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## **HIGHLIGHTS OF DETROIT-WARREN-FLINT, MI NATIONAL COMPENSATION SURVEY MAY 2007**

Workers in the Detroit-Warren-Flint Combined Statistical Area earned an average of \$23.15 per hour in May 2007, according to new survey results from the National Compensation Survey (NCS) released by the U.S. Department of Labor's Bureau of Labor Statistics (BLS). Regional Commissioner Jay A. Mousa noted that wage data were reported for workers in a wide range of occupational groups, including average hourly earnings of \$34.83 for architecture and engineering occupations and \$21.21 for installation, maintenance, and repair. Another occupational group, protective service, had a mean hourly wage rate of \$19.43. The NCS data available for the Detroit area include earnings for 21 major occupational groups with additional detail for selected occupations within those groups. (See table 1.)

Mechanical engineers, part of the architecture and engineering occupational group, earned \$34.46 per hour. Within the installation, maintenance, and repair group, industrial machinery mechanics averaged \$28.98 per hour. Correctional officers and jailers, an occupation within the protective service group, registered an average hourly rate of \$22.14. (See table 1.)

Broad coverage of selected occupational characteristics is available from NCS for the local area. Full-time workers averaged \$24.52 per hour while their part-time counterparts earned \$13.87. Union workers earned \$25.64 and non-union workers, \$22.16. Workers in establishments with 1-99 workers averaged \$18.85 per hour, those in establishments with 100-499 workers earned \$18.95, and those in establishments with 500 or more employees earned \$30.09.

The occupational wage data available from NCS may be used by businesses for establishing pay plans, making decisions concerning plant relocation, and in collective bargaining negotiations. Individuals may use such data to help choose potential careers. NCS results also include the work level and respective earnings for occupations determined by a point factor leveling process. The four occupational leveling factors are: knowledge, job controls and complexity, contacts, and physical environment. Details on the NCS are available at <http://www.bls.gov/ncs/home.htm>.

The NCS data provided in the detailed bulletin covered 732 establishments with one or more workers in private industry and State and local governments. Agricultural establishments, private households, the self-employed, and the Federal Government were excluded from the survey. This sample of 732 establishments represented 2,162,200 workers in the Detroit-Warren-Flint Combined Statistical Area (CSA), which is comprised of Genesee, Lapeer, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties in Michigan.

### **Survey Availability**

Complete survey results are contained in the Detroit-Warren-Flint, MI National Compensation Survey May 2007. The bulletin is available on the Internet in both text and PDF formats at <http://www.bls.gov/ncs/ocs/compub.htm>.

For additional information, please contact the Bureau of Labor Statistics Midwest Information Office in Chicago at (312) 353-1880 from 9 a.m. to 5 p.m. ET.

Table 1. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup>, Detroit-Warren-Flint, MI CSA, May 2007**

Occupation <sup>3</sup>	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All workers</b> .....	\$23.15	4.1	\$24.52	3.8	\$13.87	7.1
<b>Management occupations</b> .....	46.38	5.1	45.88	5.3	—	—
General and operations managers .....	47.12	18.1	47.12	18.1	—	—
Marketing and sales managers .....	42.87	15.5	42.87	15.5	—	—
Marketing managers .....	37.24	11.2	37.24	11.2	—	—
Computer and information systems managers .....	55.31	7.3	55.31	7.3	—	—
Financial managers .....	33.78	13.2	33.78	13.2	—	—
Industrial production managers .....	43.19	5.2	43.19	5.2	—	—
Education administrators .....	52.69	7.4	45.42	8.7	—	—
Education administrators, postsecondary .....	51.04	10.7	—	—	—	—
Engineering managers .....	57.20	8.4	57.20	8.4	—	—
Medical and health services managers .....	29.43	12.3	29.43	12.3	—	—
<b>Business and financial operations occupations</b> .....	31.54	6.6	31.69	6.7	—	—
Buyers and purchasing agents .....	26.61	10.2	26.61	10.2	—	—
Human resources, training, and labor relations specialists .....	33.94	13.9	33.96	14.1	—	—
Management analysts .....	36.89	10.6	36.89	10.6	—	—
Accountants and auditors .....	29.90	11.3	29.90	11.3	—	—
<b>Computer and mathematical science occupations</b> .....	34.69	3.9	34.69	3.9	—	—
Computer programmers .....	29.66	8.0	29.66	8.0	—	—
Computer software engineers .....	42.15	3.5	42.15	3.5	—	—
Computer support specialists .....	20.56	5.9	20.56	5.9	—	—
Computer systems analysts .....	37.70	4.1	37.70	4.1	—	—
Network and computer systems administrators .....	32.96	7.1	32.96	7.1	—	—
<b>Architecture and engineering occupations</b> .....	34.83	3.4	35.47	2.3	21.19	30.0
Engineers .....	39.31	2.0	39.31	2.0	—	—
Mechanical engineers .....	34.46	1.8	34.46	1.8	—	—
Drafters .....	23.28	10.7	24.45	9.9	—	—
Engineering technicians, except drafters .....	26.06	4.6	26.33	4.5	—	—
Mechanical engineering technicians .....	23.77	2.7	23.95	2.8	—	—
<b>Life, physical, and social science occupations</b> .....	23.61	15.3	24.80	16.3	—	—
Life scientists .....	23.52	22.5	—	—	—	—
<b>Community and social services occupations</b> .....	25.98	10.4	26.22	11.5	—	—
Counselors .....	32.67	21.2	33.67	23.0	—	—
Educational, vocational, and school counselors .....	35.03	25.8	35.03	25.8	—	—
Social workers .....	25.11	7.5	25.24	8.3	—	—
Child, family, and school social workers .....	32.80	25.9	32.80	25.9	—	—
<b>Legal occupations</b> .....	46.03	14.1	46.03	14.1	—	—
<b>Education, training, and library occupations</b> .....	38.17	6.9	39.60	7.9	18.80	14.3
Postsecondary teachers .....	52.14	14.2	53.92	14.7	35.20	19.3
Arts, communications, and humanities teachers, postsecondary .....	60.65	8.9	—	—	—	—
Primary, secondary, and special education school teachers .....	46.85	2.1	47.10	1.9	—	—
Elementary and middle school teachers .....	49.19	4.8	49.52	4.4	—	—
Elementary school teachers, except special education .....	48.20	5.3	48.61	5.2	—	—
Middle school teachers, except special and vocational education .....	52.91	6.8	52.91	6.8	—	—
Secondary school teachers .....	47.91	6.9	48.24	6.4	—	—
Secondary school teachers, except special and vocational education .....	47.90	7.1	48.24	6.7	—	—
Special education teachers .....	43.27	3.8	43.27	3.8	—	—
Special education teachers, preschool, kindergarten, and elementary school .....	41.54	5.5	41.54	5.5	—	—
Other teachers and instructors .....	19.80	23.1	—	—	12.48	12.3
Librarians .....	24.94	8.2	24.94	8.2	—	—
Teacher assistants .....	12.99	5.8	13.14	8.8	12.14	12.2

See footnotes at end of table.

Table 1. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup>, Detroit-Warren-Flint, MI CSA, May 2007** — Continued

Occupation <sup>3</sup>	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Arts, design, entertainment, sports, and media occupations</b>	\$31.81	6.7	\$31.40	6.8	—	—
Writers and editors	34.30	3.2	33.60	3.2	—	—
<b>Healthcare practitioner and technical occupations</b>	37.06	23.1	36.20	23.8	\$40.01	22.7
Physicians and surgeons	91.43	20.4	84.34	22.5	—	—
Registered nurses	29.66	.7	29.58	1.0	29.81	3.4
Therapists	32.96	10.8	30.89	6.2	—	—
Respiratory therapists	23.47	2.1	—	—	—	—
Clinical laboratory technologists and technicians	22.29	2.0	22.46	3.0	—	—
Medical and clinical laboratory technologists	25.23	5.8	25.38	5.4	—	—
Diagnostic related technologists and technicians	29.10	11.3	25.66	4.5	—	—
Radiologic technologists and technicians	25.45	3.1	25.69	4.0	—	—
Health diagnosing and treating practitioner support technicians	16.55	3.5	16.55	3.5	—	—
Pharmacy technicians	14.19	5.1	14.19	5.1	—	—
Licensed practical and licensed vocational nurses	21.07	1.7	20.99	1.7	21.54	4.7
<b>Healthcare support occupations</b>	11.98	2.5	12.00	3.7	11.85	6.1
Nursing, psychiatric, and home health aides	11.12	1.7	11.12	2.7	11.11	7.2
Home health aides	10.20	3.8	10.29	3.9	—	—
Nursing aides, orderlies, and attendants	12.03	2.7	12.01	3.1	12.11	3.3
Miscellaneous healthcare support occupations	13.81	3.4	14.09	3.2	12.62	10.0
Medical assistants	12.78	10.3	12.26	5.6	—	—
<b>Protective service occupations</b>	19.43	8.7	20.50	9.3	10.22	6.5
Fire fighters	20.36	2.9	21.24	1.9	—	—
Bailiffs, correctional officers, and jailers	21.99	1.4	21.99	1.4	—	—
Correctional officers and jailers	22.14	.8	22.14	.8	—	—
Police officers	26.36	6.1	26.36	6.1	—	—
Police and sheriff's patrol officers	26.36	6.1	26.36	6.1	—	—
Security guards and gaming surveillance officers	12.37	6.0	—	—	9.53	4.9
Security guards	12.37	6.0	—	—	9.53	4.9
Miscellaneous protective service workers	14.00	12.6	—	—	—	—
<b>Food preparation and serving related occupations</b>	8.10	5.3	9.46	7.9	7.07	2.4
First-line supervisors/managers, food preparation and serving workers	13.31	7.0	13.34	7.0	—	—
First-line supervisors/managers of food preparation and serving workers	12.94	7.2	12.95	7.3	—	—
Cooks	10.60	5.7	10.85	10.0	—	—
Cooks, institution and cafeteria	13.10	7.3	12.98	7.6	—	—
Cooks, restaurant	9.86	5.9	—	—	—	—
Food preparation workers	8.97	.9	—	—	8.93	1.2
Food service, tipped	4.08	17.4	4.53	19.3	3.77	18.3
Bartenders	5.57	15.8	—	—	—	—
Waiters and waitresses	3.51	12.3	—	—	3.32	17.5
Fast food and counter workers	7.94	3.6	8.99	6.3	7.48	.9
Combined food preparation and serving workers, including fast food	7.92	2.7	8.91	6.6	7.47	.7
Counter attendants, cafeteria, food concession, and coffee shop	8.06	13.7	—	—	—	—
Food servers, nonrestaurant	10.79	10.3	—	—	8.44	11.3
Hosts and hostesses, restaurant, lounge, and coffee shop	8.56	3.5	—	—	7.77	6.8
<b>Building and grounds cleaning and maintenance occupations</b>	12.25	7.7	12.96	6.4	9.80	12.7
Building cleaning workers	12.33	8.0	13.13	6.2	9.83	13.2
Janitors and cleaners, except maids and housekeeping cleaners	12.66	8.6	13.78	5.7	8.86	5.0
Maids and housekeeping cleaners	10.45	15.5	8.94	11.7	13.41	15.9
Grounds maintenance workers	11.07	12.1	—	—	—	—
Landscaping and groundskeeping workers	11.07	12.1	—	—	—	—

See footnotes at end of table.

Table 1. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup>, Detroit-Warren-Flint, MI CSA, May 2007** — Continued

Occupation <sup>3</sup>	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Personal care and service occupations</b> .....	\$12.59	9.1	\$13.38	9.4	\$10.41	8.8
Miscellaneous entertainment attendants and related workers .....	8.28	4.6	—	—	8.28	4.6
Child care workers .....	10.60	7.2	11.19	12.0	9.47	5.1
Recreation and fitness workers .....	14.15	10.4	—	—	14.01	13.9
<b>Sales and related occupations</b> .....	17.55	14.7	20.26	14.8	8.81	3.9
First-line supervisors/managers, sales workers .....	26.08	17.0	26.66	16.9	—	—
First-line supervisors/managers of non-retail sales workers .....	31.70	17.3	31.70	17.3	—	—
Retail sales workers .....	11.43	13.1	13.46	19.5	8.41	2.5
Cashiers, all workers .....	9.30	.5	9.56	.2	8.78	2.4
Cashiers .....	9.30	.5	9.56	.2	8.78	2.4
Retail salespersons .....	10.90	2.2	13.77	6.4	8.14	1.9
Sales representatives, wholesale and manufacturing .....	27.16	7.9	27.16	7.9	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	28.22	11.2	28.22	11.2	—	—
Miscellaneous sales and related workers .....	19.80	37.6	22.81	33.7	—	—
<b>Office and administrative support occupations</b> .....	15.59	2.2	16.20	2.6	11.34	4.8
Financial clerks .....	15.28	2.0	15.44	2.1	14.02	8.7
Billing and posting clerks and machine operators .....	15.46	4.3	15.06	4.1	—	—
Bookkeeping, accounting, and auditing clerks .....	16.92	4.3	17.50	4.0	—	—
Tellers .....	12.97	.6	13.16	1.6	—	—
Customer service representatives .....	16.63	7.8	16.75	8.3	—	—
Interviewers, except eligibility and loan .....	12.71	8.1	—	—	—	—
Receptionists and information clerks .....	11.84	5.7	12.82	8.1	—	—
Dispatchers .....	18.61	13.0	18.61	13.0	—	—
Shipping, receiving, and traffic clerks .....	16.42	11.7	16.42	11.7	—	—
Stock clerks and order fillers .....	10.45	2.5	12.19	4.3	8.98	2.0
Secretaries and administrative assistants .....	17.95	7.2	18.04	6.2	—	—
Executive secretaries and administrative assistants .....	22.37	7.1	21.90	7.0	—	—
Medical secretaries .....	15.94	3.9	15.94	3.9	—	—
Secretaries, except legal, medical, and executive .....	14.93	7.8	15.29	6.1	—	—
Data entry and information processing workers .....	14.16	5.5	14.67	8.3	—	—
Word processors and typists .....	16.07	10.4	—	—	—	—
Insurance claims and policy processing clerks .....	17.12	4.1	17.82	1.6	—	—
Office clerks, general .....	14.13	3.9	14.33	5.0	11.20	6.5
<b>Construction and extraction occupations</b> .....	23.79	3.0	23.79	3.0	—	—
First-line supervisors/managers of construction trades and extraction workers .....	25.58	11.3	25.58	11.3	—	—
Construction laborers .....	18.89	5.6	18.89	5.6	—	—
Construction equipment operators .....	27.30	8.3	27.35	8.2	—	—
Operating engineers and other construction equipment operators .....	27.30	8.3	27.35	8.2	—	—
Electricians .....	31.80	1.7	31.80	1.7	—	—
Pipelayers, plumbers, pipefitters, and steamfitters .....	23.13	13.0	23.13	13.0	—	—
Plumbers, pipefitters, and steamfitters .....	23.13	13.0	23.13	13.0	—	—
Miscellaneous construction and related workers .....	15.56	15.1	15.56	15.1	—	—
<b>Installation, maintenance, and repair occupations</b> .....	21.21	6.4	21.40	6.2	—	—
First-line supervisors/managers of mechanics, installers, and repairers .....	32.99	7.6	32.99	7.6	—	—
Automotive technicians and repairers .....	14.49	12.2	14.49	12.2	—	—
Bus and truck mechanics and diesel engine specialists .....	19.26	5.3	19.26	5.3	—	—
Industrial machinery installation, repair, and maintenance workers .....	26.00	4.1	26.00	4.1	—	—
Industrial machinery mechanics .....	28.98	3.0	28.98	3.0	—	—
Maintenance and repair workers, general .....	19.89	11.8	19.89	11.8	—	—
Millwrights .....	32.02	1.7	32.02	1.7	—	—
<b>Production occupations</b> .....	21.73	3.3	21.86	3.4	13.04	10.7
First-line supervisors/managers of production and operating workers .....	26.71	7.5	26.71	7.5	—	—

See footnotes at end of table.

Table 1. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup>, Detroit-Warren-Flint, MI CSA, May 2007** — Continued

Occupation <sup>3</sup>	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
Miscellaneous assemblers and fabricators .....	\$25.57	4.0	\$25.57	4.0	—	—
Team assemblers .....	24.96	7.7	24.96	7.7	—	—
Computer control programmers and operators .....	25.68	5.8	25.68	5.8	—	—
Computer-controlled machine tool operators, metal and plastic .....	22.84	1.4	22.84	1.4	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic .....	20.98	9.0	20.95	9.2	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.43	11.4	20.38	11.7	—	—
Machinists .....	19.25	8.7	19.35	9.0	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	21.15	15.9	21.15	15.9	—	—
Tool and die makers .....	28.80	2.5	28.80	2.5	—	—
Welding, soldering, and brazing workers .....	26.18	8.6	26.18	8.6	—	—
Welders, cutters, solderers, and brazers .....	25.10	8.4	25.10	8.4	—	—
Miscellaneous metalworkers and plastic workers .....	24.21	14.0	—	—	—	—
Laundry and dry-cleaning workers .....	10.06	7.3	9.94	9.4	—	—
Inspectors, testers, sorters, samplers, and weighers .....	19.97	5.4	20.40	5.8	—	—
Packaging and filling machine operators and tenders .....	13.89	10.8	13.89	10.8	—	—
Painting workers .....	15.35	6.1	—	—	—	—
Miscellaneous production workers .....	19.18	13.1	19.18	13.1	—	—
<b>Transportation and material moving occupations .....</b>	<b>19.57</b>	<b>4.3</b>	<b>20.79</b>	<b>4.3</b>	<b>\$9.72</b>	<b>6.3</b>
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	24.07	6.0	24.07	6.0	—	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	20.56	16.3	20.56	16.3	—	—
Bus drivers .....	16.77	4.4	17.21	5.5	15.98	9.6
Bus drivers, school .....	17.26	4.5	17.21	5.5	—	—
Driver/sales workers and truck drivers .....	17.15	6.6	17.42	5.3	—	—
Driver/sales workers .....	13.70	23.8	14.41	21.3	—	—
Truck drivers, heavy and tractor-trailer .....	18.58	2.1	18.58	2.1	—	—
Truck drivers, light or delivery services .....	17.60	20.0	17.60	20.0	—	—
Industrial truck and tractor operators .....	19.13	16.3	19.13	16.3	—	—
Laborers and material movers, hand .....	13.57	14.3	14.84	15.9	8.47	4.0
Laborers and freight, stock, and material movers, hand .....	14.33	14.0	16.13	13.0	8.46	2.9
Packers and packagers, hand .....	10.37	9.5	10.69	11.6	—	—

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> Workers are classified by occupation using the 2000 Standard

Occupational Classification (SOC) system.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.