-	-	-	1	4	9	21	32	11	41	66	118	98	107	47	39	4	-	-	-
Clerks, payroll	234	40.0	79.50	-	-	-	-	2	2	-	4	-	1	3	5	7	20	26	68	37	26	30	1	1	1	-	
Duplicating-machine operators	24	40.0	51.00	-	-	-	1	1	6	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office boys	442	40.0	45.50	13	5	4	14	44	47	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Women																											
Billers, machine, billing machine	84	40.0	59.00	-	-	-	5	5	-	-	1	1	10	11	24	11	13	3	-	-	-	-	-	-	-	-	-
Bookkeepers, hand	14	40.0	81.50	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	1	-	1	5	-	2	-	-	
Bookkeeping-machine operators, class A	232	40.0	64.00	-	-	-	-	3	6	4	27	27	27	30	40	45	8	4	6	3	2	-	-	-	-	-	
Bookkeeping-machine operators, class B	54	40.0	56.00	-	-	-	1	4	3	13	9	5	4	8	-	2	3	2	-	-	-	-	-	-	-	-	
Calculating-machine operators (Comptometer type)	1,334	40.0	60.50	-	14	6	15	26	43	63	84	177	160	205	136	189	152	34	14	16	-	-	-	-	-	-	
Clerks, accounting	354	40.0	65.00	-	-	-	1	15	5	8	13	21	36	36	42	35	38	28	36	21	12	5	2	-	-	-	
Clerks, file, class B	261	40.0	48.00	14	15	18	27	52	34	30	25	26	4	10	6	-	-	-	-	-	-	-	-	-	-	-	
Clerks, order	40	39.5	60.00	-	-	-	1	-	3	1	4	4	7	10	1	1	1	2	4	1	-	-	-	-	-	-	
Clerks, payroll	492	40.0	65.50	-	-	2	4	7	7	4	8	45	39	83	49	44	45	46	61	33	11	1	-	-	-	-	
Duplicating-machine operators	48	40.0	50.50	-	1	3	4	12	6	4	3	9	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
Key-punch operators	244	40.0	58.00	-	-	1	11	8	8	4	7	51	50	42	36	23	1	2	-	-	-	-	-	-	-	-	
Secretaries	1,051	40.0	72.50	-	-	-	-	-	-	2	5	19	21	65	118	90	154	105	101	131	113	102	19	4	1	1	
Stenographers, general	2,636	40.0	62.50	-	3	7	4	13	42	93	133	374	355	423	312	305	168	161	103	133	7	-	-	-	-	-	
Switchboard operators	231	40.0	60.00	-	-	-	1	2	3	2	22	35	30	48	75	11	1	-	1	-	-	-	-	-	-	-	
Switchboard operator-receptionists	72	40.0	55.00	-	-	-	6	11	3	10	9	7	2	10	5	6	2	-	1	-	-	-	-	-	-	-	
Tabulating-machine operators	47	40.0	63.00	-	-	-	1	1	1	2	4	5	4	4	6	3	1	2	3	2	-	-	-	-	-	-	
Transcribing-machine operators, general	58	40.0	59.00	-	-	-	1	1	1	3	4	10	15	4	11	4	2	-	2	-	-	-	-	-	-	-	
Typists, class A	2,156	40.0	58.00	-	-	1	3	13	35	59	559	417	331	341	256	123	18	-	-	-	-	-	-	-	-	-	
Typists, class B	602	40.0	48.00	13	26	35	87	124	109	67	55	58	21	5	1	-	-	-	-	-	-	-	-	-	-	-	

1/ The study covered establishments with more than 100 workers primarily engaged in producing motor vehicles and motor-vehicle equipment (Group 371), automobile stampings (Group 3462), automotive hardware (part of Group 3429), carburetors, pistons, and piston rings (part of Group 3599), and electrical equipment for automotive use (part of Group 3641). The industry group codes refer to Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-1b: *Office Occupations - Motor-Vehicle Parts and Accessories 1/*(Average straight-time weekly hours and earnings 2/ for selected occupations
in the Detroit Metropolitan Area, December 1951)

Occupation, sex, and size of establishment	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																							
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 30.00 and under	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00 and over	
Men																											
Bookkeepers, hand	26	40.0	\$ 92.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	3	2	5	6	
Establishments with 101 - 1,000 workers	24	40.0	90.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	3	2	5	4	
Clerks, accounting	102	40.0	80.00	-	-	-	-	-	-	-	-	-	-	2	-	5	3	6	20	16	13	20	9	4	4		
Establishments with 101 - 1,000 workers	59	40.0	77.00	-	-	-	-	-	-	-	-	-	-	2	-	4	3	6	14	10	5	8	7	-	-		
Establishments with 1,001 or more workers	43	39.5	84.50	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	6	8	12	2	4	4		
Clerks, general	41	40.0	86.00	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	6	2	6	12	5	5	3		
Clerks, payroll	36	40.0	76.50	-	-	-	-	-	-	2	2	-	1	-	1	3	-	2	9	-	5	-	8	1	2		
Establishments with 101 - 1,000 workers	15	40.0	81.50	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	-	5	-	6	-	-			
Establishments with 1,001 or more workers	21	40.0	72.50	-	-	-	-	-	2	2	-	-	-	1	2	-	2	7	-	-	-	2	1	2			
Office boys	25	40.0	41.00	-	2	11	3	1	1	3	1	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	19	40.0	39.50	-	-	11	3	-	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators	28	40.0	76.00	-	-	-	-	-	-	1	1	-	-	-	1	-	3	1	4	6	4	3	4	-	-		
Establishments with 1,001 or more workers	24	40.0	75.50	-	-	-	-	-	-	1	1	-	-	-	1	-	3	1	2	6	4	1	4	-	-		
Women																											
Billers, machine (billing machine)	28	40.0	56.00	-	-	-	-	-	5	3	-	1	-	2	4	5	4	3	1	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	20	39.5	55.00	-	-	-	-	-	5	1	-	1	-	2	4	2	4	-	1	-	-	-	-	-	-	-	
Bookkeeping-machine operators, class A ...	28	39.5	61.00	-	-	-	-	-	-	3	6	1	2	6	3	1	-	-	-	-	1	3	2	-	-	-	
Establishments with 1,001 or more workers	21	39.0	58.00	-	-	-	-	-	-	3	6	1	2	4	3	-	-	-	-	-	-	2	-	-	-	-	
Bookkeeping-machine operators, class B ...	34	40.0	56.50	-	-	-	-	-	1	1	2	8	4	4	3	6	-	2	3	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	21	40.0	56.50	-	-	-	-	-	1	-	5	4	4	1	4	-	1	1	-	-	-	-	-	-	-	-	
Calculating-machine operators (Comptometer type)	176	40.0	54.50	-	-	-	12	-	3	9	25	19	19	18	18	24	19	5	3	2	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	77	40.0	53.00	-	-	-	6	-	2	7	15	11	8	7	2	6	5	5	3	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	99	39.5	56.00	-	-	-	6	-	1	2	10	8	11	11	16	18	14	-	-	2	-	-	-	-	-	-	
Clerks, accounting	154	40.0	61.50	-	-	-	-	-	1	14	5	8	11	12	15	12	21	21	11	17	1	2	2	1	-	-	
Establishments with 101 - 1,000 workers	94	40.0	58.00	-	-	-	-	-	1	14	3	8	10	10	11	4	9	15	6	3	-	-	-	-	-	-	
Establishments with 1,001 or more workers	60	40.0	67.00	-	-	-	-	-	-	-	2	-	1	2	4	8	12	6	5	14	1	2	2	1	-	-	
Clerks, file, class B	79	40.0	43.50	4	3	7	14	7	15	7	8	2	4	8	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	24	40.0	44.50	4	3	3	-	1	-	3	2	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	55	40.0	43.00	-	-	4	14	6	15	4	6	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

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Table A-1b: *Office Occupations - Motor-Vehicle Parts and Accessories 1/ - Continued*

(Average straight-time weekly hours and earnings 2/ for selected occupations in the Detroit Metropolitan Area, December 1951)

Occupation, sex, and size of establishment	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																											
		Weekly hours (Standard)	Weekly earnings (Standard)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
				30.00 and under	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00	100.00	and over				
<i>Women - Continued</i>																															
Clerks, order	31	39.5	\$ 56.50	-	-	-	-	-	1	-	3	1	4	4	7	10	-	-	1	-	-	-	-	-	-	-	-	-			
Establishments with 1,001 or more workers	23	39.5	56.50	-	-	-	-	-	1	-	3	1	2	3	2	10	-	-	1	-	-	-	-	-	-	-	-	-			
Clerks, payroll	87	40.0	63.50	-	-	-	-	-	2	5	6	3	1	9	9	15	11	1	5	6	5	5	1	-	-	-	3	-			
Establishments with 101 - 1,000 workers	57	40.0	60.50	-	-	-	-	-	-	5	5	1	1	8	8	10	10	1	5	-	-	-	-	-	-	-	-	3			
Establishments with 1,001 or more workers	30	40.0	68.50	-	-	-	-	-	2	-	1	2	-	1	1	5	1	-	-	6	5	5	1	-	-	-	-	-			
Duplicating-machine operators	24	40.0	46.50	-	-	-	1	3	3	8	-	-	1	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Establishments with 101 - 1,000 workers	12	40.0	50.00	-	-	-	1	-	2	3	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Key-punch operators	63	40.0	55.50	-	-	-	-	-	8	7	4	2	2	7	9	18	3	1	-	2	-	-	-	-	-	-	-	-			
Establishments with 1,001 or more workers	51	40.0	54.00	-	-	-	-	-	8	7	4	2	2	1	9	14	3	1	-	-	-	-	-	-	-	-	-	-			
Secretaries	245	40.0	70.50	-	-	-	-	-	-	-	-	2	3	15	13	15	17	16	52	50	27	20	6	3	4	2	-				
Establishments with 101 - 1,000 workers	134	40.0	69.00	-	-	-	-	-	-	-	-	-	3	8	6	7	13	12	40	25	5	8	4	1	-	-	2				
Establishments with 1,001 or more workers	111	40.0	72.00	-	-	-	-	-	-	-	-	2	-	7	7	8	4	4	12	25	22	12	2	2	4	-	-				
Stenographers, general	305	40.0	57.00	-	-	-	3	7	4	8	30	26	24	47	30	63	21	24	13	3	2	-	-	-	-	-	-				
Establishments with 101 - 1,000 workers	155	40.0	56.50	-	-	-	3	3	-	2	13	15	12	25	17	48	5	4	7	1	-	-	-	-	-	-	-				
Establishments with 1,001 or more workers	150	40.0	57.50	-	-	-	-	4	4	6	17	11	12	22	13	15	16	20	6	2	2	-	-	-	-	-	-				
Switchboard operators	11	39.5	60.50	-	-	-	-	-	1	-	1	-	-	-	1	4	-	3	-	1	-	-	-	-	-	-	-				
Switchboard operator-receptionists	69	40.0	54.50	-	-	-	-	-	6	11	3	9	9	7	2	10	5	5	2	-	-	-	-	-	-	-	-				
Establishments with 101 - 1,000 workers	51	40.0	53.00	-	-	-	-	-	4	11	3	9	7	3	1	7	3	3	-	-	-	-	-	-	-	-	-				
Establishments with 1,001 or more workers	18	40.0	59.00	-	-	-	-	-	2	-	-	-	2	4	1	3	2	2	2	-	-	-	-	-	-	-	-				
Tabulating-machine operators	16	40.0	57.50	-	-	-	-	-	-	-	1	2	4	2	3	-	-	2	2	-	-	-	-	-	-	-	-				
Transcribing-machine operators, general ...	17	40.0	55.50	-	-	-	-	-	1	1	1	2	3	3	1	1	3	1	-	-	-	-	-	-	-	-	-				
Typists, class A	202	40.0	58.50	-	-	-	-	1	3	2	4	25	22	22	13	76	18	9	7	-	-	-	-	-	-	-	-				
Establishments with 101 - 1,000 workers	106	40.0	59.00	-	-	-	-	1	3	2	2	10	9	2	7	59	3	3	5	-	-	-	-	-	-	-	-				
Establishments with 1,001 or more workers	96	40.0	58.00	-	-	-	-	-	-	-	2	15	13	20	6	17	15	6	2	-	-	-	-	-	-	-	-				
Typists, class B	312	40.0	47.00	-	5	8	22	20	47	73	45	27	14	40	9	1	-	1	-	-	-	-	-	-	-	-	-				
Establishments with 101 - 1,000 workers	133	40.0	48.00	-	5	7	4	9	13	40	4	6	6	36	1	1	-	1	-	-	-	-	-	-	-	-	-				
Establishments with 1,001 or more workers	179	40.0	46.50	-	-	1	18	11	34	33	41	21	8	4	8	-	-	-	-	-	-	-	-	-	-	-	-				

1/ Includes all establishments grouped in motor vehicles and motor-vehicle equipment (see footnote to table A-1a) other than operations of Ford, Chrysler, General Motors, Hudson, Packard, Briggs, and Murray; this definition was agreed upon in consultation with the Wage Stabilization Board, Region VI-B.
 2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

Table A-2: Professional and Technical Occupations

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Detroit, Mich., by industry division, December 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																											
		Weekly hours (Standard)	Weekly earnings (Standard)	Under \$50.00	\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$65.00	\$67.50	\$70.00	\$72.50	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00	\$100.00	\$105.00	\$110.00	\$115.00	\$120.00	\$125.00	\$130.00 and over					
				50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	72.50	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	over					
Men																															
Draftsmen, chief	179	40.0	129.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	12	23	5	17	19	17	83					
Manufacturing	131	40.0	128.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	5	17	19	11	59				
Nonmanufacturing	48	40.0	129.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3	24				
Draftsmen	2,124	40.0	98.50	-	-	-	-	1	5	9	14	122	28	108	198	145	316	282	239	165	112	95	86	39	160						
Manufacturing	1,576	40.0	101.50	-	-	-	-	1	1	5	11	8	11	63	94	114	269	270	174	153	100	86	62	36	118						
Durable goods	1,483	40.0	102.00	-	-	-	-	1	1	4	8	8	8	54	85	98	265	262	170	145	84	78	59	35	118						
Nondurable goods	93	40.0	97.00	-	-	-	-	-	-	1	3	9	3	9	16	4	8	4	8	16	8	3	1	-	-						
Nonmanufacturing	548	40.0	90.00	-	-	-	-	4	4	3	114	17	45	104	31	47	12	65	12	12	9	24	3	42							
Public utilities *	76	40.0	81.00	-	-	-	-	-	-	1	2	16	23	10	15	9	-	-	-	-	-	-	-	-	-	-					
Services	421	40.0	91.00	-	-	-	-	4	4	2	111	1	19	94	13	36	11	24	12	12	9	24	3	42							
Draftsmen, junior	873	40.0	72.50	50	41	4	22	13	60	52	40	81	63	75	60	194	79	11	10	4	14	-	-	-	-						
Manufacturing	729	40.0	75.50	14	12	1	14	10	33	50	35	79	35	74	60	194	79	11	10	4	14	-	-	-	-						
Durable goods	682	40.0	76.00	9	12	1	14	10	26	40	35	76	29	69	54	194	75	10	10	4	14	-	-	-	-						
Nondurable goods	47	40.0	69.00	5	-	-	-	-	7	10	-	3	6	5	6	-	-	-	-	1	-	-	-	-	-						
Tracers	189	40.0	63.50	19	17	12	17	7	23	7	4	13	19	13	32	6	-	-	-	-	-	-	-	-	-						
Manufacturing	170	40.0	65.00	9	14	11	15	6	21	7	4	13	19	13	32	6	-	-	-	-	-	-	-	-	-						
Women																															
Nurses, industrial (registered)	518	40.0	68.50	-	11	2	11	18	38	108	76	47	45	67	57	25	30	-	3	-	-	-	-	-	-						
Manufacturing	495	40.0	69.00	-	9	-	9	17	38	108	72	41	44	66	56	25	7	-	3	-	-	-	-	-	-						
Durable goods	458	40.0	69.00	-	5	-	9	14	35	99	63	40	42	63	53	25	7	-	3	-	-	-	-	-	-						
Nondurable goods	37	40.0	64.50	-	4	-	-	3	3	9	9	1	2	3	3	-	-	-	-	-	-	-	-	-	-						
Nonmanufacturing	23	39.0	66.50	-	2	2	2	1	-	-	4	6	1	1	1	-	3	-	-	-	-	-	-	-	-						
Public utilities *	14	38.5	69.00	-	2	1	-	1	-	-	-	6	-	-	1	-	3	-	-	-	-	-	-	-	-						

1/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.
* Transportation (excluding railroads), communication, and other public utilities.

Table A-2a: Professional and Technical Occupations - Motor Vehicles and Motor-Vehicle Equipment 1/

(Average straight-time weekly hours and earnings 2/ for selected occupations in the Detroit Metropolitan Area, December 1951)

Occupation and sex	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																							
		Weekly hours (Standard)	Weekly earnings (Standard)	Under \$60.00	\$60.00	\$62.50	\$65.00	\$67.50	\$70.00	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00	\$100.00	\$105.00	\$110.00	\$115.00	\$120.00	\$125.00	\$130.00	\$135.00	\$140.00	\$145.00	\$150.00	\$155.00	
				60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	
Men																											
Draftsmen, chief	55	40.0	132.00	-	-	-	-	-	-	-	-	-	-	-	2	4	-	4	7	3	1	10	3	3	10	3	5
Draftsmen	749	40.0	107.50	-	1	1	1	1	2	6	28	64	98	78	78	81	66	60	52	34	47	15	17	14	5	-	
Draftsmen, junior	300	40.0	78.00	26	22	11	7	20	17	40	71	61	3	4	4	14	-	-	-	-	-	-	-	-	-	-	
Tracers	57	40.0	67.50	3/15	3	2	-	12	7	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Women																											
Nurses, industrial (registered)	331	40.0	69.00	8	22	90	40	37	78	43	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1/ The study covered establishments with more than 100 workers primarily engaged in producing motor vehicles and motor-vehicle equipment (Group 371), automobile stampings (Group 3462), automotive hardware (part of Group 3429), carburetors, pistons, and piston rings (part of Group 3599), and electrical equipment for automotive use (part of Group 3641). The industry group codes refer to Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

3/ Workers were distributed as follows: 1 at \$42.50 and under 45; 1 at \$45 - 47.50; 1 at \$47.50 - 50; 4 at \$50 - 52.50; 2 at \$52.50 - 55; 2 at \$55 - 57.50; 4 at \$57.50 - 60.

Table A-2b: *Professional and Technical Occupations - Motor-Vehicle Parts and Accessories 1/*(Average straight-time weekly hours and earnings 2/ for selected occupations
in the Detroit Metropolitan Area, December 1951)

Occupation, sex, and size of establishment	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																							
		Weekly hours (Standard)	Weekly earnings (Standard)	Under \$47.50	\$47.50-50.00	\$50.00-52.50	\$52.50-55.00	\$55.00-57.50	\$57.50-60.00	\$60.00-62.50	\$62.50-65.00	\$65.00-70.00	\$70.00-75.00	\$75.00-80.00	\$80.00-85.00	\$85.00-90.00	\$90.00-95.00	\$95.00-100.00	\$100.00-105.00	\$105.00-110.00	\$110.00-115.00	\$115.00-120.00	\$120.00-125.00	\$125.00-130.00	\$130.00-135.00	\$135.00 and over	
Men																											
Draftsmen, chief	22	40.0	\$114.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	4	6	1	1	4	-	
Establishments with 101 - 1,000 workers	10	40.0	113.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	-	-	-	
Establishments with 1,001 or more workers	12	40.0	115.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	1	1	4	-	
Draftsmen	191	40.0	98.50	-	-	-	-	-	1	1	2	2	4	15	28	39	20	30	4	18	12	4	1	3	7	-	
Establishments with 101 - 1,000 workers	86	40.0	92.50	-	-	-	-	-	-	-	-	1	-	9	19	27	7	20	1	2	-	-	-	-	-	-	
Establishments with 1,001 or more workers	105	40.0	103.50	-	-	-	-	-	1	1	2	1	4	6	9	12	13	10	3	16	12	4	1	3	7	-	
Draftsmen, junior	91	40.0	70.50	-	1	12	1	8	3	7	9	17	6	8	3	6	-	-	2	8	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	36	40.0	63.00	-	-	10	-	-	1	7	1	13	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	55	40.0	75.00	-	1	2	1	8	2	-	8	4	4	7	2	6	-	-	2	8	-	-	-	-	-	-	
Tracers	22	40.0	58.00	2	1	4	2	2	3	3	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	11	40.0	54.50	1	1	4	2	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	11	40.0	61.50	1	-	-	-	2	1	3	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Women																											
Nurses, industrial (registered)	88	40.0	63.50	-	-	3	-	-	2	13	15	23	17	8	5	2	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	39	40.0	63.00	-	-	3	-	-	-	7	6	8	7	2	4	2	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	49	40.0	63.50	-	-	-	-	-	2	6	9	15	10	6	1	-	-	-	-	-	-	-	-	-	-	-	

1/ Includes all establishments grouped in motor vehicles and motor-vehicle equipment (see footnote to table A-1a) other than operations of Ford, Chrysler, General Motors, Hudson, Packard, Briggs, and Murray; this definition was agreed upon in consultation with the Wage Stabilization Board, Region VI-B.

2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

Table A-3: *Maintenance and Power Plant Occupations*

(Average hourly earnings 1/ for men in selected occupations studied on an area basis in Detroit, Mich., by industry division, December 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																										
			Under \$1.35	\$1.35-1.40	\$1.40-1.45	\$1.45-1.50	\$1.50-1.55	\$1.55-1.60	\$1.60-1.65	\$1.65-1.70	\$1.70-1.75	\$1.75-1.80	\$1.80-1.85	\$1.85-1.90	\$1.90-1.95	\$1.95-2.00	\$2.00-2.05	\$2.05-2.10	\$2.10-2.15	\$2.15-2.20	\$2.20-2.25	\$2.25-2.30	\$2.30-2.35	\$2.35-2.40	\$2.40-2.50	\$2.50-2.60	\$2.60-2.70	\$2.70-2.80	\$2.80 and over
Carpenters, maintenance	1,180	2.08	-	-	1	-	-	-	-	1	10	36	16	34	77	210	79	105	345	138	42	2	2	-	30	10	22	20	-
Manufacturing	1,029	2.07	-	-	-	-	-	-	-	-	3	16	13	34	64	197	76	93	338	137	35	1	2	-	-	10	10	-	
Durable goods	851	2.07	-	-	-	-	-	-	-	-	2	-	9	23	52	139	76	50	327	135	35	1	2	-	-	-	-	-	
Non-durable goods	178	2.04	-	-	-	-	-	-	-	-	1	16	4	11	12	58	-	43	11	2	-	-	-	-	-	10	10	-	
Nonmanufacturing	151	2.20	-	-	1	-	-	-	-	1	7	20	3	-	13	13	3	12	7	1	7	1	-	-	30	-	12	20	
Public utilities *	36	1.98	-	-	-	-	-	-	-	-	-	2	-	-	11	11	-	12	-	-	-	-	-	-	-	-	-	-	
Retail trade	44	2.41	-	-	-	-	-	-	-	-	-	3	2	-	2	2	-	6	-	-	-	-	-	-	-	-	9	18	
Finance **	57	2.16	-	-	-	-	-	-	-	-	7	15	1	-	-	-	1	-	-	1	1	-	-	30	-	-	-	-	
Services	12	2.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	-	-	-	3	2	-	

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-3: Maintenance and Power Plant Occupations - Continued

(Average hourly earnings 1/ for men in selected occupations studied on an area basis in Detroit, Mich., by industry division, December 1951)

Table with columns: Occupation and industry division, Number of workers, Average hourly earnings, and a grid of worker counts for hourly earnings from \$1.35 to \$2.80 and over. Rows include Electricians, Engineers, Firemen, Helpers, Machine-tool operators, Machinists, Maintenance men, and Mechanics.

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-3b: *Maintenance and Power Plant Occupations - Motor-Vehicle Parts and Accessories* 1/(Average hourly earnings 2/ for men in selected occupations
in the Detroit Metropolitan Area, December 1951)

Occupation and size of establishment	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF-																								
			\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.35	\$ 2.40	\$ 2.45	\$ 2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90
			1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.60	2.70	2.80	2.90	
Carpenters, maintenance	103	2.10	-	-	-	-	-	-	-	4	4	12	9	61	8	2	1	2	-	-	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	37	2.10	-	-	-	-	-	-	-	-	4	4	5	4	21	-	-	-	-	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	66	2.10	-	-	-	-	-	-	-	-	4	7	5	40	8	2	1	2	-	-	-	-	-	-	-	-	-
Electricians, maintenance	371	2.17	-	-	-	-	-	3	-	-	14	5	25	39	141	136	4	2	-	-	-	-	2	-	-	-	
Establishments with 101 - 1,000 workers	125	2.15	-	-	-	-	-	3	-	-	-	5	20	11	63	19	4	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	246	2.18	-	-	-	-	-	-	-	-	14	5	25	28	78	117	-	2	-	-	-	-	2	-	-	-	
Engineers, stationary	49	2.06	-	-	6	-	-	4	-	-	6	5	-	2	9	10	7	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	21	1.97	-	-	6	-	-	-	-	-	4	5	-	-	6	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	28	2.13	-	-	-	-	-	4	-	-	2	-	-	2	9	4	7	-	-	-	-	-	-	-	-	-	
Firemen, stationary boiler	99	1.87	13	-	-	-	-	8	9	22	4	30	-	6	4	3	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	45	1.87	5	-	-	-	-	8	9	22	-	-	-	6	3	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	54	1.88	8	-	-	-	-	-	-	-	4	30	-	-	4	-	-	-	-	-	-	-	-	-	-	-	
Helpers, trades, maintenance	45	1.86	-	-	-	1	5	8	5	12	2	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	24	1.92	-	-	-	-	-	4	5	1	2	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	21	1.80	-	-	-	1	5	4	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, toolroom	315	2.26	-	-	-	-	-	-	3	-	3	6	16	-	24	76	55	113	8	7	4	-	-	-	-	-	
Establishments with 101 - 1,000 workers	140	2.28	-	-	-	-	-	-	3	-	3	-	3	-	9	12	20	81	-	5	4	-	-	-	-	-	
Establishments with 1,001 or more workers	175	2.24	-	-	-	-	-	-	-	-	-	6	13	-	15	64	35	32	8	2	-	-	-	-	-	-	
Machinists, maintenance	168	2.25	-	-	-	-	-	-	-	-	4	9	-	12	16	52	33	3	16	21	-	2	-	-	-	-	
Establishments with 101 - 1,000 workers	66	2.25	-	-	-	-	-	-	-	-	4	5	-	6	7	13	1	3	6	21	-	-	-	-	-	-	
Establishments with 1,001 or more workers	102	2.24	-	-	-	-	-	-	-	-	-	4	-	6	9	39	32	-	10	-	-	2	-	-	-	-	
Maintenance men, general utility	102	2.15	-	-	-	-	-	-	-	-	-	-	21	-	25	22	27	-	3	4	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	102	2.15	-	-	-	-	-	-	-	-	-	-	21	-	25	22	27	-	3	4	-	-	-	-	-	-	
Mechanics, automotive (maintenance)	30	2.07	-	-	-	-	-	-	-	1	4	8	5	7	5	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	11	2.11	-	-	-	-	-	-	-	-	-	-	4	7	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	19	2.04	-	-	-	-	-	-	-	1	4	8	1	-	5	-	-	-	-	-	-	-	-	-	-	-	
Mechanics, maintenance	362	2.19	-	-	-	-	-	-	5	-	26	8	57	36	21	112	7	18	72	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	158	2.15	-	-	-	-	-	-	5	-	8	45	36	-	63	1	10	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	194	2.23	-	-	-	-	-	-	-	-	26	-	12	-	21	49	6	8	72	-	-	-	-	-	-	-	
Millwrights	332	2.13	-	-	-	-	-	-	-	16	6	13	53	140	54	41	5	4	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	123	2.08	-	-	-	-	-	-	-	16	-	13	43	44	2	-	5	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	209	2.15	-	-	-	-	-	-	-	-	6	-	10	96	52	41	-	4	-	-	-	-	-	-	-	-	
Oilers	152	1.82	-	-	13	6	-	35	20	70	4	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	47	1.86	-	-	-	-	-	10	16	13	4	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	105	1.80	-	-	13	6	-	25	4	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Painters, maintenance	36	2.06	-	-	-	-	-	-	-	6	-	2	4	9	14	1	-	-	-	-	-	-	-	-	-	-	
Establishments with 101 - 1,000 workers	27	2.09	-	-	-	-	-	-	-	-	2	4	6	14	1	-	-	-	-	-	-	-	-	-	-	-	
Pipe fitters, maintenance	192	2.13	-	-	-	-	-	-	-	-	8	5	26	60	80	10	1	2	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	144	2.14	-	-	-	-	-	-	-	-	8	-	11	33	80	10	-	2	-	-	-	-	-	-	-	-	
Sheet-metal workers, maintenance	54	2.13	-	-	-	-	-	-	-	-	4	-	15	12	9	14	-	-	-	-	-	-	-	-	-	-	
Establishments with 1,001 or more workers	33	2.11	-	-	-	-	-	-	-	-	4	-	8	12	9	-	-	-	-	-	-	-	-	-	-	-	
Tool-and-die makers	1,092	2.38	-	-	-	-	-	-	-	-	-	-	-	-	42	51	63	239	184	168	284	58	-	-	-	3	
Establishments with 101 - 1,000 workers	587	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	46	19	64	42	71	284	58	-	-	-	3	
Establishments with 1,001 or more workers	505	2.33	-	-	-	-	-	-	-	-	-	-	-	-	42	5	44	175	142	97	-	-	-	-	-	-	

1/ Includes all establishments grouped in motor vehicles and motor vehicle equipment (see footnote to table A-1a) other than operations of Ford, Chrysler, General Motors, Hudson, Packard, Briggs, and Murray; this definition was agreed upon in consultation with the Wage Stabilization Board, Region VI-B.

2/ Excludes premium pay for overtime and night work.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-4: *Custodial, Warehousing, and Shipping Occupations*

(Average hourly earnings 1/ for selected occupations 2/ studied on an area basis in Detroit, Mich., by industry division, December 1951)

Occupation and sex	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																											
			Under \$0.75	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95	\$1.00	\$1.05	\$1.10	\$1.15	\$1.20	\$1.25	\$1.30	\$1.35	\$1.40	\$1.45	\$1.50	\$1.55	\$1.60	\$1.65	\$1.70	\$1.75	\$1.80	\$1.85	\$1.90	\$2.00	\$2.10 and over	
Crane operators, electric bridge (under 20 tons)	1,538	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	14	8	53	140	105	430	244	470	35	38	
Manufacturing	1,499	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	14	8	53	140	66	430	244	470	35	38	
Crane operators, electric bridge (20 tons and over) ..	624	1.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	33	133	43	53	247	28	59	
Guards	3,446	1.74	-	-	-	4	-	-	7	42	1	25	17	22	12	23	192	103	39	71	131	136	507	817	201	977	25	94	-	
Manufacturing	3,047	1.77	-	-	-	-	-	-	12	-	-	18	-	1	-	-	92	96	27	40	74	117	462	815	200	977	22	94	-	
Durable goods	2,804	1.78	-	-	-	-	-	-	-	-	-	-	-	1	-	-	92	96	5	40	74	102	332	775	200	971	22	94	-	
Nondurable goods	243	1.65	-	-	-	-	-	-	12	-	-	18	-	-	-	-	22	-	-	-	-	15	130	40	-	6	-	-	-	
Nonmanufacturing	399	1.45	-	-	-	4	-	-	7	30	1	7	17	21	12	23	100	7	12	31	57	19	45	2	1	-	3	-	-	
Finance **	322	1.41	-	-	-	-	-	-	3	30	1	7	17	21	12	23	95	7	12	31	52	5	1	2	-	-	3	-	-	
Services	13	1.12	-	-	-	4	-	-	4	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	
Janitors, porters, and cleaners (men)	9,691	1.47	98	77	153	120	103	149	179	211	286	374	231	240	188	201	324	211	510	1232	3039	1019	568	23	22	51	77	-	5	
Manufacturing	6,876	1.60	-	-	-	-	-	-	9	8	20	26	19	3	136	122	249	91	432	1063	2989	1013	560	17	4	33	77	-	5	
Durable goods	5,959	1.61	-	-	-	-	-	-	-	-	18	-	7	2	132	28	63	19	346	1052	2820	908	519	15	-	30	-	-	-	
Nondurable goods	917	1.54	-	-	-	-	-	-	9	8	2	26	12	1	4	94	186	72	86	11	169	105	41	2	4	3	77	-	5	
Nonmanufacturing	2,815	1.16	98	77	153	120	103	149	170	203	266	348	212	237	52	79	75	120	78	169	50	6	8	6	18	18	-	-	-	
Public utilities *	144	1.40	-	-	-	-	-	1	3	30	11	32	10	40	4	56	10	57	21	137	-	2	-	-	-	-	-	-	-	
Wholesale trade	241	1.32	-	-	-	-	33	-	20	3	3	4	29	21	10	1	26	7	11	22	43	1	1	6	-	-	-	-	-	
Retail trade	985	1.07	82	77	41	54	53	25	106	50	70	220	45	30	15	6	9	50	28	10	7	-	7	-	-	-	-	-	-	
Finance **	710	1.22	3	-	-	-	1	6	23	77	154	92	128	144	23	14	1	6	2	-	-	-	-	-	18	18	-	-	-	
Services	465	.98	13	-	112	66	16	117	18	43	28	-	-	2	-	2	29	-	16	-	-	3	-	-	-	-	-	-	-	
Janitors, porters, and cleaners (women)	3,500	1.06	151	164	125	467	496	483	551	45	234	12	10	12	51	48	23	20	75	157	332	32	8	-	-	-	4	-	-	
Manufacturing	730	1.52	-	-	-	5	22	2	-	8	9	-	-	7	8	34	2	23	20	61	157	332	32	8	-	-	-	-	-	
Durable goods	627	1.57	-	-	-	-	-	-	-	-	-	-	-	7	8	31	-	20	4	59	149	323	26	8	-	-	-	-	-	
Nondurable goods	103	1.26	-	-	-	5	22	2	-	8	9	-	-	8	3	2	3	16	2	8	9	6	-	-	-	-	-	-	-	
Nonmanufacturing	2,770	.94	151	164	125	474	481	551	37	225	12	3	4	17	46	-	-	14	-	-	-	-	-	-	-	-	4	-	-	
Public utilities *	86	1.18	-	6	12	1	1	3	2	8	-	4	2	-	3	44	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	19	1.27	-	-	-	-	-	-	-	-	-	5	-	3	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	435	.98	12	14	74	17	44	120	26	19	88	-	-	-	3	-	-	-	14	-	-	-	-	-	-	-	4	-	-	
Finance **	1,664	.90	123	134	18	372	377	348	283	5	-	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Services	566	.98	16	10	21	72	52	10	240	5	137	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Order fillers	2,303	1.58	-	-	-	-	4	12	7	4	-	281	48	51	25	121	80	33	153	89	142	161	621	281	70	28	19	35	38	
Manufacturing	971	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	30	48	67	43	458	247	16	22	10	-	-	
Durable goods	816	1.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	67	30	453	217	16	22	10	-	-
Nondurable goods	155	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	29	48	-	13	5	30	-	-	-	-	-	-
Nonmanufacturing	1,332	1.49	-	-	-	-	4	12	7	4	-	281	48	51	25	91	80	33	123	41	75	118	163	34	54	6	9	35	38	
Wholesale trade	1,051	1.48	-	-	-	-	-	12	1	-	-	281	40	50	13	70	38	4	108	21	39	95	118	26	50	6	9	32	38	
Retail trade	221	1.54	-	-	-	-	-	-	-	-	-	-	8	-	-	21	42	25	14	-	35	22	43	-	-	-	3	-	-	
Packers (men)	3,448	1.71	-	-	-	2	2	4	10	7	2	-	10	60	25	33	44	127	306	96	165	537	742	570	217	373	71	-	75	
Manufacturing	2,981	1.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	126	42	96	159	531	742	563	197	373	69	-	75	
Durable goods	2,511	1.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	122	2	26	159	418	685	526	197	373	30	-	-	
Nondurable goods	440	1.83	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	40	70	-	113	57	37	-	-	-	39	-	3/75	
Nonmanufacturing	467	1.44	-	-	-	2	2	4	10	7	2	-	10	60	25	33	6	1	264	-	6	6	-	7	20	-	2	-	-	
Wholesale trade	434	1.46	-	-	-	-	1	-	1	-	-	-	5	60	25	33	6	-	263	-	5	6	-	7	20	-	2	-	-	

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-4: *Custodial, Warehousing, and Shipping Occupations - Continued*

(Average hourly earnings ^{1/} for selected occupations ^{2/} studied on an area basis in Detroit, Mich., by industry division, December 1951)

Occupation and sex	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																										
			Under \$0.75	\$0.75-.80	\$0.80-.85	\$0.85-.90	\$0.90-.95	\$0.95-1.00	\$1.00-1.05	\$1.05-1.10	\$1.10-1.15	\$1.15-1.20	\$1.20-1.25	\$1.25-1.30	\$1.30-1.35	\$1.35-1.40	\$1.40-1.45	\$1.45-1.50	\$1.50-1.55	\$1.55-1.60	\$1.60-1.65	\$1.65-1.70	\$1.70-1.75	\$1.75-1.80	\$1.80-1.85	\$1.85-1.90	\$1.90-2.00	\$2.00-2.10	\$2.10 and over
Packers (women)	1,594	1.39	-	12	36	31	8	-	1	433	32	17	72	36	2	16	4	24	11	119	286	348	94	7	5	-	-	-	-
Manufacturing	1,374	1.44	-	-	-	-	-	-	-	432	-	-	26	30	-	-	-	-	5	119	280	348	94	7	5	-	-	-	-
Nonmanufacturing	220	1.07	-	12	36	31	8	-	1	1	32	17	46	6	2	16	4	-	6	-	6	-	-	-	-	-	-	-	-
Wholesale trade	79	1.25	-	-	-	-	-	-	-	-	30	10	5	6	-	16	-	-	6	-	6	-	-	-	-	-	-	-	-
Retail trade	141	.98	-	12	36	31	8	-	1	1	2	7	41	-	2	-	-	-	6	-	6	-	-	-	-	-	-	-	-
Receiving clerks	853	1.75	4	4	-	-	-	-	4	6	5	4	2	2	2	-	20	23	3	1	46	7	305	25	51	280	30	8	21
Manufacturing	717	1.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	7	299	17	49	280	24	8	21	
Durable goods	694	1.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4	299	17	39	279	22	7	16	
Nondurable goods	23	1.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	10	1	2	1	5	-
Nonmanufacturing	136	1.45	4	4	-	-	-	-	4	6	5	4	2	2	2	-	20	23	3	-	35	-	6	8	2	-	6	-	-
Wholesale trade	80	1.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	21	3	-	30	-	6	-	-	-	6	-	-
Retail trade	47	1.35	4	4	-	-	-	-	4	-	4	4	2	2	2	-	-	2	-	-	5	-	6	-	2	-	6	-	-
Shipping clerks	1,137	1.82	-	-	-	-	-	-	-	4	2	12	6	-	8	-	2	15	11	2	8	43	174	98	68	569	43	23	49
Manufacturing	986	1.84	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	10	3	-	4	21	172	82	58	529	43	21	39
Durable goods	934	1.84	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	10	3	-	3	21	169	79	48	528	23	11	30
Nondurable goods	52	1.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	3	10	1	15	10	9
Nonmanufacturing	151	1.67	-	-	-	-	-	-	-	4	2	8	6	-	8	-	2	5	8	2	4	22	2	16	10	40	-	2	10
Wholesale trade	71	1.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	3	10	2	3	10	38	-	2	-	-
Retail trade	63	1.64	-	-	-	-	-	-	-	4	2	-	6	-	-	-	2	-	-	8	2	1	12	2	12	-	2	-	10
Shipping and receiving clerks	820	1.79	-	-	-	1	-	-	-	-	-	-	-	-	8	44	26	17	54	41	24	78	126	222	63	15	39	62	
Manufacturing	595	1.82	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	53	34	7	78	120	175	44	14	20	44	
Durable goods	512	1.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	32	20	2	78	118	175	27	6	18	35	
Nondurable goods	83	1.78	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	21	14	5	2	-	2	17	8	2	9	
Nonmanufacturing	225	1.70	-	-	-	1	-	-	-	-	-	-	-	-	8	42	22	17	1	7	17	-	6	47	19	1	19	18	
Public utilities *	29	1.84	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	2	-	-	-	-	-	17	-	6	-
Wholesale trade	160	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	32	20	5	1	6	17	-	6	42	-	1	19	11	
Retail trade	31	1.47	-	-	-	1	-	-	-	-	-	-	-	-	8	8	-	10	-	1	-	-	-	3	-	-	-	-	-
Stock handlers and truckers, hand	14,786	1.64	-	-	3	28	36	49	128	105	291	180	100	85	150	166	343	730	311	1094	816	3672	1808	2297	1840	355	45	66	88
Manufacturing	11,620	1.70	-	-	-	-	-	-	-	-	5	17	48	5	5	87	208	374	115	835	664	3320	1195	2126	1802	339	45	42	88
Durable goods	10,283	1.71	-	-	-	-	-	-	-	-	-	-	-	-	65	-	257	55	668	592	3211	1370	2085	1768	212	-	-	-	-
Nondurable goods	1,337	1.65	-	-	-	-	-	-	-	-	5	17	48	5	5	22	208	117	60	167	72	109	125	41	34	127	45	42	88
Nonmanufacturing	3,166	1.44	-	-	3	28	36	49	128	105	286	163	52	80	145	79	135	356	196	259	152	352	313	171	38	16	-	24	-
Public utilities *	754	1.59	-	-	-	-	-	-	-	40	4	8	8	16	-	4	4	-	51	224	14	271	30	67	7	-	6	-	-
Wholesale trade	1,432	1.41	-	-	-	-	20	-	-	40	252	67	40	54	133	69	78	157	25	89	63	93	104	27	6	-	18	-	-
Retail trade	936	1.38	-	-	3	22	10	43	125	25	30	88	4	10	12	-	53	195	39	10	48	18	190	-	4	10	-	-	-
Services	35	1.14	-	-	3	6	6	6	-	-	-	-	-	-	-	1	-	4	9	-	-	-	-	-	-	-	-	-	-
Truck drivers, light (under 1 1/2 tons)	1,007	1.66	-	-	-	-	-	2	11	2	-	34	21	37	2	43	2	2	7	10	17	285	92	220	146	58	1	15	-
Manufacturing	329	1.77	-	-	-	-	-	-	-	-	-	6	-	6	-	-	-	-	-	9	9	9	72	71	74	57	1	15	-
Durable goods	236	1.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9	7	57	42	72	27	1	15	-
Nondurable goods	93	1.71	-	-	-	-	-	-	-	-	6	-	6	-	-	-	-	-	-	3	-	2	15	29	2	30	-	-	-
Nonmanufacturing	678	1.61	-	-	-	-	2	11	2	-	28	21	31	2	43	2	2	7	1	8	276	20	119	72	1	-	-	-	-
Wholesale trade	172	1.48	-	-	-	-	-	-	-	-	-	20	20	30	-	20	1	-	3	-	1	-	20	57	-	-	-	-	-
Retail trade	420	1.68	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	2	-	6	261	-	89	54	-	-	-	-	-
Finance **	43	1.33	-	-	-	-	-	2	3	2	-	3	1	1	2	23	1	2	1	-	-	-	-	2	-	-	-	-	-
Services	10	1.44	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	3	-	1	-	1	-	-	-

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-4a: *Custodial, Warehousing, and Shipping Occupations - Motor Vehicles and Motor-Vehicle Equipment 1/*(Average hourly earnings 2/ for selected occupations 3/ in the
Detroit Metropolitan Area, December 1951)

Occupation	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																								
			\$ 1.10 and under	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30
			1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	
Crane operators, electric bridge (under 20 tons)	952	\$ 1.88	-	-	-	-	-	-	-	-	-	-	-	5	-	8	23	361	162	368	22	1	-	2	-	-	-
Guards	2,070	1.82	-	-	-	1	-	-	2	-	4	12	17	52	264	620	33	971	-	-	56	38	-	-	-	-	-
Janitors, porters, and cleaners (men)	4,246	1.61	1	-	3	2	3	1	-	1	155	922	2450	464	235	-	-	-	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners (women)	487	1.99	-	-	-	-	-	-	-	4	36	125	302	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Order fillers	553	1.73	-	-	-	-	-	-	-	-	-	-	8	24	399	90	10	22	-	-	-	-	-	-	-	-	-
Packers (men)	1,889	1.75	-	-	-	-	-	-	3	3	-	4	84	296	593	408	186	282	30	-	-	-	-	-	-	-	-
Packers (women)	644	1.66	-	-	-	-	-	-	-	-	-	-	80	280	192	80	7	5	-	-	-	-	-	-	-	-	-
Receiving clerks	581	1.80	-	-	-	-	-	-	-	-	-	-	-	-	272	11	12	260	19	-	2	2	-	-	-	-	3
Stock handlers and truckers, hand	6,869	1.72	-	-	-	-	-	-	-	-	-	-	153	369	2701	925	1042	1523	156	-	-	-	-	-	-	-	-
Truck drivers, light (under 1½ tons)	128	1.80	-	-	-	-	-	-	-	-	-	-	-	2	37	16	53	19	1	-	-	-	-	-	-	-	-
Truck drivers, medium (1½ to and including 4 tons) ...	573	1.80	-	-	-	-	-	-	-	-	-	3	-	6	-	5	195	324	40	-	-	-	-	-	-	-	-
Truck drivers, heavy (over 4 tons, trailer type)	687	1.82	-	-	-	-	-	-	-	-	-	-	-	4	3	31	608	38	3	-	-	-	-	-	-	-	-
Truckers, power (fork-lift)	2,967	1.75	-	-	-	-	-	-	3	3	-	-	-	36	50	1360	686	694	105	30	-	-	-	-	-	-	-
Truckers, power (other than fork-lift)	906	1.77	-	-	-	-	-	-	-	-	-	-	-	17	278	462	119	-	30	-	-	-	-	-	-	-	-
Watchmen	403	1.70	-	-	-	3	9	-	8	-	20	10	6	52	31	15	-	151	98	-	-	-	-	-	-	-	-

1/ The study covered establishments with more than 100 workers primarily engaged in producing motor vehicles and motor-vehicle equipment (Group 371), automobile stampings (Group 3462), automotive hardware (part of Group 3429), carburetors, pistons, and piston rings (part of Group 3599), and electrical equipment for automotive use (part of Group 3641). The industry group codes refer to Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Excludes premium pay for overtime and night work.

3/ Study limited to men workers except where otherwise indicated.

Table A-4b: *Custodial, Warehousing, and Shipping Occupations - Motor-Vehicle Parts and Accessories 1/*(Average hourly earnings 2/ for selected occupations 3/ in the
Detroit Metropolitan Area, December 1951)

Occupation and size of establishment	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																								
			\$ 1.10 and under	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30
			1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	
Crane operators, electric bridge (under 20 tons)	206	\$ 1.86	-	-	-	-	-	-	-	-	-	-	-	5	-	8	15	40	81	54	-	1	-	2	-	-	-
Establishments with 101 - 1,000 workers	35	1.81	-	-	-	-	-	-	-	-	-	-	-	5	-	2	10	6	3	8	-	1	-	-	-	-	-
Establishments with 1,001 or more workers	171	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	34	78	46	-	-	-	2	-	-	-
Guards	271	1.77	-	-	-	1	-	-	2	-	4	12	17	52	83	16	-	28	-	-	56	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	101	1.86	-	-	-	-	-	-	-	-	-	9	6	16	8	6	-	-	-	-	56	-	-	-	-	-	-
Establishments with 1,001 or more workers	170	1.72	-	-	-	1	-	-	2	-	4	3	11	36	75	10	-	28	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners (men)	800	1.62	1	-	3	2	3	1	-	1	129	75	270	228	87	-	-	-	-	-	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	422	1.63	1	-	3	2	3	1	-	1	51	51	126	96	87	-	-	-	-	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	378	1.61	-	-	-	-	-	-	-	-	78	24	144	132	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-4b: *Custodial, Warehousing, and Shipping Occupations - Motor-Vehicle Parts and Accessories 1/ - Continued*

(Average hourly earnings 2/ for selected occupations 3/ in the Detroit Metropolitan Area, December 1951)

Occupation and size of establishment	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																							
			\$ 1.10 and under	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25
			1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30
Janitors, porters, and cleaners, (women)	56	1.61	-	-	-	-	-	-	-	-	4	3	13	16	20	-	-	-	-	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	26	1.61	-	-	-	-	-	-	-	-	4	3	2	5	12	-	-	-	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	30	1.61	-	-	-	-	-	-	-	-	-	-	11	11	8	-	-	-	-	-	-	-	-	-	-	-
Order fillers	105	1.77	-	-	-	-	-	-	-	-	-	-	-	-	9	40	24	10	22	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	46	1.80	-	-	-	-	-	-	-	-	-	-	-	-	9	5	10	22	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	59	1.74	-	-	-	-	-	-	-	-	-	-	-	-	-	40	19	-	-	-	-	-	-	-	-	-
Packers (men)	445	1.74	-	-	-	-	-	-	-	3	3	-	4	50	42	176	119	11	7	30	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	113	1.70	-	-	-	-	-	-	-	3	3	-	-	10	42	-	48	-	7	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	332	1.75	-	-	-	-	-	-	-	-	-	4	40	40	-	176	71	11	-	30	-	-	-	-	-	-
Packers (women)	337	1.67	-	-	-	-	-	-	-	-	-	-	78	10	192	55	2	-	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	138	1.63	-	-	-	-	-	-	-	-	-	-	78	10	-	50	-	-	-	-	-	-	-	-	-	-
Receiving clerks	41	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	16	5	-	7	6	-	2	2	-	-	3
Establishments with 101 - 1,000 workers	24	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	5	2	-	2	-	-	-	3
Establishments with 1,001 or more workers	17	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	-	2	4	-	-	2	-	-	-
Stock handlers and truckers, hand	1,329	1.69	-	-	-	-	-	-	-	-	-	-	73	286	391	350	183	40	6	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	632	1.69	-	-	-	-	-	-	-	-	-	-	39	160	121	123	183	-	6	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	697	1.68	-	-	-	-	-	-	-	-	-	-	34	126	270	227	-	40	-	-	-	-	-	-	-	-
Truck drivers, light (under 1½ tons)	43	1.82	-	-	-	-	-	-	-	-	-	-	-	-	-	7	16	-	19	1	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	29	1.82	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	-	17	1	-	-	-	-	-	-
Truck drivers, medium (1½ to and including 4 tons)	62	1.78	-	-	-	-	-	-	-	-	3	-	6	-	5	21	10	17	-	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	49	1.80	-	-	-	-	-	-	-	-	3	-	-	-	3	16	10	17	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	13	1.71	-	-	-	-	-	-	-	-	-	-	6	-	2	5	-	-	-	-	-	-	-	-	-	-
Truck drivers, heavy (over 4 tons, trailer type)	149	1.82	-	-	-	-	-	-	-	-	-	-	-	-	4	3	31	75	33	3	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	15	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	-	8	3	-	-	-	-	-
Establishments with 1,001 or more workers	134	1.82	-	-	-	-	-	-	-	-	-	-	-	-	4	3	27	75	25	-	-	-	-	-	-	-
Truckers, power (fork-lift)	610	1.75	-	-	-	-	-	-	3	3	-	-	36	34	166	299	26	13	30	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	221	1.76	-	-	-	-	-	-	3	3	-	-	-	18	51	112	21	13	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	389	1.75	-	-	-	-	-	-	-	-	-	-	36	16	115	187	5	-	30	-	-	-	-	-	-	-
Truckers, power (other than fork-lift)	205	1.77	-	-	-	-	-	-	-	-	-	-	-	-	120	30	25	-	30	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	188	1.77	-	-	-	-	-	-	-	-	-	-	-	-	120	17	21	-	30	-	-	-	-	-	-	-
Watchmen	158	1.63	-	-	-	3	9	-	8	-	20	10	6	52	31	15	-	4	-	-	-	-	-	-	-	-
Establishments with 101 - 1,000 workers	84	1.57	-	-	-	3	9	-	8	-	20	10	-	18	12	-	-	4	-	-	-	-	-	-	-	-
Establishments with 1,001 or more workers	74	1.71	-	-	-	-	-	-	-	-	-	-	6	34	19	15	-	-	-	-	-	-	-	-	-	-

1/ Includes all establishments grouped in motor vehicles and motor-vehicle equipment (see footnote to table A-1a) other than operations of Ford, Chrysler, General Motors, Hudson, Packard, Briggs, and Murray; this definition was agreed upon in consultation with the Wage Stabilization Board, Region VI-B.

2/ Excludes premium pay for overtime and night work.

3/ Study limited to men workers except where otherwise indicated.

B: Characteristic Industry Occupations

Table B-336: *Foundries, Nonferrous* ^{1/}

Occupation ^{2/}	Number of workers	Average hourly earnings ^{3/}	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																									
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$							
			1.40 and under	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.60	2.70	2.80
Chippers and grinders ^{4/} a	190	1.82	-	11	15	5	40	17	9	22	5	4	5	7	6	6	3	8	4	4	3	4	5	2	2	2	1	-
Coremakers, hand ^{4/} a	83	1.97	-	-	-	5	5	-	2	18	5	4	6	13	10	5	-	1	1	2	1	2	1	-	2	1	1	-
Coremakers, machine ^{4/} b	59	2.04	-	-	-	-	4	-	4	16	1	1	2	2	8	-	6	-	3	4	1	2	-	2	3	-	-	
Electricians, maintenance ^{4/} a	14	2.06	-	-	-	-	-	-	-	-	5	-	-	3	-	4	1	-	-	-	-	-	-	-	-	-	1	-
Furnace tenders ^{4/} a	84	1.92	-	-	-	-	13	-	17	4	5	2	7	3	10	1	2	5	3	3	-	8	1	-	-	-	-	-
Millwrights ^{4/} a	35	1.98	-	-	-	-	-	-	-	-	1	17	-	4	11	1	1	1	1	-	-	-	-	-	-	-	-	-
Molders, floor ^{4/} a	86	2.04	-	-	-	-	-	-	-	-	-	-	1	20	29	23	3	5	3	1	1	-	-	-	-	-	-	-
Molders, hand, bench ^{4/} a	80	1.94	-	-	-	-	-	-	5	-	18	15	7	2	12	9	-	5	-	7	-	-	-	-	-	-	-	-
Pourers, metal ^{4/} a	45	1.75	-	-	-	10	2	-	19	2	-	2	3	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sand mixers ^{4/} a	21	1.69	-	2	-	2	10	-	4	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-
Shake-out men ^{4/} a	84	1.57	10	11	15	12	18	6	-	5	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Truckers, power ^{4/} b	34	1.76	-	-	-	-	-	10	4	13	2	-	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-

^{1/} The study covered independent nonferrous foundries (except die-casting foundries) with 8 or more workers. Data relate to an August 1951 payroll period.

^{2/} Data limited to men workers.

^{3/} Excludes premium pay for overtime and night work.

^{4/} Insufficient data to permit presentation of separate averages by method of wage payment.

(a) All or predominantly time workers.

(b) All or predominantly incentive workers.

Table B-3391: *Iron and Steel Forgings* ^{1/}

Occupation ^{2/}	Number of workers	Average hourly earnings ^{3/}	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																									
			Under \$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
			1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	and over
Chippers and grinders ^{4/} a	23	1.76	2	-	5	1	8	1	5	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Die setters ^{4/} a	8	2.06	-	-	-	-	-	-	2	1	-	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Die sinkers ^{4/} a	29	2.67	-	-	-	-	-	-	-	-	1	-	-	1	-	2	-	-	2	8	8	7	1	-	-	-	-	-
Drop-hammer operators, board (1,200 lb. and under) ^{4/} b	25	2.43	-	-	-	-	-	-	1	-	-	-	1	1	10	-	5	4	1	-	1	-	-	-	-	-	-	1
Drop-hammer operators, board (over 1,200 to 2,000 lb.) ^{4/} b	35	2.87	-	-	-	-	-	-	-	1	-	1	-	1	1	1	6	5	3	-	-	12	-	1	-	1	-	2
Drop-hammer operators, board (over 2,000 lb.) ^{4/} b	46	3.06	-	-	-	-	-	-	1	-	-	1	-	1	6	-	-	2	14	5	3	3	-	-	-	3	5	
Hammersmiths ^{4/} a	19	2.17	-	-	-	-	-	-	-	5	1	1	1	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Heaters, forge, light work ^{4/} b	109	2.32	1	-	1	9	2	4	7	-	5	5	1	8	19	1	10	13	4	6	4	1	1	1	1	1	2	
Helpers, forge ^{4/} a	43	2.00	-	-	-	2	4	13	9	4	2	2	-	-	1	-	1	-	1	1	1	-	-	-	-	-	-	
Inspectors, class A ^{4/} a	6	2.09	-	-	-	-	-	-	-	2	-	3	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
Inspectors, class B ^{4/} a	21	1.98	-	5	1	1	2	1	1	-	2	-	4	-	1	-	1	-	1	-	-	1	-	-	-	-	-	
Inspectors, class C ^{4/} a	22	1.71	5/10	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mechanics, maintenance ^{4/} a	33	1.99	-	-	5	2	1	2	-	-	10	1	4	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
Trim-press operators, cold trim ^{4/} a	47	1.93	-	-	-	19	-	-	-	-	7	12	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Trim-press operators, hot trim ^{4/} b	37	2.09	-	-	5	5	5	-	-	-	-	-	-	10	7	3	-	-	-	-	-	-	-	-	-	-	-	
Truckers, power (fork-lift) ^{4/} a	15	1.82	-	2	-	-	-	5	-	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

^{1/} The study covered establishments with more than 20 workers engaged in the manufacture of iron and steel forgings (Group 3391) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

^{2/} Data limited to men workers.

^{3/} Excludes premium pay for overtime and night work.

^{4/} Insufficient data to permit presentation of separate averages by method of wage payment.

(a) All or predominantly time workers.

(b) All or predominantly incentive workers.

^{5/} Workers were distributed as follows: 9 at \$1.45 - 1.50; and 1 at \$1.50 - 1.55.

Occupational Wage Survey, Detroit, Mich., December 1951
U. S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table B-3444: *Sheet-Metal Work* 1/

Occupation 2/	Number of workers	Average hourly earnings \$	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																										
			Under \$	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.35	\$ 2.40	\$ 2.45	\$ 2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90
			3/	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.60	2.70	2.80	2.90	3.00
Janitors, porters, and cleaners	12	1.38	4/ 8	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lay-out men, class A	25	2.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	-	-	-	-	19	1
Power-brake operators, class B	6	1.82	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Power-shear operators, class A	10	2.12	-	-	-	-	-	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheet-metal workers, production	233	2.57	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	-	41	-	-	-	-	-	180	6	-	-
Welders, hand, class A	56	2.55	-	-	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	-	-	-	-	-	42	6	-	-	-
Welders, hand, class B	59	1.85	-	-	2	-	-	4	6	32	-	1	-	12	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ The study covered establishments with more than 20 workers engaged in the manufacture of sheet-metal products (Group 3444) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Data limited to men workers. All were paid on a time basis.

3/ Excludes premium pay for overtime and night work.

4/ Workers were distributed as follows: 1 at \$1.20 - 1.25; 3 at \$1.25 - 1.30; 3 at \$1.35 - 1.40; and 1 at \$1.40 - 1.45.

Table B-3468: *Electroplating, Plating, and Polishing* 1/

Occupation and sex	Number of workers	Average hourly earnings \$	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																											
			Under \$	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.35	\$ 2.40	\$ 2.45	\$ 2.50	\$ 2.60	
			2/	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.60	2.70
<u>Men</u>																														
Platers	284	1.78	15	10	-	-	-	-	53	-	1	60	19	32	50	12	2	-	23	7	-	-	-	-	-	-	-	-	-	
Platers' helpers	356	1.58	10	2	-	67	33	5	44	35	99	18	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Polishers and buffers, metal: Total	330	2.26	-	-	-	-	-	-	-	1	1	1	1	1	-	2	2	7	82	-	84	56	-	44	15	7	7	20	-	
Time	243	2.21	-	-	-	-	-	-	-	1	1	1	1	1	-	2	2	7	79	-	72	56	-	7	7	7	-	-		
Incentive	87	2.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	12	-	-	44	8	-	-	20		
Polishing-and-buffing-machine operators	24	2.06	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	-	11	-	7	-	-	-	-	-	-	-	-	
<u>Women</u>																														
Platers' helpers	109	1.48	10	5	-	14	4	27	48	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1/ The study covered firms with more than 7 workers engaged in all types of electroplating, plating, and metal polishing (Group 3468) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Excludes premium pay for overtime and night work. All or a majority of workers in each occupation were paid on a time basis.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table B-35: Machinery Industries 1/ - Continued

Occupation and sex	Number of workers	Average hourly earnings \$ 2/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																											
			Under \$	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90	\$ 3.00 and over	
			1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	over	
<u>Machinery 3/ - Continued</u>																														
<u>Women</u>																														
Assemblers, class C 4/	1,231	1.62	2	15	11	412	123	21	371	164	99	-	-	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspectors, class B 4/	127	1.78	-	-	-	-	-	-	-	30	67	19	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inspectors, class C 4/	1,080	1.63	8	4	14	118	155	140	579	36	9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, production, class B 4/, 5/ ...	64	1.84	-	-	-	-	-	-	-	11	7	19	6	12	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-	
Turret-lathe operators, hand (including hand screw machine), class B 4/	10	1.94	-	-	-	-	-	-	-	-	-	5	1	-	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, production, class C 5/: Total	708	1.74	6	-	-	11	12	37	102	276	158	49	15	14	13	5	8	1	1	-	-	-	-	-	-	-	-	-	-	
Time	352	1.72	6	-	-	4	15	75	137	111	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incentive	356	1.76	-	-	-	11	8	22	27	139	47	45	15	14	13	5	8	1	1	-	-	-	-	-	-	-	-	-	-	
Drill-press operators, single- or multiple-spindle, class C: Total	452	1.74	4	-	-	3	11	25	41	195	98	37	13	8	9	4	4	-	-	-	-	-	-	-	-	-	-	-	-	
Time	228	1.72	4	-	-	3	15	24	114	66	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incentive	224	1.77	-	-	-	3	8	10	17	81	32	35	13	8	9	4	4	-	-	-	-	-	-	-	-	-	-	-	-	
Milling-machine operators, class C: Total	208	1.75	-	-	-	2	1	12	37	71	56	10	2	6	4	1	4	1	1	-	-	-	-	-	-	-	-	-	-	
Time	93	1.72	-	-	-	-	1	-	27	20	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incentive	115	1.76	-	-	-	2	-	12	10	51	11	10	2	6	4	1	4	1	1	-	-	-	-	-	-	-	-	-	-	
<u>Machine-Tool Accessories - Jobbing Shops</u>																														
<u>Men</u>																														
Electricians, maintenance 4/	23	2.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11	6	1	-	-	-	-	-	
Inspectors, class A 4/	79	2.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5	1	14	27	21	6	-	-		
Janitors, porters, and cleaners 4/	393	1.63	6/50	-	-	45	5	81	56	78	12	26	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, production, class A 4/, 5/ ...	4,215	2.56	-	-	-	-	-	-	-	-	-	-	-	-	20	5	10	-	67	62	642	1071	815	688	397	178	112	148		
Drill-press operators, radial, class A 4/	151	2.35	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	20	-	28	71	10	2	-	-	-	-		
Engine-lathe operators, class A 4/	717	2.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	-	148	342	193	28	-	-	-	-		
Grinding-machine operators, class A 4/	1,395	2.62	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1	35	168	187	316	344	143	26	45	125			
Milling-machine operators, class A 4/	461	2.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	112	146	107	95	-	-	-	-		
Turret-lathe operators, hand (including hand screw machine), class A 4/	163	2.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	32	45	31	35	-	-	-	-		
Machine-tool operators, production, class B 4/	175	2.12	-	-	-	-	-	-	5	15	5	5	70	-	15	10	-	-	-	-	-	-	10	40	-	-	-	-		
Tool-and-die makers 4/	3,420	2.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	43	507	1282	816	353	151	103	125		
Welders, hand, class A 4/	94	2.41	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	5	46	11	26	2	-	-	-	-	-		

See footnotes at end of table.

Table B-35: Machinery Industries 1/ - Continued

Occupation and sex	Number of workers	Average hourly earnings 2/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																										
			\$ Under 1.40	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90	\$ 3.00 and over
			1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	over
<u>Machine-Tool Accessories - Production Shops</u>																													
<u>Men</u>																													
Assemblers, class B 4/	22	1.99	-	-	-	-	-	-	-	-	-	8	-	5	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Electricians, maintenance 4/	39	2.06	-	-	2	-	-	-	-	1	1	2	2	5	3	5	-	3	1	3	7	-	-	3	1	-	-	-	-
Inspectors, class A 4/	90	2.09	-	-	-	-	-	-	-	-	1	3	1	1	8	16	25	12	7	2	5	8	1	-	-	-	-	-	-
Inspectors, class B 4/	88	1.88	-	-	-	-	1	-	1	5	3	15	28	21	7	2	1	-	2	2	-	-	-	-	-	-	-	-	-
Inspectors, class C 4/	65	1.70	-	-	-	4	3	5	15	16	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners	172	1.53	18	36	15	25	26	19	19	5	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machine-tool operators, production, class A 4/, 5/	1,504	2.20	-	-	-	-	-	2	5	4	6	5	34	55	141	174	197	188	158	111	163	185	48	16	6	5	1	-	-
Engine-lathe operators, class A 4/	232	2.17	-	-	-	-	-	-	3	1	2	-	6	8	15	27	24	25	67	12	34	7	-	1	-	-	-	-	-
Grinding-machine operators, class A 4/	799	2.21	-	-	-	-	-	1	1	2	1	2	25	13	72	82	88	120	66	69	86	136	16	14	1	4	-	-	-
Milling-machine operators, class A 4/	364	2.19	-	-	-	-	-	1	1	1	3	2	2	22	36	59	62	36	20	27	35	24	25	1	5	1	1	-	-
Turret-lathe operators, hand (including hand screw machine), class A 4/	79	2.14	-	-	-	-	-	-	-	-	-	-	-	1	10	13	6	22	5	3	2	5	12	-	-	-	-	-	-
Machine-tool operators, production, class B, 4/, 5/	1,021	1.86	-	-	-	-	36	71	121	63	108	208	173	102	28	86	21	4	-	-	-	-	-	-	-	-	-	-	-
Engine-lathe operators, class B 4/	132	1.91	-	-	-	-	-	-	3	5	23	32	17	25	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Grinding-machine operators, class B 4/	506	1.87	-	-	-	-	10	36	65	31	40	100	79	59	11	52	19	4	-	-	-	-	-	-	-	-	-	-	-
Milling-machine operators, class B 4/	340	1.82	-	-	-	-	23	34	48	26	38	56	73	18	3	19	2	-	-	-	-	-	-	-	-	-	-	-	-
Turret-lathe operators, hand (including hand screw machine), class B 4/	35	1.84	-	-	-	-	-	-	4	1	6	18	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Machine-tool operators, production, class C, 4/, 5/	282	1.66	2	14	13	12	8	42	46	73	60	2	6	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-
Drill-press operators, single- or multiple-spindle, class C 4/	23	1.57	-	6	3	1	-	5	5	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grinding-machine operators, class C 4/	94	1.65	-	5	1	9	4	12	13	34	13	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Milling-machine operators, class C 4/	122	1.67	2	3	9	1	3	18	21	19	41	-	1	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-
Tool-and-die makers 4/	70	2.28	-	-	-	-	-	-	-	-	-	-	-	-	1	5	6	6	11	16	4	21	-	-	-	-	-	-	-
Truckers, hand 4/	11	1.56	2	-	-	-	1	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Women</u>																													
Machine-tool operators, production, class C 4/, 5/ ..	59	1.71	6	-	-	-	1	5	8	6	23	3	-	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Milling-machine operators, class C 4/	49	1.76	-	-	-	-	1	5	7	3	23	3	-	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-

1/ The study covered establishments with more than 20 workers engaged in the manufacture of nonelectrical machinery (group 35) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget; machine-tool accessory establishments (Group 3543) with more than 7 workers were included.
 2/ Excludes premium pay for overtime and night work.
 3/ Includes data for machine-tool accessory establishments for which separate data are also presented.
 4/ Insufficient data to permit presentation of separate averages by method of wage payment; all or predominantly time workers.
 5/ Includes data for operators of other machine-tools in addition to those shown separately.
 6/ Workers were distributed as follows: 25 at \$1.05 - 1.10; and 25 at \$1.35 - 1.40.

Table B-40: *Railroads* 1/

Occupation 2/	Number of workers	Average hourly earnings 3/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—												
			\$ 1.35 and under	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	
			1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	
Carpenters, maintenance	40	1.79	-	-	-	-	-	-	-	9	-	2	28	-	1
Electricians, maintenance	102	1.93	-	-	-	-	-	-	-	-	-	-	-	-	102
Janitors and cleaners (men)	102	1.50	3	2	45	40	4	-	-	8	-	-	-	-	-
Janitors and cleaners (women)	52	1.48	12	-	5	35	-	-	-	-	-	-	-	-	-
Mechanics, maintenance	239	1.87	-	-	-	-	-	-	-	-	-	181	6	52	
Painters, maintenance	17	1.82	-	-	-	-	-	-	-	6	4	2	-	5	
Stock handlers and truckers, hand	691	1.63	-	-	-	-	376	137	90	-	-	88	-	-	
Truck drivers, medium (1½ to and including 4 tons) ...	214	1.88	-	-	-	1	-	-	-	-	-	-	213	-	

1/ The study covered establishments with more than 100 workers in the railroad industry (Group 40) as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.

2/ Data limited to men workers except where otherwise indicated. All workers were paid on a time basis.

3/ Excludes premium pay for overtime and night work.

Table B-542: *Milk Dealers* 1/

Occupation 2/	Number of workers	Average hourly earnings 3/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																			
			\$ 1.10 and under	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05
			1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10
Engineers, stationary	48	1.94	-	-	-	-	-	-	-	-	3	-	-	-	-	-	4	-	26	15	-	
Filling-machine tenders	97	1.68	3	-	-	3	-	3	-	-	12	-	7	53	16	-	-	-	-	-	-	
Mechanics, automotive (maintenance)	89	1.95	-	-	-	-	-	-	-	-	-	-	3	-	-	7	-	68	-	11		
Order fillers	25	1.71	-	-	-	-	-	-	-	3	3	6	10	-	3	-	-	-	-	-		
Pasteurizers	52	1.77	-	-	-	-	-	-	-	3	-	5	6	30	1	4	-	-	-	3		
Refrigerator men	229	1.72	-	6	-	-	-	-	-	3	6	16	-	188	-	2	-	8	-	-		
Sanitary men	86	1.69	-	-	-	-	-	3	-	8	-	-	75	-	-	-	-	-	-	-		
Truck drivers, light (under 1½ tons)	44	1.75	-	-	-	-	-	-	-	-	4	-	-	40	-	-	-	-	-	-		
Truck drivers, medium (1½ to and including 4 tons)	37	1.67	-	-	-	-	-	-	9	3	3	3	-	-	-	19	-	-	-	-		
Truck drivers, heavy (over 4 tons, trailer type)	55	1.80	-	-	-	-	-	-	-	-	13	-	-	-	8	34	-	-	-	-		
Washers, bottle, machine	73	1.71	-	-	-	-	-	-	3	6	3	7	54	-	-	-	-	-	-	-		
Washers, can, machine	20	1.69	-	-	-	-	-	-	-	-	6	1	-	13	-	-	-	-	-	-		

Occupation 2/	Number of workers	Average weekly earnings 4/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																						
			Under \$ 70.00	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00	\$ 105.00	\$ 110.00	\$ 115.00	\$ 120.00	\$ 125.00	\$ 130.00	\$ 135.00	\$ 140.00	\$ 145.00	\$ 150.00	\$ 155.00	\$ 160.00	\$ 165.00	\$ 170.00	\$ 175.00 and over
			70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00	and over
Routemen (driver-salesmen), retail 5/	1,291	116.00	20	19	47	50	53	65	67	98	114	90	100	114	98	85	98	51	32	15	16	10	12	6	31
Routemen (driver-salesmen), wholesale 5/	390	121.50	22	5	9	1	17	33	24	16	11	24	37	26	28	8	29	13	12	19	11	10	6	5	24

1/ The study covered retail milk dealer establishments with more than 20 workers engaged in the distribution of dairy products (Group 5452) as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.

2/ Data limited to men workers.

3/ Excludes premium pay for overtime and night work. All workers were paid on a time basis.

4/ Straight-time earnings (includes commission earnings).

5/ Routemen normally work 6-day weekly schedules.

Occupational Wage Survey, Detroit, Mich., December 1951

U.S. DEPARTMENT OF LABOR

Bureau of Labor Statistics

Table B-63: *Insurance Carriers 2/*

Occupation and sex	Number of workers	AVERAGE 2/		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																									
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 30.00 and under	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00	Over		
Men																													
Clerks, accounting	15	39.5	\$ 55.50	-	-	-	-	-	4	1	-	1	-	-	-	3	3	-	-	3	-	-	-	-	-	-	-	-	
Section heads	61	40.0	81.00	-	-	-	-	-	-	-	-	2	1	3	1	-	2	2	9	12	-	3	2	8	13	3	-		
Tabulating-machine operators	21	39.5	59.00	-	-	-	-	-	2	1	2	-	2	-	4	4	2	-	1	2	1	-	-	-	-	-	-		
Underwriters	95	39.5	68.50	-	-	-	-	-	-	-	-	-	-	6	11	6	18	8	14	10	3	11	6	2	-	-	-		
Women																													
Assemblers	9	40.0	36.50	-	5	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Clerks, accounting	212	39.5	45.00	-	7	21	30	20	29	26	21	33	8	12	5	-	-	-	-	-	-	-	-	-	-	-	-		
Clerks, correspondence, class B	28	40.0	46.00	-	-	4	-	1	6	5	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Clerks, file, class A	34	40.0	44.00	-	-	-	3	9	10	5	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Clerks, file, class B	442	39.5	37.00	43	117	100	82	69	16	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Clerks, general	273	38.5	47.50	-	-	53	10	19	15	7	27	46	51	28	7	6	2	-	-	1	1	-	-	-	-	-			
Clerks, premium-ledger-card	93	39.5	42.50	-	20	11	12	9	9	10	5	5	3	1	4	2	-	1	-	1	-	-	-	-	-	-			
Clerks, underwriter	138	39.5	44.50	4	-	13	10	15	16	45	9	15	-	10	-	1	-	-	-	-	-	-	-	-	-	-			
Key-punch operators	82	39.0	50.00	-	-	-	8	8	8	5	9	10	11	11	3	4	3	2	-	-	-	-	-	-	-	-			
Premium acceptors	59	40.0	46.50	-	15	-	5	13	-	1	-	7	4	2	-	5	-	-	-	5	-	-	-	-	-	-			
Section heads	186	39.5	62.00	-	-	-	-	2	3	5	16	8	9	15	17	21	20	10	33	13	6	2	4	-	-	2			
Stenographers, general	194	39.5	46.00	-	4	16	20	27	31	23	11	34	3	11	6	4	3	-	-	-	1	-	-	-	-	-			
Tabulating-machine operators	17	39.0	53.00	-	-	-	-	1	1	2	4	3	-	1	1	-	2	-	2	-	-	-	-	-	-	-			
Typists, class A	107	39.5	45.50	-	-	5	16	19	25	7	6	12	8	5	-	2	2	-	-	-	-	-	-	-	-	-			
Typists, class B	790	39.5	40.50	5	97	127	143	147	85	120	51	9	-	5	1	-	-	-	-	-	-	-	-	-	-	-			
Underwriters	59	39.5	60.00	-	-	-	-	5	-	2	-	12	1	2	7	4	2	3	17	1	-	3	-	-	-	-			

1/ The study covered insurance carriers (Group 63) with more than 20 workers as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.
 2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these hours.

Occupational Wage Survey, Detroit, Mich., December 1951
 U.S. DEPARTMENT OF LABOR
 Bureau of Labor Statistics

C: Union Wage Scales

(Minimum wage rates and maximum straight-time hours per week agreed upon through collective bargaining between employers and trade-unions. Rates and hours are those in effect on dates indicated.)

Table C-15: Building Construction

April 1, 1952

Classification	Rate per hour	Hours per week
Bricklayers	\$3.000	40
Carpenters	2.750	40
Electricians	3.000	40
Painters	2.475	40
Plasterers	3.000	40
Plumbers	2.700	40
Building laborers	2.000	40

Table C-205: Bakeries

July 1, 1951

Classification	Rate per hour	Hours per week
Bread and cake - Machine shops:		
Agreement A:		
Bread:		
Mixers, oven operators	\$1.680	40
Flour blenders, ingredient scalers, mixers' helpers, dividermen, twistlers and panners, benchmen, oven feeders and dumpers, molders	1.580	40
Pan setters, pan rackers, pan greasers, greasers, fried foods ...	1.530	40
Bread rackers	1.430	40
Bun panners	1.310	40
Cake:		
Dough mixers, icing mixers, cooks, oven operators	1.680	40
Ingredient scalers, depositor operators, doughnut-machine operators	1.580	40
Mixers' helpers, depositor helpers, oven feeders and dumpers, icing-machine operators	1.530	40
Pan greasers, cutters	1.450	40
Decorators	1.420	40
Pan washers, all other help (men) ..	1.410	40
Icers, all other help (women)	1.240	40
Sweet yeast goods:		
Dough mixers, bakers, proofers, bench leaders	1.680	40
Benchmen, doughnut fryers, doughnut glazers	1.630	40
Flour blenders, ingredient scalers, icing mixers and cookers, depositors, and dividermen	1.580	40
Oven feeders, pan greasers	1.530	40
Dough feeders, scalers	1.470	40
All other help (men)	1.410	40
Packers, icers, all other help (women)	1.240	40
Pie:		
Pie bakers, cooks #1	1.680	40
Pie dough mixers, icing mixers, ingredient scalers	1.580	40
Cooks #2, pie peelers	1.530	40
All other help (men)	1.410	40
All other help (women)	1.240	40

Table C-205: Bakeries - Continued

July 1, 1951

Classification	Rate per hour	Hours per week
Bread and cake - Machine shops: - Continued		
Agreement A: - Continued		
Wrapping:		
Wrapping-machine set-up men	\$1.580	40
Bread wrappers	1.430	40
Cake and bun wrappers, packers	1.240	40
Shipping, receiving:		
Checkers	1.530	40
Packers	1.470	40
Receiving and stockroom men	1.420	40
Agreement B:		
Bread and roll mixers:		
Starting rate	1.540	40
After 2 months	1.690	40
Cake mixers, icing cookers:		
Starting rate	1.520	40
After 2 months	1.670	40
Doughnut fryers, after 3 months	1.670	40
Bakers - expert bench hands, after 2 months	1.640	40
Formula men, experienced	1.570	40
Ovenmen:		
Starting rate	1.460	40
After 2 months	1.610	40
Pie crust mixers:		
Starting rate	1.490	40
After 2 months	1.610	40
Ingredient scalers	1.580	40
Stockmen receivers	1.580	40
Bakers all-round, benchmen:		
Starting rate	1.450	40
After 2 months	1.550	40
Bread divider operators:		
Starting rate	1.390	40
After 2 months	1.530	40
Bread oven loaders, after 3 months, cake depositor operators	1.530	40
Bread wrapping-machine operators:		
Starting rate	1.380	40
After 2 months	1.520	40
Bread rackers, after 3 months	1.470	40
Cake decorators:		
Starting rate	1.200	40
After 3 months	1.360	40
After 6 months	1.460	40
Washing-machine operators, baking utility men, shipping-room servicemen	1.460	40
Machine operators (not otherwise specified), Habamfa machine operators ..	1.430	40
Bread and roll mixers' helpers	1.470	40
Bread panners, after 3 months	1.470	40
Pan conditioners, general bakery workers, bakery helpers, oven helpers	1.380	40
Decorators, finishing department	1.200	40
Bread packers, shipping room (women):		
Starting rate	1.010	40
After 1 month	1.060	40
After 3 months	1.110	40
After 6 months	1.160	40
Order girls:		
Starting rate	1.010	40

Table C-205: Bakeries - Continued

July 1, 1951

Classification	Rate per hour	Hours per week
Bread and cake - Machine shops: - Continued		
Agreement B: - Continued		
Order girls: - Continued		
After 6 months	\$1.160	40
Finishing department (women) - general icing workers, layer-cake icers, panners, general bakery workers:		
Starting rate	1.010	40
After 1 month	1.060	40
After 3 months	1.110	40
After 6 months	1.160	40
Agreement C:		
Bread and roll department:		
Mixers	1.810	40
Moldermen	1.630	40
Bench helpers	1.510	40
General utility	1.380	40
Panners (women)	1.175	40
Cake department:		
Mixers	1.810	40
Icers	1.710	40
Depositors	1.630	40
Depositors' helpers, icers' helpers	1.510	40
Icers (women)	1.210	40
Scaling and flour blending department:		
Oven #1, leaders	1.860	40
Scalers, blenders	1.630	40
General utility	1.380	40
Panners (women)	1.175	40
Specialty department:		
Decorators	1.910	40
General utility	1.380	40
Decorators #1 (women)	1.360	40
Decorators #2 (women)	1.250	40
Decorators #3 (women)	1.175	40
Panners (women)	1.175	40
Cooky department:		
Mixers	1.810	40
Depositors	1.630	40
Packing leaders (women)	1.275	40
Packers (women)	1.175	40
General utility women	1.130	40

Table 2082: Malt Liqueurs

December 1, 1951

Classification	Rate per hour	Hours per week
Brewing department:		
All brewers	\$1.975	40
Apprentices - first year	1.800	40
Apprentices - second year	1.850	40
First month temporary employees	1.865	40
Yeast and grain drying employees	1.875	40
Bottling department:		
Bottlers, regular	1.850	40
Bottlers, temporary (after 60 days)	1.850	40
Bottlers, temporary (first 60 days)	1.700	40

Table C-2431: *Millwork*

December 1, 1951

Classification	Rate per hour	Hours per week
Cabinetmakers	\$1.82	40
Glaziers	1.82	40
Bench hands	1.82	40
Finishers	1.82	40
Machinery operators	1.82	40
Saw filers	1.82	40
Machine repairers	1.82	40
Grinders	1.82	40
Stair builders	1.82	40
Gluers	1.75	40
Sprayers	1.75	40
Stainers	1.75	40
Rubbers	1.75	40
Crosscut sawyers and rip sawyers	1.70	40
Sawyers (common)	1.70	40
Box nailers and frame nailers	1.60	40
Common laborers	1.50	40

Table C-27: *Printing*

July 1, 1951

Classification	Rate per hour	Hours per week
Book and job shops:		
Bindery women	\$1.150	40
Combination women	1.250	40
Bookbinders	2.250	40
Combination men	2.400	40
Compositors, hand:		
Agreement A	2.835	40
Agreement B	2.835	40
Electrotypers	2.920	37½
Machine operators:		
Agreement A	2.835	40
Agreement B	2.835	40
Machine tenders (machinists):		
Agreement A	2.835	40
Agreement B	2.835	40
Mailers	2.582	37½
Photoengravers	2.800	37½
Rotogravure	2.800	37½
Press assistants and feeders:		
Cylinder presses, all sizes	2.245	40
Job cylinder presses	1.865	40
Platen presses	1.730	40
Rotary presses	2.265	40
Pressmen:		
Cylinder presses, all sizes	2.675	40
Platen presses	2.380	40
Rotary presses	2.760	40
Stereotypers:		
Agreement A	2.851	37½
Agreement B	2.867	37½
Newspapers:		
Compositors, hand - day work:		
German text	1.700	40
English text	2.807	37½

Table C-27: *Printing - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
Newspapers: - Continued		
Compositors, hand - night work:		
English text	\$3.027	36½
Machine operators - day work:		
German text	1.700	40
English text	2.807	37½
Machine operators - night work:		
English text	3.027	36½
Machine tenders (machinists) - day work ..	2.807	37½
Machine tenders (machinists) - night work ..	3.027	36½
Mailers - day work	2.448	37½
Mailers - night work	2.628	37½
Photoengravers - day work	2.956	37½
Shopping news	2.933	37½
Photoengravers - night work	3.165	37½
Shopping news	3.343	35
Pressmen, web presses:		
Agreement A:		
Pressmen - day work	2.643	37½
Pressmen - night work	2.863	35
Pressmen-in-charge - day work	2.843	37½
Color presses	2.909	37½
Pressmen-in-charge - night work	3.078	35
Color presses	3.150	35
Agreement B - rotogravure and color presses:		
Pressmen - day work	2.643	37½
Offside register men	2.709	37½
Pressmen - night work	2.863	35
Offside register men	2.936	35
Pressmen-in-charge - day work	2.909	37½
Pressmen-in-charge - night work	3.150	35
Stereotypers - day work	2.717	37½
Stereotypers - night work	2.942	35

Table C-41: *Local Transit Operating Employees*

October 1, 1951

Classification	Rate per hour	Hours per week
2-man cars:		
First 6 months	\$1.475	48
7-12 months	1.515	48
After 1 year	1.575	48
Night cars	1.675	48
1-man cars and busses:		
First 6 months	1.575	48
7-12 months	1.615	48
After 1 year	1.675	48
Night busses	1.775	48

Table C-42: *Motortruck Drivers and Helpers*

July 1, 1951

Classification	Rate per hour	Hours per week
Air reduction	\$1.800	40
Helpers	1.650	40
Beer - Distributors:		
Case	1.555	40
Helpers	1.455	40
Freight	1.810	40
Helpers	1.710	40
Keg	1.773	40
Helpers	1.660	40
Building:		
Construction:		
Concrete-mixer truck	1.970	40
Excavating and road construction:		
Semi-stake and pick-up	1.925	40
Dump truck	1.925	40
Over 8 cubic yards	2.000	40
Road construction	1.925	40
Material:		
½-ton truck	1.740	40
Over ½ ton	1.740	40
Dump truck	1.790	40
Lumber	1.690	40
Helpers	1.450	40
Semitrailer	1.740	40
Semi- and double-bottom trailer	1.840	40
Hardwood	1.640	40
Plumbing and mill supply	1.600	40
Coal:		
Agreement A	1.640	40
Agreement B:		
Regular	1.660	40
Semitrailer	1.710	40
Helpers	1.510	40
Department store	1.740	45
Helpers	1.640	45
Factory:		
Automobile:		
Agreement A	1.805	40
Utility drivers	1.855	40
Agreement B:		
Light truck	1.730	40
Heavy truck	1.730	40
Trailer truck	1.780	40
Agreement C:		
Pick-up and store	1.755	40
Large road truck	1.755	40
Agreement D	1.810	40
Agreement E - After 6 months	1.730	40
Agreement F:		
Minimum (outside)	1.460	40
Maximum (outside after 90 days)	1.560	40
Agreement G	1.800	40
Agreement H	1.735	40
Agreement I	1.755	40
Automobile parts:		
Agreement A	1.750	40
Agreement B	1.770	40
Agreement C:		
Spring division:		
First 6 months	1.620	40
After 6 months	1.720	40

Table C-42: *Motortruck Drivers and Helpers - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
Factory: - Continued		
Automobile parts: - Continued		
Agreement C: - Continued		
Frame division:		
First 6 months	\$1.590	40
After 6 months	1.740	40
Agreement D	1.815	40
Agreement E	1.835	40
Agreement F	1.820	40
Agreement G	1.700	40
Agreement H	1.800	40
Steel:		
Agreement A	1.775	40
Agreement B	1.550	40
Agreement C	1.650	40
Agreement D	1.760	40
Agreement E	1.870	40
Agreement F	1.775	40
Tool and die jobbing:		
Agreement A	1.760	40
Agreement B	1.750	40
Agreement C	1.850	40
Furniture	1.790	45
Helpers	1.690	45
General freight:		
Short run		
Local cartage:		
Pick-up, $\frac{1}{2}$ ton	1.790	45
Single-bottom truck	1.790	45
Double-bottom truck	1.840	45
Milk:		
Agreement A	1.993	52
Helpers	1.847	52
Agreement B:		
Branch tractor	1.730	40
Tank truck	1.790	48
Supply to factories and schools	1.690	40
Agreement C:		
Main line and school	1.460	40
Utility	1.520	40
Moving - Local, furniture:		
Van drivers	1.700	40
Helpers	1.625	40
Piano drivers	1.700	40
Helpers	1.625	40
Newspaper and magazine:		
Newspaper:		
Agreement A:		
Division street and relief men	2.868	40
Relay mail drivers	2.478	40
Jumpers	1.930	40
Agreement B:		
Division street men	3.128	40
Day drivers	2.868	40
Day relief drivers	2.868	40
Relay mail drivers	2.543	40
Jumpers	1.930	40
Agreement C:		
Relay and mail drivers	2.606	40
Magazine	2.016	40
Oil:		
Agreement A - After 18 months	2.010	40

Table C-42: *Motortruck Drivers and Helpers - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week		
Oil: - Continued				
Agreement B:				
Starting rate	\$1.800	40		
After 18 months	2.010	40		
Agreement C:				
First 6 months	1.614	40		
7-18 months	1.763	40		
After 18 months	1.925	40		
Agreement D:				
Double unit	1.590	40		
Agreement E	1.617	40		
Agreement F - After 18 months	1.810	40		
Agreement G:				
First 6 months	1.703	40		
7-18 months	1.840	40		
After 18 months	2.015	40		
Agreement H:				
12-18 months	1.935	40		
After 18 months	2.015	40		
Agreement I:				
First 6 months	1.730	40		
6-12 months	1.795	40		
12-18 months	1.860	40		
After 18 months	1.995	40		
Agreement J:				
First 6 months	1.560	40		
6-18 months	1.705	40		
After 18 months	1.855	40		
Agreement K			1.848	40
Agreement L:				
First 30 days	1.510	40		
After 30 days	1.610	40		
Agreement M:				
Single bottom	1.510	40		
Double bottom	1.610	40		
Agreement N:				
First 500 hours	1.370	48		
Next 1,000 hours	1.470	48		
Next 1,500 hours	1.570	48		
Over 3,000 hours	1.730	48		
Produce	1.460	40		
Helpers	1.410	40		
Terminal	1.640	40		
Railway express	1.870	40		
Steel supply	1.790	40		

Table C-58: *Restaurants*

December 1, 1951

Classification	Rate per week	Hours per week
Class A Houses (Hotels, clubs, restaurants, and night clubs):		
Culinary department:		
Broilers	\$92.50	45
Cooks	90.00	45
Butchers	90.00	45
Pie bakers	70.00	45

Table C-58: *Restaurants - Continued*

December 1, 1951

Classification	Rate per week	Hours per week
Class A Houses (Hotels, clubs, restaurants, and night clubs): - Continued		
Culinary department: - Continued		
Sandwich men	\$70.00	45
Kitchen stewards	65.00	45
Storeroom men	55.00	45
Pantry girls	50.00	45
Food runners	45.00	45
Pot washers	47.50	45
Dishwashers	42.50	45
Kitchen men	47.50	45
Class B Houses (Hotels, clubs, restaurants, and night clubs):		
Culinary:		
Cooks	80.00	45
Counter and steam table	75.00	45
Pantry	50.00	45
Vegetable and kitchen men	50.50	45
Pot washers	45.00	45
Dishwashers	42.50	45
Class C Houses (Restaurants and tea houses):		
Dinner cooks	90.00	45
Cooks	75.00	45
Short order cooks	70.00	45
Apprentice cooks	55.00	45
Steam table cooks	55.00	45
Dishwashers	40.00	45
Class D Houses (Hamburger stands and drive ins):		
Short order cooks	65.00	45
Counter grill men or women	50.00	45
Dishwashers	40.00	45
Kitchen porters	42.50	45
Class E Houses (Pizza, kosher and other specialty houses):		
Head pizza men	90.00	45
Second pizza men	85.00	45
Third pizza men	80.00	45
Apprentice pizza men	65.00	45
Head kosher men	90.00	45
Second kosher men	85.00	45
Third kosher men	80.00	45

Table C-7011: *Hotels*

December 1, 1951

Classification	Rate per week	Hours per week
Bar:		
Bartenders - Front	\$70.00	48
Bartenders - Back	72.50	48
Hotel service:		
Maids	36.00	48
Housemen	39.84	48
Bellmen	17.50	48
Combination bellmen and elevator operators	23.50	48

D: Entrance Rates

Table D-1: *Minimum Entrance Rates for Plant Workers* ^{1/}

Minimum rate (in cents)	Percent of plant workers in establishments with specified minimum rates in -								
	All industries ^{2/}	Manufacturing				Public utilities*	Wholesale trade	Retail trade	Services
		Durable goods		Nondurable goods					
		Establishments with -							
21-250 workers	251 or more workers	21-250 workers	251 or more workers						
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 or under	1.3	-	-	-	-	-	13.1	-	-
Over 60 and under 65 .....	.3	-	-	-	-	-	3.5	-	-
65 .....	.5	-	-	-	-	-	.2	11.2	-
Over 65 and under 70 .....	.1	-	-	-	-	-	.3	1.6	-
70 .....	.4	-	-	-	-	-	-	4.0	-
75	3.1	-	-	-	2.9	0.5	21.9	17.5	-
Over 75 and under 80 .....	.2	-	-	-	-	-	.5	3.0	-
80 .....	.5	-	-	5.1	1.4	8.2	1.5	-	-
Over 80 and under 85 .....	.5	-	-	-	-	-	2.5	4.7	-
85	1.1	-	-	-	3.0	4.4	4.6	1.6	-
Over 85 and under 90	2.8	-	-	12.0	3.1	1.6	23.2	3.3	-
90	(3/)	-	-	-	-	1.1	-	-	-
Over 90 and under 95 .....	.9	-	-	-	-	-	6.0	2.2	-
95 .....	.2	-	-	-	1.1	3.0	-	-	-
100	2.1	0.8	-	-	1.9	29.0	6.6	7.3	-
Over 100 and under 105 .....	.3	-	-	-	-	2.2	3.3	1.4	-
105 .....	.5	-	-	20.6	-	3.7	2.4	-	-
Over 105 and under 110 .....	.9	-	-	4.8	2.9	10.7	4.9	-	-
110 .....	.4	-	-	10.0	-	-	8.6	-	-
Over 110 and under 115 .....	.2	-	-	-	1.9	-	1.2	-	-
115 .....	.5	4.0	-	7.2	-	4.9	-	-	-
Over 115 and under 120 .....	.6	-	-	-	7.6	1.5	2.5	-	-
120 .....	.2	.4	0.2	-	-	-	-	-	-
Over 120 and under 125	2.5	2.8	1.9	-	17.7	-	-	-	-
125 .....	.3	-	.2	-	-	-	2.0	1.2	(3/)
Over 125 and under 130	1.3	1.1	-	-	-	20.7	7.4	.7	-
130 .....	.7	1.3	.7	1.2	-	-	.8	1.2	-
Over 130 and under 135	2.9	9.7	3.2	12.6	-	-	7.3	-	-
Over 135 and under 140	6.9	3.2	7.3	-	28.2	-	3.5	-	.8
140	1.0	-	1.1	5.8	1.0	1.9	2.0	-	-
Over 140 and under 145	3.2	38.4	1.9	-	3.8	-	5.7	-	-
145	1.8	-	2.7	-	-	-	.5	-	-
Over 145 and under 150	26.9	3.6	38.8	-	14.9	2.1	-	-	-
150	2.9	.7	3.8	-	-	3.5	3.6	1.4	.3
Over 150 and under 155	15.2	-	22.2	5.4	2.8	3.0	4.8	-	-
155	1.0	-	1.1	-	-	1.7	-	1.4	-
Over 155 and under 160	3.3	8.0	4.1	-	2.9	1.1	1.7	-	-
160	(3/)	-	-	-	-	-	-	-	.5
Over 160 and under 165	6.1	19.8	8.0	1.9	-	-	-	-	-
165 and over	1.9	2.7	2.0	-	7.0	-	-	-	-
Establishments with no established minimum	4.5	3.5	.8	13.4	-	3.6	12.4	11.0	46.0

^{1/} Lowest rates formally established for hiring either men or women plant workers other than watchmen.

^{2/} Excludes data for finance, insurance, and real estate.

^{3/} Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

Table D-1a: *Minimum Entrance Rates for Plant Workers* ^{1/} - Motor Vehicles and Motor-Vehicle Equipment

Minimum rate (in cents) ^{1/}	Percent of plant workers in establishments with specified minimum rates in -			
	All motor vehicle and motor-vehicle equipment establishments ^{2/}	Motor-vehicle parts and accessories establishments ^{3/}		
		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0
130	0.1	0.7	2.0	-
Over 130 and under 135 .....	.5	3.0	2.2	3.4
Over 135 and under 140	4.3	11.7	-	18.1
Over 140 and under 145	1.9	12.5	17.7	9.7
Over 145 and under 150	48.3	12.9	12.7	13.0
150	3.5	.4	1.1	-
Over 150 and under 155	23.8	3.8	10.8	-
Over 155 and under 160	5.3	25.1	15.1	30.4
Over 160 and under 165	10.5	17.6	17.6	17.6
165	1.1	7.4	6.9	7.8
Over 170 and under 175 .....	.2	1.4	4.0	-
Establishments with no established minimum .....	.5	3.5	9.9	-

^{1/} Lowest rates formally established for hiring either men or women plant workers other than watchmen.

^{2/} For definition of industry, see footnote 1, table A-1a.

^{3/} For definition of industry, see footnote 1, table A-1b.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

E: Supplementary Wage Practices

Table E-1: Shift Differential Provisions

Shift differential	Percent of plant workers employed on each shift in -																
	All manufacturing industries 1/						Machinery industries 2/		Machine-tool accessories 3/			Electroplating, plating, and polishing		Sheet-metal work 3/	Forgings, iron and steel		
	All industries		Durable goods		Nondurable goods				Jobbing shops 3/		Production shops						
	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift
Percent of workers on extra shifts, all establishments	25.6	6.7	26.1	6.2	21.8	11.6	22.2	2.4	19.5	20.3	1.3	24.2	3.1	5.6	22.5	3.6	
Receiving shift differential	25.6	6.7	26.1	6.2	21.5	11.3	22.0	2.4	19.5	19.8	1.3	23.2	2.6	1.9	22.5	3.6	
Uniform cents (per hour)	8.9	2.1	7.9	1.3	18.2	10.3	10.7	.6	18.9	8.0	.4	23.2	2.6	1.5	21.0	3.6	
4 cents	1.0	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 cents	4.5	.3	3.5	.1	11.3	2.2	2.3	.1	-	1.6	-	8.0	1.6	1.5	9.1	-	
6 cents .....	.4	.7	(4/)	.5	4.4	3.8	.1	-	-	-	-	-	-	-	-	-
7 cents	1.4	.1	1.6	.1	.2	-	-	.1	-	-	-	14.3	1.0	-	5.8	-	
7½ cents .....	.6	.3	.7	.3	-	-	.9	(4/)	-	-	-	-	-	-	-	-
8 cents	-	.1	-	.1	-	-	.1	(4/)	-	.8	-	-	-	-	6.1	1.5	
8½ cents	-	(4/)	-	(4/)	-	-	-	-	-	-	-	-	-	-	-	-	
9 cents .....	.3	-	.4	-	-	-	1.9	-	-	-	-	-	-	-	-	-
9½ cents	-	(4/)	-	-	-	(4/)	-	-	-	-	-	-	-	-	-	-	
10 cents .....	.5	.4	.6	.1	.3	3.6	5.4	.1	18.9	5.6	.4	.9	-	-	-	2.1
Over 10 and under																	
12½ cents	(4/)	.1	-	.1	.2	.1	-	.3	-	-	-	-	-	-	-	-	
12½ cents and over .....	.2	.1	-	-	1.8	.6	-	-	-	-	-	-	-	-	-	-
Uniform percentage	16.7	4.6	18.2	4.9	3.3	1.0	10.8	1.7	.6	11.8	.9	-	-	-	1.5	-	
5 percent	16.2	.1	17.7	.1	3.0	-	7.4	.2	-	-	-	-	-	-	-	-	
7 percent	-	(4/)	-	-	-	.5	-	.2	-	-	-	-	-	-	-	-	
7½ percent	-	4.4	-	4.8	-	-	.2	1.1	-	2.1	-	-	-	-	-	-	
10 percent .....	.5	.1	.5	(4/)	.3	.5	3.2	.2	.6	9.7	.9	-	-	-	1.5	-
Other	-	-	-	-	-	-	.5	.1	-	-	-	-	-	.4	-	-	
Receiving no differential	(4/)	(4/)	(4/)	-	.1	.1	.2	-	-	.5	-	1.0	.5	3.7	-	-	
Information not available	(4/)	(4/)	-	-	.2	.2	-	-	-	-	-	-	-	-	-	-	

1/ Includes data for industries other than those shown separately.

2/ Includes establishments producing machine-tool accessories also shown separately.

3/ No workers employed on 3d or other shifts.

4/ Less than .05 of 1 percent.

Table E-1a: Shift Differential Provisions - Motor Vehicles and Motor-Vehicle Equipment

Shift differential	Percent of plant workers employed on each shift in -							
	All motor vehicle and motor-vehicle equipment establishments 1/		Motor-vehicle parts and accessories establishments 2/					
			Total		101-1000 workers		1001 or more workers	
	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift
Percent of workers on extra shifts, all establishments	27.1	6.5	25.8	6.3	24.6	3.0	26.5	8.1
Receiving shift differential ...	27.1	6.5	25.7	6.3	24.3	3.0	26.5	8.1
Uniform cents (per hour)	4.9	.4	15.4	1.5	21.1	2.4	12.3	.9
5 cents	2.8	.1	4.1	.4	5.8	1.0	3.1	-
6 cents	(3/)	-	.1	-	.4	-	-	-
7 cents	1.3	(3/)	6.3	.3	12.2	.7	3.0	-
7½ cents .....	.8	.2	4.9	.4	2.7	.4	6.2	.5
8½ cents	-	(3/)	-	(3/)	-	(3/)	-	-
10 cents	-	.1	-	.4	-	.3	-	.4
Uniform percentage	22.2	6.1	10.3	4.8	3.2	.6	14.2	7.2
5 percent	22.2	-	10.3	-	3.2	-	14.2	-
7½ percent	-	6.1	-	4.8	-	.6	-	7.2
Receiving no differential	(3/)	-	.1	-	.3	-	-	-

1/ For definition of industry, see footnote 1, table A-1a.

2/ For definition of industry, see footnote 1, table A-1b.

3/ Less than .05 of 1 percent.

Table E-2: *Scheduled Weekly Hours*

Weekly hours	PERCENT OF OFFICE WORKERS ^{1/} EMPLOYED IN--									PERCENT OF PLANT WORKERS EMPLOYED IN--							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries ^{2/}	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
34 hours	0.4	-	-	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-
35 hours	1.6	-	-	-	0.5	-	-	2.1	13.5	-	-	-	-	-	-	-	-
Over 35 and under 37½ hours	1.4	-	-	-	-	-	3.9	5.8	-	1.2	1.3	-	13.9	-	-	1.4	-
37½ hours	9.0	2.4	1.2	9.0	52.3	1.5	-	8.6	5.7	.6	.4	-	4.7	-	-	-	4.8
Over 37½ and under 40 hours	3.3	.3	.4	-	.8	1.9	1.5	10.6	8.6	.3	-	-	-	-	-	2.6	.4
40 hours	80.8	96.0	98.4	82.4	43.1	83.9	87.1	69.8	63.2	84.7	93.7	96.9	63.2	67.1	64.5	42.9	63.4
Over 40 and under 44 hours	1.8	.9	-	5.0	3.2	3.4	5.2	-	5.0	.1	-	-	-	-	1.5	.5	-
44 hours	1.0	.4	-	2.7	.1	4.2	1.2	1.0	1.5	1.3	.5	.5	-	-	6.4	5.6	-
Over 44 and under 48 hours .....	.5	-	-	-	-	4.7	.9	-	1.2	2.2	.5	-	5.7	9.4	9.1	9.9	-
48 hours .....	.2	-	-	-	-	.4	.2	-	1.3	7.1	2.1	1.0	12.5	1.5	13.7	35.1	29.1
49 hours	-	-	-	-	-	-	-	-	-	.1	(3/)	(3/)	-	-	2.4	-	1.3
50 hours	-	-	-	-	-	-	-	-	-	.3	.4	.4	-	-	2.4	-	-
52 hours	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	-	.8	-
53 hours	-	-	-	-	-	-	-	-	-	.8	1.1	1.2	-	-	-	-	-
56 hours	-	-	-	-	-	-	-	-	-	(3/)	-	-	-	1.0	-	-	-
60 hours	-	-	-	-	-	-	-	-	-	1.2	-	-	-	21.0	-	1.2	1.0

^{1/} Data relate to women workers.

^{2/} Includes data for industries other than those shown separately.

^{3/} Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-2a: *Scheduled Weekly Hours - Motor Vehicles and Motor-Vehicle Equipment*

Weekly hours	Percent of office workers ^{1/} employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments ^{2/}	Motor-vehicle parts and accessories establishments ^{3/}			All motor vehicle and motor-vehicle equipment establishments ^{2/}	Motor-vehicle parts and accessories establishments ^{3/}		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
37½ hours	0.1	1.0	1.8	-	-	-	-	-
38½ hours .....	.6	3.7	-	8.5	-	-	-	-
40 hours	99.3	95.3	98.2	91.5	99.7	98.1	94.6	100.0
48 hours	-	-	-	-	.3	1.9	5.4	-

^{1/} Data relate to women workers.

^{2/} For definition of industry, see footnote 1, table A-1a.

^{3/} For definition of industry, see footnote 1, table A-1b.

Occupational Wage Survey, Detroit, Mich., December 1951

U.S. DEPARTMENT OF LABOR

Bureau of Labor Statistics

Table E-3: *Paid Holidays*

Number of paid holidays	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments providing paid holidays	96.4	96.0	95.5	99.3	100.0	100.0	99.8	99.8	82.4	80.5	80.6	79.3	91.9	68.0	81.0	92.4	66.7
1 day	-	-	-	-	-	-	-	-	-	.2	-	-	-	-	-	2.5	-
3 days	(2/)	-	-	-	.1	-	-	-	-	.9	.6	.7	-	-	-	3.8	-
5 days	-	-	-	-	-	-	-	-	-	.2	-	-	-	-	4.7	-	1.6
6 days	78.9	95.9	95.5	98.6	62.8	67.4	97.6	36.0	63.8	77.3	79.9	78.6	90.8	46.3	64.6	81.7	64.2
6½ days	1.9	-	-	-	5.1	5.0	-	2.4	8.9	.1	-	-	-	-	3.2	-	-
7 days	4.9	(2/)	-	.2	32.0	9.6	-	5.0	5.5	1.1	-	-	-	20.7	4.7	-	.4
7½ days .....	.7	-	-	-	-	3.8	-	2.9	-	(2/)	-	-	-	-	.9	-	-
8 days	2.8	.1	-	.5	-	11.0	1.9	10.4	4.2	.5	.1	-	1.1	-	1.1	3.6	.5
8½ days .....	.3	-	-	-	-	2.4	-	.9	-	-	-	-	-	-	-	-	-
9 days	6.4	-	-	-	-	-	-	40.1	-	.1	-	-	-	1.0	1.8	-	-
10 days .....	.1	-	-	-	-	.8	-	-	-	-	-	-	-	-	-	-	-
10½ days	(2/)	-	-	-	-	-	.3	-	-	.1	-	-	-	-	-	.8	-
11 days .....	.2	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-
12 days .....	.2	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-
Establishments providing no paid holidays	3.6	4.0	4.5	.7	-	-	.2	.2	17.6	19.5	19.4	20.7	8.1	32.0	19.0	7.6	33.3

1/ Includes data for industries other than those shown separately.

2/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-3a: *Paid Holidays - Motor Vehicles and Motor-Vehicle Equipment*

Number of paid holidays	Percent of office workers employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/			All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments providing paid holidays	94.1	82.3	92.1	73.1	79.8	57.9	67.4	52.7
6 days	94.1	82.3	92.1	73.1	79.8	57.9	67.4	52.7
Establishments providing no paid holidays	5.9	17.7	7.9	26.9	20.2	42.1	32.6	47.3

1/ For definition of industry, see footnote 1, table A-1a.

2/ For definition of industry, see footnote 1, table A-1b.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-4: *Paid Vacations (Formal Provisions)*

Vacation policy	PERCENT OF OFFICE WORKERS EMPLOYED IN--									PERCENT OF PLANT WORKERS EMPLOYED IN--							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>																	
Establishments with paid vacations	98.6	100.0	100.0	100.0	100.0	99.4	100.0	100.0	82.4	98.2	100.0	100.0	99.8	97.9	93.9	95.4	78.0
Under 1 week	-	-	-	-	-	-	-	-	-	.6	.6	.6	-	3.5	-	-	-
1 week	13.4	7.2	5.4	20.2	40.3	28.2	52.6	1.1	13.7	80.5	88.1	89.9	71.1	57.6	53.4	49.7	68.1
Over 1 and under 2 weeks	1.0	.1	-	.9	-	-	-	1.8	.9	3.7	1.9	1.3	7.9	-	-	19.6	3.5
2 weeks	84.1	92.5	94.4	78.3	59.7	71.2	35.5	97.1	67.8	11.1	6.5	5.6	14.7	36.8	40.5	26.1	6.4
3 weeks .....	.1	.2	.2	.6	-	-	-	-	-	.5	.6	-	6.1	-	-	-	-
Not specified 2/	-	-	-	-	-	-	-	-	-	1.8	2.3	2.6	-	-	-	-	-
Establishments with no paid vacations ...	1.4	-	-	-	-	.6	-	-	17.6	1.8	(3/)	-	.2	2.1	6.1	4.6	22.0
<u>2 years of service</u>																	
Establishments with paid vacations	98.6	100.0	100.0	100.0	100.0	99.4	100.0	100.0	82.4	98.9	100.0	100.0	99.8	97.9	93.9	100.0	81.6
Under 1 week	-	-	-	-	-	-	-	-	-	.3	.1	.2	-	3.5	-	-	-
1 week	4.1	4.7	3.4	14.0	.6	6.4	10.1	-	7.0	58.8	68.7	69.6	58.3	24.4	21.0	13.2	58.9
Over 1 and under 2 weeks .....	.2	.1	.1	.2	-	-	1.4	-	.9	14.2	18.1	20.0	.4	1.5	1.7	.5	-
2 weeks	93.4	95.0	96.3	85.2	99.4	93.0	88.5	95.0	74.5	23.3	10.2	7.6	35.0	68.5	71.2	86.3	22.2
Over 2 and under 3 weeks .....	.3	-	-	-	-	-	-	1.8	-	(3/)	-	-	-	-	-	-	.5
3 weeks .....	.6	.2	.2	.6	-	-	-	3.2	-	.5	.6	-	6.1	-	-	-	-
Not specified 2/	-	-	-	-	-	-	-	-	-	1.8	2.3	2.6	-	-	-	-	-
Establishments with no paid vacations ...	1.4	-	-	-	-	.6	-	-	17.6	1.1	(3/)	-	.2	2.1	6.1	-	18.4
<u>5 years of service</u>																	
Establishments with paid vacations	98.6	100.0	100.0	100.0	100.0	99.4	100.0	100.0	82.4	98.9	100.0	100.0	99.8	97.9	93.9	100.0	81.6
1 week .....	.3	.1	.1	-	-	-	6.1	-	-	.9	.2	.2	.7	3.0	4.6	.8	5.9
Over 1 and under 2 weeks .....	.1	.1	.1	-	-	-	-	-	-	1.2	1.1	1.3	-	3.5	-	-	-
2 weeks	91.6	95.1	97.4	78.8	99.6	92.2	60.9	93.9	69.5	88.1	92.8	93.2	86.8	91.4	84.7	61.1	71.8
Over 2 and under 3 weeks .....	.8	.1	-	.7	-	-	-	2.9	4.2	1.1	1.3	1.4	.7	-	-	-	1.0
3 weeks	5.8	4.6	2.4	20.5	.4	7.2	33.0	3.2	8.7	5.8	2.3	1.3	11.6	-	4.6	38.1	2.9
Not specified 2/	-	-	-	-	-	-	-	-	-	1.8	2.3	2.6	-	-	-	-	-
Establishments with no paid vacations ...	1.4	-	-	-	-	.6	-	-	17.6	1.1	(3/)	-	.2	2.1	6.1	-	18.4
<u>15 years of service</u>																	
Establishments with paid vacations	98.6	100.0	100.0	100.0	100.0	99.4	100.0	100.0	82.4	98.9	100.0	100.0	99.8	97.9	93.9	100.0	81.6
1 week .....	.3	.1	.1	-	-	-	6.1	-	-	.9	.2	.2	.7	3.0	4.6	.8	4.8
Over 1 and under 2 weeks	-	-	-	-	-	-	-	-	-	.3	-	-	-	3.5	-	-	-
2 weeks	29.9	20.2	17.6	40.0	14.8	57.5	33.9	58.9	33.6	27.6	21.5	21.6	21.1	23.7	59.6	44.9	68.9
Over 2 and under 3 weeks .....	.8	.1	-	.7	-	-	-	4.7	-	3.3	4.3	4.7	.7	-	-	-	.5
3 weeks	66.6	79.6	82.3	59.3	85.2	41.9	39.7	36.4	47.9	62.3	71.7	70.9	77.3	67.7	29.7	28.0	4.5
Over 3 weeks	1.0	-	-	-	-	-	20.3	-	.9	2.7	-	-	-	-	-	26.3	2.9
Not specified 2/	-	-	-	-	-	-	-	-	-	1.8	2.3	2.6	-	-	-	-	-
Establishments with no paid vacations ...	1.4	-	-	-	-	.6	-	-	17.6	1.1	(3/)	-	.2	2.1	6.1	-	18.4

1/ Includes data for industries other than those shown separately.

2/ Identical bonus payments in lieu of time off regardless of individual worker earnings.

3/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-1a: *Paid Vacations (Formal Provisions) - Motor Vehicles and Motor-Vehicle Equipment*

Vacation policy	Percent of office workers employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/			All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>								
Establishments with paid vacations	99.4	95.8	100.0	91.8	100.0	100.0	100.0	100.0
1 week	2.8	3.2	6.5	-	93.5	90.1	71.7	100.0
Over 1 and under 2 weeks	-	-	-	-	.5	3.3	9.5	-
2 weeks	96.6	92.6	93.5	91.8	2.4	5.7	16.3	-
Not specified 3/	-	-	-	-	3.6	.9	2.5	-
Establishments with no paid vacations ..	.6	4.2	-	8.2	-	-	-	-
<u>2 years of service</u>								
Establishments with paid vacations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 week	2.5	.9	1.9	-	73.4	89.3	69.5	100.0
Over 1 and under 2 weeks	-	-	-	-	20.6	4.1	11.7	-
2 weeks	97.5	99.1	98.1	100.0	2.4	5.7	16.3	-
Not specified 3/	-	-	-	-	3.6	.9	2.5	-
<u>5 years of service</u>								
Establishments with paid vacations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 weeks	99.4	95.8	100.0	91.8	95.4	92.9	79.9	100.0
Over 2 and under 3 weeks	-	-	-	-	1.0	6.2	17.6	-
3 weeks .....	.6	4.2	-	8.2	-	-	-	-
Not specified 3/	-	-	-	-	3.6	.9	2.5	-
<u>15 years of service</u>								
Establishments with paid vacations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 weeks	6.5	50.1	72.9	28.5	6.7	43.8	52.6	39.1
Over 2 and under 3 weeks	-	-	-	-	2.6	16.9	12.6	19.3
3 weeks	93.5	49.9	27.1	71.5	87.1	38.4	32.3	41.6
Not specified 3/	-	-	-	-	3.6	.9	2.5	-

1/ For definition of industry, see footnote 1, table A-1a.

2/ For definition of industry, see footnote 1, table A-1b.

3/ Identical bonus payments in lieu of time off regardless of individual worker earnings.

Occupational Wage Survey, Detroit, Mich., December 1951

U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-5: *Paid Sick Leave (Formal Provisions)*

Provisions for paid sick leave	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>																	
Establishments with formal provisions for paid sick leave	48.1	52.6	54.7	37.1	55.5	47.9	52.9	35.3	29.8	9.1	3.1	2.3	11.2	30.4	23.0	39.5	11.1
2 days .....	.1	-	-	-	.7	-	-	-	-	-	-	-	-	-	-	-	-
3 days	(2/)	-	-	-	-	-	1.0	-	-	.3	-	-	-	-	2.4	.4	4.2
4 days .....	.6	-	-	-	-	4.5	-	1.9	-	(2/)	-	-	-	-	1.3	-	-
5 days	8.5	9.2	8.7	13.3	14.1	4.4	7.6	.7	16.1	3.4	2.8	2.1	10.2	7.9	6.4	3.9	5.0
6 days	2.3	.1	-	.7	3.9	3.0	17.3	3.7	4.2	1.5	.2	.2	-	-	.8	11.7	.5
7 days .....	.2	-	-	-	-	-	-	1.1	.7	.1	.1	-	1.0	-	-	-	-
8 days .....	.6	.1	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
10 days	17.6	25.4	26.1	20.0	-	15.4	3.9	11.8	4.9	.4	-	-	-	-	.5	3.6	1.4
12 days	2.8	2.6	2.8	1.5	-	7.2	-	5.6	-	.2	-	-	-	-	6.1	.2	-
14 days .....	.3	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-
15 days	1.7	.1	-	.6	-	-	-	10.5	-	-	-	-	-	-	-	-	-
20 days	3.5	-	-	-	32.0	7.1	-	-	-	1.0	-	-	-	20.7	1.9	-	-
21 days	8.4	15.1	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 days .....	.2	-	-	-	-	3.3	-	-	-	.1	-	-	-	-	1.8	-	-
24 days .....	.3	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-
25 days .....	.2	-	-	-	-	3.0	-	-	-	.1	-	-	-	-	1.8	-	-
30 days .....	.2	-	-	-	2.2	-	-	-	-	.1	-	-	-	1.8	-	-	-
50 days .....	.6	-	-	-	-	-	11.9	-	-	1.9	-	-	-	-	-	19.7	-
Establishments with no formal provisions for paid sick leave	51.9	47.4	45.3	62.9	44.5	52.1	47.1	64.7	70.2	90.9	96.9	97.7	88.8	69.6	77.0	60.5	88.9
<u>2 years of service</u>																	
Establishments with formal provisions for paid sick leave	48.9	52.6	54.7	37.1	55.5	47.9	52.9	40.2	29.8	9.9	3.1	2.3	11.2	33.5	23.0	46.2	11.1
3 days	(2/)	-	-	-	-	-	1.0	-	-	.2	-	-	-	-	2.4	.4	2.6
4 days .....	.6	-	-	-	-	4.5	-	1.9	-	(2/)	-	-	-	-	1.3	-	-
5 days	7.2	7.3	6.5	13.3	14.1	4.4	7.6	-	15.1	3.4	2.8	2.1	10.2	7.9	5.2	3.9	5.0
6 days	2.3	.1	-	.7	3.9	3.0	17.1	3.7	4.2	2.2	.2	.2	-	-	.8	18.2	2.1
7 days .....	.2	-	-	-	-	-	-	1.1	.7	.1	.1	-	1.0	-	-	-	-
8 days .....	.6	.1	-	1.0	-	-	-	-	11.2	-	-	-	-	-	-	-	-
10 days	18.3	27.1	28.2	18.5	-	9.4	3.9	12.3	5.9	.5	-	-	-	-	1.8	3.6	1.4
12 days	2.5	2.6	2.8	1.5	-	7.2	.2	3.5	-	.2	-	-	-	-	6.0	.4	-
14 days .....	.3	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-
15 days	1.4	.2	-	2.1	-	-	-	7.8	-	-	-	-	-	-	-	-	-
17 days .....	.3	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-
20 days	4.1	.1	.1	-	32.0	7.1	-	3.5	-	1.0	-	-	-	20.7	1.9	-	-
21 days	8.4	15.1	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 days .....	.7	-	-	-	.7	9.3	-	-	-	.2	-	-	-	3.1	1.8	-	-
24 days .....	.3	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-
25 days .....	.5	-	-	-	-	3.0	-	1.9	-	.1	-	-	-	-	1.8	-	-
30 days .....	.2	-	-	-	2.2	-	-	-	-	.1	-	-	-	1.8	-	-	-
40 days .....	.4	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-
50 days .....	.6	-	-	-	-	-	11.9	-	-	1.9	-	-	-	-	-	19.7	-
Establishments with no formal provisions for paid sick leave	51.1	47.4	45.3	62.9	44.5	52.1	47.1	59.8	70.2	90.1	96.9	97.7	88.8	66.5	77.0	53.8	88.9

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-5: Paid Sick Leave (Formal Provisions) - Continued

Provisions for paid sick leave	PERCENT OF OFFICE WORKERS EMPLOYED IN--									PERCENT OF PLANT WORKERS EMPLOYED IN--							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>5 years of service</u>																	
Establishments with formal provisions for paid sick leave	48.9	52.6	54.7	37.1	55.5	47.9	52.9	40.2	29.8	9.9	3.1	2.3	11.2	33.5	23.0	46.2	11.1
3 days	(2/)	-	-	-	-	-	1.0	-	-	.1	-	-	-	-	2.4	.4	-
4 days .....	.3	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-
5 days	5.7	6.3	5.4	13.3	14.1	4.4	7.6	-	2.1	3.2	2.8	2.1	10.2	7.9	5.2	3.9	4.6
6 days	2.3	.1	-	.7	3.9	3.0	16.9	3.7	4.2	2.2	.2	.2	-	-	.8	17.9	3.1
7 days .....	.2	-	-	-	-	-	-	1.1	.7	.1	.1	-	1.0	-	-	-	-
8 days .....	.6	.1	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
9 days	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	-	-	1.6
10 days	9.0	12.5	12.0	15.9	-	9.4	3.9	5.4	4.9	.5	-	-	-	-	1.8	3.6	1.4
12 days	2.8	2.6	2.8	1.5	-	11.7	.4	3.5	-	.3	-	-	-	-	7.3	.7	-
14 days .....	.3	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-
15 days	1.7	.1	-	.6	-	-	-	9.8	1.0	-	-	-	-	-	-	-	-
20 days	12.7	15.3	17.3	-	32.0	2.4	-	-	13.0	1.0	-	-	-	20.7	-	-	.4
21 days	8.4	15.1	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 days .....	.7	-	-	-	-	5.9	-	2.2	-	.1	-	-	-	-	1.8	-	-
24 days .....	.3	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-
25 days .....	.7	-	-	-	-	3.0	-	3.5	-	.1	-	-	-	-	1.8	-	-
30 days	1.3	.5	.1	4.1	2.2	-	-	4.9	-	-	-	-	-	-	-	-	-
33 days .....	.1	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-
35 days	-	-	-	-	-	-	-	-	-	.1	-	-	-	1.8	-	-	-
40 days .....	.3	-	-	-	-	4.8	-	-	-	.1	-	-	-	1.9	-	-	-
44 days .....	.1	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-
50 days .....	.9	-	-	-	-	-	11.9	1.9	-	1.9	-	-	-	-	-	19.7	-
72 days .....	.1	-	-	-	.7	-	-	-	-	.1	-	-	-	3.1	-	-	-
Over 72 days .....	.4	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	51.1	47.4	45.3	62.9	44.5	52.1	47.1	59.8	70.2	90.1	96.9	97.7	88.8	66.5	77.0	53.8	88.9
<u>15 years of service</u>																	
Establishments with formal provisions for paid sick leave	48.9	52.6	54.7	37.1	55.5	47.9	52.9	40.2	29.8	9.9	3.1	2.3	11.2	33.5	23.0	46.2	11.1
3 days	(2/)	-	-	-	-	-	1.0	-	-	.1	-	-	-	-	2.4	0.4	-
4 days .....	.3	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-
5 days	5.3	5.7	4.7	13.3	14.1	4.4	7.6	-	2.1	3.2	2.8	2.1	10.2	7.9	5.2	3.9	4.6
6 days	2.3	.1	-	.7	3.9	3.0	16.9	3.7	4.2	2.2	.2	.2	-	-	.8	17.9	3.1
7 days .....	.2	-	-	-	-	-	-	1.0	.7	.1	.1	-	1.0	-	-	-	-
8 days .....	.6	.1	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
10 days	9.3	13.1	12.7	15.9	-	9.4	3.9	5.4	4.9	.5	-	-	-	-	1.8	3.6	1.4
12 days	2.8	2.6	2.8	1.5	-	11.7	.4	3.5	-	.4	-	-	-	-	7.3	.7	1.6
14 days .....	.3	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-
15 days	1.2	.1	-	.6	-	-	-	7.1	-	-	-	-	-	-	-	-	-
20 days	12.3	15.2	17.3	-	32.0	2.4	-	2.9	1.0	1.0	-	-	-	20.7	-	-	-
21 days	8.4	15.1	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 days .....	.7	-	-	-	-	5.9	-	2.1	-	.1	-	-	-	-	1.8	-	-
24 days .....	.3	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-
25 days .....	.2	-	-	-	-	3.0	-	-	-	.1	-	-	-	-	1.8	-	-
30 days	1.9	.2	-	1.5	2.2	-	-	3.5	13.0	(2/)	-	-	-	-	-	-	.4
40 days	(2/)	.1	.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44 days .....	.1	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-
50 days .....	.6	-	-	-	-	-	11.9	-	-	2.0	-	-	-	1.8	-	19.7	-
60 days .....	.5	.3	-	2.6	-	4.8	-	-	-	.1	-	-	-	1.9	-	-	-
72 days .....	.1	-	-	-	.7	-	-	-	-	.1	-	-	-	3.1	-	-	-
Over 72 days	1.5	-	-	-	-	1.8	-	9.1	-	-	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	51.1	47.4	45.3	62.9	44.5	52.1	47.1	59.8	70.2	90.1	96.9	97.7	88.8	66.5	77.0	53.8	88.9

1/ Includes data for industries other than those shown separately.

2/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-5a: *Paid Sick Leave (Formal Provisions) - Motor Vehicles and Motor-Vehicle Equipment*

Provisions for paid sick leave	Percent of office workers employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments <u>1/</u>	Motor-vehicle parts and accessories establishments <u>2/</u>			All motor vehicle and motor-vehicle equipment establishments <u>1/</u>	Motor-vehicle parts and accessories establishments <u>2/</u>		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>								
Establishments with formal provisions for paid sick leave	59.8	31.2	31.1	31.4	0.3	1.8	5.0	-
5 days	1.0	7.5	-	14.7	-	-	-	-
6 days	-	-	-	-	.3	1.8	5.0	-
10 days	32.8	21.0	25.5	16.7	-	-	-	-
12 days	3.0	2.7	5.6	-	-	-	-	-
21 days	23.0	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	40.2	68.8	68.9	68.6	99.7	98.2	95.0	100.0
<u>2 years of service</u>								
Establishments with formal provisions for paid sick leave	59.8	31.2	31.1	31.4	.3	1.8	5.0	-
5 days	1.0	7.5	-	14.7	-	-	-	-
6 days	-	-	-	-	.3	1.8	5.0	-
10 days	32.8	21.0	25.5	16.7	-	-	-	-
12 days	3.0	2.7	5.6	-	-	-	-	-
21 days	23.0	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	40.2	68.8	68.9	68.6	99.7	98.2	95.0	100.0
<u>5 years of service</u>								
Establishments with formal provisions for paid sick leave	59.8	31.2	31.1	31.4	.3	1.8	5.0	-
5 days	1.0	7.5	-	14.7	-	-	-	-
6 days	-	-	-	-	.3	1.8	5.0	-
10 days	9.5	21.0	25.5	16.7	-	-	-	-
12 days	3.0	2.7	5.6	-	-	-	-	-
20 days	23.3	-	-	-	-	-	-	-
21 days	23.0	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	40.2	68.8	68.9	68.6	99.7	98.2	95.0	100.0
<u>15 years of service</u>								
Establishments with formal provisions for paid sick leave	59.8	31.2	31.1	31.4	.3	1.8	5.0	-
5 days	1.0	7.5	-	14.7	-	-	-	-
6 days	-	-	-	-	.3	1.8	5.0	-
10 days	9.5	21.0	25.5	16.7	-	-	-	-
12 days	3.0	2.7	5.6	-	-	-	-	-
20 days	23.3	-	-	-	-	-	-	-
21 days	23.0	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	40.2	68.8	68.9	68.6	99.7	98.2	95.0	100.0

1/ For definition of industry, see footnote 1, table A-1a.

2/ For definition of industry, see footnote 1, table A-1b.Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-6: *Nonproduction Bonuses*

Type of bonus	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with nonproduction bonuses 2/	40.0	27.7	29.2	16.6	10.1	65.7	58.7	77.3	56.9	28.3	22.6	24.3	6.3	4.6	50.0	73.5	35.9
Christmas or year-end	28.1	8.7	8.5	10.2	9.7	62.9	57.0	71.4	56.9	15.4	6.6	6.8	5.0	2.1	50.0	68.0	35.9
Profit-sharing .....	.7	.9	.1	6.5	.4	1.1	1.7	-	-	.8	.3	.2	1.3	-	-	5.5	-
Other	12.8	18.5	20.6	2.6	-	4.6	-	7.4	13.1	12.3	15.7	17.3	1.1	2.5	3.2	-	.4
Establishments with no nonproduction bonuses	60.0	72.3	70.8	83.4	89.9	34.3	41.3	22.7	43.1	71.7	77.4	75.7	93.7	95.4	50.0	26.5	64.1

1/ Includes data for industries other than those shown separately.

2/ Unduplicated total.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-6a: *Nonproduction Bonuses - Motor Vehicles and Motor-Vehicle Equipment*

Type of bonus	Percent of office workers employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/			All motor vehicle and motor-vehicle equipment establishments 1/	Motor-vehicle parts and accessories establishments 2/		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with nonproduction bonuses 3/	27.2	32.3	45.9	19.6	26.2	19.9	24.4	17.4
Christmas or year-end	4.2	32.3	45.9	19.6	3.0	19.9	24.4	17.4
Profit-sharing	-	-	-	-	-	-	-	-
Other	23.0	-	-	-	23.2	-	-	-
Establishments with no nonproduction bonuses	72.8	67.7	54.1	80.4	73.8	80.1	75.6	82.6

1/ For definition of industry, see footnote 1, table A-1a.

2/ For definition of industry, see footnote 1, table A-1b.

3/ Unduplicated total.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-7: *Insurance and Pension Plans*

Type of plan	PERCENT OF OFFICE WORKERS EMPLOYED IN--									PERCENT OF PLANT WORKERS EMPLOYED IN--							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries ^{1/}	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with insurance or pension plans ^{2/}	94.2	97.3	97.8	93.3	98.5	78.5	81.7	94.3	86.3	90.6	94.0	94.4	90.4	98.6	74.3	88.5	45.4
Life insurance	89.9	95.4	97.0	83.2	97.8	63.6	62.0	90.3	77.3	84.8	91.7	92.8	81.0	94.2	53.5	61.7	36.8
Health insurance	79.3	93.0	95.4	74.8	58.1	61.1	47.7	66.3	66.8	82.1	90.6	92.8	70.1	74.8	63.6	47.6	38.1
Hospitalization	78.3	91.9	94.3	73.9	57.7	57.8	37.8	71.7	60.1	78.5	88.1	91.3	58.5	64.0	52.2	43.3	32.4
Retirement pension	69.4	83.7	87.1	58.0	85.2	43.3	30.9	51.6	26.7	67.5	76.6	78.9	54.9	68.6	34.7	42.0	1.4
Other	(^{3/})	-	-	-	-	-	.2	-	-	-	-	-	-	-	-	-	-
Establishments with no insurance or pension plans	5.8	2.7	2.2	6.7	1.5	21.5	18.3	5.7	13.7	9.4	6.0	5.6	9.6	1.4	25.7	11.5	54.6

^{1/} Includes data for industries other than those shown separately.

^{2/} Unduplicated total.

^{3/} Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-7a: *Insurance and Pension Plans - Motor Vehicles and Motor-Vehicle Equipment*

Type of plan	Percent of office workers employed in -				Percent of plant workers employed in -			
	All motor vehicle and motor-vehicle equipment establishments ^{1/}	Motor-vehicle parts and accessories establishments ^{2/}			All motor vehicle and motor-vehicle equipment establishments ^{1/}	Motor-vehicle parts and accessories establishments ^{2/}		
		Total	101-1000 workers	1001 or more workers		Total	101-1000 workers	1001 or more workers
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with insurance or pension plans ^{3/}	97.2	97.2	94.2	100.0	92.2	100.0	100.0	100.0
Life insurance	97.0	95.6	90.9	100.0	92.1	99.1	97.5	100.0
Health insurance	96.7	93.1	85.8	100.0	91.8	97.6	93.1	100.0
Hospitalization	93.5	93.1	85.8	100.0	90.1	95.6	87.5	100.0
Retirement pension	93.0	64.9	36.4	91.8	86.9	65.1	23.8	87.5
Establishments with no insurance or pension plans	2.8	2.8	5.8	-	7.8	-	-	-

^{1/} For definition of industry, see footnote 1, table A-1a.

^{2/} For definition of industry, see footnote 1, table A-1b.

^{3/} Unduplicated total.

Occupational Wage Survey, Detroit, Mich., December 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Appendix - Scope and Method of Survey

With the exception of the union scale of rates, information presented in this bulletin was collected by visits of field representatives of the Bureau to representative establishments in the area surveyed. In classifying workers by occupation, uniform job descriptions were used; these are available upon request.

Six broad industry divisions were covered in compiling earnings data for the following types of occupations: (a) office clerical, (b) professional and technical, (c) maintenance and power plant, and (d) custodial, warehousing, and shipping (tables A-1 through A-4). The covered industry groupings are: manufacturing; transportation (except railroads), communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Information on work schedules and supplementary benefits also was obtained in a representative group of establishments in each of these industry divisions. As indicated in the following table only establishments above a certain size were studied. Smaller establishments were omitted because they furnished insufficient employment in the occupations studied to warrant their inclusion.

Among the industries in which characteristic jobs were studied, minimum size of establishment and extent of the area covered were determined separately for each industry (see following table). Although size limits frequently varied from those established for surveying cross-industry office and plant jobs, data for these jobs were included only for firms meeting the size requirements of the broad industry divisions.

A greater proportion of large than of small establishments was studied in order to maximize the number of workers surveyed with available resources. Each group of establishments

of a certain size, however, was given its proper weight in the combination of data by industry and occupation.

The earnings information excludes premium pay for overtime and night work. Nonproduction bonuses are also excluded, but cost-of-living bonuses and incentive earnings, including commissions for salespersons, are included. Where weekly hours are reported as for office clerical, they refer to the work schedules (rounded to the nearest half-hour) for which the straight-time salaries are paid; average weekly earnings for these occupations have been rounded to the nearest 50 cents. The number of workers presented refers to the estimated total employment in all establishments within the scope of the study and not to the number actually surveyed. Data are shown for only full-time workers, i.e., those hired to work the establishment's full-time schedule for the given occupational classification.

Information on wage practices refers to all office and plant workers as specified in the individual tables. It is presented in terms of the proportion of all workers employed in offices (or plant departments) that observe the practice in question, except in the section relating to women office workers of the table summarizing scheduled weekly hours. Because of eligibility requirements, the proportion actually receiving the specific benefits may be smaller. The summary of vacation and sick leave plans is limited to formal arrangements. It excludes informal plans whereby time off with pay is granted at the discretion of the employer or other supervisor. Sick leave plans are further limited to those providing full pay for at least some amount of time off without any provision for a waiting period preceding the payment of benefits. These plans also exclude health insurance even though it is paid for by employers. Health insurance is included, however, under tabulation for insurance and pension plans.

ESTABLISHMENTS AND WORKERS IN MAJOR INDUSTRY DIVISIONS AND IN SELECTED INDUSTRIES IN DETROIT, MICH., 1/
AND NUMBER STUDIED BY THE BUREAU OF LABOR STATISTICS, DECEMBER 1951

Item	Minimum number of workers in establishments studied 2/	Number of establishments		Employment		
		Estimated total within scope of study	Studied	Estimated total within scope of study	In establishments studied	
					Total	Office
<u>Industry divisions in which occupations were surveyed on an area basis</u>						
All divisions	-	1,755	349	732,900	539,000	76,980
Manufacturing	101	415	124	529,000	423,700	49,070
Durable goods 3/	101	302	81	472,100	386,200	44,060
Nondurable goods 4/	101	113	43	56,900	37,500	5,010
Nonmanufacturing	-	1,340	225	203,900	115,300	27,910
Transportation (excluding railroads), communication, and other public utilities	101	61	23	42,700	35,400	9,140
Wholesale trade	21	422	53	29,600	9,100	2,450
Retail trade	101	125	40	67,000	45,600	3,450
Finance, insurance, and real estate	21	248	52	27,600	14,500	10,250
Services 5/	21	484	57	37,000	10,700	2,620
<u>Industries in which occupations were surveyed on an industry basis 6/</u>						
Foundries, nonferrous	8	28	14	2,365	2,128	72
Forgings, iron and steel	21	13	9	1,545	1,405	134
Sheet-metal work	21	15	11	1,117	975	42
Electroplating, plating, and polishing	8	41	14	2,504	1,906	96
Machinery industries	7/ 21	514	78	82,909	55,670	7,144
Machinery	21	157	32	58,848	45,349	5,814
Machine-tool accessories, jobbing shops	8	299	24	14,981	2,960	126
Machine-tool accessories, production shops ..	8	58	22	9,080	7,361	1,204
Railroads	101	12	8	14,161	12,783	-
Milk dealers	21	27	12	4,883	3,814	348
Insurance carriers	21	68	23	17,548	6,160	3,970

1/ Detroit Metropolitan Area (Macomb, Oakland, and Wayne Counties).

2/ Total establishment employment.

3/ Metalworking; lumber, furniture, and other wood products; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing.

4/ Food and kindred products; tobacco; textiles; apparel and other finished textile products; paper and paper products; printing and publishing; chemicals; products of petroleum and coal; rubber products; and leather and leather products.

5/ Hotels; personal services; business services; automobile repair shops; radio broadcasting and television; motion pictures; nonprofit membership organizations; and engineering and architectural services.

6/ Industries are defined in footnotes to wage tables.

7/ Establishments manufacturing machine-tool accessories with 8 or more workers were included.

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Assembler (insurance carriers)	27	Cleaner (railroads)	26
Assembler (machinery)	23, 24, 25	Cleaner (sheet-metal work)	22
Automatic-lathe operator (machinery)	23	Clerk, accounting	3, 5
Bartender (hotels)	30	Clerk, accounting (insurance carriers)	27
Bellman (hotels)	30	Clerk, accounting (motor vehicles and motor-vehicle equipment)	8
Bench hand (bakeries)	28	Clerk, accounting (motor-vehicle parts and accessories)	9
Biller, machine	4	Clerk, correspondence (insurance carriers)	27
Biller, machine (motor vehicles and motor-vehicle equipment)	8	Clerk, file	3, 5
Biller, machine (motor-vehicle parts and accessories)	9	Clerk, file (insurance carriers)	27
Bookbinder (printing)	29	Clerk, file (motor vehicles and motor-vehicle equipment)	8
Bookkeeper, hand	3, 4	Clerk, file (motor-vehicle parts and accessories)	9
Bookkeeper, hand (motor vehicles and motor-vehicle equipment)	8	Clerk, general	3, 5
Bookkeeper, hand (motor-vehicle parts and accessories) ..	9	Clerk, general (insurance carriers)	27
Bookkeeping-machine operator	4	Clerk, general (motor-vehicle parts and accessories) ..	9
Bookkeeping-machine operator (motor vehicles and motor-vehicle equipment)	8	Clerk, order	3, 6
Bookkeeping-machine operator (motor-vehicle parts and accessories)	9	Clerk, order (motor vehicles and motor-vehicle equipment)	8
Bottler (malt liquors)	28	Clerk, order (motor-vehicle parts and accessories)	10
Brewer (malt liquors)	28	Clerk, payroll	3, 6
Bricklayer (building construction)	28	Clerk, payroll (motor vehicles and motor-vehicle equipment)	8
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Cabinetmaker (millwork)	29	Clerk, premium-ledger-card (insurance carriers)	27
Calculating-machine operator	5	Clerk, underwriter (insurance carriers)	27
Calculating-machine operator (motor vehicles and motor-vehicle equipment)	8	Compositor, hand (printing)	29
Calculating-machine operator (motor-vehicle parts and accessories)	9	Cook (restaurants)	30
Carpenter (building construction)	28	Coremaker, hand (nonferrous foundries)	21
Carpenter, maintenance	12	Coremaker, machine (nonferrous foundries)	21
Carpenter, maintenance (motor-vehicles and motor-vehicle equipment)	14	Crane operator, electric bridge	16
Carpenter, maintenance (motor-vehicle parts and accessories)	15	Crane operator, electric bridge (motor vehicles and motor-vehicle equipment)	19
Carpenter, maintenance (railroads)	26	Crane operator, electric bridge (motor-vehicle parts and accessories)	19
Chipper and grinder (iron and steel forgings)	21	Die setter (iron and steel forgings)	21
Chipper and grinder (nonferrous foundries)	21	Die sinker (iron and steel forgings)	21
Cleaner	16	Dishwasher (restaurants)	30
Cleaner (machinery)	23, 24, 25	Draftsman	11
Cleaner (motor vehicles and motor-vehicle equipment) ..	19	Draftsman (motor vehicles and motor-vehicle equipment)	11
Cleaner (motor-vehicle parts and accessories)	19, 20	Draftsman (motor-vehicle parts and accessories)	12
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Duplicating-machine operator	3, 6	Houseman (hotels)	30
Duplicating-machine operator (motor vehicles and motor-vehicle equipment)	8	Inspector (iron and steel forgings)	21
Duplicating-machine operator (motor-vehicle parts and accessories)	10	Inspector (machinery)	23, 24, 25
Electrician (building construction)	28	Janitor	16
Electrician, maintenance	13	Janitor (machinery)	23, 24, 25
Electrician, maintenance (machinery)	23, 24, 25	Janitor (motor vehicles and motor-vehicle equipment)	19
Electrician, maintenance (motor vehicles and motor-vehicle equipment)	14	Janitor (motor-vehicle parts and accessories)	19, 20
Electrician, maintenance (motor-vehicle parts and accessories)	15	Janitor (railroads)	26
Electrician, maintenance (nonferrous foundries)	21	Janitor (sheet-metal work)	22
Electrician, maintenance (railroads)	26	Key-punch operator	6
Electrotyper (printing)	29	Key-punch operator (insurance carriers)	27
Engine-lathe operator (machinery)	23, 24, 25	Key-punch operator (motor vehicles and motor-vehicle equipment)	8
Engineer, stationary	13	Key-punch operator (motor-vehicle parts and accessories)	10
Engineer, stationary (milk dealers)	26	Laborer (building construction)	28
Engineer, stationary (motor vehicles and motor-vehicle equipment)	14	Lay-out man (sheet-metal work)	22
Engineer, stationary (motor-vehicle parts and accessories)	15	Machine operator (printing)	29
Filling-machine tender (milk dealers)	26	Machine tender (printing)	29
Fireman, stationary boiler	13	Machine-tool operator, production (machinery)	23, 24, 25
Fireman, stationary boiler (motor vehicles and motor-vehicle equipment)	14	Machine-tool operator, toolroom	13
Fireman, stationary boiler (motor-vehicle parts and accessories)	15	Machine-tool operator, toolroom (machinery)	23
Furnace tender (nonferrous foundries)	21	Machine-tool operator, toolroom (motor vehicles and motor-vehicle equipment)	14
Glazier (millwork)	29	Machine-tool operator, toolroom (motor-vehicle parts and accessories)	15
Grinding-machine operator (machinery)	23, 24, 25	Machinist, maintenance	13
Guard	16	Machinist, maintenance (motor vehicles and motor-vehicle equipment)	14
Guard (motor vehicles and motor-vehicle equipment)	19	Machinist, maintenance (motor-vehicle parts and accessories)	15
Guard (motor-vehicle parts and accessories)	19	Maid (hotels)	30
Hammersmith (iron and steel forgings)	21	Mailer (printing)	29
Heater, forge (iron and steel forgings)	21	Maintenance man, general utility	13
Helper (bakeries)	28	Maintenance man, general utility (motor vehicles and motor-vehicle equipment)	14
Helper, forge (iron and steel forgings)	21	Maintenance man, general utility (motor-vehicle parts and accessories)	15
Helper, motortruck driver	29, 30	Mechanic, automotive (maintenance)	13
Helper, trades, maintenance	13	Mechanic, automotive (maintenance) (motor vehicles and motor-vehicle equipment)	14
Helper, trades, maintenance (motor vehicles and motor-vehicle equipment)	14		

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Mechanic, automotive (maintenance) (railroads)	26	Painter, maintenance	14
Mechanic, maintenance	14	Painter, maintenance (motor vehicles and motor-vehicle equipment)	14
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Mechanic, maintenance (motor-vehicle parts and accessories)	15	Pasteurizer (milk dealers)	26
Mechanic, maintenance (railroads)	26	Photoengraver (printing)	29
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Millwright (motor vehicles and motor-vehicle equipment)	14	Pipe fitter, maintenance (motor-vehicle parts and accessories)	15
Millwright (motor-vehicle parts and accessories)	15	Plasterer (building construction)	28
Millwright (nonferrous foundries)	21	Plater (electroplating, plating, and polishing)	22
Mixer (bakeries)	28	Plater's helper (electroplating, plating, and polishing)	22
Molder (bakeries)	28	Plumber (building construction)	28
Molder, floor (nonferrous foundries)	21	Plumber, maintenance	14
Molder, hand, bench (nonferrous foundries)	21	Polisher and buffer, metal (electroplating, plating, and polishing)	22
Motortruck driver	29, 30	Polishing-and-buffing-machine operator (electroplating, plating, and polishing)	22
Nurse, industrial (registered)	11	Porter	16
Nurse, industrial (registered) (motor vehicles and motor-vehicle equipment)	11	Porter (machinery)	23, 24, 25
Nurse, industrial (registered) (motor-vehicle parts and accessories)	12	Porter (motor vehicles and motor-vehicle equipment)	19
Office boy	3	Porter (motor-vehicle parts and accessories)	19, 20
Office boy (motor vehicles and motor-vehicle equipment)	8	Porter (sheet-metal work)	22
Office boy (motor-vehicle parts and accessories)	9	Pourer, metal (nonferrous foundries)	21
Office girl	6	Power-brake operator (sheet-metal work)	22
Oiler	14	Power-shear operator (sheet-metal work)	22
Oiler (motor vehicles and motor-vehicle equipment)	14	Premium acceptor (insurance carriers)	27
Oiler (motor-vehicle parts and accessories)	15	Press assistant (printing)	29
Operator (local transit)	29	Press feeder (printing)	29
Order filler	16	Pressman (printing)	29
Order filler (milk dealers)	26	Receiving clerk	17
Order filler (motor vehicles and motor-vehicle equipment)	19	Receiving clerk (motor vehicles and motor-vehicle equipment)	19
Order filler (motor-vehicle parts and accessories)	20	Receiving clerk (motor-vehicle parts and accessories)	20
Overman (bakeries)	28	Refrigerator man (milk dealers)	26
Packer	16, 17	Routeman (driver-salesman) (milk dealers)	26
Packer (bakeries)	28	Sand mixer (nonferrous foundries)	21
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Secretary (motor vehicles and motor-vehicle equipment)	8	Tracer (motor vehicles and motor-vehicle equipment)	11
Secretary (motor-vehicle parts and accessories)	10	Tracer (motor-vehicle parts and accessories)	12
Section head (insurance carriers)	27	Transcribing-machine operator	7
Shake-out man (nonferrous foundries)	21	Transcribing-machine operator (motor vehicles and motor-vehicle equipment)	8
Sheet-metal worker, maintenance	14	Transcribing-machine operator (motor-vehicle parts and accessories)	10
Sheet-metal worker, maintenance (motor vehicles and motor-vehicle equipment)	14	Trim-press operator (iron and steel forgings)	21
Sheet-metal worker, maintenance (motor-vehicle parts and accessories)	15	Truck driver	17, 18
Sheet-metal worker, production (sheet-metal work)	22	Truck driver (milk dealers)	26
Shipping clerk	17	Truck driver (motor vehicles and motor-vehicle equipment)	19
Shipping-and-receiving clerk	17	Truck driver (motor-vehicle parts and accessories)	20
Stenographer	7	Truck driver (railroads)	26
Stenographer (insurance carriers)	27	Trucker, hand	17
Stenographer (motor vehicles and motor-vehicle equipment)	8	Trucker, hand (machinery)	23, 25
Stenographer (motor-vehicle parts and accessories)	10	Trucker, hand (motor vehicles and motor-vehicle equipment)	19
Stereotyper (printing)	29	Trucker, hand (motor-vehicle parts and accessories)	20
Stock handler	17	Trucker, hand (railroads)	26
Stock handler (motor vehicles and motor-vehicle equipment)	19	Trucker, power	18
Stock handler (motor-vehicle parts and accessories)	20	Trucker, power (iron and steel forgings)	21
Stock handler (railroads)	26	Trucker, power (motor vehicles and motor-vehicle equipment)	19
Switchboard operator	7	Trucker, power (motor-vehicle parts and accessories) ...	20
Switchboard operator (motor vehicles and motor-vehicle equipment)	8	Trucker, power (nonferrous foundries)	21
Switchboard operator (motor-vehicle parts and accessories)	10	Turret-lathe operator, hand (machinery)	23, 24, 25
Switchboard operator-receptionist	7	Typist	7, 8
Switchboard operator-receptionist (motor vehicles and motor-vehicle equipment)	8	Typist (insurance carriers)	27
Switchboard operator-receptionist (motor-vehicle parts and accessories)	10	Typist (motor vehicles and motor-vehicle equipment)	8
Tabulating-machine operator	4, 7	Typist (motor-vehicle parts and accessories)	10
Tabulating-machine operator (insurance carriers)	27	Underwriter (insurance carriers)	27
Tabulating-machine operator (motor vehicles and motor-vehicle equipment)	8	Washer, bottle, machine (milk dealers)	26
Tabulating-machine operator (motor-vehicle parts and accessories)	10	Washer, can, machine (milk dealers)	26
Tool-and-die maker	14	Watchman	18
Tool-and-die maker (machinery)	23, 24, 25	Watchman (motor vehicles and motor-vehicle equipment) ..	19
		Watchman (motor-vehicle parts and accessories)	20
		Welder, hand (machinery)	23, 24
		Welder, hand (sheet-metal work)	22
		Wrapper (bakeries)	28

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