

Detroit–Warren–Flint, MI National Compensation Survey May 2009



U.S. Department of Labor
Hilda L. Solis, Secretary

U.S. Bureau of Labor Statistics
Keith Hall, Commissioner

December 2009

Preface

Data shown in this bulletin were collected as part of the Bureau of Labor Statistics (BLS) National Compensation Survey (NCS). The survey could not have been conducted without the cooperation of the many private establishments and government agencies that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the back cover of this bulletin. You may also write to the Bureau of Labor Statistics at:

Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212-0001, call (202) 691-6199, or send an e-mail to NCSinfo@bls.gov.

The data contained in this bulletin are also available at <http://www.bls.gov/ncs/ocs/compub.htm>, the BLS Internet site. Data are presented in a Portable Document Format (PDF) file containing the core bulletin, and in an ASCII file containing the published table formats.

Results of earlier surveys of this area are available from BLS regional offices, the Division of Compensation Data Analysis and Planning, or at the BLS Internet site.

Material in this bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: 1-800-877-8339.

Contents

	<i>Page</i>
Introduction.....	1
Tables:	
1. Summary: Mean hourly earnings and weekly hours for selected worker and establishment characteristics.....	3
2. Civilian workers: Mean hourly earnings for full-time and part-time workers by work levels.....	4
3. Private industry workers: Mean hourly earnings for full-time and part-time workers by work levels.....	12
4. State and local government workers: Mean hourly earnings for full-time and part-time workers by work levels.....	18
5. Combined work levels for civilian workers: Mean hourly earnings for full-time and part-time workers.....	20
6. Civilian workers: Hourly wage percentiles.....	27
7. Private industry workers: Hourly wage percentiles.....	31
8. State and local government workers: Hourly wage percentiles.....	34
9. Full-time civilian workers: Hourly wage percentiles.....	36
10. Part-time civilian workers: Hourly wage percentiles.....	40
11. Full-time civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours.....	42
12. Full-time private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours.....	47
13. Full-time State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours.....	51
14. Size of establishment: Mean hourly earnings of private industry establishments for major occupational groups.....	53
15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time private industry workers.....	54
16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time private industry workers.....	56
17. Union and nonunion workers: Mean hourly earnings for major occupational groups.....	58
18. Time and incentive workers: Mean hourly earnings for major occupational groups.....	59
19. Industry sector: Mean hourly earnings for private industry workers by major occupational group.....	60
Appendixes:	
A. Technical Note.....	A – 1
Appendix table 1. Number of workers represented by the survey.....	A – 5
Appendix table 2. Survey establishment response.....	A – 6
B. Standard Occupational Classification System.....	B – 1

Introduction

The tables in this bulletin summarize the NCS results for the Detroit–Warren–Flint, MI, Combined Statistical Area (CSA). Data were collected between August 2008 and October 2009; the average reference month is May 2009. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and an appendix with detailed information on occupational classifications.

Most of the earnings estimates in this bulletin are presented as mean hourly earnings. Mean weekly and annual earnings, and the corresponding hours, also are provided for full-time employees in specific occupations. Some occupations, such as teachers and fire fighters, typically have shorter or longer work schedules than do the majority of full-time workers. The weekly and annual estimates are useful for comparing the earnings of occupations having different work schedules.

NCS products

The Bureau's National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, benefit incidence, and detailed plan provisions. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, is derived from the NCS. Employer Costs for Employee Compensation measures employers' average hourly costs for wages and benefits. NCS also measures the incidence and provisions of benefit plans. This bulletin is limited to data on occupational wages and salaries.

Changes to the publications

The NCS is in its third year of a six-year transition from a sample of areas based on the U.S. Office of Management and Budget (OMB) December 1993 area definitions to a new sample of areas based on the December 2003 area definitions. The NCS is phasing in new metropolitan and micropolitan areas as defined by OMB and county clusters defined specifically by BLS; at the same time, some areas under the December 1993 OMB definitions are being phased out of the sample.

About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 800 detailed occupations, listed in Appendix B, are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households). Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondents or if the data are insufficient to support reliable estimates.

Table 1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and establishment characteristics. The worker characteristics include high-level and intermediate occupational aggregation, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods producing, service providing, and size of establishment.

Table 2 presents mean hourly earnings data by work level for occupational major groups and for detailed occupations. Separate data are also shown for full-time and part-time workers. Table 3 provides work level data for private industry workers. Table 4 provides similar data for State and local government workers. Table 5 simplifies the work levels by combining them into broader groups within major and detailed occupations, and for full-time and part-time workers.

Tables 6 through 10 present hourly wage percentiles that describe the distribution of hourly earnings for individual workers within each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, State and local government, full-time workers, and part-time workers.

Table 11 presents mean and median hourly, weekly, and annual earnings, and the associated hours, for major occupational groups and detailed occupations for full-time

workers. Table 12 provides the same type of information for private industry workers. Table 13 provides similar data for State and local government workers.

Table 14 presents mean hourly earnings data for establishment employment sizes by high-level occupational aggregations in the private sector. Tables 15 and 16 provide mean and median hourly, weekly, and annual earnings data for full-time employees in private establishments with fewer than 100 workers, and in private establishments with 100 workers or more.

Table 17 presents mean hourly earnings data for union and nonunion workers in all, private, and State and local

government establishments by high-level occupational aggregation. Table 18 provides hourly earnings data for time and incentive workers in all and private establishments by high-level occupational aggregation. Table 19 presents mean hourly earnings data for major industry divisions within the private sector.

Appendix table 1 presents the number of workers represented by the survey, by high-level occupational aggregation and for all industries, private industry, and State and local government. Appendix table 2 provides the number of establishments in the sampling frame and the number of responding and nonresponding establishments.

Table 1. Summary: Mean hourly earnings¹ and weekly hours for selected worker and establishment characteristics, Detroit-Warren-Flint, MI CSA, May 2009

Worker and establishment characteristics	Civilian workers			Private industry workers			State and local government workers		
	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³
	Mean	Relative error ² (percent)		Mean	Relative error ² (percent)		Mean	Relative error ² (percent)	
All workers	\$23.52	3.1	34.6	\$22.62	3.5	34.5	\$29.56	4.6	34.7
Worker characteristics^{4,5}									
Management, professional, and related	36.11	5.0	35.6	35.37	6.1	35.9	39.09	5.9	34.4
Management, business, and financial	36.75	4.2	39.5	36.18	4.2	39.8	40.73	14.9	37.3
Professional and related	35.84	6.9	34.1	34.98	9.0	34.2	38.72	4.3	33.8
Service	11.94	2.3	29.4	10.08	3.2	28.5	20.32	3.1	33.9
Sales and office	16.95	2.3	35.1	16.68	2.4	34.9	19.55	5.5	37.3
Sales and related	18.87	5.7	33.0	18.44	5.3	32.9	—	—	—
Office and administrative support	16.17	2.1	36.0	15.87	2.4	35.9	18.21	2.8	37.2
Natural resources, construction, and maintenance	22.74	3.8	39.3	22.65	4.2	39.3	23.62	3.4	39.8
Construction and extraction	24.40	4.0	39.7	24.49	4.7	39.7	23.84	1.7	39.7
Installation, maintenance, and repair	21.76	4.7	39.1	21.64	5.0	39.1	23.37	8.4	40.0
Production, transportation, and material moving	21.41	2.2	36.7	21.51	2.2	37.0	17.01	3.5	28.1
Production	21.98	1.9	39.3	21.98	1.9	39.3	—	—	—
Transportation and material moving	20.66	3.9	33.8	20.88	4.1	34.2	16.76	4.7	27.7
Full time	25.13	3.0	39.4	24.28	3.4	39.6	30.45	4.1	38.2
Part time	13.85	6.6	19.9	13.16	6.9	20.1	21.09	18.0	18.3
Union	27.10	2.0	36.5	25.24	2.7	36.6	30.42	3.2	36.3
Nonunion	22.26	4.2	33.9	21.99	4.3	34.1	27.37	11.9	31.1
Time	23.07	2.2	34.6	22.03	2.4	34.5	29.56	4.6	34.7
Incentive	31.63	25.9	34.3	31.63	25.9	34.3	—	—	—
Establishment characteristics									
Goods producing	(⁶)	(⁶)	(⁶)	26.42	2.3	39.8	(⁶)	(⁶)	(⁶)
Service providing	(⁶)	(⁶)	(⁶)	21.65	4.3	33.4	(⁶)	(⁶)	(⁶)
1-99 workers	19.75	7.4	33.0	19.74	7.6	33.1	20.51	10.1	28.4
100-499 workers	19.74	3.2	34.8	19.08	3.6	34.9	27.04	3.9	33.7
500 workers or more	31.29	2.9	36.3	31.49	3.4	36.6	30.83	5.7	35.5

¹ 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. See appendix A for more information.

² 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. For more information about RSEs, see appendix A.

³ Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁴ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on

hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁵ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁶ Estimates for goods-producing and service-providing industries are published for private industry only. Industries are determined by the 2007 North American Industry Classification System (NAICS).

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$23.52	3.1	\$25.13	3.0	\$13.85	6.6
Management occupations	42.78	5.6	42.18	5.4	—	—
Level 9	28.95	6.8	28.95	6.8	—	—
Level 10	35.88	7.6	35.88	7.6	—	—
Level 11	43.52	3.6	43.52	3.6	—	—
Level 12	55.18	3.0	55.18	3.0	—	—
Level 13	61.00	4.8	61.00	4.8	—	—
Not able to be leveled	44.82	11.3	42.50	8.6	—	—
General and operations managers	36.17	17.1	36.17	17.1	—	—
Marketing and sales managers	40.33	11.7	40.33	11.7	—	—
Marketing managers	45.58	6.5	45.58	6.5	—	—
Computer and information systems managers	57.82	6.0	57.82	6.0	—	—
Financial managers	36.83	9.7	36.83	9.7	—	—
Industrial production managers	43.22	10.1	43.22	10.1	—	—
Education administrators	59.08	5.2	54.43	4.7	—	—
Education administrators, postsecondary	58.57	7.2	—	—	—	—
Engineering managers	58.71	6.2	58.71	6.2	—	—
Business and financial operations occupations	31.55	4.5	31.73	4.9	24.74	10.9
Level 7	26.02	5.0	26.14	5.1	—	—
Level 8	23.58	7.8	23.58	7.8	—	—
Level 9	29.89	4.6	30.22	4.6	—	—
Level 10	32.30	8.8	32.16	9.3	—	—
Level 11	41.24	5.8	41.24	5.8	—	—
Level 12	43.84	5.8	43.84	5.8	—	—
Not able to be leveled	32.83	9.5	32.79	9.7	—	—
Buyers and purchasing agents	29.02	10.1	29.02	10.1	—	—
Level 9	28.77	6.9	28.77	6.9	—	—
Purchasing agents, except wholesale, retail, and farm products	29.20	12.0	29.20	12.0	—	—
Human resources, training, and labor relations specialists	34.01	10.6	34.24	10.6	—	—
Management analysts	36.37	4.5	36.37	4.5	—	—
Accountants and auditors	29.99	7.1	29.91	7.3	—	—
Loan counselors and officers	24.80	15.7	24.80	15.7	—	—
Computer and mathematical science occupations	33.99	2.7	34.97	2.8	—	—
Level 7	25.79	6.7	25.79	6.7	—	—
Level 9	35.66	4.3	35.66	4.3	—	—
Level 10	38.67	2.1	38.67	2.1	—	—
Level 11	44.36	2.9	44.36	2.9	—	—
Not able to be leveled	28.60	16.2	28.60	16.2	—	—
Computer software engineers	44.20	5.4	44.20	5.4	—	—
Computer software engineers, applications	38.52	6.8	38.52	6.8	—	—
Computer software engineers, systems software	46.59	6.3	46.59	6.3	—	—
Computer support specialists	20.21	11.0	21.84	8.5	—	—
Computer systems analysts	39.35	4.6	39.35	4.6	—	—
Level 10	38.66	3.7	38.66	3.7	—	—
Network and computer systems administrators	34.62	8.9	34.62	8.9	—	—
Architecture and engineering occupations	37.02	2.9	37.31	2.9	—	—
Level 7	25.35	5.3	25.35	5.3	—	—
Level 8	30.10	4.8	—	—	—	—
Level 9	35.08	2.2	35.11	2.3	—	—
Level 11	42.85	3.2	42.85	3.2	—	—
Level 12	45.84	3.1	45.84	3.1	—	—
Not able to be leveled	39.15	4.9	39.52	4.8	—	—
Engineers	40.38	3.8	40.43	3.9	—	—
Level 9	35.52	2.2	35.57	2.3	—	—
Level 11	42.77	3.4	42.77	3.4	—	—
Level 12	45.84	3.1	45.84	3.1	—	—
Not able to be leveled	41.03	3.7	41.03	3.7	—	—
Electrical and electronics engineers	32.46	9.7	32.46	9.7	—	—
Industrial engineers, including health and safety	39.50	2.7	39.92	2.5	—	—
Industrial engineers	40.26	1.9	—	—	—	—
Mechanical engineers	37.58	3.1	37.58	3.1	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Architecture and engineering occupations —Continued						
Mechanical engineers —Continued						
Not able to be leveled	\$36.22	0.9	\$36.22	0.9	—	—
Drafters	24.80	14.6	—	—	—	—
Engineering technicians, except drafters	25.16	5.6	25.57	5.5	—	—
Life, physical, and social science occupations						
Not able to be leveled	28.11	15.1	30.20	15.4	—	—
Life scientists	29.59	21.3	—	—	—	—
Life scientists	25.84	15.9	—	—	—	—
Community and social services occupations						
Level 6	23.68	8.7	24.13	10.9	\$20.91	15.3
Level 7	17.43	3.3	17.43	3.3	—	—
Level 9	16.62	3.2	—	—	—	—
Level 9	26.85	10.7	27.32	13.1	—	—
Counselors	23.26	21.8	23.04	23.3	—	—
Educational, vocational, and school counselors	28.85	31.8	28.85	31.8	—	—
Social workers	26.27	5.2	27.40	5.7	—	—
Level 9	24.71	5.7	24.70	7.3	—	—
Child, family, and school social workers	37.67	18.7	37.67	18.7	—	—
Medical and public health social workers	—	—	25.85	2.9	—	—
Mental health and substance abuse social workers	21.54	11.9	—	—	—	—
Miscellaneous community and social service specialists	16.15	7.8	—	—	—	—
Social and human service assistants	16.01	8.7	—	—	—	—
Legal occupations						
Lawyers	52.54	9.4	52.54	9.4	—	—
Lawyers	57.30	6.0	57.30	6.0	—	—
Education, training, and library occupations						
Level 3	40.14	6.8	41.59	7.5	18.31	12.3
Level 4	12.94	11.8	12.87	11.7	—	—
Level 4	14.95	5.3	15.41	6.5	—	—
Level 5	16.15	9.9	16.17	10.8	—	—
Level 7	20.67	14.1	—	—	—	—
Level 9	49.66	1.9	50.04	1.7	—	—
Level 11	54.43	20.0	56.08	19.9	—	—
Not able to be leveled	42.12	22.2	46.30	23.5	15.37	2.7
Postsecondary teachers	59.03	13.8	61.42	13.6	28.78	12.3
Level 11	58.18	18.7	60.51	17.7	—	—
Not able to be leveled	53.21	19.0	55.24	17.7	—	—
Math and computer teachers, postsecondary	61.00	28.3	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	60.34	10.9	—	—	—	—
Primary, secondary, and special education school teachers						
Level 9	48.55	1.9	48.81	2.0	—	—
Level 9	50.96	1.3	51.12	1.0	—	—
Elementary and middle school teachers	50.52	4.2	50.86	4.3	—	—
Level 9	53.16	1.4	53.16	1.4	—	—
Elementary school teachers, except special education						
Level 9	49.42	5.2	49.84	5.4	—	—
Level 9	52.71	2.7	52.71	2.7	—	—
Middle school teachers, except special and vocational education						
Level 9	54.65	3.2	54.65	3.2	—	—
Level 9	54.65	3.2	54.65	3.2	—	—
Secondary school teachers						
Level 9	50.44	3.3	50.83	2.6	—	—
Level 9	50.21	3.3	50.61	2.6	—	—
Secondary school teachers, except special and vocational education						
Level 9	50.12	3.3	50.53	2.7	—	—
Level 9	50.12	3.3	50.53	2.7	—	—
Special education teachers						
Level 9	45.85	1.9	45.85	1.9	—	—
Level 9	45.85	1.9	45.85	1.9	—	—
Special education teachers, preschool, kindergarten, and elementary school						
Level 9	43.83	6.2	43.83	6.2	—	—
Level 9	43.83	6.2	43.83	6.2	—	—
Other teachers and instructors						
Librarians	19.87	26.8	—	—	13.93	2.9
Librarians	26.96	9.3	26.96	9.3	—	—
Teacher assistants						
Level 3	13.73	6.7	13.97	9.7	12.41	9.7
Level 3	12.94	11.8	12.87	11.7	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Education, training, and library occupations –Continued						
Teacher assistants –Continued						
Level 4	\$14.95	5.3	\$15.41	6.5	–	–
Arts, design, entertainment, sports, and media occupations	35.95	13.8	36.75	14.0	\$27.59	11.2
Not able to be leveled	47.94	26.0	54.19	24.7	27.59	11.2
Designers	29.21	18.0	29.21	18.0	–	–
Writers and editors	34.07	3.3	–	–	–	–
Healthcare practitioner and technical occupations	36.92	17.0	35.97	15.9	40.25	21.2
Level 4	13.97	2.5	13.97	2.5	–	–
Level 5	24.18	17.7	19.50	1.9	–	–
Level 6	21.32	4.2	21.27	4.5	–	–
Level 7	27.89	2.3	28.22	2.0	–	–
Level 8	28.45	4.0	28.77	5.5	–	–
Level 9	30.76	1.3	30.24	1.5	32.72	1.6
Level 11	49.36	5.5	48.71	8.8	–	–
Not able to be leveled	34.60	20.5	37.25	38.9	–	–
Pharmacists	50.58	3.4	–	–	–	–
Physicians and surgeons	108.99	22.8	102.47	24.0	–	–
Registered nurses	31.66	1.6	31.65	1.5	31.68	3.2
Level 9	31.21	1.1	31.02	1.7	31.86	1.8
Therapists	31.44	9.1	32.16	13.2	–	–
Level 9	30.94	9.9	28.48	16.8	–	–
Clinical laboratory technologists and technicians	25.17	6.3	26.09	6.1	–	–
Medical and clinical laboratory technologists	27.06	5.1	27.06	5.1	–	–
Diagnostic related technologists and technicians	28.38	5.6	26.38	2.4	–	–
Level 6	22.35	4.4	22.35	4.4	–	–
Radiologic technologists and technicians	25.49	3.7	26.19	2.2	–	–
Health diagnosing and treating practitioner support technicians	16.54	2.3	16.54	2.3	–	–
Pharmacy technicians	14.40	.7	14.40	.7	–	–
Licensed practical and licensed vocational nurses	21.41	3.0	21.44	2.9	–	–
Level 6	21.34	4.2	21.32	4.2	–	–
Healthcare support occupations	12.32	4.7	12.33	5.3	12.25	8.9
Level 2	9.71	4.0	–	–	–	–
Level 3	11.74	4.1	11.69	3.1	11.99	10.7
Level 4	13.98	5.3	14.23	5.6	–	–
Nursing, psychiatric, and home health aides	11.47	5.4	11.46	4.5	11.51	12.1
Level 2	9.67	3.9	–	–	–	–
Level 3	11.66	5.2	11.65	3.9	11.73	14.8
Level 4	13.08	5.7	13.17	6.6	–	–
Home health aides	9.87	6.1	–	–	–	–
Nursing aides, orderlies, and attendants	13.24	3.7	13.37	4.0	12.81	5.3
Level 3	13.40	5.7	13.65	4.6	–	–
Level 4	13.65	2.4	–	–	–	–
Miscellaneous healthcare support occupations	14.18	3.4	14.37	4.4	–	–
Level 3	12.16	8.2	–	–	–	–
Level 4	14.81	6.1	15.16	4.9	–	–
Medical assistants	14.38	7.2	–	–	–	–
Protective service occupations	20.80	7.8	21.62	8.3	11.16	7.0
Level 3	13.61	8.1	15.13	5.2	–	–
Level 5	18.15	8.0	18.15	8.0	–	–
Level 6	21.67	5.0	22.61	1.3	–	–
Level 7	25.48	3.8	25.48	3.8	–	–
Level 8	31.15	1.3	31.15	1.3	–	–
Fire fighters	21.47	2.6	22.40	2.3	–	–
Level 6	21.27	7.2	22.67	1.4	–	–
Bailiffs, correctional officers, and jailers	23.49	1.0	23.49	1.0	–	–
Correctional officers and jailers	23.65	.5	23.65	.5	–	–
Police officers	28.28	5.1	28.28	5.1	–	–
Level 7	26.34	6.4	26.34	6.4	–	–
Police and sheriff's patrol officers	28.28	5.1	28.28	5.1	–	–

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Protective service occupations —Continued						
Police and sheriff's patrol officers —Continued						
Level 7	\$26.34	6.4	\$26.34	6.4	—	—
Security guards and gaming surveillance officers	12.93	4.9	13.34	6.0	—	—
Level 3	13.66	7.9	15.04	5.1	—	—
Security guards	12.93	4.9	13.34	6.0	—	—
Level 3	13.66	7.9	15.04	5.1	—	—
Miscellaneous protective service workers	13.08	12.9	—	—	—	—
Food preparation and serving related occupations						
Level 1	7.98	4.6	9.19	13.3	\$7.07	1.3
Level 2	7.63	4.0	—	—	7.56	3.7
Level 3	6.72	2.6	7.29	10.3	6.50	2.2
Level 4	8.16	17.5	7.99	21.2	8.62	7.7
Level 4	10.60	4.5	10.61	4.7	—	—
First-line supervisors/managers, food preparation and serving workers	14.68	3.6	14.74	3.6	—	—
First-line supervisors/managers of food preparation and serving workers	14.12	.8	14.16	1.0	—	—
Cooks	11.34	5.7	11.69	10.1	9.96	4.6
Level 3	10.82	8.2	10.83	10.9	—	—
Level 4	12.50	3.0	—	—	—	—
Cooks, institution and cafeteria	13.99	5.9	—	—	—	—
Cooks, restaurant	10.69	7.7	10.82	10.9	10.21	.3
Level 3	10.50	8.1	—	—	—	—
Food service, tipped	4.08	3.9	4.19	11.6	3.97	6.1
Level 1	6.23	12.8	—	—	6.23	12.8
Level 2	3.62	8.9	3.91	11.0	3.46	10.5
Level 3	3.95	25.3	—	—	—	—
Bartenders	5.19	12.3	4.90	13.3	—	—
Level 3	4.91	22.0	—	—	—	—
Waiters and waitresses	3.28	4.0	3.38	12.2	3.22	7.2
Level 2	3.30	8.9	3.68	14.6	3.14	11.1
Fast food and counter workers	8.13	1.1	9.63	3.8	7.80	1.1
Level 1	7.54	.8	—	—	7.54	.8
Level 2	8.19	1.8	9.75	3.5	7.84	1.3
Level 3	9.11	9.8	—	—	—	—
Combined food preparation and serving workers, including fast food	8.13	1.5	9.45	3.3	7.81	1.9
Level 2	8.17	1.2	—	—	7.85	1.6
Level 3	9.11	9.8	—	—	—	—
Counter attendants, cafeteria, food concession, and coffee shop	8.09	9.0	—	—	7.77	6.2
Level 2	8.33	11.1	—	—	—	—
Food servers, nonrestaurant	12.19	8.8	—	—	—	—
Dishwashers	8.16	1.2	—	—	—	—
Level 1	8.16	1.2	—	—	—	—
Hosts and hostesses, restaurant, lounge, and coffee shop	8.12	4.1	—	—	8.04	4.1
Level 2	7.87	1.4	—	—	—	—
Building and grounds cleaning and maintenance occupations						
Level 1	12.86	4.4	13.57	4.8	10.35	8.5
Level 2	10.12	6.0	10.62	7.8	9.28	4.7
Level 3	13.22	8.4	13.52	10.4	12.24	9.1
Level 3	15.38	3.9	15.38	3.9	—	—
Not able to be leveled	16.61	17.0	17.08	17.5	—	—
Building cleaning workers	12.83	4.1	13.59	4.8	10.39	8.8
Level 1	10.11	6.8	10.64	8.7	9.25	5.0
Level 2	13.46	9.2	13.87	12.1	—	—
Level 3	15.81	3.4	15.81	3.4	—	—
Not able to be leveled	15.65	15.6	16.12	16.4	—	—
Janitors and cleaners, except maids and housekeeping cleaners	12.99	6.0	14.15	6.5	9.13	3.6
Level 1	10.29	7.2	11.47	11.6	9.09	4.6
Level 2	12.83	9.2	13.80	10.5	—	—
Level 3	15.81	3.4	15.81	3.4	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Building and grounds cleaning and maintenance occupations –Continued						
Janitors and cleaners, except maids and housekeeping cleaners –Continued						
Not able to be leveled	\$16.12	16.4	\$16.12	16.4	–	–
Maids and housekeeping cleaners	12.20	10.3	11.29	13.1	–	–
Level 1	9.62	12.0	–	–	–	–
Grounds maintenance workers	11.99	10.7	–	–	–	–
Landscaping and groundskeeping workers	11.99	10.7	–	–	–	–
Personal care and service occupations	11.65	3.3	12.20	5.5	\$10.31	6.6
Level 1	8.91	5.3	–	–	8.91	5.3
Level 2	9.26	1.7	–	–	8.77	4.5
Level 3	8.34	18.3	7.67	25.0	9.64	4.6
Level 5	14.79	4.1	–	–	–	–
Miscellaneous entertainment attendants and related workers	8.90	5.9	–	–	8.90	5.9
Level 1	8.88	6.3	–	–	8.88	6.3
Child care workers	11.14	3.3	12.34	4.6	9.26	3.6
Level 2	9.62	1.3	–	–	9.28	6.7
Level 3	9.93	15.2	–	–	–	–
Recreation and fitness workers	13.27	16.6	–	–	–	–
Sales and related occupations	18.87	5.7	22.33	4.7	8.84	3.8
Level 1	8.66	11.9	–	–	7.88	4.1
Level 2	9.68	.8	11.51	6.3	8.51	2.1
Level 3	11.47	8.7	13.24	16.1	9.29	5.2
Level 4	14.80	2.3	15.32	5.5	–	–
Level 5	22.37	19.1	22.37	19.1	–	–
Level 6	22.78	5.2	22.78	5.2	–	–
Level 9	45.25	13.4	45.25	13.4	–	–
Not able to be leveled	24.39	23.0	24.84	22.6	–	–
First-line supervisors/managers, sales workers	25.13	15.0	25.53	15.2	–	–
Level 6	23.59	4.9	23.59	4.9	–	–
First-line supervisors/managers of retail sales workers	18.88	2.2	19.28	.4	–	–
Retail sales workers	12.38	2.0	15.16	4.2	8.57	3.3
Level 1	7.79	.2	–	–	7.68	1.3
Level 2	9.65	1.0	11.51	6.3	8.42	1.1
Level 3	11.76	8.7	13.24	16.1	9.50	5.4
Level 4	14.19	15.3	14.90	20.6	–	–
Not able to be leveled	20.86	5.7	–	–	–	–
Cashiers, all workers	9.66	6.0	11.07	11.3	8.53	1.5
Level 1	7.85	.4	–	–	7.73	1.0
Level 2	10.34	4.9	11.56	7.1	8.57	.5
Cashiers	9.66	6.0	11.07	11.3	8.53	1.5
Level 1	7.85	.4	–	–	7.73	1.0
Level 2	10.34	4.9	11.56	7.1	8.57	.5
Retail salespersons	14.00	5.3	17.24	2.1	8.56	5.0
Level 2	8.55	1.1	–	–	8.31	2.0
Level 3	12.44	14.5	–	–	–	–
Level 4	14.47	17.0	14.90	20.6	–	–
Insurance sales agents	18.60	.6	18.60	.6	–	–
Sales representatives, wholesale and manufacturing	31.08	20.0	31.08	20.0	–	–
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	33.0	36.10	33.0	–	–
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.89	10.9	24.89	10.9	–	–
Office and administrative support occupations	16.17	2.1	16.85	1.9	11.18	6.3
Level 1	9.51	2.6	10.85	5.4	8.93	1.2
Level 2	11.30	3.0	11.52	3.3	10.03	3.6
Level 3	13.49	3.8	14.27	4.4	10.87	6.4
Level 4	15.38	3.0	15.75	2.8	11.16	15.5
Level 5	18.56	2.3	18.40	2.6	–	–
Level 6	21.57	3.3	21.60	3.3	–	–
Level 7	26.49	3.6	26.49	3.6	–	–

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Office and administrative support occupations						
—Continued						
Not able to be leveled	\$15.28	3.0	\$15.36	2.9	—	—
First-line supervisors/managers of office and administrative support workers	20.95	4.7	20.95	4.7	—	—
Financial clerks	16.32	4.1	16.29	3.7	\$16.47	12.8
Level 3	12.08	3.6	12.18	5.4	—	—
Level 4	14.35	5.1	14.15	5.3	—	—
Level 5	18.19	8.9	17.35	6.5	—	—
Level 6	22.07	2.7	21.78	2.7	—	—
Not able to be leveled	15.87	6.4	15.87	6.4	—	—
Billing and posting clerks and machine operators	17.34	9.6	15.05	4.4	—	—
Bookkeeping, accounting, and auditing clerks	17.61	3.2	17.76	3.8	—	—
Level 4	15.73	4.1	15.44	2.5	—	—
Level 6	22.16	3.2	22.16	3.2	—	—
Tellers	13.57	.6	14.03	1.4	12.41	2.2
Level 3	12.48	5.6	—	—	—	—
Customer service representatives	16.84	8.8	17.12	8.8	—	—
Level 4	15.89	1.9	16.63	1.2	—	—
Not able to be leveled	12.96	7.7	12.96	7.7	—	—
Interviewers, except eligibility and loan	11.96	14.8	—	—	—	—
Loan interviewers and clerks	24.90	13.9	24.90	13.9	—	—
Receptionists and information clerks	12.25	6.0	12.66	7.7	—	—
Level 3	11.64	6.2	12.54	2.9	—	—
Dispatchers	21.98	17.2	21.98	17.2	—	—
Shipping, receiving, and traffic clerks	17.34	10.2	17.34	10.2	—	—
Level 4	18.66	17.4	18.66	17.4	—	—
Stock clerks and order fillers	10.48	3.6	12.27	8.0	8.76	.0
Level 1	9.30	2.1	—	—	8.82	.0
Level 2	9.06	5.2	—	—	—	—
Level 3	10.86	2.7	—	—	—	—
Secretaries and administrative assistants	19.59	3.8	19.98	3.4	—	—
Level 3	13.28	16.4	—	—	—	—
Level 4	17.28	3.5	17.28	3.5	—	—
Level 5	18.24	4.5	18.17	4.6	—	—
Level 6	21.56	6.0	21.56	6.0	—	—
Level 7	26.95	6.3	26.95	6.3	—	—
Not able to be leveled	19.11	10.1	19.11	10.1	—	—
Executive secretaries and administrative assistants	23.07	6.1	23.07	6.1	—	—
Level 6	23.19	7.6	23.19	7.6	—	—
Secretaries, except legal, medical, and executive	16.85	4.5	17.28	2.9	—	—
Level 3	13.28	16.4	—	—	—	—
Level 4	17.30	4.1	17.30	4.1	—	—
Level 5	17.75	4.0	17.64	4.1	—	—
Data entry and information processing workers	12.71	17.2	—	—	—	—
Insurance claims and policy processing clerks	17.73	9.1	17.73	9.1	—	—
Office clerks, general	14.60	4.4	14.74	4.8	—	—
Level 2	12.27	9.8	12.27	9.8	—	—
Level 3	15.03	4.5	—	—	—	—
Level 4	15.47	5.3	15.74	5.7	—	—
Level 5	16.27	8.0	16.27	8.0	—	—
Construction and extraction occupations	24.40	4.0	24.40	4.0	—	—
Level 5	21.82	5.5	21.82	5.5	—	—
Level 6	25.84	12.6	25.84	12.6	—	—
Level 7	31.45	2.6	31.45	2.6	—	—
Electricians	32.34	2.4	32.34	2.4	—	—
Level 7	32.50	2.5	32.50	2.5	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	28.90	5.3	28.90	5.3	—	—
Plumbers, pipefitters, and steamfitters	28.90	5.3	28.90	5.3	—	—
Installation, maintenance, and repair occupations	21.76	4.7	22.14	4.3	—	—
Level 5	18.21	7.7	18.29	7.5	—	—
Level 6	24.19	9.4	25.89	8.2	—	—
Level 7	26.21	8.2	26.21	8.2	—	—
Not able to be leveled	18.35	10.8	18.88	9.4	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Installation, maintenance, and repair occupations						
—Continued						
First-line supervisors/managers of mechanics, installers, and repairers	\$29.08	9.5	\$29.08	9.5	—	—
Automotive technicians and repairers	18.28	11.0	18.28	11.0	—	—
Automotive service technicians and mechanics	18.28	11.0	18.28	11.0	—	—
Bus and truck mechanics and diesel engine specialists ...	20.36	5.6	20.36	5.6	—	—
Industrial machinery installation, repair, and maintenance workers	22.98	8.7	23.59	8.4	—	—
Level 6	24.78	13.7	27.56	12.3	—	—
Level 7	29.18	3.5	29.18	3.5	—	—
Industrial machinery mechanics	26.60	8.4	26.60	8.4	—	—
Level 7	29.54	5.0	29.54	5.0	—	—
Maintenance and repair workers, general	18.17	10.9	18.96	11.4	—	—
Miscellaneous installation, maintenance, and repair workers	19.60	25.5	19.60	25.5	—	—
Production occupations	21.98	1.9	22.22	1.8	\$12.16	14.2
Level 1	9.62	3.8	9.32	5.4	—	—
Level 2	13.51	8.7	13.61	9.0	—	—
Level 3	25.19	2.1	25.19	2.1	—	—
Level 4	22.59	6.8	22.56	6.8	—	—
Level 5	18.99	3.7	18.99	3.7	—	—
Level 6	23.56	2.5	23.56	2.5	—	—
Level 7	29.28	3.5	29.28	3.5	—	—
Not able to be leveled	17.73	11.8	18.22	12.8	—	—
First-line supervisors/managers of production and operating workers	29.42	7.5	29.42	7.5	—	—
Miscellaneous assemblers and fabricators	25.25	4.7	25.67	4.6	—	—
Level 3	26.82	2.8	26.82	2.8	—	—
Level 4	27.47	6.5	27.47	6.5	—	—
Computer control programmers and operators	26.20	5.6	26.20	5.6	—	—
Computer-controlled machine tool operators, metal and plastic	23.83	2.1	23.83	2.1	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	19.63	3.2	19.51	3.4	—	—
Level 4	24.39	.7	24.38	.8	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	19.15	3.1	18.99	3.3	—	—
Level 4	24.64	.8	24.64	.9	—	—
Machinists	20.91	5.9	20.91	5.9	—	—
Level 5	22.82	8.6	22.82	8.6	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic	22.64	2.7	22.64	2.7	—	—
Tool and die makers	29.02	5.3	29.02	5.3	—	—
Level 7	29.43	6.5	29.43	6.5	—	—
Welding, soldering, and brazing workers	23.58	7.3	23.58	7.3	—	—
Laundry and dry-cleaning workers	10.80	8.9	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers	21.44	5.9	22.06	6.1	—	—
Miscellaneous production workers	16.12	12.6	16.12	12.6	—	—
Transportation and material moving occupations	20.66	3.9	22.38	6.0	10.42	5.7
Level 1	10.01	6.5	10.70	9.3	8.98	6.5
Level 2	13.81	11.8	14.44	12.7	10.48	6.9
Level 3	20.78	4.2	21.38	4.3	—	—
Level 4	21.67	6.8	21.71	6.9	—	—
Level 5	18.88	2.1	18.88	2.1	—	—
Not able to be leveled	15.49	7.2	15.33	7.5	—	—
Bus drivers	17.19	4.1	17.65	5.2	16.36	9.5
Level 3	17.76	5.0	18.03	2.8	—	—
Bus drivers, school	18.03	3.4	17.65	5.2	—	—
Level 3	18.24	3.2	18.03	2.8	—	—
Driver/sales workers and truck drivers	19.26	9.1	19.65	8.1	—	—
Level 3	21.61	12.7	21.61	12.7	—	—
Level 4	22.31	13.7	22.31	13.7	—	—
Level 5	18.57	4.6	18.57	4.6	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Transportation and material moving occupations						
—Continued						
Driver/sales workers	\$12.96	31.6	—	—	—	—
Truck drivers, heavy and tractor-trailer	19.90	5.5	\$19.90	5.5	—	—
Level 4	21.94	14.8	21.94	14.8	—	—
Industrial truck and tractor operators	19.73	5.9	20.59	4.3	—	—
Level 3	21.69	8.6	23.51	6.2	—	—
Laborers and material movers, hand	13.20	12.6	14.47	14.0	\$9.32	5.5
Level 1	9.49	4.0	9.88	6.0	9.09	6.8
Level 2	14.52	14.2	14.99	15.1	—	—
Level 3	21.99	7.1	21.99	7.1	—	—
Laborers and freight, stock, and material movers, hand	13.90	15.4	15.97	16.2	9.35	5.5
Level 1	9.63	3.6	10.17	4.4	9.10	7.0
Level 2	17.37	18.1	19.15	17.9	—	—
Packers and packagers, hand	10.52	10.4	10.78	10.5	—	—

¹ 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. See appendix A for more information.

² 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.

³ Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁵ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$22.62	3.5	\$24.28	3.4	\$13.16	6.9
Management occupations	41.40	6.4	41.40	6.4	—	—
Level 9	29.26	6.8	29.26	6.8	—	—
Level 10	35.88	7.6	35.88	7.6	—	—
Level 11	42.60	5.0	42.60	5.0	—	—
Level 12	55.18	3.0	55.18	3.0	—	—
Level 13	62.21	5.1	62.21	5.1	—	—
Not able to be leveled	40.45	7.9	40.45	7.9	—	—
General and operations managers	36.17	17.1	36.17	17.1	—	—
Marketing and sales managers	40.33	11.7	40.33	11.7	—	—
Marketing managers	45.58	6.5	45.58	6.5	—	—
Computer and information systems managers	59.49	6.1	59.49	6.1	—	—
Financial managers	36.06	10.7	36.06	10.7	—	—
Industrial production managers	43.22	10.1	43.22	10.1	—	—
Engineering managers	59.46	6.6	59.46	6.6	—	—
Business and financial operations occupations	32.04	5.0	32.25	5.5	24.74	10.9
Level 7	26.02	5.0	26.14	5.1	—	—
Level 8	23.49	8.0	23.49	8.0	—	—
Level 9	31.90	4.0	32.50	3.5	—	—
Level 10	31.68	9.4	31.47	10.0	—	—
Level 11	41.94	5.9	41.94	5.9	—	—
Level 12	43.84	5.8	43.84	5.8	—	—
Not able to be leveled	32.30	9.3	32.26	9.6	—	—
Buyers and purchasing agents	30.19	10.5	30.19	10.5	—	—
Purchasing agents, except wholesale, retail, and farm products	30.65	13.3	30.65	13.3	—	—
Human resources, training, and labor relations specialists	33.78	11.1	34.01	11.2	—	—
Management analysts	36.37	4.5	36.37	4.5	—	—
Accountants and auditors	31.84	7.2	31.78	7.4	—	—
Computer and mathematical science occupations	34.20	2.9	35.30	3.0	—	—
Level 7	25.87	7.1	25.87	7.1	—	—
Level 9	36.60	4.4	36.60	4.4	—	—
Level 10	38.83	2.4	38.83	2.4	—	—
Level 11	43.37	1.7	43.37	1.7	—	—
Not able to be leveled	29.25	19.3	29.25	19.3	—	—
Computer software engineers	44.20	5.4	44.20	5.4	—	—
Computer software engineers, applications	38.52	6.8	38.52	6.8	—	—
Computer software engineers, systems software	46.59	6.3	46.59	6.3	—	—
Computer support specialists	20.21	12.2	22.05	9.3	—	—
Computer systems analysts	39.77	5.3	39.77	5.3	—	—
Network and computer systems administrators	33.57	8.2	33.57	8.2	—	—
Architecture and engineering occupations	37.32	2.9	37.57	2.9	—	—
Level 7	25.79	5.4	25.79	5.4	—	—
Level 8	30.10	4.8	—	—	—	—
Level 9	35.29	2.2	35.33	2.3	—	—
Level 11	43.20	3.2	43.20	3.2	—	—
Level 12	45.84	3.1	45.84	3.1	—	—
Not able to be leveled	39.52	4.8	39.52	4.8	—	—
Engineers	40.55	3.9	40.60	3.9	—	—
Level 9	35.78	2.2	35.84	2.3	—	—
Level 11	43.13	3.3	43.13	3.3	—	—
Level 12	45.84	3.1	45.84	3.1	—	—
Not able to be leveled	41.03	3.7	41.03	3.7	—	—
Electrical and electronics engineers	32.46	9.7	32.46	9.7	—	—
Industrial engineers, including health and safety	39.50	2.7	39.92	2.5	—	—
Industrial engineers	40.26	1.9	—	—	—	—
Mechanical engineers	37.58	3.1	37.58	3.1	—	—
Not able to be leveled	36.22	.9	36.22	.9	—	—
Drafters	24.80	14.6	—	—	—	—
Engineering technicians, except drafters	25.50	5.8	25.73	5.9	—	—
Life, physical, and social science occupations	32.30	25.0	—	—	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Community and social services occupations	\$20.24	6.7	\$20.10	8.7	\$20.98	16.2
Level 6	17.08	3.3	17.08	3.3	—	—
Level 7	16.42	3.1	—	—	—	—
Level 9	21.97	3.2	—	—	—	—
Counselors	17.76	7.2	17.13	5.9	—	—
Social workers	22.95	4.8	23.51	5.7	—	—
Level 9	21.68	4.3	—	—	—	—
Medical and public health social workers	—	—	25.77	3.0	—	—
Miscellaneous community and social service specialists	15.47	7.9	—	—	—	—
Legal occupations	54.65	7.9	54.65	7.9	—	—
Education, training, and library occupations	24.52	22.8	24.75	25.5	22.14	27.0
Level 11	35.57	1.3	—	—	—	—
Postsecondary teachers	54.89	30.5	—	—	—	—
Teacher assistants	11.67	7.6	11.76	10.0	—	—
Arts, design, entertainment, sports, and media occupations	36.59	13.7	37.29	14.0	—	—
Not able to be leveled	50.30	25.6	56.81	23.5	—	—
Designers	29.21	18.0	29.21	18.0	—	—
Writers and editors	34.07	3.3	—	—	—	—
Healthcare practitioner and technical occupations	37.88	18.6	36.74	17.1	42.27	24.9
Level 4	13.97	2.5	13.97	2.5	—	—
Level 5	24.45	17.9	19.68	1.8	—	—
Level 6	21.71	4.3	21.69	4.7	—	—
Level 7	28.07	2.1	28.42	1.8	—	—
Level 8	28.65	4.1	29.14	5.6	—	—
Level 9	30.66	1.2	30.07	1.3	32.82	1.6
Level 11	49.36	5.5	48.71	8.8	—	—
Pharmacists	50.58	3.4	—	—	—	—
Physicians and surgeons	—	—	117.18	16.2	—	—
Registered nurses	31.75	1.7	31.89	1.6	31.43	4.0
Level 9	31.33	1.1	31.14	1.8	31.93	1.9
Therapists	27.62	7.7	—	—	—	—
Clinical laboratory technologists and technicians	25.83	6.3	27.06	5.1	—	—
Medical and clinical laboratory technologists	27.06	5.1	27.06	5.1	—	—
Diagnostic related technologists and technicians	28.53	6.2	26.19	2.6	—	—
Level 6	22.35	4.4	22.35	4.4	—	—
Radiologic technologists and technicians	25.13	4.4	25.93	2.3	—	—
Health diagnosing and treating practitioner support technicians	16.58	2.5	16.58	2.5	—	—
Pharmacy technicians	14.40	.7	14.40	.7	—	—
Licensed practical and licensed vocational nurses	21.57	3.2	21.62	3.1	—	—
Level 6	21.54	4.5	21.53	4.6	—	—
Healthcare support occupations	12.14	5.0	12.18	5.6	11.95	9.6
Level 2	9.71	4.0	—	—	—	—
Level 3	11.74	4.1	11.69	3.1	11.99	10.7
Level 4	13.84	5.6	14.07	5.8	—	—
Nursing, psychiatric, and home health aides	11.30	5.6	11.38	4.5	10.88	12.6
Level 2	9.67	3.9	—	—	—	—
Level 3	11.66	5.2	11.65	3.9	11.73	14.8
Level 4	12.72	4.9	12.76	5.7	—	—
Home health aides	9.87	6.1	—	—	—	—
Nursing aides, orderlies, and attendants	13.13	4.0	13.37	4.0	12.05	5.1
Level 3	13.40	5.7	13.65	4.6	—	—
Level 4	13.65	2.4	—	—	—	—
Miscellaneous healthcare support occupations	14.12	3.9	14.31	5.2	—	—
Level 3	12.16	8.2	—	—	—	—
Level 4	14.81	6.1	15.16	4.9	—	—
Medical assistants	14.38	7.2	—	—	—	—
Protective service occupations	13.92	14.3	14.39	15.2	—	—
Level 3	12.76	8.9	—	—	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Protective service occupations —Continued						
Security guards and gaming surveillance officers	\$12.64	4.4	\$12.93	5.2	—	—
Security guards	12.64	4.4	12.93	5.2	—	—
Food preparation and serving related occupations						
Level 1	7.84	4.7	8.96	13.6	\$7.02	1.2
Level 2	7.61	4.1	—	—	7.53	3.7
Level 3	6.68	2.6	7.24	10.5	6.46	2.2
Level 4	8.11	17.6	7.99	21.2	8.45	8.4
Level 4	10.60	4.5	10.61	4.7	—	—
First-line supervisors/managers, food preparation and serving workers	14.68	3.6	14.74	3.6	—	—
First-line supervisors/managers of food preparation and serving workers	14.12	.8	14.16	1.0	—	—
Cooks	11.05	5.5	11.38	9.7	9.69	1.6
Level 3	10.74	8.3	10.83	10.9	—	—
Level 4	12.50	3.0	—	—	—	—
Cooks, restaurant	10.69	7.7	10.82	10.9	10.21	.3
Level 3	10.50	8.1	—	—	—	—
Food service, tipped	4.04	3.7	4.11	10.9	3.97	6.1
Level 1	6.23	12.8	—	—	6.23	12.8
Level 2	3.54	9.1	3.70	11.5	3.46	10.5
Level 3	3.95	25.3	—	—	—	—
Bartenders	5.19	12.3	4.90	13.3	—	—
Level 3	4.91	22.0	—	—	—	—
Waiters and waitresses	3.28	4.0	3.38	12.2	3.22	7.2
Level 2	3.30	8.9	3.68	14.6	3.14	11.1
Fast food and counter workers	8.08	1.1	9.63	3.8	7.75	1.1
Level 2	8.14	1.8	9.75	3.5	7.78	1.2
Level 3	9.11	9.8	—	—	—	—
Combined food preparation and serving workers, including fast food	8.11	1.4	9.45	3.3	7.78	1.8
Level 2	8.13	1.2	—	—	7.80	1.4
Level 3	9.11	9.8	—	—	—	—
Counter attendants, cafeteria, food concession, and coffee shop	7.92	8.1	—	—	—	—
Dishwashers	8.16	1.2	—	—	—	—
Level 1	8.16	1.2	—	—	—	—
Hosts and hostesses, restaurant, lounge, and coffee shop	8.12	4.1	—	—	8.04	4.1
Level 2	7.87	1.4	—	—	—	—
Building and grounds cleaning and maintenance occupations						
Level 1	11.68	4.6	12.16	5.3	10.37	9.3
Level 2	9.64	5.5	9.87	7.3	9.26	5.1
Level 2	12.59	10.7	12.66	14.3	—	—
Not able to be leveled	16.52	20.7	17.09	21.4	—	—
Building cleaning workers	11.59	4.5	12.12	5.9	10.39	9.5
Level 1	9.56	6.3	9.78	8.5	9.24	5.2
Level 2	12.79	11.9	12.94	17.1	—	—
Not able to be leveled	15.33	19.3	15.89	20.7	—	—
Janitors and cleaners, except maids and housekeeping cleaners	11.36	7.8	12.47	9.5	9.01	3.5
Level 1	9.53	6.9	10.09	11.5	9.07	4.7
Level 2	11.39	10.3	12.31	12.9	—	—
Not able to be leveled	15.89	20.7	15.89	20.7	—	—
Maids and housekeeping cleaners	12.20	10.3	11.29	13.1	—	—
Level 1	9.62	12.0	—	—	—	—
Grounds maintenance workers	10.89	8.2	—	—	—	—
Landscaping and groundskeeping workers	10.89	8.2	—	—	—	—
Personal care and service occupations						
Level 1	11.10	4.0	11.57	5.5	9.74	4.2
Level 2	8.88	6.3	—	—	8.88	6.3
Level 2	9.19	2.1	—	—	—	—
Level 3	7.82	20.0	—	—	9.71	4.9
Miscellaneous entertainment attendants and related workers	8.90	5.9	—	—	8.90	5.9

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Personal care and service occupations —Continued						
Miscellaneous entertainment attendants and related workers—Continued						
Level 1	\$8.88	6.3	—	—	\$8.88	6.3
Child care workers	9.70	1.5	—	—	—	—
Sales and related occupations	18.44	5.3	\$21.81	4.3	8.82	3.8
Level 1	8.66	11.9	—	—	7.88	4.1
Level 2	9.68	.8	11.51	6.3	8.51	2.1
Level 3	11.45	8.9	13.24	16.1	9.20	5.6
Level 4	14.80	2.3	15.32	5.5	—	—
Level 5	22.37	19.1	22.37	19.1	—	—
Level 6	22.78	5.2	22.78	5.2	—	—
Not able to be leveled	24.39	23.0	24.84	22.6	—	—
First-line supervisors/managers, sales workers	25.13	15.0	25.53	15.2	—	—
Level 6	23.59	4.9	23.59	4.9	—	—
First-line supervisors/managers of retail sales workers	18.88	2.2	19.28	.4	—	—
Retail sales workers	12.38	2.0	15.16	4.2	8.55	3.3
Level 1	7.79	.2	—	—	7.68	1.3
Level 2	9.65	1.0	11.51	6.3	8.42	1.1
Level 3	11.75	8.9	13.24	16.1	9.39	6.0
Level 4	14.19	15.3	14.90	20.6	—	—
Not able to be leveled	20.86	5.7	—	—	—	—
Cashiers, all workers	9.64	6.1	11.07	11.3	8.49	1.4
Level 1	7.85	.4	—	—	7.73	1.0
Level 2	10.34	4.9	11.56	7.1	8.57	.5
Cashiers	9.64	6.1	11.07	11.3	8.49	1.4
Level 1	7.85	.4	—	—	7.73	1.0
Level 2	10.34	4.9	11.56	7.1	8.57	.5
Retail salespersons	14.00	5.3	17.24	2.1	8.56	5.0
Level 2	8.55	1.1	—	—	8.31	2.0
Level 3	12.44	14.5	—	—	—	—
Level 4	14.47	17.0	14.90	20.6	—	—
Insurance sales agents	18.60	.6	18.60	.6	—	—
Sales representatives, wholesale and manufacturing	31.08	20.0	31.08	20.0	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	33.0	36.10	33.0	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.89	10.9	24.89	10.9	—	—
Office and administrative support occupations	15.87	2.4	16.59	2.1	11.19	6.6
Level 1	9.51	2.6	10.85	5.4	8.93	1.2
Level 2	11.27	3.1	11.47	3.4	9.90	4.5
Level 3	13.35	4.0	14.12	4.7	10.87	6.4
Level 4	15.17	3.4	15.59	3.1	11.16	15.5
Level 5	18.79	1.9	18.57	2.4	—	—
Level 6	21.43	3.6	21.46	3.7	—	—
Level 7	26.98	3.8	26.98	3.8	—	—
Not able to be leveled	15.18	3.2	15.24	3.1	—	—
First-line supervisors/managers of office and administrative support workers	20.95	4.7	20.95	4.7	—	—
Financial clerks	16.07	4.6	16.00	4.1	16.47	12.8
Level 3	11.83	2.5	11.81	4.1	—	—
Level 4	14.31	5.5	14.09	5.7	—	—
Level 5	18.04	9.6	17.11	7.0	—	—
Level 6	22.24	3.1	21.92	3.2	—	—
Not able to be leveled	15.87	6.4	15.87	6.4	—	—
Billing and posting clerks and machine operators	17.34	9.6	15.05	4.4	—	—
Bookkeeping, accounting, and auditing clerks	17.32	3.4	17.46	4.2	—	—
Level 4	15.66	4.1	15.34	2.4	—	—
Level 6	22.51	3.7	22.51	3.7	—	—
Tellers	13.47	.7	13.95	.6	12.41	2.2
Level 3	12.14	4.4	—	—	—	—
Customer service representatives	16.88	9.2	17.18	9.2	—	—
Level 4	15.90	1.9	16.65	1.1	—	—
Not able to be leveled	12.96	7.7	12.96	7.7	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Office and administrative support occupations						
—Continued						
Interviewers, except eligibility and loan	\$11.96	14.8	—	—	—	—
Loan interviewers and clerks	24.90	13.9	\$24.90	13.9	—	—
Receptionists and information clerks	12.10	6.2	12.50	8.0	—	—
Level 3	11.64	6.2	12.54	2.9	—	—
Shipping, receiving, and traffic clerks	17.34	10.2	17.34	10.2	—	—
Level 4	18.66	17.4	18.66	17.4	—	—
Stock clerks and order fillers	10.48	3.6	12.27	8.0	\$8.76	0.0
Level 1	9.30	2.1	—	—	8.82	.0
Level 2	9.06	5.2	—	—	—	—
Level 3	10.86	2.7	—	—	—	—
Secretaries and administrative assistants	19.73	5.1	20.31	4.4	—	—
Level 4	16.93	3.2	16.93	3.2	—	—
Level 5	18.56	5.9	18.46	6.3	—	—
Level 6	21.16	6.3	21.16	6.3	—	—
Executive secretaries and administrative assistants	23.85	7.0	23.85	7.0	—	—
Level 6	22.90	9.1	22.90	9.1	—	—
Secretaries, except legal, medical, and executive	16.20	6.7	16.76	4.0	—	—
Level 4	16.83	4.1	16.83	4.1	—	—
Level 5	17.58	5.0	—	—	—	—
Insurance claims and policy processing clerks	17.73	9.1	17.73	9.1	—	—
Office clerks, general	14.03	4.9	14.17	5.5	—	—
Level 3	14.48	2.7	—	—	—	—
Level 4	14.42	6.7	14.74	7.5	—	—
Construction and extraction occupations	24.49	4.7	24.49	4.7	—	—
Level 5	22.18	7.6	22.18	7.6	—	—
Level 6	26.31	15.1	26.31	15.1	—	—
Level 7	31.75	2.8	31.75	2.8	—	—
Electricians	33.31	1.2	33.31	1.2	—	—
Level 7	33.28	1.2	33.28	1.2	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	30.18	3.3	30.18	3.3	—	—
Plumbers, pipefitters, and steamfitters	30.18	3.3	30.18	3.3	—	—
Installation, maintenance, and repair occupations	21.64	5.0	22.05	4.6	—	—
Level 5	18.02	8.2	18.09	8.0	—	—
Level 6	24.24	10.9	26.18	9.6	—	—
Level 7	26.08	9.1	26.08	9.1	—	—
Not able to be leveled	18.35	11.0	18.89	9.7	—	—
First-line supervisors/managers of mechanics, installers, and repairers	29.06	9.7	29.06	9.7	—	—
Automotive technicians and repairers	17.96	11.4	17.96	11.4	—	—
Automotive service technicians and mechanics	17.96	11.4	17.96	11.4	—	—
Bus and truck mechanics and diesel engine specialists	19.80	6.5	19.80	6.5	—	—
Industrial machinery installation, repair, and maintenance workers	22.97	9.5	23.65	9.2	—	—
Level 6	24.78	13.7	27.56	12.3	—	—
Level 7	29.51	4.3	29.51	4.3	—	—
Industrial machinery mechanics	26.60	8.4	26.60	8.4	—	—
Level 7	29.54	5.0	29.54	5.0	—	—
Maintenance and repair workers, general	16.85	11.9	17.68	13.0	—	—
Production occupations	21.98	1.9	22.22	1.8	12.16	14.2
Level 1	9.62	3.8	9.32	5.4	—	—
Level 2	13.51	8.7	13.61	9.0	—	—
Level 3	25.19	2.1	25.19	2.1	—	—
Level 4	22.59	6.8	22.56	6.8	—	—
Level 5	18.99	3.7	18.99	3.7	—	—
Level 6	23.63	2.6	23.63	2.6	—	—
Level 7	29.28	3.5	29.28	3.5	—	—
Not able to be leveled	17.73	11.8	18.22	12.8	—	—
First-line supervisors/managers of production and operating workers	29.42	7.5	29.42	7.5	—	—
Miscellaneous assemblers and fabricators	25.25	4.7	25.67	4.6	—	—
Level 3	26.82	2.8	26.82	2.8	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Production occupations —Continued						
Miscellaneous assemblers and fabricators —Continued						
Level 4	\$27.47	6.5	\$27.47	6.5	—	—
Computer control programmers and operators	26.20	5.6	26.20	5.6	—	—
Computer-controlled machine tool operators, metal and plastic	23.83	2.1	23.83	2.1	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	19.63	3.2	19.51	3.4	—	—
Level 4	24.39	.7	24.38	.8	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	19.15	3.1	18.99	3.3	—	—
Level 4	24.64	.8	24.64	.9	—	—
Machinists	20.91	5.9	20.91	5.9	—	—
Level 5	22.82	8.6	22.82	8.6	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic	22.64	2.7	22.64	2.7	—	—
Tool and die makers	29.02	5.3	29.02	5.3	—	—
Level 7	29.43	6.5	29.43	6.5	—	—
Welding, soldering, and brazing workers	23.58	7.3	23.58	7.3	—	—
Laundry and dry-cleaning workers	10.80	8.9	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers	21.44	5.9	22.06	6.1	—	—
Miscellaneous production workers	16.12	12.6	16.12	12.6	—	—
Transportation and material moving occupations	20.88	4.1	22.59	6.3	\$9.75	6.0
Level 1	10.01	6.5	10.70	9.3	8.98	6.5
Level 2	13.87	12.5	14.44	13.0	9.75	8.2
Level 3	21.37	5.1	21.93	5.1	—	—
Level 4	21.77	7.0	21.81	7.0	—	—
Level 5	18.88	2.1	18.88	2.1	—	—
Not able to be leveled	15.33	7.5	15.33	7.5	—	—
Driver/sales workers and truck drivers	19.26	9.1	19.65	8.1	—	—
Level 3	21.61	12.7	21.61	12.7	—	—
Level 4	22.31	13.7	22.31	13.7	—	—
Level 5	18.57	4.6	18.57	4.6	—	—
Driver/sales workers	12.96	31.6	—	—	—	—
Truck drivers, heavy and tractor-trailer	19.90	5.5	19.90	5.5	—	—
Level 4	21.94	14.8	21.94	14.8	—	—
Industrial truck and tractor operators	19.73	5.9	20.59	4.3	—	—
Level 3	21.69	8.6	23.51	6.2	—	—
Laborers and material movers, hand	13.20	12.6	14.47	14.0	9.32	5.5
Level 1	9.49	4.0	9.88	6.0	9.09	6.8
Level 2	14.52	14.2	14.99	15.1	—	—
Level 3	21.99	7.1	21.99	7.1	—	—
Laborers and freight, stock, and material movers, hand	13.90	15.4	15.97	16.2	9.35	5.5
Level 1	9.63	3.6	10.17	4.4	9.10	7.0
Level 2	17.37	18.1	19.15	17.9	—	—
Packers and packagers, hand	10.52	10.4	10.78	10.5	—	—

¹ 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. See appendix A for more information.

² 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.

³ Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁵ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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.

Table 4. State and local government workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$29.56	4.6	\$30.45	4.1	\$21.09	18.0
Management occupations	49.68	10.2	46.51	7.6	—	—
Level 11	46.11	5.5	46.11	5.5	—	—
Not able to be leveled	52.16	18.7	46.69	17.1	—	—
Education administrators	61.21	1.5	56.73	3.3	—	—
Business and financial operations occupations	26.64	7.6	26.64	7.6	—	—
Level 9	24.08	5.5	24.08	5.5	—	—
Computer and mathematical science occupations	32.22	3.5	32.22	3.5	—	—
Life, physical, and social science occupations	24.88	18.1	25.00	18.3	—	—
Community and social services occupations	37.86	17.1	38.61	17.3	—	—
Level 9	36.35	21.9	36.35	21.9	—	—
Social workers	37.11	18.3	37.11	18.3	—	—
Level 9	31.81	18.5	31.81	18.5	—	—
Child, family, and school social workers	41.90	22.2	41.90	22.2	—	—
Education, training, and library occupations	45.09	5.0	46.75	5.1	16.35	10.0
Level 3	16.91	8.5	17.24	5.3	—	—
Level 4	16.00	4.2	16.14	5.3	—	—
Level 9	50.49	1.5	50.52	1.5	—	—
Not able to be leveled	44.26	23.7	49.23	25.1	15.37	2.7
Postsecondary teachers	60.44	16.0	62.34	16.5	29.28	18.8
Arts, communications, and humanities teachers, postsecondary	63.21	8.0	—	—	—	—
Primary, secondary, and special education school teachers	51.26	.1	51.43	.3	—	—
Level 9	51.66	.1	51.66	.1	—	—
Elementary and middle school teachers	52.76	.4	53.16	1.4	—	—
Level 9	53.16	1.4	53.16	1.4	—	—
Elementary school teachers, except special education	52.20	1.3	52.71	2.7	—	—
Level 9	52.71	2.7	52.71	2.7	—	—
Middle school teachers, except special and vocational education	54.65	3.2	54.65	3.2	—	—
Level 9	54.65	3.2	54.65	3.2	—	—
Secondary school teachers	52.25	.7	52.25	.7	—	—
Level 9	52.03	.3	52.03	.3	—	—
Secondary school teachers, except special and vocational education	51.98	.1	51.98	.1	—	—
Level 9	51.98	.1	51.98	.1	—	—
Special education teachers	45.85	1.9	45.85	1.9	—	—
Level 9	45.85	1.9	45.85	1.9	—	—
Special education teachers, preschool, kindergarten, and elementary school	43.83	6.2	43.83	6.2	—	—
Level 9	43.83	6.2	43.83	6.2	—	—
Other teachers and instructors	19.87	26.8	—	—	13.93	2.9
Librarians	26.96	9.3	26.96	9.3	—	—
Teacher assistants	16.10	1.0	16.78	2.8	13.36	12.1
Level 3	16.91	8.5	17.24	5.3	—	—
Level 4	16.00	4.2	16.14	5.3	—	—
Healthcare practitioner and technical occupations	28.94	7.9	27.83	12.4	—	—
Level 9	32.74	11.0	33.21	13.0	—	—
Registered nurses	31.00	3.5	27.67	3.3	—	—
Level 9	29.00	1.8	—	—	—	—
Protective service occupations	24.42	3.2	25.19	4.4	12.03	8.7
Level 6	21.67	5.0	22.61	1.3	—	—
Level 7	25.48	3.8	25.48	3.8	—	—
Level 8	31.15	1.3	31.15	1.3	—	—
Fire fighters	21.47	2.6	22.40	2.3	—	—
Level 6	21.27	7.2	22.67	1.4	—	—
Bailliffs, correctional officers, and jailers	23.49	1.0	23.49	1.0	—	—

See footnotes at end of table.

Table 4. State and local government workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Protective service occupations —Continued						
Correctional officers and jailers	\$23.65	0.5	\$23.65	0.5	—	—
Police officers	28.28	5.1	28.28	5.1	—	—
Level 7	26.34	6.4	26.34	6.4	—	—
Police and sheriff's patrol officers	28.28	5.1	28.28	5.1	—	—
Level 7	26.34	6.4	26.34	6.4	—	—
Miscellaneous protective service workers	15.73	9.4	—	—	—	—
Food preparation and serving related occupations	13.24	12.5	—	—	—	—
Building and grounds cleaning and maintenance occupations	16.29	3.5	16.82	4.4	—	—
Level 1	14.55	5.9	—	—	—	—
Level 2	15.41	8.4	—	—	—	—
Level 3	17.15	6.1	17.15	6.1	—	—
Building cleaning workers	16.21	2.9	16.55	4.1	—	—
Level 2	15.41	8.4	—	—	—	—
Level 3	17.15	6.1	17.15	6.1	—	—
Janitors and cleaners, except maids and housekeeping cleaners	16.21	2.9	16.55	4.1	—	—
Level 2	15.41	8.4	—	—	—	—
Level 3	17.15	6.1	17.15	6.1	—	—
Personal care and service occupations	15.19	4.0	—	—	\$12.22	16.8
Level 2	10.17	4.3	—	—	10.17	4.3
Child care workers	13.62	5.7	—	—	9.44	7.4
Office and administrative support occupations	18.21	2.8	18.48	3.0	—	—
Level 3	17.23	1.7	17.23	1.7	—	—
Level 4	16.54	5.7	16.54	5.7	—	—
Level 5	18.04	6.5	18.04	6.5	—	—
Level 6	22.69	2.1	22.69	2.1	—	—
Not able to be leveled	16.11	7.3	—	—	—	—
Financial clerks	19.23	4.8	19.23	4.8	—	—
Secretaries and administrative assistants	19.24	3.9	19.24	3.9	—	—
Level 5	17.85	6.0	17.85	6.0	—	—
Executive secretaries and administrative assistants	20.67	8.6	20.67	8.6	—	—
Secretaries, except legal, medical, and executive	18.07	5.4	18.07	5.4	—	—
Level 5	17.85	6.0	17.85	6.0	—	—
Office clerks, general	16.40	9.0	16.40	9.0	—	—
Construction and extraction occupations	23.84	1.7	23.84	1.7	—	—
Installation, maintenance, and repair occupations	23.37	8.4	23.37	8.4	—	—
Industrial machinery installation, repair, and maintenance workers	23.07	12.0	23.07	12.0	—	—
Maintenance and repair workers, general	23.07	12.0	23.07	12.0	—	—
Transportation and material moving occupations	16.76	4.7	17.50	4.8	15.26	11.6
Level 3	17.43	5.9	17.54	4.5	—	—
Bus drivers	17.17	4.4	17.65	5.2	—	—
Level 3	17.76	5.0	18.03	2.8	—	—
Bus drivers, school	18.05	3.6	17.65	5.2	—	—
Level 3	18.24	3.2	18.03	2.8	—	—

¹ 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. See appendix A for more information.

² 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.

³ Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁵ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$23.52	3.1	\$25.13	3.0	\$13.85	6.6
Management occupations	42.78	5.6	42.18	5.4	—	—
Group II	22.05	10.1	—	—	—	—
Group III	40.62	4.8	—	—	—	—
Group IV	71.68	10.2	—	—	—	—
General and operations managers	36.17	17.1	36.17	17.1	—	—
Marketing and sales managers	40.33	11.7	40.33	11.7	—	—
Group III	37.67	14.7	—	—	—	—
Marketing managers	45.58	6.5	45.58	6.5	—	—
Computer and information systems managers	57.82	6.0	57.82	6.0	—	—
Financial managers	36.83	9.7	36.83	9.7	—	—
Group III	35.72	10.9	35.72	10.9	—	—
Industrial production managers	43.22	10.1	43.22	10.1	—	—
Group III	43.50	6.3	43.50	6.3	—	—
Education administrators	59.08	5.2	54.43	4.7	—	—
Group III	46.90	15.7	—	—	—	—
Education administrators, postsecondary	58.57	7.2	—	—	—	—
Engineering managers	58.71	6.2	58.71	6.2	—	—
Business and financial operations occupations	31.55	4.5	31.73	4.9	24.74	10.9
Group II	22.00	8.6	—	—	—	—
Group III	35.28	4.4	—	—	—	—
Buyers and purchasing agents	29.02	10.1	29.02	10.1	—	—
Group III	28.77	6.9	—	—	—	—
Purchasing agents, except wholesale, retail, and farm products	29.20	12.0	29.20	12.0	—	—
Human resources, training, and labor relations specialists	34.01	10.6	34.24	10.6	—	—
Group III	38.82	12.2	—	—	—	—
Management analysts	36.37	4.5	36.37	4.5	—	—
Group III	40.24	4.3	40.24	4.3	—	—
Accountants and auditors	29.99	7.1	29.91	7.3	—	—
Group III	31.70	8.1	31.70	8.1	—	—
Loan counselors and officers	24.80	15.7	24.80	15.7	—	—
Computer and mathematical science occupations	33.99	2.7	34.97	2.8	—	—
Group II	22.75	10.3	—	—	—	—
Group III	40.51	2.9	—	—	—	—
Computer software engineers	44.20	5.4	44.20	5.4	—	—
Group III	43.69	4.6	—	—	—	—
Computer software engineers, applications	38.52	6.8	38.52	6.8	—	—
Computer software engineers, systems software	46.59	6.3	46.59	6.3	—	—
Computer support specialists	20.21	11.0	21.84	8.5	—	—
Group II	19.92	13.5	22.51	5.6	—	—
Computer systems analysts	39.35	4.6	39.35	4.6	—	—
Group III	39.38	4.4	39.38	4.4	—	—
Network and computer systems administrators	34.62	8.9	34.62	8.9	—	—
Group III	40.30	7.9	40.30	7.9	—	—
Architecture and engineering occupations	37.02	2.9	37.31	2.9	—	—
Group II	25.13	7.8	—	—	—	—
Group III	40.71	2.4	—	—	—	—
Engineers	40.38	3.8	40.43	3.9	—	—
Group III	41.02	2.6	—	—	—	—
Electrical and electronics engineers	32.46	9.7	32.46	9.7	—	—
Industrial engineers, including health and safety	39.50	2.7	39.92	2.5	—	—
Group III	40.53	2.2	—	—	—	—
Industrial engineers	40.26	1.9	—	—	—	—
Group III	40.53	2.2	41.11	1.5	—	—
Mechanical engineers	37.58	3.1	37.58	3.1	—	—
Group III	40.94	3.7	40.94	3.7	—	—
Drafters	24.80	14.6	—	—	—	—
Group II	24.00	19.5	—	—	—	—
Engineering technicians, except drafters	25.16	5.6	25.57	5.5	—	—
Group II	23.26	10.5	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Life, physical, and social science occupations	\$28.11	15.1	\$30.20	15.4	—	—
Group II	19.11	5.3	—	—	—	—
Life scientists	25.84	15.9	—	—	—	—
Community and social services occupations	23.68	8.7	24.13	10.9	\$20.91	15.3
Group II	17.08	3.1	—	—	—	—
Group III	28.67	10.0	—	—	—	—
Counselors	23.26	21.8	23.04	23.3	—	—
Group II	17.13	5.9	—	—	—	—
Educational, vocational, and school counselors	28.85	31.8	28.85	31.8	—	—
Social workers	26.27	5.2	27.40	5.7	—	—
Group III	27.35	6.3	—	—	—	—
Child, family, and school social workers	37.67	18.7	37.67	18.7	—	—
Group III	41.90	22.2	41.90	22.2	—	—
Medical and public health social workers	—	—	25.85	2.9	—	—
Mental health and substance abuse social workers	21.54	11.9	—	—	—	—
Group III	21.54	11.9	—	—	—	—
Miscellaneous community and social service specialists	16.15	7.8	—	—	—	—
Group II	16.68	8.3	—	—	—	—
Social and human service assistants	16.01	8.7	—	—	—	—
Legal occupations	52.54	9.4	52.54	9.4	—	—
Lawyers	57.30	6.0	57.30	6.0	—	—
Education, training, and library occupations	40.14	6.8	41.59	7.5	18.31	12.3
Group I	13.08	5.9	—	—	—	—
Group II	19.28	10.1	—	—	—	—
Group III	50.69	3.9	—	—	—	—
Postsecondary teachers	59.03	13.8	61.42	13.6	28.78	12.3
Group III	58.74	14.8	—	—	—	—
Math and computer teachers, postsecondary	61.00	28.3	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	60.34	10.9	—	—	—	—
Primary, secondary, and special education school teachers	48.55	1.9	48.81	2.0	—	—
Group III	50.96	1.3	—	—	—	—
Elementary and middle school teachers	50.52	4.2	50.86	4.3	—	—
Group III	53.16	1.4	—	—	—	—
Elementary school teachers, except special education	49.42	5.2	49.84	5.4	—	—
Group III	52.71	2.7	52.71	2.7	—	—
Middle school teachers, except special and vocational education	54.65	3.2	54.65	3.2	—	—
Group III	54.65	3.2	54.65	3.2	—	—
Secondary school teachers	50.44	3.3	50.83	2.6	—	—
Group III	50.21	3.3	—	—	—	—
Secondary school teachers, except special and vocational education	50.12	3.3	50.53	2.7	—	—
Group III	50.12	3.3	50.53	2.7	—	—
Special education teachers	45.85	1.9	45.85	1.9	—	—
Group III	45.85	1.9	—	—	—	—
Special education teachers, preschool, kindergarten, and elementary school	43.83	6.2	43.83	6.2	—	—
Group III	43.83	6.2	43.83	6.2	—	—
Other teachers and instructors	19.87	26.8	—	—	13.93	2.9
Librarians	26.96	9.3	26.96	9.3	—	—
Teacher assistants	13.73	6.7	13.97	9.7	12.41	9.7
Group I	13.08	5.9	13.27	8.7	12.03	7.9
Arts, design, entertainment, sports, and media occupations	35.95	13.8	36.75	14.0	27.59	11.2
Group III	35.40	8.9	—	—	—	—
Designers	29.21	18.0	29.21	18.0	—	—
Writers and editors	34.07	3.3	—	—	—	—
Healthcare practitioner and technical occupations	36.92	17.0	35.97	15.9	40.25	21.2

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Healthcare practitioner and technical occupations						
—Continued						
Group I	\$13.97	2.5	—	—	—	—
Group II	24.70	6.4	—	—	—	—
Group III	46.83	22.0	—	—	—	—
Pharmacists	50.58	3.4	—	—	—	—
Group III	50.58	3.4	—	—	—	—
Physicians and surgeons	108.99	22.8	\$102.47	24.0	—	—
Registered nurses	31.66	1.6	31.65	1.5	\$31.68	3.2
Group III	32.22	1.0	31.80	1.8	33.56	3.3
Therapists	31.44	9.1	32.16	13.2	—	—
Group III	33.57	14.2	—	—	—	—
Clinical laboratory technologists and technicians	25.17	6.3	26.09	6.1	—	—
Group II	24.93	7.3	—	—	—	—
Medical and clinical laboratory technologists	27.06	5.1	27.06	5.1	—	—
Diagnostic related technologists and technicians	28.38	5.6	26.38	2.4	—	—
Group II	28.53	6.2	—	—	—	—
Radiologic technologists and technicians	25.49	3.7	26.19	2.2	—	—
Group II	25.13	4.4	25.93	2.3	—	—
Health diagnosing and treating practitioner support technicians	16.54	2.3	16.54	2.3	—	—
Group II	18.07	4.4	—	—	—	—
Pharmacy technicians	14.40	.7	14.40	.7	—	—
Licensed practical and licensed vocational nurses	21.41	3.0	21.44	2.9	—	—
Group II	21.41	3.0	21.44	2.9	—	—
Healthcare support occupations	12.32	4.7	12.33	5.3	12.25	8.9
Group I	11.90	5.3	—	—	—	—
Group II	15.49	11.0	—	—	—	—
Nursing, psychiatric, and home health aides	11.47	5.4	11.46	4.5	11.51	12.1
Group I	11.37	5.6	—	—	—	—
Home health aides	9.87	6.1	—	—	—	—
Group I	9.87	6.1	—	—	—	—
Nursing aides, orderlies, and attendants	13.24	3.7	13.37	4.0	12.81	5.3
Group I	13.13	4.0	13.37	4.0	12.05	5.1
Miscellaneous healthcare support occupations	14.18	3.4	14.37	4.4	—	—
Group I	13.71	6.6	—	—	—	—
Medical assistants	14.38	7.2	—	—	—	—
Protective service occupations	20.80	7.8	21.62	8.3	11.16	7.0
Group I	12.47	4.4	—	—	—	—
Group II	24.05	4.3	—	—	—	—
Fire fighters	21.47	2.6	22.40	2.3	—	—
Group II	21.47	2.6	22.40	2.3	—	—
Bailiffs, correctional officers, and jailers	23.49	1.0	23.49	1.0	—	—
Group II	23.49	1.0	—	—	—	—
Correctional officers and jailers	23.65	.5	23.65	.5	—	—
Group II	23.65	.5	23.65	.5	—	—
Police officers	28.28	5.1	28.28	5.1	—	—
Group II	28.21	5.3	—	—	—	—
Police and sheriff's patrol officers	28.28	5.1	28.28	5.1	—	—
Group II	28.21	5.3	28.21	5.3	—	—
Security guards and gaming surveillance officers	12.93	4.9	13.34	6.0	—	—
Group I	12.59	4.6	—	—	—	—
Security guards	12.93	4.9	13.34	6.0	—	—
Group I	12.59	4.6	13.01	5.8	—	—
Miscellaneous protective service workers	13.08	12.9	—	—	—	—
Group I	11.49	7.4	—	—	—	—
Food preparation and serving related occupations	7.98	4.6	9.19	13.3	7.07	1.3
Group I	7.55	2.9	—	—	—	—
Group II	15.05	6.3	—	—	—	—
First-line supervisors/managers, food preparation and serving workers	14.68	3.6	14.74	3.6	—	—
First-line supervisors/managers of food preparation and serving workers	14.12	.8	14.16	1.0	—	—

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Food preparation and serving related occupations						
—Continued						
Cooks	\$11.34	5.7	\$11.69	10.1	\$9.96	4.6
Group I	11.09	5.5	—	—	—	—
Cooks, institution and cafeteria	13.99	5.9	—	—	—	—
Cooks, restaurant	10.69	7.7	10.82	10.9	10.21	.3
Group I	10.69	7.7	10.82	10.9	10.21	.3
Food service, tipped	4.08	3.9	4.19	11.6	3.97	6.1
Group I	4.08	3.9	—	—	—	—
Bartenders	5.19	12.3	4.90	13.3	—	—
Group I	5.19	12.3	4.90	13.3	—	—
Waiters and waitresses	3.28	4.0	3.38	12.2	3.22	7.2
Group I	3.28	4.0	3.38	12.2	3.22	7.2
Fast food and counter workers	8.13	1.1	9.63	3.8	7.80	1.1
Group I	8.13	1.1	—	—	—	—
Combined food preparation and serving workers, including fast food	8.13	1.5	9.45	3.3	7.81	1.9
Group I	8.13	1.5	9.45	3.3	7.81	1.9
Counter attendants, cafeteria, food concession, and coffee shop	8.09	9.0	—	—	7.77	6.2
Group I	8.09	9.0	—	—	7.77	6.2
Food servers, nonrestaurant	12.19	8.8	—	—	—	—
Dishwashers	8.16	1.2	—	—	—	—
Group I	8.16	1.2	—	—	—	—
Hosts and hostesses, restaurant, lounge, and coffee shop	8.12	4.1	—	—	8.04	4.1
Group I	8.12	4.1	—	—	8.04	4.1
Building and grounds cleaning and maintenance occupations						
.....	12.86	4.4	13.57	4.8	10.35	8.5
Group I	12.36	3.2	—	—	—	—
Building cleaning workers	12.83	4.1	13.59	4.8	10.39	8.8
Group I	12.54	3.5	—	—	—	—
Janitors and cleaners, except maids and housekeeping cleaners	12.99	6.0	14.15	6.5	9.13	3.6
Group I	12.61	5.0	13.83	5.7	9.13	3.6
Maids and housekeeping cleaners	12.20	10.3	11.29	13.1	—	—
Group I	12.31	10.3	11.29	13.1	—	—
Grounds maintenance workers	11.99	10.7	—	—	—	—
Group I	10.78	8.1	—	—	—	—
Landscaping and groundskeeping workers	11.99	10.7	—	—	—	—
Group I	10.78	8.1	—	—	—	—
Personal care and service occupations						
.....	11.65	3.3	12.20	5.5	10.31	6.6
Group I	9.14	9.1	—	—	—	—
Group II	15.68	6.7	—	—	—	—
Miscellaneous entertainment attendants and related workers	8.90	5.9	—	—	8.90	5.9
Group I	8.90	5.9	—	—	—	—
Child care workers	11.14	3.3	12.34	4.6	9.26	3.6
Group I	9.74	4.8	10.35	11.2	9.26	3.6
Recreation and fitness workers	13.27	16.6	—	—	—	—
Sales and related occupations						
.....	18.87	5.7	22.33	4.7	8.84	3.8
Group I	11.20	5.6	—	—	—	—
Group II	23.01	8.2	—	—	—	—
Group III	51.29	5.2	—	—	—	—
First-line supervisors/managers, sales workers	25.13	15.0	25.53	15.2	—	—
Group II	21.97	10.0	—	—	—	—
First-line supervisors/managers of retail sales workers	18.88	2.2	19.28	.4	—	—
Retail sales workers	12.38	2.0	15.16	4.2	8.57	3.3
Group I	10.54	8.0	—	—	—	—
Cashiers, all workers	9.66	6.0	11.07	11.3	8.53	1.5
Group I	9.68	6.3	—	—	—	—
Cashiers	9.66	6.0	11.07	11.3	8.53	1.5
Group I	9.68	6.3	11.07	11.3	8.52	1.7

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Sales and related occupations —Continued						
Retail salespersons	\$14.00	5.3	\$17.24	2.1	\$8.56	5.0
Group I	11.38	20.7	14.40	20.6	8.56	5.0
Insurance sales agents	18.60	.6	18.60	.6	—	—
Sales representatives, wholesale and manufacturing	31.08	20.0	31.08	20.0	—	—
Group II	24.27	6.2	—	—	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	33.0	36.10	33.0	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.89	10.9	24.89	10.9	—	—
Office and administrative support occupations						
Group I	16.17	2.1	16.85	1.9	11.18	6.3
Group II	13.40	1.8	—	—	—	—
Group II	20.91	2.1	—	—	—	—
First-line supervisors/managers of office and administrative support workers	20.95	4.7	20.95	4.7	—	—
Financial clerks	16.32	4.1	16.29	3.7	16.47	12.8
Group I	13.67	3.0	—	—	—	—
Group II	20.13	4.6	—	—	—	—
Billing and posting clerks and machine operators	17.34	9.6	15.05	4.4	—	—
Bookkeeping, accounting, and auditing clerks	17.61	3.2	17.76	3.8	—	—
Group I	15.09	3.8	15.06	2.8	—	—
Group II	20.68	6.5	20.68	6.5	—	—
Tellers	13.57	.6	14.03	1.4	12.41	2.2
Group I	13.19	1.6	13.76	3.2	12.41	2.2
Customer service representatives	16.84	8.8	17.12	8.8	—	—
Group I	15.08	3.2	15.50	3.7	—	—
Group II	22.67	13.2	23.41	14.5	—	—
Interviewers, except eligibility and loan	11.96	14.8	—	—	—	—
Group I	11.29	17.9	—	—	—	—
Loan interviewers and clerks	24.90	13.9	24.90	13.9	—	—
Receptionists and information clerks	12.25	6.0	12.66	7.7	—	—
Group I	11.55	2.6	11.89	2.5	—	—
Dispatchers	21.98	17.2	21.98	17.2	—	—
Shipping, receiving, and traffic clerks	17.34	10.2	17.34	10.2	—	—
Group I	17.67	10.9	17.67	10.9	—	—
Stock clerks and order fillers	10.48	3.6	12.27	8.0	8.76	.0
Group I	9.95	4.2	11.47	6.1	8.76	.0
Secretaries and administrative assistants	19.59	3.8	19.98	3.4	—	—
Group I	15.64	7.6	—	—	—	—
Group II	21.02	3.4	—	—	—	—
Executive secretaries and administrative assistants	23.07	6.1	23.07	6.1	—	—
Group II	23.80	5.7	23.80	5.7	—	—
Secretaries, except legal, medical, and executive	16.85	4.5	17.28	2.9	—	—
Group I	15.40	8.6	16.25	4.9	—	—
Group II	18.00	3.5	17.93	3.4	—	—
Data entry and information processing workers	12.71	17.2	—	—	—	—
Insurance claims and policy processing clerks	17.73	9.1	17.73	9.1	—	—
Office clerks, general	14.60	4.4	14.74	4.8	—	—
Group I	14.26	5.0	14.34	5.8	—	—
Group II	16.27	8.0	16.27	8.0	—	—
Construction and extraction occupations						
Group I	24.40	4.0	24.40	4.0	—	—
Group II	16.81	6.7	—	—	—	—
Group II	27.30	3.9	—	—	—	—
Electricians	32.34	2.4	32.34	2.4	—	—
Group II	32.34	2.4	32.34	2.4	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	28.90	5.3	28.90	5.3	—	—
Plumbers, pipefitters, and steamfitters	28.90	5.3	28.90	5.3	—	—
Installation, maintenance, and repair occupations						
Group I	21.76	4.7	22.14	4.3	—	—
Group II	19.44	22.0	—	—	—	—
Group II	23.35	4.4	—	—	—	—
First-line supervisors/managers of mechanics, installers, and repairers	29.08	9.5	29.08	9.5	—	—
Automotive technicians and repairers	18.28	11.0	18.28	11.0	—	—

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Installation, maintenance, and repair occupations						
—Continued						
Automotive service technicians and mechanics	\$18.28	11.0	\$18.28	11.0	—	—
Bus and truck mechanics and diesel engine specialists ...	20.36	5.6	20.36	5.6	—	—
Group II	20.66	6.6	20.66	6.6	—	—
Industrial machinery installation, repair, and maintenance workers	22.98	8.7	23.59	8.4	—	—
Group II	24.85	6.8	—	—	—	—
Industrial machinery mechanics	26.60	8.4	26.60	8.4	—	—
Group II	29.08	3.3	29.08	3.3	—	—
Maintenance and repair workers, general	18.17	10.9	18.96	11.4	—	—
Group II	17.86	11.6	19.07	12.4	—	—
Miscellaneous installation, maintenance, and repair workers	19.60	25.5	19.60	25.5	—	—
Production occupations	21.98	1.9	22.22	1.8	\$12.16	14.2
Group I	21.51	2.7	—	—	—	—
Group II	24.44	2.8	—	—	—	—
First-line supervisors/managers of production and operating workers	29.42	7.5	29.42	7.5	—	—
Group II	29.41	7.0	29.41	7.0	—	—
Miscellaneous assemblers and fabricators	25.25	4.7	25.67	4.6	—	—
Group I	25.34	5.2	—	—	—	—
Computer control programmers and operators	26.20	5.6	26.20	5.6	—	—
Computer-controlled machine tool operators, metal and plastic	23.83	2.1	23.83	2.1	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	19.63	3.2	19.51	3.4	—	—
Group I	19.80	4.0	—	—	—	—
Group II	19.11	1.9	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	19.15	3.1	18.99	3.3	—	—
Group I	19.49	3.4	19.33	3.5	—	—
Machinists	20.91	5.9	20.91	5.9	—	—
Group II	22.94	7.5	22.94	7.5	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic	22.64	2.7	22.64	2.7	—	—
Group I	22.47	2.0	22.47	2.0	—	—
Tool and die makers	29.02	5.3	29.02	5.3	—	—
Group II	29.02	5.3	29.02	5.3	—	—
Welding, soldering, and brazing workers	23.58	7.3	23.58	7.3	—	—
Laundry and dry-cleaning workers	10.80	8.9	—	—	—	—
Group I	10.80	8.9	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers	21.44	5.9	22.06	6.1	—	—
Group I	20.99	12.8	20.99	12.8	—	—
Miscellaneous production workers	16.12	12.6	16.12	12.6	—	—
Group I	18.01	10.3	—	—	—	—
Transportation and material moving occupations	20.66	3.9	22.38	6.0	10.42	5.7
Group I	16.67	3.9	—	—	—	—
Group II	18.74	2.9	—	—	—	—
Bus drivers	17.19	4.1	17.65	5.2	16.36	9.5
Group I	17.03	5.2	—	—	—	—
Bus drivers, school	18.03	3.4	17.65	5.2	—	—
Group I	17.89	4.5	17.65	5.2	—	—
Driver/sales workers and truck drivers	19.26	9.1	19.65	8.1	—	—
Group I	19.53	10.9	—	—	—	—
Group II	18.57	4.6	—	—	—	—
Driver/sales workers	12.96	31.6	—	—	—	—
Group I	12.70	33.9	—	—	—	—
Truck drivers, heavy and tractor-trailer	19.90	5.5	19.90	5.5	—	—
Group I	20.42	8.6	20.42	8.6	—	—
Industrial truck and tractor operators	19.73	5.9	20.59	4.3	—	—
Group I	19.78	6.4	20.73	4.5	—	—
Laborers and material movers, hand	13.20	12.6	14.47	14.0	9.32	5.5
Group I	13.37	13.3	—	—	—	—

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Transportation and material moving occupations						
—Continued						
Laborers and freight, stock, and material movers, hand	\$13.90	15.4	\$15.97	16.2	\$9.35	5.5
Group I	14.05	16.3	16.43	16.6	9.35	5.5
Packers and packagers, hand	10.52	10.4	10.78	10.5	—	—
Group I	10.52	10.4	10.78	10.5	—	—

¹ Combined work levels simplify the presentation of work levels by combining levels 1 through 15 into four broad groups. Group I combines levels 1-4, group II combines levels 5-8, group III combines levels 9-12, and group IV combines levels 13-15.

² 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. See appendix A for more information.

³ 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.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁵ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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.

Table 6. Civilian workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$8.50	\$12.43	\$19.33	\$29.10	\$41.19
Management occupations	21.64	29.70	39.95	53.77	64.52
General and operations managers	14.56	22.22	32.30	40.00	63.50
Marketing and sales managers	16.33	29.67	41.21	49.19	54.89
Marketing managers	29.67	41.19	48.19	50.70	55.37
Computer and information systems managers	44.28	50.02	58.65	68.13	69.43
Financial managers	28.88	29.48	37.78	43.46	52.06
Industrial production managers	27.47	33.48	42.69	52.50	57.11
Education administrators	24.41	45.67	55.29	72.67	74.76
Education administrators, postsecondary	24.41	45.67	55.29	74.76	90.01
Engineering managers	45.55	54.25	55.65	58.37	81.39
Business and financial operations occupations	17.14	23.09	29.87	38.74	49.04
Buyers and purchasing agents	20.71	20.75	24.56	34.32	42.44
Purchasing agents, except wholesale, retail, and farm products	20.71	20.75	23.00	36.92	42.63
Human resources, training, and labor relations specialists	23.64	25.87	29.94	43.95	51.48
Management analysts	25.58	28.84	33.62	44.26	49.52
Accountants and auditors	19.67	24.52	26.54	31.90	50.48
Loan counselors and officers	16.50	22.03	24.62	24.62	34.85
Computer and mathematical science occupations	18.51	25.00	35.10	40.43	46.47
Computer software engineers	32.50	38.25	40.43	47.21	64.93
Computer software engineers, applications	28.88	31.36	35.59	48.08	51.67
Computer software engineers, systems software	38.25	40.43	40.43	46.04	67.18
Computer support specialists	11.17	13.19	19.34	24.92	29.65
Computer systems analysts	31.66	35.03	39.97	43.60	45.51
Network and computer systems administrators	20.00	28.88	35.10	37.86	47.05
Architecture and engineering occupations	21.37	29.57	37.83	44.39	50.91
Engineers	29.14	33.70	40.54	46.23	51.09
Electrical and electronics engineers	25.70	27.26	30.93	35.35	44.39
Industrial engineers, including health and safety	32.14	35.35	40.11	42.53	47.13
Industrial engineers	33.91	37.51	40.59	42.53	47.68
Mechanical engineers	26.25	31.61	39.50	42.53	46.51
Drafters	16.30	17.00	21.37	33.61	37.47
Engineering technicians, except drafters	16.30	18.50	23.58	30.35	35.03
Life, physical, and social science occupations	15.00	17.27	20.88	24.86	56.49
Life scientists	15.85	18.02	19.51	22.90	55.65
Community and social services occupations	13.94	15.84	20.57	27.05	30.48
Counselors	14.54	15.49	17.55	20.47	49.92
Educational, vocational, and school counselors	14.54	14.54	16.83	37.86	70.36
Social workers	15.38	20.66	24.54	30.18	31.18
Child, family, and school social workers	13.88	24.54	26.38	53.24	71.92
Mental health and substance abuse social workers	13.94	19.70	21.63	24.76	31.18
Miscellaneous community and social service specialists	12.66	13.25	15.85	18.61	19.35
Social and human service assistants	12.66	13.25	15.67	18.61	19.35
Legal occupations	19.58	41.07	57.39	60.48	85.17
Lawyers	38.46	49.19	57.69	62.22	85.56
Education, training, and library occupations	11.75	20.46	41.06	57.51	70.63
Postsecondary teachers	32.97	36.43	60.65	78.70	85.32
Math and computer teachers, postsecondary	33.01	33.01	54.86	85.32	85.32
Arts, communications, and humanities teachers, postsecondary	27.85	39.66	61.92	78.70	82.31
Primary, secondary, and special education school teachers	30.27	40.95	48.30	59.78	66.22
Elementary and middle school teachers	31.17	43.73	50.85	60.66	65.57
Elementary school teachers, except special education	30.27	43.73	48.51	60.30	64.61
Middle school teachers, except special and vocational education	37.01	48.68	57.31	61.49	70.33
Secondary school teachers	33.59	43.02	49.38	59.48	68.82
Secondary school teachers, except special and vocational education	33.59	43.02	48.53	59.30	68.82
Special education teachers	30.25	35.81	43.40	58.28	63.10

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Education, training, and library occupations —Continued					
Special education teachers, preschool, kindergarten, and elementary school	\$27.04	\$33.83	\$43.40	\$52.84	\$59.85
Other teachers and instructors	10.67	11.20	14.27	15.40	55.48
Librarians	22.26	22.40	25.74	29.02	33.31
Teacher assistants	9.75	11.00	11.75	16.01	20.20
Arts, design, entertainment, sports, and media occupations					
Designers	12.00	17.50	28.48	40.21	49.26
Writers and editors	29.31	33.19	34.23	36.93	36.93
Healthcare practitioner and technical occupations					
Pharmacists	45.86	46.36	51.00	54.75	54.75
Physicians and surgeons	22.57	25.81	125.00	151.66	178.79
Registered nurses	25.47	28.10	30.75	33.38	35.32
Therapists	12.75	22.88	26.39	37.78	60.25
Clinical laboratory technologists and technicians	18.97	21.76	25.21	28.40	33.04
Medical and clinical laboratory technologists	21.62	23.92	27.46	29.11	33.04
Diagnostic related technologists and technicians	18.92	24.00	27.37	31.89	42.86
Radiologic technologists and technicians	18.13	20.97	26.41	27.96	33.02
Health diagnosing and treating practitioner support technicians	12.20	14.20	16.00	18.13	21.48
Pharmacy technicians	12.20	12.88	14.20	15.90	17.10
Licensed practical and licensed vocational nurses	18.00	19.00	21.27	22.72	25.87
Healthcare support occupations					
Nursing, psychiatric, and home health aides	8.23	9.35	11.15	13.50	14.96
Home health aides	8.15	8.25	9.60	10.94	12.00
Nursing aides, orderlies, and attendants	10.61	11.70	13.38	14.46	15.68
Miscellaneous healthcare support occupations	10.61	11.85	14.22	16.44	17.81
Medical assistants	11.33	12.36	14.37	15.42	19.50
Protective service occupations					
Fire fighters	18.62	20.08	21.52	23.89	25.34
Bailiffs, correctional officers, and jailers	20.35	23.33	24.75	24.75	25.15
Correctional officers and jailers	20.44	23.33	24.75	24.75	25.15
Police officers	22.70	25.12	25.59	31.87	34.38
Police and sheriff's patrol officers	22.70	25.12	25.59	31.87	34.38
Security guards and gaming surveillance officers	10.00	11.19	11.50	14.25	16.97
Security guards	10.00	11.19	11.50	14.25	16.97
Miscellaneous protective service workers	9.15	10.00	11.00	16.47	18.04
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	11.59	12.85	14.42	15.00	19.38
First-line supervisors/managers of food preparation and serving workers	11.54	12.63	13.08	15.00	15.94
Cooks	7.63	9.12	11.63	12.74	14.43
Cooks, institution and cafeteria	12.16	12.51	13.81	14.43	15.16
Cooks, restaurant	7.63	8.50	11.63	11.66	12.86
Food service, tipped	2.65	2.65	2.91	5.00	7.00
Bartenders	4.00	4.00	5.00	6.25	7.40
Waiters and waitresses	2.65	2.65	2.68	2.91	6.47
Fast food and counter workers	7.40	7.40	7.50	8.37	9.90
Combined food preparation and serving workers, including fast food	7.40	7.40	7.55	8.40	9.75
Counter attendants, cafeteria, food concession, and coffee shop	7.13	7.40	7.40	7.50	11.80
Food servers, nonrestaurant	7.22	12.09	13.30	13.78	13.78
Dishwashers	7.40	7.95	8.03	8.50	8.88
Hosts and hostesses, restaurant, lounge, and coffee shop	7.19	7.40	8.00	8.60	9.63
Building and grounds cleaning and maintenance occupations					
Building cleaning workers	7.70	8.60	11.95	15.99	20.14
Janitors and cleaners, except maids and housekeeping cleaners	8.00	8.97	12.00	15.87	20.14
Maids and housekeeping cleaners	7.70	8.00	8.60	16.35	24.35

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Building and grounds cleaning and maintenance occupations –Continued					
Grounds maintenance workers	\$8.00	\$9.00	\$11.50	\$12.00	\$20.12
Landscaping and groundskeeping workers	8.00	9.00	11.50	12.00	20.12
Personal care and service occupations					
Miscellaneous entertainment attendants and related workers	7.40	7.54	9.17	10.35	10.35
Child care workers	7.67	8.50	10.00	13.00	18.75
Recreation and fitness workers	7.65	9.00	11.88	17.31	22.43
Sales and related occupations					
First-line supervisors/managers, sales workers	14.82	15.13	24.23	26.06	50.82
First-line supervisors/managers of retail sales workers	14.47	15.13	16.15	24.23	24.80
Retail sales workers	7.40	8.00	10.40	14.47	17.30
Cashiers, all workers	7.40	7.53	9.00	11.00	12.75
Cashiers	7.40	7.53	9.00	11.00	12.75
Retail salespersons	7.41	9.00	11.60	15.85	21.50
Insurance sales agents	14.42	15.46	17.40	18.95	26.97
Sales representatives, wholesale and manufacturing	19.16	19.95	25.97	26.86	36.06
Sales representatives, wholesale and manufacturing, technical and scientific products	19.95	24.27	25.42	26.43	38.64
Sales representatives, wholesale and manufacturing, except technical and scientific products	18.87	19.16	26.44	26.86	32.07
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	18.35	20.05	20.05	20.05	28.39
Financial clerks	11.33	13.00	15.20	19.07	23.08
Billing and posting clerks and machine operators	12.00	13.16	16.04	23.67	23.67
Bookkeeping, accounting, and auditing clerks	13.05	14.76	16.50	19.82	24.28
Tellers	10.50	12.10	13.00	15.00	16.52
Customer service representatives	10.82	13.80	15.81	18.00	27.32
Interviewers, except eligibility and loan	8.00	8.27	11.65	15.50	16.38
Loan interviewers and clerks	16.71	19.30	21.55	23.87	33.62
Receptionists and information clerks	9.96	11.50	11.50	12.50	15.00
Dispatchers	16.46	16.46	20.30	27.69	33.18
Shipping, receiving, and traffic clerks	10.43	13.68	14.89	20.88	28.12
Stock clerks and order fillers	7.60	8.07	9.50	11.51	14.43
Secretaries and administrative assistants	13.06	15.87	18.26	22.28	28.00
Executive secretaries and administrative assistants	15.63	17.76	22.28	28.00	32.75
Secretaries, except legal, medical, and executive	12.67	14.39	17.32	19.25	20.79
Data entry and information processing workers	8.25	10.57	10.77	14.00	20.68
Insurance claims and policy processing clerks	10.00	12.35	19.67	23.05	25.41
Office clerks, general	10.50	12.92	14.48	16.00	19.24
Construction and extraction occupations					
Electricians	27.88	32.73	32.83	33.90	34.19
Pipelayers, plumbers, pipefitters, and steamfitters	18.58	28.27	30.67	32.58	33.54
Plumbers, pipefitters, and steamfitters	18.58	28.27	30.67	32.58	33.54
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	21.09	21.09	31.55	32.88	39.50
Automotive technicians and repairers	11.01	14.00	20.00	21.00	22.63
Automotive service technicians and mechanics	11.01	14.00	20.00	21.00	22.63
Bus and truck mechanics and diesel engine specialists	16.51	18.85	19.60	23.55	24.87
Industrial machinery installation, repair, and maintenance workers	11.35	14.53	24.50	32.42	33.64
Industrial machinery mechanics	12.00	23.94	26.45	33.31	33.72
Maintenance and repair workers, general	11.35	14.13	15.50	24.15	26.63
Miscellaneous installation, maintenance, and repair workers	9.78	9.78	20.41	28.27	29.68
Production occupations					
First-line supervisors/managers of production and operating workers	19.95	20.65	31.35	34.82	36.65
Miscellaneous assemblers and fabricators	11.00	26.66	28.71	28.88	29.39
Computer control programmers and operators	18.70	21.00	26.80	32.35	32.35

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Production occupations —Continued					
Computer-controlled machine tool operators, metal and plastic	\$18.70	\$20.25	\$23.25	\$28.43	\$29.19
Machine tool cutting setters, operators, and tenders, metal and plastic	11.23	14.19	20.97	24.64	29.40
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	10.25	14.19	16.16	24.64	29.40
Machinists	14.00	18.51	19.67	24.00	28.76
Multiple machine tool setters, operators, and tenders, metal and plastic	15.28	16.45	22.50	28.33	28.76
Tool and die makers	21.53	27.30	27.85	32.83	33.63
Welding, soldering, and brazing workers	17.50	17.50	28.38	28.79	29.04
Laundry and dry-cleaning workers	8.48	8.48	10.53	11.70	14.00
Inspectors, testers, sorters, samplers, and weighers	12.35	17.55	20.00	28.77	32.72
Miscellaneous production workers	8.50	11.20	16.98	18.95	22.32
Transportation and material moving occupations					
Bus drivers	8.15	10.92	16.66	21.00	28.91
Bus drivers, school	12.14	14.42	18.55	19.66	21.15
Bus drivers, school	13.95	16.55	19.00	19.66	21.35
Driver/sales workers and truck drivers	8.50	14.93	19.22	22.22	29.05
Driver/sales workers	7.40	7.40	8.00	17.50	20.22
Truck drivers, heavy and tractor-trailer	13.94	16.55	19.22	21.43	30.26
Industrial truck and tractor operators	10.50	14.22	18.38	28.20	28.91
Laborers and material movers, hand	7.50	8.80	10.92	14.97	21.00
Laborers and freight, stock, and material movers, hand	7.50	9.00	10.76	19.56	28.64
Packers and packagers, hand	7.40	8.00	10.67	13.00	13.52

¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 7. Private industry workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$8.22	\$11.61	\$18.43	\$28.88	\$39.34
Management occupations	21.47	29.67	37.78	52.50	63.50
General and operations managers	14.56	22.22	32.30	40.00	63.50
Marketing and sales managers	16.33	29.67	41.21	49.19	54.89
Marketing managers	29.67	41.19	48.19	50.70	55.37
Computer and information systems managers	44.28	52.75	58.65	69.43	69.43
Financial managers	28.88	29.48	37.78	39.21	43.46
Industrial production managers	27.47	33.48	42.69	52.50	57.11
Engineering managers	44.34	55.65	58.17	61.21	81.39
Business and financial operations occupations	16.83	23.51	30.49	39.56	49.62
Buyers and purchasing agents	20.71	20.75	26.92	36.92	42.81
Purchasing agents, except wholesale, retail, and farm products	20.71	20.71	24.56	38.03	45.31
Human resources, training, and labor relations specialists	23.64	25.87	29.94	43.95	51.48
Management analysts	25.58	28.84	33.62	44.26	49.52
Accountants and auditors	23.70	25.48	28.85	32.69	51.36
Computer and mathematical science occupations	17.66	25.00	35.10	40.43	47.05
Computer software engineers	32.50	38.25	40.43	47.21	64.93
Computer software engineers, applications	28.88	31.36	35.59	48.08	51.67
Computer software engineers, systems software	38.25	40.43	40.43	46.04	67.18
Computer support specialists	10.71	13.19	18.94	25.00	30.14
Computer systems analysts	31.66	33.99	40.58	44.03	45.81
Network and computer systems administrators	20.00	28.88	35.10	37.86	45.67
Architecture and engineering occupations	21.37	29.75	38.27	44.39	50.91
Engineers	28.85	34.01	40.56	46.39	51.21
Electrical and electronics engineers	25.70	27.26	30.93	35.35	44.39
Industrial engineers, including health and safety	32.14	35.35	40.11	42.53	47.13
Industrial engineers	33.91	37.51	40.59	42.53	47.68
Mechanical engineers	26.25	31.61	39.50	42.53	46.51
Drafters	16.30	17.00	21.37	33.61	37.47
Engineering technicians, except drafters	16.30	18.50	24.36	31.08	35.41
Life, physical, and social science occupations	15.00	15.00	21.68	28.37	79.20
Community and social services occupations	13.94	15.67	19.50	22.57	30.18
Counselors	14.54	15.02	16.83	20.47	20.47
Social workers	15.38	19.70	20.86	30.18	30.48
Miscellaneous community and social service specialists	12.66	13.25	15.67	17.00	19.35
Legal occupations	19.58	45.85	57.69	62.22	85.56
Education, training, and library occupations	9.92	11.75	15.75	32.89	41.85
Postsecondary teachers	17.77	33.78	39.26	85.32	85.32
Teacher assistants	9.27	9.92	11.75	11.75	12.26
Arts, design, entertainment, sports, and media occupations	17.50	19.96	30.00	39.65	52.73
Designers	12.00	17.50	28.48	40.21	49.26
Writers and editors	29.31	33.19	34.23	36.93	36.93
Healthcare practitioner and technical occupations	18.00	22.34	28.96	33.97	55.00
Pharmacists	45.86	46.36	51.00	54.75	54.75
Registered nurses	26.00	28.19	31.00	33.30	35.32
Therapists	12.75	22.09	26.33	36.60	38.00
Clinical laboratory technologists and technicians	20.50	22.25	26.10	28.45	33.04
Medical and clinical laboratory technologists	21.62	23.92	27.46	29.11	33.04
Diagnostic related technologists and technicians	18.13	22.70	26.55	34.09	42.86
Radiologic technologists and technicians	18.13	19.63	25.13	28.20	34.09
Health diagnosing and treating practitioner support technicians	12.20	14.20	16.00	18.26	21.48
Pharmacy technicians	12.20	12.88	14.20	15.90	17.10
Licensed practical and licensed vocational nurses	18.00	19.08	21.27	23.00	26.00
Healthcare support occupations	8.35	9.69	12.00	14.22	16.00
Nursing, psychiatric, and home health aides	8.23	9.35	11.00	13.26	14.66

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Healthcare support occupations –Continued					
Home health aides	\$8.15	\$8.25	\$9.60	\$10.94	\$12.00
Nursing aides, orderlies, and attendants	10.51	11.60	13.25	14.35	15.60
Miscellaneous healthcare support occupations	10.38	11.85	14.22	16.44	17.49
Medical assistants	11.33	12.36	14.37	15.42	19.50
Protective service occupations					
Security guards and gaming surveillance officers	10.25	11.19	11.19	14.09	17.09
Security guards	11.00	11.19	11.19	14.09	17.09
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	2.70	6.50	7.50	9.30	12.74
First-line supervisors/managers of food preparation and serving workers	11.59	12.85	14.42	15.00	19.38
Cooks	11.54	12.63	13.08	15.00	15.94
Cooks, restaurant	7.63	9.12	11.63	12.69	13.81
Food service, tipped	7.63	8.50	11.63	11.66	12.86
Bartenders	2.65	2.65	2.90	5.00	7.00
Waiters and waitresses	4.00	4.00	5.00	6.25	7.40
Fast food and counter workers	2.65	2.65	2.68	2.91	6.47
Combined food preparation and serving workers, including fast food	7.40	7.40	7.50	8.37	9.55
Counter attendants, cafeteria, food concession, and coffee shop	7.40	7.40	7.55	8.40	9.60
Dishwashers	7.13	7.40	7.40	7.50	8.50
Hosts and hostesses, restaurant, lounge, and coffee shop	7.40	7.95	8.03	8.50	8.88
Hosts and hostesses, restaurant, lounge, and coffee shop	7.19	7.40	8.00	8.60	9.63
Building and grounds cleaning and maintenance occupations					
Building cleaning workers	7.70	8.16	10.00	13.06	16.35
Janitors and cleaners, except maids and housekeeping cleaners	7.70	8.16	9.65	13.06	16.35
Maids and housekeeping cleaners	7.70	8.33	10.20	12.75	15.41
Grounds maintenance workers	7.70	8.00	8.60	16.35	24.35
Landscaping and groundskeeping workers	8.00	9.00	10.00	12.00	15.00
Personal care and service occupations					
Miscellaneous entertainment attendants and related workers	5.15	7.40	9.99	11.88	21.17
Child care workers	7.40	7.54	9.17	10.35	10.35
Child care workers	7.50	8.50	9.50	10.00	13.00
Sales and related occupations					
First-line supervisors/managers, sales workers	7.60	9.78	14.44	24.23	36.00
First-line supervisors/managers of retail sales workers	14.82	15.13	24.23	26.06	50.82
Retail sales workers	14.47	15.13	16.15	24.23	24.80
Cashiers, all workers	7.40	8.00	10.40	14.47	17.30
Cashiers	7.40	7.50	9.00	10.90	12.69
Retail salespersons	7.40	7.50	9.00	10.90	12.69
Insurance sales agents	7.41	9.00	11.60	15.85	21.50
Sales representatives, wholesale and manufacturing	14.42	15.46	17.40	18.95	26.97
Sales representatives, wholesale and manufacturing, technical and scientific products	19.16	19.95	25.97	26.86	36.06
Sales representatives, wholesale and manufacturing, except technical and scientific products	19.95	24.27	25.42	26.43	38.64
Sales representatives, wholesale and manufacturing, except technical and scientific products	18.87	19.16	26.44	26.86	32.07
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	9.94	11.54	14.76	19.00	23.22
Financial clerks	18.35	20.05	20.05	20.05	28.39
Billing and posting clerks and machine operators	11.07	12.66	15.00	19.00	23.08
Bookkeeping, accounting, and auditing clerks	12.00	13.16	16.04	23.67	23.67
Tellers	13.05	14.76	16.38	19.59	24.28
Customer service representatives	10.50	12.10	12.82	14.67	16.52
Interviewers, except eligibility and loan	10.30	13.64	15.90	18.00	27.32
Loan interviewers and clerks	8.00	8.27	11.65	15.50	16.38
Receptionists and information clerks	16.71	19.30	21.55	23.87	33.62
Shipping, receiving, and traffic clerks	9.10	10.80	11.50	12.50	15.00
Shipping, receiving, and traffic clerks	10.43	13.68	14.89	20.88	28.12

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Office and administrative support occupations					
—Continued					
Stock clerks and order fillers	\$7.60	\$8.07	\$9.50	\$11.51	\$14.43
Secretaries and administrative assistants	13.00	15.63	18.03	23.64	28.80
Executive secretaries and administrative assistants	15.87	17.76	24.06	28.67	33.87
Secretaries, except legal, medical, and executive	10.00	13.06	16.91	18.51	20.00
Insurance claims and policy processing clerks	10.00	12.35	19.67	23.05	25.41
Office clerks, general	10.50	12.15	14.24	15.25	16.46
Construction and extraction occupations					
Electricians	14.00	16.92	24.97	32.58	33.23
Pipelayers, plumbers, pipefitters, and steamfitters	32.73	32.73	33.23	33.90	34.19
Plumbers, pipefitters, and steamfitters	24.97	29.63	30.67	32.58	33.54
Plumbers, pipefitters, and steamfitters	24.97	29.63	30.67	32.58	33.54
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	10.00	14.53	21.09	28.51	32.87
Automotive technicians and repairers	21.09	21.09	31.55	33.65	39.50
Automotive service technicians and mechanics	10.00	13.85	20.00	21.00	22.00
Bus and truck mechanics and diesel engine specialists	10.00	13.85	20.00	21.00	22.00
Bus and truck mechanics and diesel engine specialists	14.88	18.85	19.60	22.08	24.87
Industrial machinery installation, repair, and maintenance workers	14.88	18.85	19.60	22.08	24.87
Industrial machinery mechanics	11.35	14.53	23.94	32.73	33.64
Industrial machinery mechanics	12.00	23.94	26.45	33.31	33.72
Maintenance and repair workers, general	11.00	14.00	14.57	22.37	24.65
Production occupations					
First-line supervisors/managers of production and operating workers	10.27	15.20	22.22	28.77	29.48
Miscellaneous assemblers and fabricators	19.95	20.65	31.35	34.82	36.65
Computer control programmers and operators	11.00	26.66	28.71	28.88	29.39
Computer-controlled machine tool operators, metal and plastic	18.70	21.00	26.80	32.35	32.35
Machine tool cutting setters, operators, and tenders, metal and plastic	18.70	20.25	23.25	28.43	29.19
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	11.23	14.19	20.97	24.64	29.40
Machinists	10.25	14.19	16.16	24.64	29.40
Multiple machine tool setters, operators, and tenders, metal and plastic	14.00	18.51	19.67	24.00	28.76
Tool and die makers	15.28	16.45	22.50	28.33	28.76
Welding, soldering, and brazing workers	21.53	27.30	27.85	32.83	33.63
Laundry and dry-cleaning workers	17.50	17.50	28.38	28.79	29.04
Inspectors, testers, sorters, samplers, and weighers	8.48	8.48	10.53	11.70	14.00
Miscellaneous production workers	12.35	17.55	20.00	28.77	32.72
Miscellaneous production workers	8.50	11.20	16.98	18.95	22.32
Transportation and material moving occupations					
Driver/sales workers and truck drivers	8.00	10.71	16.66	21.43	28.93
Driver/sales workers	8.50	14.93	19.22	22.22	29.05
Truck drivers, heavy and tractor-trailer	7.40	7.40	8.00	17.50	20.22
Industrial truck and tractor operators	13.94	16.55	19.22	21.43	30.26
Laborers and material movers, hand	10.50	14.22	18.38	28.20	28.91
Laborers and freight, stock, and material movers, hand	7.50	8.80	10.92	14.97	21.00
Packers and packagers, hand	7.50	9.00	10.76	19.56	28.64
Packers and packagers, hand	7.40	8.00	10.67	13.00	13.52

¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 8. State and local government workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$13.80	\$17.58	\$23.83	\$36.00	\$57.09
Management occupations	23.77	32.60	50.02	55.29	74.76
Education administrators	45.67	47.74	55.46	74.76	74.76
Business and financial operations occupations	20.41	23.00	24.62	29.09	31.71
Computer and mathematical science occupations	20.60	26.32	32.60	37.28	40.64
Life, physical, and social science occupations	15.87	17.79	20.82	24.18	49.06
Community and social services occupations	23.48	24.54	28.25	52.99	71.92
Social workers	24.54	24.54	26.38	52.99	62.93
Child, family, and school social workers	24.54	25.00	35.57	58.81	71.92
Education, training, and library occupations	15.53	29.20	44.98	59.82	70.96
Postsecondary teachers	33.01	43.61	62.45	78.70	81.04
Arts, communications, and humanities teachers, postsecondary	27.31	52.40	68.59	78.70	90.34
Primary, secondary, and special education school teachers	35.32	43.02	50.73	60.66	68.02
Elementary and middle school teachers	38.75	43.73	52.95	60.76	66.74
Elementary school teachers, except special education	39.07	43.73	52.77	60.66	66.22
Middle school teachers, except special and vocational education	37.01	48.68	57.31	61.49	70.33
Secondary school teachers	39.61	43.02	50.42	60.56	70.36
Secondary school teachers, except special and vocational education	39.43	43.02	50.41	60.03	68.82
Special education teachers	30.25	35.81	43.40	58.28	63.10
Special education teachers, preschool, kindergarten, and elementary school	27.04	33.83	43.40	52.84	59.85
Other teachers and instructors	10.67	11.20	14.27	15.40	55.48
Librarians	22.26	22.40	25.74	29.02	33.31
Teacher assistants	11.53	14.64	15.47	17.95	20.69
Healthcare practitioner and technical occupations	17.26	24.48	27.36	30.56	38.90
Registered nurses	24.48	27.11	29.40	36.87	38.90
Protective service occupations	16.97	21.25	24.44	26.45	32.69
Fire fighters	18.62	20.08	21.52	23.89	25.34
Bailiffs, correctional officers, and jailers	20.35	23.33	24.75	24.75	25.15
Correctional officers and jailers	20.44	23.33	24.75	24.75	25.15
Police officers	22.70	25.12	25.59	31.87	34.38
Police and sheriff's patrol officers	22.70	25.12	25.59	31.87	34.38
Miscellaneous protective service workers	9.21	13.70	16.47	17.43	20.70
Food preparation and serving related occupations	7.33	11.87	13.78	13.78	18.16
Building and grounds cleaning and maintenance occupations	10.94	13.81	15.99	19.00	21.07
Building cleaning workers	11.95	14.34	15.99	18.36	20.48
Janitors and cleaners, except maids and housekeeping cleaners	11.95	14.34	15.99	18.36	20.48
Personal care and service occupations	8.15	10.57	14.73	19.55	22.53
Child care workers	8.15	9.48	14.23	18.75	19.55
Office and administrative support occupations	12.92	14.76	17.58	20.79	23.43
Financial clerks	13.47	15.72	19.28	21.94	27.93
Secretaries and administrative assistants	14.70	16.15	18.84	20.87	25.06
Executive secretaries and administrative assistants	15.09	17.33	21.29	22.28	25.06
Secretaries, except legal, medical, and executive	14.39	15.79	17.54	20.32	20.87
Office clerks, general	12.92	13.00	16.42	19.80	20.63
Construction and extraction occupations	17.35	19.83	23.21	28.51	32.83
Installation, maintenance, and repair occupations	16.00	18.31	24.55	27.75	27.75
Industrial machinery installation, repair, and maintenance workers	15.55	18.26	25.60	27.75	27.75

See footnotes at end of table.

Table 8. **State and local government workers: Hourly wage percentiles¹, Detroit-Warren-Flint, MI CSA, May 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Installation, maintenance, and repair occupations —Continued					
Maintenance and repair workers, general	\$15.55	\$18.26	\$25.60	\$27.75	\$27.75
Transportation and material moving occupations	12.24	13.85	17.41	19.66	21.15
Bus drivers	12.14	13.95	18.56	19.66	21.15
Bus drivers, school	13.95	14.81	19.00	19.66	21.44

¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
All workers	\$10.40	\$14.35	\$20.76	\$30.03	\$43.40
Management occupations	21.48	29.70	38.97	52.89	63.50
General and operations managers	14.56	22.22	32.30	40.00	63.50
Marketing and sales managers	16.33	29.67	41.21	49.19	54.89
Marketing managers	29.67	41.19	48.19	50.70	55.37
Computer and information systems managers	44.28	50.02	58.65	68.13	69.43
Financial managers	28.88	29.48	37.78	43.46	52.06
Industrial production managers	27.47	33.48	42.69	52.50	57.11
Education administrators	24.41	45.67	55.29	65.83	74.76
Engineering managers	45.55	54.25	55.65	58.37	81.39
Business and financial operations occupations	17.31	23.51	29.91	39.07	49.57
Buyers and purchasing agents	20.71	20.75	24.56	34.32	42.44
Purchasing agents, except wholesale, retail, and farm products	20.71	20.75	23.00	36.92	42.63
Human resources, training, and labor relations specialists	23.91	25.87	29.94	43.95	51.48
Management analysts	25.58	28.84	33.62	44.26	49.52
Accountants and auditors	19.67	24.52	26.54	31.90	50.78
Loan counselors and officers	16.50	22.03	24.62	24.62	34.85
Computer and mathematical science occupations	19.57	25.84	35.53	40.43	47.05
Computer software engineers	32.50	38.25	40.43	47.21	64.93
Computer software engineers, applications	28.88	31.36	35.59	48.08	51.67
Computer software engineers, systems software	38.25	40.43	40.43	46.04	67.18
Computer support specialists	12.71	17.66	20.29	25.21	30.29
Computer systems analysts	31.66	35.03	39.97	43.60	45.51
Network and computer systems administrators	20.00	28.88	35.10	37.86	47.05
Architecture and engineering occupations	21.37	29.57	38.31	44.43	50.91
Engineers	29.05	33.66	40.56	46.34	51.09
Electrical and electronics engineers	25.70	27.26	30.93	35.35	44.39
Industrial engineers, including health and safety	32.14	36.19	40.59	42.53	47.13
Mechanical engineers	26.25	31.61	39.50	42.53	46.51
Engineering technicians, except drafters	16.30	18.50	24.85	30.78	35.31
Life, physical, and social science occupations	15.71	18.03	22.07	26.88	67.31
Community and social services occupations	13.94	16.83	20.66	28.89	32.72
Counselors	14.54	15.14	16.83	20.47	49.92
Educational, vocational, and school counselors	14.54	14.54	16.83	37.86	70.36
Social workers	17.82	20.86	24.54	30.48	32.72
Child, family, and school social workers	13.88	24.54	26.38	53.24	71.92
Medical and public health social workers	20.57	20.86	28.89	30.48	30.48
Legal occupations	19.58	41.07	57.39	60.48	85.17
Lawyers	38.46	49.19	57.69	62.22	85.56
Education, training, and library occupations	12.47	22.26	43.02	58.81	70.96
Postsecondary teachers	33.01	39.66	67.48	78.70	85.32
Primary, secondary, and special education school teachers	30.63	41.04	48.83	59.82	66.22
Elementary and middle school teachers	31.78	43.73	51.07	60.66	65.57
Elementary school teachers, except special education	30.63	43.73	49.23	60.56	64.83
Middle school teachers, except special and vocational education	37.01	48.68	57.31	61.49	70.33
Secondary school teachers	33.59	43.02	50.41	59.78	68.82
Secondary school teachers, except special and vocational education	33.59	43.02	49.94	59.48	68.82
Special education teachers	30.25	35.81	43.40	58.28	63.10
Special education teachers, preschool, kindergarten, and elementary school	27.04	33.83	43.40	52.84	59.85
Librarians	22.26	22.40	25.74	29.02	33.31
Teacher assistants	9.92	11.75	11.75	17.11	20.46

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Arts, design, entertainment, sports, and media occupations	\$17.50	\$19.96	\$29.31	\$38.46	\$52.99
Designers	12.00	17.50	28.48	40.21	49.26
Healthcare practitioner and technical occupations	16.43	21.55	27.96	33.04	54.75
Physicians and surgeons	22.55	25.81	114.17	150.00	189.55
Registered nurses	25.19	28.62	30.75	33.30	35.32
Therapists	12.75	22.88	26.39	37.96	60.76
Clinical laboratory technologists and technicians	20.05	22.25	27.30	28.45	33.04
Medical and clinical laboratory technologists	21.62	23.92	27.46	29.11	33.04
Diagnostic related technologists and technicians	19.59	24.00	26.45	28.20	33.02
Radiologic technologists and technicians	19.55	24.23	26.45	27.96	34.09
Health diagnosing and treating practitioner support technicians	12.20	14.20	16.00	18.13	21.48
Pharmacy technicians	12.20	12.88	14.20	15.90	17.10
Licensed practical and licensed vocational nurses	18.00	19.00	21.27	22.72	26.00
Healthcare support occupations	8.50	9.94	12.00	14.43	16.28
Nursing, psychiatric, and home health aides	8.25	9.35	11.19	13.46	14.87
Nursing aides, orderlies, and attendants	11.00	12.18	13.50	14.55	15.77
Miscellaneous healthcare support occupations	11.00	12.04	14.62	16.50	17.08
Protective service occupations	11.19	14.15	22.40	25.59	32.69
Fire fighters	20.08	21.22	21.52	23.92	25.34
Bailiffs, correctional officers, and jailers	20.35	23.33	24.75	24.75	25.15
Correctional officers and jailers	20.44	23.33	24.75	24.75	25.15
Police officers	22.70	25.12	25.59	31.87	34.38
Police and sheriff's patrol officers	22.70	25.12	25.59	31.87	34.38
Security guards and gaming surveillance officers	11.19	11.19	12.00	15.10	17.09
Security guards	11.19	11.19	12.00	15.10	17.09
Food preparation and serving related occupations	2.95	5.00	8.88	12.69	14.42
First-line supervisors/managers, food preparation and serving workers	11.59	12.85	14.56	15.10	19.38
First-line supervisors/managers of food preparation and serving workers	11.54	12.63	13.08	15.00	15.94
Cooks	7.63	10.30	11.63	12.86	14.43
Cooks, restaurant	7.63	7.63	11.63	12.48	12.86
Food service, tipped	2.65	2.75	3.56	5.00	6.76
Bartenders	3.56	4.00	5.00	5.00	6.33
Waiters and waitresses	2.65	2.70	2.80	3.56	7.00
Fast food and counter workers	7.40	8.25	9.40	10.60	13.28
Combined food preparation and serving workers, including fast food	7.40	8.25	9.40	10.48	11.35
Building and grounds cleaning and maintenance occupations	7.75	9.00	12.65	16.00	21.07
Building cleaning workers	7.70	9.00	12.75	16.00	20.55
Janitors and cleaners, except maids and housekeeping cleaners	8.75	10.78	13.47	16.82	20.25
Maids and housekeeping cleaners	7.70	7.75	8.16	13.25	24.35
Personal care and service occupations	3.65	5.15	10.50	16.15	22.17
Child care workers	7.50	9.50	10.50	14.73	19.55
Sales and related occupations	10.22	12.76	17.00	26.06	39.86
First-line supervisors/managers, sales workers	14.82	15.31	24.23	26.06	52.45
First-line supervisors/managers of retail sales workers	14.84	15.31	17.80	24.23	24.80
Retail sales workers	9.55	10.45	12.98	17.00	24.31
Cashiers, all workers	7.60	9.50	10.50	12.35	14.80
Cashiers	7.60	9.50	10.50	12.35	14.80
Retail salespersons	10.40	11.69	14.70	17.81	28.58
Insurance sales agents	14.42	15.46	17.40	18.95	26.97
Sales representatives, wholesale and manufacturing	19.16	19.95	25.97	26.86	36.06
Sales representatives, wholesale and manufacturing, technical and scientific products	19.95	24.27	25.42	26.43	38.64

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Sales and related occupations –Continued					
Sales representatives, wholesale and manufacturing, except technical and scientific products	\$18.87	\$19.16	\$26.44	\$26.86	\$32.07
Office and administrative support occupations	11.05	13.00	15.79	20.05	23.80
First-line supervisors/managers of office and administrative support workers	18.35	20.05	20.05	20.05	28.39
Financial clerks	11.40	13.25	15.35	19.07	21.94
Billing and posting clerks and machine operators	12.00	12.66	14.36	17.50	19.00
Bookkeeping, accounting, and auditing clerks	13.54	15.00	16.50	19.82	24.28
Tellers	11.51	12.66	13.97	15.72	16.52
Customer service representatives	11.50	13.93	15.74	18.04	27.32
Loan interviewers and clerks	16.71	19.30	21.55	23.87	33.62
Receptionists and information clerks	10.00	11.50	11.50	12.71	15.36
Dispatchers	16.46	16.46	20.30	27.69	33.18
Shipping, receiving, and traffic clerks	10.43	13.68	14.89	20.88	28.12
Stock clerks and order fillers	8.47	9.93	11.50	13.80	18.25
Secretaries and administrative assistants	14.39	16.31	18.26	22.40	28.00
Executive secretaries and administrative assistants	15.63	17.76	22.28	28.00	32.75
Secretaries, except legal, medical, and executive	13.06	15.00	17.44	19.11	20.74
Insurance claims and policy processing clerks	10.00	12.35	19.67	23.05	25.41
Office clerks, general	10.77	12.92	14.50	16.00	19.38
Construction and extraction occupations	15.00	17.00	24.79	32.42	32.98
Electricians	27.88	32.73	32.83	33.90	34.19
Pipelayers, plumbers, pipefitters, and steamfitters	18.58	28.27	30.67	32.58	33.54
Plumbers, pipefitters, and steamfitters	18.58	28.27	30.67	32.58	33.54
Installation, maintenance, and repair occupations	11.01	16.00	22.00	28.27	32.87
First-line supervisors/managers of mechanics, installers, and repairers	21.09	21.09	31.55	32.88	39.50
Automotive technicians and repairers	11.01	14.00	20.00	21.00	22.63
Automotive service technicians and mechanics	11.01	14.00	20.00	21.00	22.63
Bus and truck mechanics and diesel engine specialists	16.51	18.85	19.60	23.55	24.87
Industrial machinery installation, repair, and maintenance workers	12.00	15.00	24.65	32.58	33.64
Industrial machinery mechanics	12.00	23.94	26.45	33.31	33.72
Maintenance and repair workers, general	12.75	14.53	18.31	24.65	26.63
Miscellaneous installation, maintenance, and repair workers	9.78	9.78	20.41	28.27	29.68
Production occupations	10.50	15.69	22.22	28.79	29.48
First-line supervisors/managers of production and operating workers	19.95	20.65	31.35	34.82	36.65
Miscellaneous assemblers and fabricators	13.30	27.91	28.71	28.88	29.39
Computer control programmers and operators	18.70	21.00	26.80	32.35	32.35
Computer-controlled machine tool operators, metal and plastic	18.70	20.25	23.25	28.43	29.19
Machine tool cutting setters, operators, and tenders, metal and plastic	11.20	14.19	20.97	22.22	29.40
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	10.00	14.19	15.32	22.22	29.40
Machinists	14.00	18.51	19.67	24.00	28.76
Multiple machine tool setters, operators, and tenders, metal and plastic	15.28	16.45	22.50	28.33	28.76
Tool and die makers	21.53	27.30	27.85	32.83	33.63
Welding, soldering, and brazing workers	17.50	17.50	28.38	28.79	29.04
Inspectors, testers, sorters, samplers, and weighers	12.35	17.55	20.00	28.77	32.72
Miscellaneous production workers	8.50	11.20	16.98	18.95	22.32
Transportation and material moving occupations	9.50	12.95	18.43	22.85	29.02
Bus drivers	13.30	14.42	18.55	19.75	21.15
Bus drivers, school	13.30	14.42	18.55	19.75	21.15
Driver/sales workers and truck drivers	10.00	14.93	19.22	22.22	29.05
Truck drivers, heavy and tractor-trailer	13.94	16.55	19.22	21.43	30.26
Industrial truck and tractor operators	10.30	14.50	19.45	28.48	28.93
Laborers and material movers, hand	8.00	10.00	12.50	19.56	28.64

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Transportation and material moving occupations —Continued					
Laborers and freight, stock, and material movers, hand	\$8.50	\$10.02	\$13.40	\$20.83	\$28.69
Packers and packagers, hand	7.40	8.00	11.22	13.00	13.52

¹ 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.

² Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 10. Part-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
All workers	\$7.40	\$7.50	\$9.25	\$13.70	\$27.00
Business and financial operations occupations	14.90	16.25	28.41	34.12	34.12
Community and social services occupations	15.38	15.38	20.00	27.00	29.00
Education, training, and library occupations	10.00	11.00	14.93	20.83	36.67
Postsecondary teachers	19.98	22.95	26.96	30.00	41.13
Other teachers and instructors	10.67	11.20	13.83	15.40	20.83
Teacher assistants	9.28	10.50	11.00	14.75	17.16
Arts, design, entertainment, sports, and media occupations	18.75	18.75	21.58	36.27	43.70
Healthcare practitioner and technical occupations	21.20	27.00	32.50	38.90	53.74
Registered nurses	26.36	27.00	31.07	33.97	37.15
Healthcare support occupations	8.25	10.25	12.00	14.17	16.00
Nursing, psychiatric, and home health aides	8.23	8.52	10.90	13.50	15.62
Nursing aides, orderlies, and attendants	10.30	10.90	12.95	14.00	15.22
Protective service occupations	9.21	10.00	10.00	12.52	14.38
Food preparation and serving related occupations	2.65	7.10	7.40	8.00	9.42
Cooks	7.40	8.50	10.00	11.66	13.52
Cooks, restaurant	8.50	9.00	10.00	11.66	11.66
Food service, tipped	2.65	2.65	2.68	6.00	7.40
Waiters and waitresses	2.65	2.65	2.65	2.76	6.47
Fast food and counter workers	7.25	7.40	7.45	7.80	8.90
Combined food preparation and serving workers, including fast food	7.40	7.40	7.50	8.00	8.90
Counter attendants, cafeteria, food concession, and coffee shop	7.13	7.40	7.40	7.40	8.00
Hosts and hostesses, restaurant, lounge, and coffee shop	7.19	7.40	7.40	8.50	9.63
Building and grounds cleaning and maintenance occupations	8.00	8.00	8.97	11.00	16.35
Building cleaning workers	8.00	8.00	8.75	12.00	16.35
Janitors and cleaners, except maids and housekeeping cleaners	7.80	8.00	8.67	9.60	12.00
Personal care and service occupations	7.54	8.15	9.90	10.35	15.70
Miscellaneous entertainment attendants and related workers	7.40	7.54	9.17	10.35	10.35
Child care workers	7.75	8.15	9.17	10.00	10.73
Sales and related occupations	7.40	7.41	8.20	9.50	11.14
Retail sales workers	7.40	7.40	7.90	9.25	10.75
Cashiers, all workers	7.40	7.40	7.65	9.00	11.50
Cashiers	7.40	7.40	7.65	9.00	11.50
Retail salespersons	7.40	7.41	8.00	9.25	10.01
Office and administrative support occupations	7.90	8.11	9.94	12.00	16.07
Financial clerks	10.50	12.00	13.65	23.67	25.38
Tellers	10.10	10.50	12.10	14.08	15.04
Stock clerks and order fillers	7.40	7.74	8.11	9.50	10.60
Production occupations	8.50	8.75	10.63	11.00	24.64
Transportation and material moving occupations	7.40	7.61	9.74	11.75	14.25

See footnotes at end of table.

Table 10. **Part-time¹ civilian workers: Hourly wage percentiles², Detroit-Warren-Flint, MI CSA, May 2009** — Continued

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
Transportation and material moving occupations					
—Continued					
Bus drivers	\$11.00	\$11.75	\$17.69	\$19.66	\$19.66
Laborers and material movers, hand	7.40	7.40	8.20	10.36	13.02
Laborers and freight, stock, and material movers, hand	7.40	7.50	8.40	10.36	13.02

¹ 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.

² Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$25.13	\$20.76	\$989	\$828	39.4	\$50,117	\$42,806	1,994
Management occupations	42.18	38.97	1,706	1,634	40.5	88,294	83,200	2,093
General and operations managers	36.17	32.30	1,563	1,292	43.2	81,253	67,184	2,246
Marketing and sales managers	40.33	41.21	1,670	1,650	41.4	86,836	85,823	2,153
Marketing managers	45.58	48.19	1,785	1,891	39.2	92,812	98,324	2,036
Computer and information systems managers	57.82	58.65	2,221	2,346	38.4	115,477	122,000	1,997
Financial managers	36.83	37.78	1,499	1,537	40.7	77,354	79,903	2,101
Industrial production managers	43.22	42.69	1,729	1,708	40.0	89,897	88,795	2,080
Education administrators	54.43	55.29	2,134	2,212	39.2	105,066	111,151	1,930
Engineering managers	58.71	55.65	2,348	2,226	40.0	122,115	115,748	2,080
Business and financial operations occupations	31.73	29.91	1,268	1,198	40.0	65,842	62,275	2,075
Buyers and purchasing agents	29.02	24.56	1,161	982	40.0	60,370	51,076	2,080
Purchasing agents, except wholesale, retail, and farm products	29.20	23.00	1,168	920	40.0	60,732	47,840	2,080
Human resources, training, and labor relations specialists	34.24	29.94	1,364	1,198	39.8	70,938	62,275	2,072
Management analysts	36.37	33.62	1,451	1,337	39.9	75,476	69,499	2,075
Accountants and auditors	29.91	26.54	1,196	1,062	40.0	62,217	55,201	2,080
Loan counselors and officers	24.80	24.62	992	985	40.0	51,593	51,210	2,080
Computer and mathematical science occupations	34.97	35.53	1,406	1,462	40.2	72,793	76,001	2,081
Computer software engineers	44.20	40.43	1,768	1,617	40.0	91,943	84,084	2,080
Computer software engineers, applications	38.52	35.59	1,541	1,423	40.0	80,126	74,021	2,080
Computer software engineers, systems software	46.59	40.43	1,864	1,617	40.0	96,904	84,084	2,080
Computer support specialists	21.84	20.29	870	812	39.8	44,619	42,209	2,043
Computer systems analysts	39.35	39.97	1,574	1,599	40.0	81,843	83,140	2,080
Network and computer systems administrators	34.62	35.10	1,456	1,514	42.1	75,074	78,751	2,168
Architecture and engineering occupations	37.31	38.31	1,494	1,531	40.0	77,674	79,624	2,082
Engineers	40.43	40.56	1,619	1,623	40.0	84,194	84,373	2,083
Electrical and electronics engineers	32.46	30.93	1,298	1,237	40.0	67,519	64,336	2,080
Industrial engineers, including health and safety	39.92	40.59	1,597	1,623	40.0	83,040	84,419	2,080
Mechanical engineers	37.58	39.50	1,513	1,574	40.3	78,679	81,838	2,094
Engineering technicians, except drafters	25.57	24.85	1,023	994	40.0	53,121	51,085	2,078
Life, physical, and social science occupations	30.20	22.07	1,181	883	39.1	59,049	46,421	1,955
Community and social services occupations	24.13	20.66	960	834	39.8	47,602	43,387	1,973
Counselors	23.04	16.83	922	692	40.0	44,476	40,040	1,930
Educational, vocational, and school counselors	28.85	16.83	1,088	673	37.7	49,043	36,749	1,700
Social workers	27.40	24.54	1,077	982	39.3	53,243	51,043	1,944
Child, family, and school social workers	37.67	26.38	1,400	1,055	37.2	61,180	57,339	1,624
Medical and public health social workers	25.85	28.89	1,034	1,156	40.0	52,988	59,634	2,050
Legal occupations	52.54	57.39	2,056	2,295	39.1	106,895	119,365	2,035
Lawyers	57.30	57.69	2,249	2,308	39.2	116,927	120,001	2,041
Education, training, and library occupations	41.59	43.02	1,477	1,421	35.5	58,740	56,242	1,412

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Education, training, and library occupations –Continued								
Postsecondary teachers	\$61.42	\$67.48	\$2,353	\$2,497	38.3	\$91,852	\$85,394	1,495
Primary, secondary, and special education school teachers	48.81	48.83	1,664	1,643	34.1	62,880	62,314	1,288
Elementary and middle school teachers	50.86	51.07	1,713	1,780	33.7	64,049	65,205	1,259
Elementary school teachers, except special education	49.84	49.23	1,688	1,728	33.9	63,178	64,276	1,268
Middle school teachers, except special and vocational education	54.65	57.31	1,804	1,821	33.0	67,174	67,738	1,229
Secondary school teachers	50.83	50.41	1,700	1,623	33.4	63,574	59,956	1,251
Secondary school teachers, except special and vocational education	50.53	49.94	1,687	1,623	33.4	63,291	59,956	1,253
Special education teachers	45.85	43.40	1,651	1,573	36.0	63,869	62,302	1,393
Special education teachers, preschool, kindergarten, and elementary school	43.83	43.40	1,579	1,573	36.0	62,136	62,302	1,418
Librarians	26.96	25.74	1,040	985	38.6	52,990	51,210	1,966
Teacher assistants	13.97	11.75	510	470	36.5	21,882	20,792	1,567
Arts, design, entertainment, sports, and media occupations								
Designers	36.75	29.31	1,439	1,139	39.1	72,647	59,228	1,977
Designers	29.21	28.48	1,128	1,139	38.6	58,678	59,228	2,009
Healthcare practitioner and technical occupations								
Physicians and surgeons	102.47	114.17	3,985	4,567	38.9	207,212	237,474	2,022
Registered nurses	31.65	30.75	1,223	1,184	38.6	63,592	61,547	2,009
Therapists	32.16	26.39	1,229	987	38.2	58,024	51,314	1,804
Clinical laboratory technologists and technicians	26.09	27.30	1,017	1,024	39.0	52,888	53,258	2,027
Medical and clinical laboratory technologists	27.06	27.46	1,052	1,024	38.9	54,704	53,258	2,022
Diagnostic related technologists and technicians	26.38	26.45	1,048	1,058	39.7	54,471	55,016	2,065
Radiologic technologists and technicians	26.19	26.45	1,039	1,058	39.7	54,039	55,016	2,063
Health diagnosing and treating practitioner support technicians	16.54	16.00	661	640	40.0	34,395	33,280	2,080
Pharmacy technicians	14.40	14.20	576	568	40.0	29,946	29,536	2,080
Licensed practical and licensed vocational nurses	21.44	21.27	810	826	37.8	42,133	42,973	1,965
Healthcare support occupations								
Nursing, psychiatric, and home health aides	11.46	11.19	451	443	39.3	23,444	23,010	2,045
Nursing aides, orderlies, and attendants	13.37	13.50	514	519	38.4	26,706	26,978	1,998
Miscellaneous healthcare support occupations	14.37	14.62	534	543	37.2	27,757	28,259	1,932
Protective service occupations								
Fire fighters	22.40	21.52	1,082	1,085	48.3	56,285	56,400	2,513
Bailiffs, correctional officers, and jailers	23.49	24.75	940	990	40.0	48,864	51,480	2,080
Correctional officers and jailers	23.65	24.75	946	990	40.0	49,185	51,480	2,080
Police officers	28.28	25.59	1,137	1,024	40.2	59,137	53,227	2,091
Police and sheriff's patrol officers	28.28	25.59	1,137	1,024	40.2	59,137	53,227	2,091
Security guards and gaming surveillance officers	13.34	12.00	533	480	40.0	27,737	24,960	2,080
Security guards	13.34	12.00	533	480	40.0	27,737	24,960	2,080

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Food preparation and serving related occupations	\$9.19	\$8.88	\$355	\$340	38.6	\$18,286	\$17,784	1,989
First-line supervisors/managers, food preparation and serving workers ..	14.74	14.56	620	600	42.1	31,775	31,201	2,156
First-line supervisors/managers of food preparation and serving workers	14.16	13.08	600	600	42.4	31,198	31,200	2,203
Cooks	11.69	11.63	427	407	36.5	21,884	21,172	1,873
Cooks, restaurant	10.82	11.63	389	407	35.9	20,217	21,172	1,869
Food service, tipped	4.19	3.56	158	142	37.7	8,124	7,409	1,937
Bartenders	4.90	5.00	182	200	37.3	9,489	10,400	1,938
Waiters and waitresses	3.38	2.80	129	110	38.3	6,663	5,720	1,973
Fast food and counter workers	9.63	9.40	381	376	39.6	19,838	19,552	2,060
Combined food preparation and serving workers, including fast food	9.45	9.40	374	376	39.6	19,456	19,552	2,059
Building and grounds cleaning and maintenance occupations	13.57	12.65	520	508	38.3	25,643	24,669	1,890
Building cleaning workers	13.59	12.75	518	510	38.1	26,761	26,478	1,970
Janitors and cleaners, except maids and housekeeping cleaners	14.15	13.47	560	539	39.5	29,011	28,018	2,050
Maids and housekeeping cleaners	11.29	8.16	375	326	33.2	19,206	16,967	1,701
Personal care and service occupations	12.20	10.50	470	394	38.6	23,858	20,475	1,956
Child care workers	12.34	10.50	474	420	38.4	22,101	19,890	1,791
Sales and related occupations	22.33	17.00	906	684	40.6	46,648	35,568	2,089
First-line supervisors/managers, sales workers	25.53	24.23	1,060	969	41.5	52,457	50,400	2,054
First-line supervisors/managers of retail sales workers	19.28	17.80	786	697	40.8	37,649	33,600	1,953
Retail sales workers	15.16	12.98	608	500	40.1	31,509	25,709	2,079
Cashiers, all workers	11.07	10.50	441	420	39.9	22,947	21,840	2,073
Cashiers	11.07	10.50	441	420	39.9	22,947	21,840	2,073
Retail salespersons	17.24	14.70	694	580	40.2	36,070	30,181	2,093
Insurance sales agents	18.60	17.40	744	696	40.0	38,695	36,186	2,080
Sales representatives, wholesale and manufacturing	31.08	25.97	1,243	1,039	40.0	64,597	54,011	2,078
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	25.42	1,444	1,017	40.0	75,093	52,863	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.89	26.44	996	1,058	40.0	51,674	54,999	2,076
Office and administrative support occupations	16.85	15.79	664	618	39.4	34,415	32,001	2,042
First-line supervisors/managers of office and administrative support workers	20.95	20.05	838	802	40.0	43,582	41,704	2,080
Financial clerks	16.29	15.35	647	608	39.7	33,631	31,599	2,064
Billing and posting clerks and machine operators	15.05	14.36	572	570	38.0	29,768	29,640	1,977
Bookkeeping, accounting, and auditing clerks	17.76	16.50	708	660	39.9	36,813	34,320	2,073
Tellers	14.03	13.97	561	559	40.0	29,182	29,056	2,080
Customer service representatives	17.12	15.74	681	630	39.8	35,405	32,739	2,068
Loan interviewers and clerks	24.90	21.55	996	862	40.0	51,795	44,824	2,080
Receptionists and information clerks ..	12.66	11.50	474	403	37.4	24,639	20,930	1,946
Dispatchers	21.98	20.30	879	812	40.0	45,713	42,224	2,080
Shipping, receiving, and traffic clerks ..	17.34	14.89	694	596	40.0	35,970	30,971	2,074
Stock clerks and order fillers	12.27	11.50	487	460	39.7	25,350	23,920	2,066

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Office and administrative support occupations –Continued								
Secretaries and administrative assistants	\$19.98	\$18.26	\$787	\$730	39.4	\$40,142	\$37,153	2,009
Executive secretaries and administrative assistants	23.07	22.28	911	836	39.5	47,388	43,446	2,055
Secretaries, except legal, medical, and executive	17.28	17.44	679	693	39.3	34,041	35,110	1,970
Insurance claims and policy processing clerks	17.73	19.67	697	762	39.3	36,261	39,635	2,045
Office clerks, general	14.74	14.50	585	579	39.7	30,389	30,116	2,062
Construction and extraction occupations								
Electricians	24.40	24.79	968	992	39.7	44,514	43,680	1,824
Pipelayers, plumbers, pipefitters, and steamfitters	32.34	32.83	1,294	1,313	40.0	67,264	68,286	2,080
Plumbers, pipefitters, and steamfitters	28.90	30.67	1,156	1,227	40.0	60,114	63,794	2,080
Plumbers, pipefitters, and steamfitters	28.90	30.67	1,156	1,227	40.0	60,114	63,794	2,080
Installation, maintenance, and repair occupations								
First-line supervisors/managers of mechanics, installers, and repairers	22.14	22.00	905	897	40.9	47,045	46,634	2,125
Automotive technicians and repairers	29.08	31.55	1,323	1,346	45.5	68,806	69,992	2,366
Automotive service technicians and mechanics	18.28	20.00	785	800	42.9	40,820	41,600	2,233
Bus and truck mechanics and diesel engine specialists	18.28	20.00	785	800	42.9	40,820	41,600	2,233
Industrial machinery installation, repair, and maintenance workers	20.36	19.60	815	784	40.0	42,355	40,768	2,080
Industrial machinery mechanics	23.59	24.65	943	986	40.0	49,032	51,272	2,079
Maintenance and repair workers, general	26.60	26.45	1,064	1,058	40.0	55,320	55,016	2,080
Miscellaneous installation, maintenance, and repair workers	18.96	18.31	759	732	40.0	39,394	38,083	2,077
Miscellaneous installation, maintenance, and repair workers	19.60	20.41	784	816	40.0	40,778	42,453	2,080
Production occupations								
First-line supervisors/managers of production and operating workers	22.22	22.22	887	889	39.9	46,050	46,010	2,073
Miscellaneous assemblers and fabricators	29.42	31.35	1,205	1,336	41.0	62,660	69,497	2,130
Computer control programmers and operators	25.67	28.71	1,027	1,148	40.0	53,401	59,717	2,080
Computer-controlled machine tool operators, metal and plastic	26.20	26.80	1,048	1,072	40.0	54,491	55,744	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	23.83	23.25	953	930	40.0	49,575	48,360	2,080
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	19.51	20.97	781	839	40.0	40,363	42,781	2,068
Machinists	18.99	15.32	760	613	40.0	39,315	32,968	2,070
Multiple machine tool setters, operators, and tenders, metal and plastic	20.91	19.67	836	787	40.0	43,493	40,909	2,080
Tool and die makers	22.64	22.50	905	900	40.0	47,084	46,800	2,080
Welding, soldering, and brazing workers	29.02	27.85	1,161	1,114	40.0	60,141	56,992	2,072
Inspectors, testers, sorters, samplers, and weighers	23.58	28.38	943	1,135	40.0	49,057	59,030	2,080
Miscellaneous production workers	22.06	20.00	882	800	40.0	45,887	41,600	2,080
Miscellaneous production workers	16.12	16.98	645	679	40.0	33,444	35,318	2,074

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Transportation and material moving occupations	\$22.38	\$18.43	\$854	\$735	38.1	\$43,736	\$37,398	1,955
Bus drivers	17.65	18.55	593	564	33.6	22,991	23,687	1,303
Bus drivers, school	17.65	18.55	593	564	33.6	22,991	23,687	1,303
Driver/sales workers and truck drivers	19.65	19.22	777	750	39.6	40,035	39,001	2,038
Truck drivers, heavy and tractor-trailer	19.90	19.22	786	750	39.5	40,345	39,001	2,028
Industrial truck and tractor operators ..	20.59	19.45	824	778	40.0	42,829	40,456	2,080
Laborers and material movers, hand ..	14.47	12.50	578	500	40.0	30,064	26,000	2,077
Laborers and freight, stock, and material movers, hand	15.97	13.40	638	536	39.9	33,163	27,872	2,077
Packers and packagers, hand	10.78	11.22	431	449	40.0	22,425	23,338	2,080

¹ 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.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$24.28	\$20.05	\$961	\$802	39.6	\$49,481	\$41,600	2,038
Management occupations	41.40	37.78	1,686	1,545	40.7	87,685	80,324	2,118
General and operations managers	36.17	32.30	1,563	1,292	43.2	81,253	67,184	2,246
Marketing and sales managers	40.33	41.21	1,670	1,650	41.4	86,836	85,823	2,153
Marketing managers	45.58	48.19	1,785	1,891	39.2	92,812	98,324	2,036
Computer and information systems managers	59.49	58.65	2,297	2,346	38.6	119,438	122,000	2,008
Financial managers	36.06	37.78	1,471	1,537	40.8	76,514	79,903	2,122
Industrial production managers	43.22	42.69	1,729	1,708	40.0	89,897	88,795	2,080
Engineering managers	59.46	58.17	2,378	2,327	40.0	123,682	121,000	2,080
Business and financial operations occupations	32.25	30.73	1,289	1,232	40.0	67,032	64,041	2,078
Buyers and purchasing agents	30.19	26.92	1,208	1,077	40.0	62,804	56,000	2,080
Purchasing agents, except wholesale, retail, and farm products	30.65	24.56	1,226	982	40.0	63,761	51,076	2,080
Human resources, training, and labor relations specialists	34.01	29.94	1,355	1,198	39.8	70,462	62,275	2,072
Management analysts	36.37	33.62	1,451	1,337	39.9	75,476	69,499	2,075
Accountants and auditors	31.78	28.51	1,271	1,140	40.0	66,104	59,301	2,080
Computer and mathematical science occupations	35.30	35.91	1,422	1,490	40.3	73,957	77,497	2,095
Computer software engineers	44.20	40.43	1,768	1,617	40.0	91,943	84,084	2,080
Computer software engineers, applications	38.52	35.59	1,541	1,423	40.0	80,126	74,021	2,080
Computer software engineers, systems software	46.59	40.43	1,864	1,617	40.0	96,904	84,084	2,080
Computer support specialists	22.05	20.29	878	812	39.8	45,666	42,209	2,071
Computer systems analysts	39.77	40.58	1,591	1,623	40.0	82,715	84,400	2,080
Network and computer systems administrators	33.57	35.10	1,417	1,514	42.2	73,675	78,751	2,194
Architecture and engineering occupations	37.57	38.88	1,504	1,553	40.0	78,208	80,731	2,082
Engineers	40.60	40.56	1,626	1,623	40.1	84,551	84,373	2,083
Electrical and electronics engineers	32.46	30.93	1,298	1,237	40.0	67,519	64,336	2,080
Industrial engineers, including health and safety	39.92	40.59	1,597	1,623	40.0	83,040	84,419	2,080
Mechanical engineers	37.58	39.50	1,513	1,574	40.3	78,679	81,838	2,094
Engineering technicians, except drafters	25.73	25.15	1,029	1,006	40.0	53,461	52,316	2,078
Community and social services occupations	20.10	19.35	814	800	40.5	42,354	41,601	2,107
Counselors	17.13	15.84	709	673	41.4	36,878	35,000	2,153
Social workers	23.51	21.63	938	865	39.9	48,779	44,990	2,075
Medical and public health social workers	25.77	28.89	1,031	1,156	40.0	53,596	60,091	2,080
Legal occupations	54.65	57.69	2,135	2,308	39.1	111,014	119,999	2,031
Education, training, and library occupations	24.75	15.75	964	630	39.0	45,384	30,240	1,834
Teacher assistants	11.76	11.75	463	470	39.4	22,459	23,970	1,909
Arts, design, entertainment, sports, and media occupations	37.29	30.29	1,461	1,139	39.2	73,636	59,228	1,975
Designers	29.21	28.48	1,128	1,139	38.6	58,678	59,228	2,009
Healthcare practitioner and technical occupations	36.74	28.20	1,425	1,062	38.8	74,092	55,224	2,016
Physicians and surgeons	117.18	135.00	4,532	5,063	38.7	235,688	263,250	2,011
Registered nurses	31.89	31.25	1,230	1,199	38.6	63,948	62,338	2,005

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Healthcare practitioner and technical occupations –Continued								
Clinical laboratory technologists and technicians	\$27.06	\$27.46	\$1,052	\$1,024	38.9	\$54,704	\$53,258	2,022
Medical and clinical laboratory technologists	27.06	27.46	1,052	1,024	38.9	54,704	53,258	2,022
Diagnostic related technologists and technicians	26.19	26.41	1,039	1,056	39.7	54,005	54,933	2,062
Radiologic technologists and technicians	25.93	25.55	1,027	1,022	39.6	53,395	53,144	2,059
Health diagnosing and treating practitioner support technicians	16.58	16.00	663	640	40.0	34,487	33,280	2,080
Pharmacy technicians	14.40	14.20	576	568	40.0	29,946	29,536	2,080
Licensed practical and licensed vocational nurses	21.62	21.27	815	830	37.7	42,384	43,181	1,961
Healthcare support occupations	12.18	12.00	470	473	38.6	24,445	24,596	2,007
Nursing, psychiatric, and home health aides	11.38	11.15	448	440	39.3	23,272	22,880	2,045
Nursing aides, orderlies, and attendants	13.37	13.50	514	519	38.4	26,706	26,978	1,998
Miscellaneous healthcare support occupations	14.31	14.93	526	540	36.8	27,365	28,072	1,912
Protective service occupations	14.39	11.50	576	460	40.0	29,936	23,920	2,080
Security guards and gaming surveillance officers	12.93	11.50	517	460	40.0	26,894	23,920	2,080
Security guards	12.93	11.50	517	460	40.0	26,894	23,920	2,080
Food preparation and serving related occupations	8.96	8.63	346	330	38.6	17,848	17,139	1,992
First-line supervisors/managers, food preparation and serving workers ..	14.74	14.56	620	600	42.1	31,775	31,201	2,156
First-line supervisors/managers of food preparation and serving workers	14.16	13.08	600	600	42.4	31,198	31,200	2,203
Cooks	11.38	11.63	414	407	36.4	21,241	21,172	1,867
Cooks, restaurant	10.82	11.63	389	407	35.9	20,217	21,172	1,869
Food service, tipped	4.11	3.56	155	142	37.8	8,037	7,409	1,956
Bartenders	4.90	5.00	182	200	37.3	9,489	10,400	1,938
Waiters and waitresses	3.38	2.80	129	110	38.3	6,663	5,720	1,973
Fast food and counter workers	9.63	9.40	381	376	39.6	19,838	19,552	2,060
Combined food preparation and serving workers, including fast food	9.45	9.40	374	376	39.6	19,456	19,552	2,059
Building and grounds cleaning and maintenance occupations	12.16	10.78	458	431	37.6	22,147	20,072	1,821
Building cleaning workers	12.12	10.76	451	430	37.2	23,306	21,861	1,923
Janitors and cleaners, except maids and housekeeping cleaners	12.47	11.00	489	440	39.2	25,372	22,422	2,035
Maids and housekeeping cleaners	11.29	8.16	375	326	33.2	19,206	16,967	1,701
Personal care and service occupations	11.57	9.99	447	390	38.6	23,232	19,968	2,007
Sales and related occupations	21.81	16.63	885	680	40.6	45,568	35,027	2,090
First-line supervisors/managers, sales workers	25.53	24.23	1,060	969	41.5	52,457	50,400	2,054
First-line supervisors/managers of retail sales workers	19.28	17.80	786	697	40.8	37,649	33,600	1,953
Retail sales workers	15.16	12.98	608	500	40.1	31,509	25,709	2,079
Cashiers, all workers	11.07	10.50	441	420	39.9	22,947	21,840	2,073
Cashiers	11.07	10.50	441	420	39.9	22,947	21,840	2,073

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Sales and related occupations								
-Continued								
Retail salespersons	\$17.24	\$14.70	\$694	\$580	40.2	\$36,070	\$30,181	2,093
Insurance sales agents	18.60	17.40	744	696	40.0	38,695	36,186	2,080
Sales representatives, wholesale and manufacturing	31.08	25.97	1,243	1,039	40.0	64,597	54,011	2,078
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	25.42	1,444	1,017	40.0	75,093	52,863	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.89	26.44	996	1,058	40.0	51,674	54,999	2,076
Office and administrative support occupations								
First-line supervisors/managers of office and administrative support workers	16.59	15.25	654	606	39.4	34,017	31,533	2,050
Financial clerks	20.95	20.05	838	802	40.0	43,582	41,704	2,080
Billing and posting clerks and machine operators	16.00	15.06	635	600	39.7	33,024	31,200	2,064
Bookkeeping, accounting, and auditing clerks	15.05	14.36	572	570	38.0	29,768	29,640	1,977
Tellers	17.46	16.38	697	655	39.9	36,229	34,070	2,075
Customer service representatives	13.95	13.25	558	530	40.0	29,007	27,560	2,080
Loan interviewers and clerks	17.18	15.85	683	634	39.8	35,519	32,968	2,068
Receptionists and information clerks ..	24.90	21.55	996	862	40.0	51,795	44,824	2,080
Shipping, receiving, and traffic clerks ..	12.50	11.50	465	403	37.2	24,204	20,930	1,936
Stock clerks and order fillers	17.34	14.89	694	596	40.0	35,970	30,971	2,074
Secretaries and administrative assistants	12.27	11.50	487	460	39.7	25,350	23,920	2,066
Executive secretaries and administrative assistants	20.31	18.26	802	730	39.5	41,716	37,939	2,054
Secretaries, except legal, medical, and executive	23.85	24.06	944	963	39.6	49,093	50,051	2,058
Insurance claims and policy processing clerks	16.76	17.15	664	676	39.6	34,533	35,173	2,060
Office clerks, general	17.73	19.67	697	762	39.3	36,261	39,635	2,045
Office clerks, general	14.17	14.48	561	570	39.6	29,173	29,621	2,058
Construction and extraction occupations								
Electricians	24.49	24.97	971	992	39.7	43,890	41,338	1,792
Pipelayers, plumbers, pipefitters, and steamfitters	33.31	33.23	1,332	1,329	40.0	69,276	69,125	2,080
Plumbers, pipefitters, and steamfitters	30.18	30.67	1,207	1,227	40.0	62,781	63,794	2,080
Plumbers, pipefitters, and steamfitters	30.18	30.67	1,207	1,227	40.0	62,781	63,794	2,080
Installation, maintenance, and repair occupations								
First-line supervisors/managers of mechanics, installers, and repairers	22.05	22.00	903	895	40.9	46,925	46,530	2,128
Automotive technicians and repairers ..	29.06	31.55	1,326	1,346	45.6	68,927	69,992	2,372
Automotive service technicians and mechanics	17.96	20.00	773	800	43.0	40,194	41,600	2,238
Bus and truck mechanics and diesel engine specialists	17.96	20.00	773	800	43.0	40,194	41,600	2,238
Industrial machinery installation, repair, and maintenance workers	19.80	19.60	792	784	40.0	41,194	40,768	2,080
Industrial machinery mechanics	23.65	24.65	946	986	40.0	49,154	51,272	2,079
Maintenance and repair workers, general	26.60	26.45	1,064	1,058	40.0	55,320	55,016	2,080
Maintenance and repair workers, general	17.68	15.00	707	600	40.0	36,705	31,200	2,077
Production occupations	22.22	22.22	887	889	39.9	46,049	46,010	2,072

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Production occupations –Continued								
First-line supervisors/managers of production and operating workers	\$29.42	\$31.35	\$1,205	\$1,336	41.0	\$62,660	\$69,497	2,130
Miscellaneous assemblers and fabricators	25.67	28.71	1,027	1,148	40.0	53,401	59,717	2,080
Computer control programmers and operators	26.20	26.80	1,048	1,072	40.0	54,491	55,744	2,080
Computer-controlled machine tool operators, metal and plastic	23.83	23.25	953	930	40.0	49,575	48,360	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	19.51	20.97	781	839	40.0	40,363	42,781	2,068
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	18.99	15.32	760	613	40.0	39,315	32,968	2,070
Machinists	20.91	19.67	836	787	40.0	43,493	40,909	2,080
Multiple machine tool setters, operators, and tenders, metal and plastic	22.64	22.50	905	900	40.0	47,084	46,800	2,080
Tool and die makers	29.02	27.85	1,161	1,114	40.0	60,141	56,992	2,072
Welding, soldering, and brazing workers	23.58	28.38	943	1,135	40.0	49,057	59,030	2,080
Inspectors, testers, sorters, samplers, and weighers	22.06	20.00	882	800	40.0	45,887	41,600	2,080
Miscellaneous production workers	16.12	16.98	645	679	40.0	33,444	35,318	2,074
Transportation and material moving occupations								
Driver/sales workers and truck drivers	19.65	19.22	777	750	39.6	40,035	39,001	2,038
Truck drivers, heavy and tractor-trailer	19.90	19.22	786	750	39.5	40,345	39,001	2,028
Industrial truck and tractor operators ..	20.59	19.45	824	778	40.0	42,829	40,456	2,080
Laborers and material movers, hand ..	14.47	12.50	578	500	40.0	30,064	26,000	2,077
Laborers and freight, stock, and material movers, hand	15.97	13.40	638	536	39.9	33,163	27,872	2,077
Packers and packagers, hand	10.78	11.22	431	449	40.0	22,425	23,338	2,080

¹ 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.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 13. Full-time¹ State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$30.45	\$24.49	\$1,164	\$990	38.2	\$53,536	\$51,480	1,758
Management occupations	46.51	46.01	1,813	1,827	39.0	91,462	95,000	1,967
Education administrators	56.73	55.29	2,221	2,212	39.2	108,912	111,151	1,920
Business and financial operations occupations	26.64	24.62	1,061	985	39.8	54,505	51,210	2,046
Computer and mathematical science occupations	32.22	32.60	1,273	1,222	39.5	63,646	63,566	1,976
Life, physical, and social science occupations	25.00	20.80	966	837	38.6	47,426	44,730	1,897
Community and social services occupations	38.61	31.18	1,440	1,247	37.3	61,974	54,870	1,605
Social workers	37.11	26.38	1,409	1,133	38.0	62,265	57,339	1,678
Child, family, and school social workers	41.90	35.57	1,550	1,493	37.0	65,905	67,450	1,573
Education, training, and library occupations	46.75	47.03	1,616	1,615	34.6	61,679	61,599	1,319
Postsecondary teachers	62.34	65.14	2,357	2,477	37.8	88,597	85,394	1,421
Primary, secondary, and special education school teachers	51.43	50.93	1,739	1,755	33.8	64,842	64,785	1,261
Elementary and middle school teachers	53.16	53.11	1,784	1,791	33.6	66,064	65,668	1,243
Elementary school teachers, except special education	52.71	52.77	1,778	1,780	33.7	65,723	65,205	1,247
Middle school teachers, except special and vocational education	54.65	57.31	1,804	1,821	33.0	67,174	67,738	1,229
Secondary school teachers	52.25	50.42	1,736	1,678	33.2	64,274	62,180	1,230
Secondary school teachers, except special and vocational education	51.98	50.41	1,724	1,649	33.2	64,004	61,599	1,231
Special education teachers	45.85	43.40	1,651	1,573	36.0	63,869	62,302	1,393
Special education teachers, preschool, kindergarten, and elementary school	43.83	43.40	1,579	1,573	36.0	62,136	62,302	1,418
Librarians	26.96	25.74	1,040	985	38.6	52,990	51,210	1,966
Teacher assistants	16.78	15.53	561	559	33.4	21,389	20,792	1,275
Healthcare practitioner and technical occupations	27.83	25.81	1,097	1,032	39.4	54,143	53,683	1,945
Registered nurses	27.67	29.40	1,107	1,176	40.0	57,551	61,152	2,080
Protective service occupations	25.19	24.75	1,057	1,006	42.0	54,751	52,312	2,174
Fire fighters	22.40	21.52	1,082	1,085	48.3	56,285	56,400	2,513
Bailiffs, correctional officers, and jailers	23.49	24.75	940	990	40.0	48,864	51,480	2,080
Correctional officers and jailers	23.65	24.75	946	990	40.0	49,185	51,480	2,080
Police officers	28.28	25.59	1,137	1,024	40.2	59,137	53,227	2,091
Police and sheriff's patrol officers	28.28	25.59	1,137	1,024	40.2	59,137	53,227	2,091
Building and grounds cleaning and maintenance occupations	16.82	16.59	673	664	40.0	34,844	34,507	2,071
Building cleaning workers	16.55	16.00	662	640	40.0	34,265	33,634	2,071
Janitors and cleaners, except maids and housekeeping cleaners	16.55	16.00	662	640	40.0	34,265	33,634	2,071
Office and administrative support occupations	18.48	17.80	728	693	39.4	36,842	35,218	1,994
Financial clerks	19.23	19.28	764	771	39.8	39,748	40,102	2,067

See footnotes at end of table.

Table 13. Full-time¹ State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Office and administrative support occupations –Continued								
Secretaries and administrative assistants	\$19.24	\$18.84	\$751	\$754	39.1	\$36,798	\$36,026	1,912
Executive secretaries and administrative assistants	20.67	21.29	812	836	39.3	42,234	43,446	2,043
Secretaries, except legal, medical, and executive	18.07	17.54	703	693	38.9	33,369	34,115	1,847
Office clerks, general	16.40	16.42	653	657	39.9	33,980	34,156	2,072
Construction and extraction occupations	23.84	23.21	947	929	39.7	49,235	48,285	2,065
Installation, maintenance, and repair occupations	23.37	24.55	935	982	40.0	48,616	51,072	2,080
Industrial machinery installation, repair, and maintenance workers	23.07	25.60	923	1,024	40.0	47,984	53,248	2,080
Maintenance and repair workers, general	23.07	25.60	923	1,024	40.0	47,984	53,248	2,080
Transportation and material moving occupations	17.50	18.55	611	620	34.9	25,040	23,747	1,431
Bus drivers	17.65	18.55	593	564	33.6	22,991	23,687	1,303
Bus drivers, school	17.65	18.55	593	564	33.6	22,991	23,687	1,303

¹ 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.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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.

Table 14. **Size of establishment: Mean hourly earnings¹ of private industry establishments for major occupational groups, Detroit-Warren-Flint, MI CSA, May 2009**

Occupational group ²	Total	1-99 workers	100-499 workers	500 workers or more
All workers	\$22.62	\$19.74	\$19.08	\$31.49
Management, professional, and related	35.37	35.40	30.85	38.39
Management, business, and financial	36.18	29.44	34.31	43.89
Professional and related	34.98	39.40	29.65	35.98
Service	10.08	8.89	10.17	13.98
Sales and office	16.68	17.02	15.17	19.15
Sales and related	18.44	19.39	15.88	—
Office and administrative support	15.87	15.42	14.89	18.77
Natural resources, construction, and maintenance	22.65	20.06	22.74	28.09
Construction and extraction	24.49	20.44	—	—
Installation, maintenance, and repair	21.64	19.81	21.73	25.64
Production, transportation, and material moving	21.51	16.87	17.17	32.00
Production	21.98	18.52	17.68	28.30
Transportation and material moving	20.88	15.12	16.65	41.79
	Relative error ³ (percent)			
All workers	3.5	7.6	3.6	3.4
Management, professional, and related	6.1	16.4	4.2	3.1
Management, business, and financial	4.2	7.1	4.7	5.7
Professional and related	9.0	25.9	6.2	2.5
Service	3.2	5.2	3.9	6.4
Sales and office	2.4	2.7	5.3	6.2
Sales and related	5.3	5.1	14.5	—
Office and administrative support	2.4	3.4	3.2	5.1
Natural resources, construction, and maintenance	4.2	5.7	8.0	8.2
Construction and extraction	4.7	9.5	—	—
Installation, maintenance, and repair	5.0	7.0	8.1	13.4
Production, transportation, and material moving	2.2	5.7	5.5	4.8
Production	1.9	7.6	6.9	2.3
Transportation and material moving	4.1	6.3	7.9	21.3

¹ 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. See appendix A for more information.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$21.13	\$17.08	\$835	\$677	39.5	\$43,053	\$34,632	2,038
Management occupations	34.34	30.05	1,417	1,231	41.3	73,695	63,993	2,146
General and operations managers	33.12	30.05	1,417	1,292	42.8	73,697	67,184	2,225
Financial managers	36.88	37.78	1,513	1,700	41.0	78,652	88,401	2,132
Business and financial operations occupations ...	23.28	19.67	933	787	40.1	48,514	40,916	2,084
Computer and mathematical science occupations	32.71	32.50	1,309	1,300	40.0	68,044	67,600	2,080
Architecture and engineering occupations	29.68	29.57	1,192	1,183	40.2	61,989	61,508	2,089
Engineers	34.65	34.63	1,394	1,385	40.2	72,505	72,020	2,093
Community and social services occupations	20.69	20.47	853	834	41.2	44,363	43,387	2,144
Arts, design, entertainment, sports, and media occupations	22.29	23.59	842	885	37.8	43,803	46,001	1,965
Healthcare practitioner and technical occupations	77.66	54.75	2,980	2,190	38.4	154,958	113,880	1,995
Food preparation and serving related occupations	7.86	7.63	299	305	38.0	15,407	15,875	1,959
Cooks	10.62	10.30	372	368	35.0	18,842	18,182	1,774
Food service, tipped	4.35	4.00	163	160	37.5	8,439	8,320	1,939
Bartenders	4.69	4.25	174	160	37.1	9,047	8,320	1,931
Building and grounds cleaning and maintenance occupations	11.76	9.00	407	360	34.6	18,808	16,016	1,599
Building cleaning workers	11.17	7.75	357	289	32.0	18,523	15,015	1,659
Janitors and cleaners, except maids and housekeeping cleaners	9.97	7.70	362	308	36.3	18,663	16,016	1,872
Sales and related occupations	22.41	17.10	916	734	40.9	47,508	38,176	2,120
First-line supervisors/managers, sales workers	21.69	24.23	916	969	42.2	47,640	50,403	2,196
Retail sales workers	16.28	13.12	654	480	40.2	33,817	24,960	2,078
Retail salespersons	18.37	14.70	741	588	40.3	38,510	30,576	2,097
Sales representatives, wholesale and manufacturing	33.64	25.42	1,346	1,017	40.0	69,888	52,863	2,077
Sales representatives, wholesale and manufacturing, technical and scientific products	36.10	25.42	1,444	1,017	40.0	75,093	52,863	2,080
Office and administrative support occupations	15.76	14.90	615	590	39.0	31,979	30,670	2,030
Financial clerks	16.30	15.20	643	600	39.5	33,443	31,200	2,052
Bookkeeping, accounting, and auditing clerks ...	17.19	16.15	686	646	39.9	35,647	33,592	2,074
Customer service representatives	14.78	15.00	589	600	39.9	30,628	31,200	2,072
Secretaries and administrative assistants	19.55	18.03	774	721	39.6	40,249	37,498	2,059
Executive secretaries and administrative assistants	23.52	26.92	924	1,010	39.3	48,053	52,500	2,043
Office clerks, general	13.47	13.50	531	540	39.4	27,597	28,080	2,048
Construction and extraction occupations	20.44	19.87	806	795	39.4	39,972	35,189	1,956
Installation, maintenance, and repair occupations	20.09	20.75	844	840	42.0	43,905	43,680	2,185
Industrial machinery installation, repair, and maintenance workers	20.54	22.42	822	897	40.0	42,722	46,634	2,080
Industrial machinery mechanics	22.98	26.45	919	1,058	40.0	47,793	55,016	2,080
Production occupations	18.57	18.51	738	729	39.7	38,359	37,898	2,065
Machine tool cutting setters, operators, and tenders, metal and plastic	14.70	15.20	588	608	40.0	30,533	31,616	2,076
Inspectors, testers, sorters, samplers, and weighers	21.06	20.00	842	800	40.0	43,796	41,600	2,080
Transportation and material moving occupations	15.80	14.97	619	580	39.2	32,006	30,160	2,026

See footnotes at end of table.

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Transportation and material moving occupations —Continued								
Driver/sales workers and truck drivers	\$17.94	\$17.56	\$699	\$680	39.0	\$35,824	\$35,360	1,997
Truck drivers, heavy and tractor-trailer	17.69	18.45	683	684	38.6	34,736	35,360	1,964
Laborers and material movers, hand	11.34	11.00	452	440	39.9	23,526	22,880	2,075
Laborers and freight, stock, and material movers, hand	11.16	10.25	444	410	39.8	23,105	21,320	2,071

¹ 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.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Detroit-Warren-Flint, MI CSA, May 2009

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$26.43	\$23.72	\$1,047	\$943	39.6	\$53,881	\$48,027	2,038
Management occupations	47.85	47.41	1,926	1,922	40.3	100,154	99,944	2,093
Marketing and sales managers	44.58	44.93	1,762	1,780	39.5	91,620	92,545	2,055
Industrial production managers	49.01	50.57	1,960	2,023	40.0	101,931	105,186	2,080
Business and financial operations occupations	36.21	34.14	1,445	1,362	39.9	75,156	70,836	2,076
Buyers and purchasing agents	34.81	33.18	1,393	1,327	40.0	72,410	69,019	2,080
Human resources, training, and labor relations specialists	34.97	29.94	1,392	1,198	39.8	72,403	62,275	2,070
Management analysts	36.37	33.62	1,451	1,337	39.9	75,476	69,499	2,075
Accountants and auditors	33.72	31.49	1,349	1,260	40.0	70,134	65,499	2,080
Computer and mathematical science occupations	35.88	38.25	1,448	1,540	40.3	75,283	80,101	2,098
Computer software engineers	44.75	40.43	1,790	1,617	40.0	93,080	84,084	2,080
Computer support specialists	21.59	20.29	859	812	39.8	44,662	42,209	2,069
Computer systems analysts	40.59	40.93	1,624	1,637	40.0	84,434	85,132	2,080
Network and computer systems administrators	33.00	35.10	1,427	1,755	43.3	74,225	91,250	2,250
Architecture and engineering occupations	40.13	40.85	1,605	1,634	40.0	83,461	84,956	2,080
Engineers	42.16	42.50	1,686	1,700	40.0	87,694	88,398	2,080
Industrial engineers, including health and safety	39.92	40.59	1,597	1,623	40.0	83,040	84,419	2,080
Mechanical engineers	37.32	38.50	1,493	1,540	40.0	77,625	80,080	2,080
Engineering technicians, except drafters	28.34	27.75	1,134	1,110	40.0	58,849	57,722	2,076
Community and social services occupations	19.47	17.82	775	713	39.8	40,295	37,068	2,070
Social workers	22.06	21.63	879	865	39.8	45,702	44,990	2,072
Education, training, and library occupations	29.31	17.77	1,158	711	39.5	54,456	40,000	1,858
Arts, design, entertainment, sports, and media occupations	42.72	33.19	1,696	1,328	39.7	84,500	69,031	1,978
Healthcare practitioner and technical occupations	28.02	26.55	1,089	1,031	38.9	56,628	53,633	2,021
Physicians and surgeons	46.88	23.31	1,875	932	40.0	97,509	48,485	2,080
Registered nurses	31.32	31.00	1,207	1,188	38.5	62,749	61,776	2,003
Clinical laboratory technologists and technicians	27.06	27.46	1,052	1,024	38.9	54,704	53,258	2,022
Medical and clinical laboratory technologists	27.06	27.46	1,052	1,024	38.9	54,704	53,258	2,022
Diagnostic related technologists and technicians	26.19	26.41	1,039	1,056	39.7	54,005	54,933	2,062
Radiologic technologists and technicians	25.93	25.55	1,027	1,022	39.6	53,395	53,144	2,059
Health diagnosing and treating practitioner support technicians	17.28	17.50	691	700	40.0	35,939	36,400	2,080
Pharmacy technicians	14.47	14.58	579	583	40.0	30,094	30,326	2,080
Licensed practical and licensed vocational nurses	21.62	21.27	815	830	37.7	42,384	43,181	1,961
Healthcare support occupations	11.92	11.85	469	469	39.3	24,363	24,395	2,043
Nursing, psychiatric, and home health aides	11.38	11.15	448	440	39.3	23,272	22,880	2,045
Nursing aides, orderlies, and attendants	13.37	13.50	514	519	38.4	26,706	26,978	1,998
Miscellaneous healthcare support occupations	14.24	14.37	557	549	39.1	28,987	28,558	2,036
Protective service occupations	14.39	11.50	576	460	40.0	29,936	23,920	2,080
Security guards and gaming surveillance officers	12.93	11.50	517	460	40.0	26,894	23,920	2,080
Security guards	12.93	11.50	517	460	40.0	26,894	23,920	2,080
Food preparation and serving related occupations	10.45	11.06	412	407	39.4	21,321	21,172	2,040
Fast food and counter workers	10.90	10.79	436	432	40.0	22,670	22,449	2,080
Building and grounds cleaning and maintenance occupations	12.43	11.05	497	442	40.0	24,953	22,506	2,008
Building cleaning workers	12.53	11.16	501	446	40.0	25,851	23,379	2,064
Janitors and cleaners, except maids and housekeeping cleaners	13.09	12.00	524	480	40.0	27,227	24,960	2,080
Sales and related occupations	20.39	15.26	816	610	40.0	41,242	31,387	2,023

See footnotes at end of table.

Table 16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Detroit-Warren-Flint, MI CSA, May 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Sales and related occupations –Continued								
First-line supervisors/managers, sales workers	\$33.45	\$22.83	\$1,341	\$913	40.1	\$60,650	\$37,500	1,813
Retail sales workers	12.95	12.50	518	500	40.0	26,927	26,000	2,080
Cashiers, all workers	12.16	12.00	486	480	40.0	25,297	24,960	2,080
Cashiers	12.16	12.00	486	480	40.0	25,297	24,960	2,080
Retail salespersons	13.90	14.47	556	579	40.0	28,916	30,098	2,080
Office and administrative support occupations								
First-line supervisors/managers of office and administrative support workers	17.31	15.91	689	634	39.8	35,809	32,968	2,068
Financial clerks	21.66	21.01	866	840	40.0	45,054	43,699	2,080
Bookkeeping, accounting, and auditing clerks ..	15.61	14.94	625	598	40.0	32,476	31,075	2,080
Customer service representatives	18.46	19.07	738	763	40.0	38,391	39,672	2,080
Receptionists and information clerks	18.28	15.91	726	636	39.7	37,765	33,093	2,066
Shipping, receiving, and traffic clerks	12.39	12.50	496	500	40.0	25,770	26,000	2,080
Stock clerks and order fillers	17.66	14.57	706	583	40.0	36,603	30,306	2,073
Secretaries and administrative assistants	13.12	12.74	525	510	40.0	27,293	26,499	2,080
Executive secretaries and administrative assistants	20.56	18.26	812	730	39.5	42,204	37,939	2,053
Secretaries, except legal, medical, and executive	24.02	22.33	955	893	39.7	49,635	46,451	2,066
Office clerks, general	17.51	17.58	691	698	39.5	35,952	36,279	2,053
Office clerks, general	15.70	15.22	628	609	40.0	32,648	31,658	2,080
Construction and extraction occupations								
Electricians	29.96	32.58	1,198	1,303	40.0	48,250	63,794	1,610
Pipelayers, plumbers, pipefitters, and steamfitters	33.31	33.23	1,332	1,329	40.0	69,276	69,125	2,080
Plumbers, pipefitters, and steamfitters	30.18	30.67	1,207	1,227	40.0	62,781	63,794	2,080
Plumbers, pipefitters, and steamfitters	30.18	30.67	1,207	1,227	40.0	62,781	63,794	2,080
Installation, maintenance, and repair occupations								
Industrial machinery installation, repair, and maintenance workers	23.84	24.65	954	986	40.0	49,568	51,272	2,079
Industrial machinery mechanics	26.68	32.42	1,067	1,297	40.0	55,434	67,434	2,077
Maintenance and repair workers, general	31.97	33.35	1,279	1,334	40.0	66,500	69,368	2,080
Maintenance and repair workers, general	19.46	20.50	778	820	40.0	40,357	41,000	2,074
Production occupations								
First-line supervisors/managers of production and operating workers	24.11	28.38	964	1,135	40.0	50,046	59,030	2,076
Miscellaneous assemblers and fabricators	30.42	33.06	1,217	1,322	40.0	63,265	68,765	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	25.86	28.71	1,034	1,148	40.0	53,787	59,717	2,080
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	21.98	22.22	879	889	40.0	45,379	45,325	2,064
Machinists	21.57	20.97	863	839	40.0	44,569	42,781	2,066
Tool and die makers	22.34	22.94	894	918	40.0	46,475	47,715	2,080
Miscellaneous production workers	30.88	32.75	1,235	1,310	40.0	63,909	68,120	2,070
Miscellaneous production workers	14.06	16.41	562	656	40.0	29,129	34,133	2,072
Transportation and material moving occupations								
Driver/sales workers and truck drivers	27.95	19.56	1,051	809	37.6	54,631	42,078	1,955
Truck drivers, heavy and tractor-trailer	22.70	19.87	923	795	40.7	48,004	41,330	2,115
Truck drivers, heavy and tractor-trailer	22.94	19.32	936	795	40.8	48,678	41,330	2,122
Industrial truck and tractor operators	22.03	28.12	881	1,125	40.0	45,819	58,490	2,080
Laborers and material movers, hand	16.80	13.68	672	547	40.0	34,920	28,454	2,078
Laborers and freight, stock, and material movers, hand	18.32	19.84	733	794	40.0	38,106	41,267	2,080

¹ 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.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 17. Union¹ and nonunion workers: Mean hourly earnings² for major occupational groups, Detroit-Warren-Flint, MI CSA, May 2009

Occupational group ³	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
All workers	\$27.10	\$25.24	\$30.42	\$22.26	\$21.99	\$27.37
Management, professional, and related	40.44	35.42	41.73	35.24	35.37	33.81
Management, business, and financial	42.19	—	39.54	36.50	36.00	41.15
Professional and related	40.28	33.81	41.91	34.60	35.05	28.66
Service	18.08	12.65	21.51	9.90	9.74	13.99
Sales and office	18.18	17.70	18.77	16.77	16.59	20.69
Sales and related	—	—	—	19.15	18.70	—
Office and administrative support	18.81	18.80	18.81	15.67	15.57	17.21
Natural resources, construction, and maintenance	28.41	29.48	23.49	17.63	17.54	—
Construction and extraction	29.12	30.38	23.72	16.54	16.22	—
Installation, maintenance, and repair	27.72	28.64	23.24	18.03	18.00	—
Production, transportation, and material moving	26.08	26.43	17.72	16.27	16.30	—
Production	25.49	25.50	—	17.63	17.63	—
Transportation and material moving	26.95	27.95	17.47	14.75	14.79	—
	Relative error ⁴ (percent)					
All workers	2.0	2.7	3.2	4.2	4.3	11.9
Management, professional, and related	4.0	13.2	4.1	6.2	6.6	16.9
Management, business, and financial	12.5	—	14.9	4.4	4.3	19.6
Professional and related	4.0	13.9	3.8	9.2	9.8	14.3
Service	4.2	5.9	4.1	3.0	3.2	5.8
Sales and office	4.1	7.2	3.6	2.6	2.6	10.8
Sales and related	—	—	—	5.7	5.4	—
Office and administrative support	4.3	7.9	3.4	2.4	2.5	6.9
Natural resources, construction, and maintenance	1.5	1.8	3.7	4.5	4.5	—
Construction and extraction	2.0	2.7	2.2	9.3	9.4	—
Installation, maintenance, and repair	2.5	3.0	8.7	5.4	5.4	—
Production, transportation, and material moving	2.6	2.7	3.3	4.3	4.3	—
Production	1.5	1.5	—	6.1	6.1	—
Transportation and material moving	5.5	6.0	4.5	7.5	7.5	—

¹ Union workers are those whose wages are determined through collective bargaining.

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

information.

⁴ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 18. Time and incentive workers¹: Mean hourly earnings² for major occupational groups, Detroit-Warren-Flint, MI CSA, May 2009

Occupational group ³	Time		Incentive	
	Civilian workers	Private industry workers	Civilian workers	Private industry workers
All workers	\$23.07	\$22.03	\$31.63	\$31.63
Management, professional, and related	34.98	33.91	62.62	62.62
Management, business, and financial	37.73	37.27	—	—
Professional and related	33.85	32.32	87.37	87.37
Service	11.80	9.81	—	—
Sales and office	16.37	16.01	23.16	23.16
Sales and related	17.07	16.47	25.34	25.34
Office and administrative support	16.14	15.84	16.93	16.93
Natural resources, construction, and maintenance	23.13	23.07	19.85	19.85
Construction and extraction	—	24.49	—	—
Installation, maintenance, and repair	22.20	22.10	19.85	19.85
Production, transportation, and material moving	21.30	21.41	—	—
Production	21.98	21.98	—	—
Transportation and material moving	20.38	20.59	—	—
	Relative error ⁴ (percent)			
All workers	2.2	2.4	25.9	25.9
Management, professional, and related	2.6	2.8	43.8	43.8
Management, business, and financial	3.8	3.8	—	—
Professional and related	2.8	3.3	38.8	38.8
Service	2.7	3.8	—	—
Sales and office	3.2	3.5	6.7	6.7
Sales and related	9.5	9.4	7.2	7.2
Office and administrative support	2.0	2.3	11.6	11.6
Natural resources, construction, and maintenance	3.8	4.3	3.1	3.1
Construction and extraction	—	4.7	—	—
Installation, maintenance, and repair	5.7	6.1	3.1	3.1
Production, transportation, and material moving	2.5	2.5	—	—
Production	1.9	1.9	—	—
Transportation and material moving	4.3	4.6	—	—

¹ Wages of time workers are based solely on hourly rate or salary. Incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000

Standard Occupational Classification (SOC) system. See appendix B for more information.

⁴ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 19. Industry sector¹: Mean hourly earnings² for private industry workers by major occupational group, Detroit-Warren-Flint, MI CSA, May 2009

Occupational group ³	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
All workers	–	\$26.82	\$18.80	–	\$22.42	\$27.21	\$24.40	–	\$16.82
Management, professional, and related	–	39.20	31.67	–	32.88	37.07	34.13	–	27.12
Management, business, and financial	–	42.15	32.72	–	32.89	36.53	36.90	–	–
Professional and related	–	37.16	30.69	–	32.85	37.39	33.84	–	–
Service	–	15.81	9.41	–	–	11.39	11.89	–	–
Sales and office	–	20.14	14.48	–	19.63	17.70	15.40	–	15.54
Sales and related	–	28.51	14.61	–	31.01	22.85	–	–	–
Office and administrative support	–	18.70	14.29	–	16.18	16.66	15.40	–	15.79
Natural resources, construction, and maintenance	–	29.77	21.81	–	–	14.10	–	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	–	28.91	21.86	–	–	12.62	–	–	–
Production, transportation, and material moving	–	23.22	22.83	–	–	15.28	13.01	–	9.86
Production	–	23.65	17.97	–	–	15.43	12.69	–	–
Transportation and material moving ...	–	19.34	23.83	–	–	15.19	–	–	10.23
	Relative error ⁴ (percent)								
All workers	–	2.5	4.1	–	8.0	4.1	14.7	–	25.3
Management, professional, and related	–	2.0	8.2	–	7.7	4.2	18.7	–	14.9
Management, business, and financial	–	4.6	27.7	–	8.6	8.5	18.4	–	–
Professional and related	–	3.5	17.0	–	7.5	3.5	20.7	–	–
Service	–	23.6	3.7	–	–	11.8	4.0	–	–
Sales and office	–	6.0	4.4	–	6.7	3.7	4.5	–	21.7
Sales and related	–	13.2	6.3	–	23.9	8.9	–	–	–
Office and administrative support	–	10.3	5.0	–	5.5	5.1	4.5	–	29.5
Natural resources, construction, and maintenance	–	1.6	6.3	–	–	8.7	–	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	–	2.0	7.5	–	–	1.3	–	–	–
Production, transportation, and material moving	–	2.7	5.0	–	–	4.5	5.5	–	9.7
Production	–	2.2	10.8	–	–	17.8	6.3	–	–
Transportation and material moving ...	–	7.9	5.7	–	–	5.7	–	–	6.1

¹ Industry sectors are determined by the 2007 North American Industry Classification System (NAICS).

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁴ 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. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Appendix A: Technical Note

This section provides basic information on the procedures and concepts used to produce the data contained in this bulletin. It is divided into three parts: Planning for the survey; data collection; and processing and analyzing the data. Although this section answers some questions commonly asked by data users, it is not a comprehensive description of all of the steps required to produce the data.

Planning for the survey

The overall design of the National Compensation Survey (NCS) includes questions of scope, frame, and sample selection.

Survey scope

This survey covered establishments employing one worker or more in private goods-producing industries (mining, construction, and manufacturing); private service-providing industries (trade, transportation, and utilities, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services); State governments; and local governments. Agriculture, forestry, fishing and hunting, private households, and the Federal Government were excluded from the scope of the survey. For purposes of this survey, an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government agency within the sampled area.

The statistical area covered by this survey is defined by the U.S. Office of Management and Budget (OMB) as of December 2003. The Detroit–Warren–Flint, MI, Combined Statistical Area (CSA) includes:

- Ann Arbor, MI, Metropolitan Statistical Area: Washtenaw County, MI
- Detroit–Warren–Livonia, MI, Metropolitan Statistical Area: Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties, MI
- Flint, MI, Metropolitan Statistical Area: Genesee County, MI
- Monroe, MI, Metropolitan Statistical Area: Monroe County, MI

Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. Approximately one-fifth of the private industry sample is reselected each year. The sampling frame for State and local government establishments is revised every 10 years.

Sample design

The sample for this survey area was selected using a two-stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy that were not selected for collection. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

Data collection

The collection of data from survey respondents required detailed procedures. Field economists collected the data, working out of the Bureau of Labor Statistics' (BLS) Regional Offices and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to clarify and update data.

Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multistep process:

1. Probability-proportional-to-size selection of establishment jobs

2. Classification of jobs into occupations based on the 2000 Standard Occupational Classification (SOC) system
3. Characterization of jobs as full-time versus part-time, union versus nonunion, and time versus incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers whose jobs could be characterized by the criteria identified in the last three steps. If a specific work level could not be determined, wages were still collected.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment.

As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The number of jobs for which data were collected in each establishment was based on the establishment's employment size. The number of jobs selected followed this schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
1-49	Up to 4
50-249	6
250 or more	8

Exceptions include State and local government units, for which up to 20 jobs may be selected, and the aircraft manufacturing industry units (those matching NAICS code 336411) for which up to 32 jobs may be selected.

The second step of the process entailed classifying the selected jobs into occupations based on their duties. NCS uses the 2000 Standard Occupational Classification (SOC) system. A selected job may fall into any one of about 800 occupational classifications, from accountant to zoologist. When workers could be classified in more than one occupation, they were classified in the occupation that required the higher skill level. When there was no perceptible difference in skill level, the workers were classified in the occupation that described their primary activity.

Each occupational classification is an element of a broader classification known as a major group. Occupations can fall into any of 22 major groups. Appendix B contains a complete list of all individual occupations, classified by the major group to which they belong.

In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job,

depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being in a union job or a nonunion job. See the "Definition of terms" section on the following page for more detail.

Occupational leveling

In the last step before wage data were collected, the work level of each selected job was determined using a "point factor leveling" process. Point factor leveling matches certain aspects of a job to specific levels of work with assigned point values. Points for each factor are then totaled to determine the overall work level for the job.

The NCS program is in the process of converting from a nine-factor to a four-factor occupational leveling system. The conversion is being phased in via annual NCS sample replenishment groups and will require several years for full implementation. The four occupational leveling factors are:

- Knowledge
- Job controls and complexity
- Contacts (nature and purpose)
- Physical environment

Each factor consists of several levels, and each level has an associated description and assigned points. A knowledge guide for 24 families of closely related occupations contains short definitions of the point levels of knowledge expected for the occupations and presents relevant examples. The other three factors use identical descriptions for all occupational categories and contain a definition of each point level within each factor.

The description within each factor best matching the job is chosen. The point levels within each factor are designed to describe the thresholds of distinct levels of work. When a job does not meet the full description of a point level, the next lowest point level is used. Points for the four factors are totaled to determine the overall work level. NCS publishes data for up to 15 work levels.

Most supervisory occupations are evaluated based on their duties and responsibilities. A modified approach is used for professional and administrative supervisors when they direct professional work and are paid primarily to supervise. Such supervisory occupations are leveled based on the work level of the highest position reporting to them.

For a complete description of point factor leveling, refer to the publication "National Compensation Survey: Guide for Evaluating Your Firm's Jobs and Pay," available at the BLS National Compensation Survey Internet site at <http://www.bls.gov/ncs/ocs/sp/ncbr0004.pdf>.

Combined work levels

This bulletin includes a table which simplifies the presentation of work levels by combining them into four broad groups. The groups were determined by combinations of knowledge, job controls and complexity, contacts, physical

environment, and supervisory duties, and are meant to be comparable across different occupations. The broad groups and the combined work levels are:

<i>Group designation</i>	<i>Levels combined</i>
Group I	Levels 1–4
Group II	Levels 5–8
Group III	Levels 9–12
Group IV	Levels 13–15

Collection period

Survey data were collected over a 14-month period for the larger metropolitan areas in the NCS program. For the smaller metropolitan areas, data were collected over a 5-month period. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (such as Christmas and profit-sharing bonuses)
- Uniform and tool allowances
- Free or subsidized room and board
- Payments made by third parties (for example, tips)
- On-call pay

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded.

Annual weeks worked were determined. Because salaried workers who are exempt from overtime provisions often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

The earnings estimates for aircraft pilots and flight engineers (SOC code 53-2010) and detailed occupations within this group, and the earnings estimates for flight attendants (SOC code 39-6031), included flight pay and flight hours only; these estimates may not reflect the total earnings and hours worked.

Union workers

The NCS defines a union worker as any employee in a union occupation when all of the following conditions are met: a labor organization is recognized as the bargaining agent for all workers in the occupation; wage and salary rates are determined through collection bargaining or negotiations; and settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement. A nonunion worker is an employee in an occupation not meeting the conditions for union coverage.

Processing and analyzing the data

Data were processed and analyzed at the BLS National Office following collection.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate data for the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member during the initial interview, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of data for the nonrespondents equals the mean value of data for the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group.

If average hourly earnings data were not provided by a sample member during the update interview, then missing average hourly earnings were imputed by multiplying prior average hourly earnings by the rate of change in the average hourly earnings of respondents. The regression model that takes into account available establishment characteristics is used to derive the rate of change in the average hourly earnings.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero.

Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work. The sample weight reflects the inverse of each unit's probability of selection at each sample selection stage and four weight adjustment factors. The first factor adjusts for establishment nonresponse and the second factor adjusts for occupational nonresponse. The third factor adjusts for any special situations that may have occurred during data collection. The fourth factor, post-stratification, also called benchmarking, is introduced to adjust estimated employment totals to the current counts of employment by industry. The latest available employment counts were used to derive average hourly earnings in this publication.

Not all calculated series met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

Estimates of the number of workers represent the total in all establishments within the scope of the study, and not the number actually surveyed. Because occupational structures among establishments differ, estimates of the number of workers obtained from the sample of establishments serve to indicate only the relative importance of the occupational groups studied.

Percentiles

The percentiles presented in tables 6 through 10 are computed using earnings reported for individual workers in sampled establishment jobs and their scheduled hours of work. Establishments in the survey may report only individual-worker earnings for each sampled job. For the calculation of percentile estimates, the individual-worker hourly earnings are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution within each published occupation. At the 50th percentile, the me-

dian, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

Data reliability

The data in this bulletin are estimates from a scientifically selected probability sample. There are two types of errors possible in an estimate based on a sample survey, sampling and nonsampling.

Sampling errors occur because observations come only from a sample and not from an entire population. The sample used for this survey is one of a number of possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. RSE data are provided alongside the earnings data in the bulletin tables.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$17.75, with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is from \$17.46 to \$18.04 (\$17.75 minus and plus \$0.29, where \$0.29 is the product of 1.645 times 1.0 percent times \$17.75). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data, computer edits of the data, and detailed data review.

Appendix table 1. **Number of workers¹ represented by the survey, Detroit-Warren-Flint, MI CSA, May 2009**

Occupational group ²	Civilian workers	Private industry workers	State and local government workers
All workers	1,919,700	1,636,500	283,200
Management, professional, and related	620,900	471,500	149,400
Management, business, and financial	157,200	135,300	21,900
Professional and related	463,600	336,200	127,500
Service	412,400	341,000	71,400
Sales and office	432,200	393,400	38,800
Sales and related	136,700	134,500	–
Office and administrative support	295,600	258,900	36,700
Natural resources, construction, and maintenance	114,200	104,400	9,800
Construction and extraction	45,400	40,100	5,300
Installation, maintenance, and repair	68,900	64,400	4,500
Production, transportation, and material moving	339,900	326,200	13,700
Production	176,900	176,600	–
Transportation and material moving	163,100	149,700	13,400

¹ The number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison to other statistical series to measure employment trends or levels.

² Workers are classified by occupation using the

2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Appendix table 2. **Survey establishment response, Detroit-Warren-Flint, MI CSA, May 2009**

Establishments	Total	Private industry	State and local government
Total in sampling frame ¹	63,498	61,658	1,839
Total in sample	701	630	71
Responding	449	381	68
Refused or unable to provide data	150	147	3
Out of business or not in survey scope	102	102	0

¹ The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports and is based on the 2007 North American Industry Classification System (NAICS). For private industries, an establishment is usually a single physical location. For State and local governments, an establishment is defined as all locations of a

government entity.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Appendix B. Standard Occupational Classification System

The Standard Occupational Classification (SOC) system is used by all Federal statistical agencies. Workers are classified into one of approximately 800 detailed occupations. To facilitate classification, occupations are combined to form major groups, minor groups, and broad occupations. Each item in the hierarchy is designated by a six-digit code. Major group codes end with 0000, minor groups end with 000, and broad occupations end with 0. The following list is used by the National Compensation Survey (NCS) for publication.

11-0000	Management Occupations	11-9121	Natural Sciences Managers
11-1011	Chief Executives	11-9141	Property, Real Estate, and Community Association Managers
11-1021	General and Operations Managers	11-9151	Social and Community Service Managers
11-1031	Legislators		
11-2011	Advertising and Promotions Managers	13-0000	Business and Financial Operations Occupations
11-2020	Marketing and Sales Managers	13-1011	Agents and Business Managers of Artists, Performers, and Athletes
11-2021	Marketing Managers	13-1020	Buyers and Purchasing Agents
11-2022	Sales Managers	13-1021	Purchasing Agents and Buyers, Farm Products
11-2031	Public Relations Managers	13-1022	Wholesale and Retail Buyers, Except Farm Products
11-3011	Administrative Services Managers	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products
11-3021	Computer and Information Systems Managers	13-1030	Claims Adjusters, Appraisers, Examiners, and Investigators
11-3031	Financial Managers	13-1031	Claims Adjusters, Examiners, and Investigators
11-3040	Human Resources Managers	13-1032	Insurance Appraisers, Auto Damage Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation
11-3041	Compensation and Benefits Managers	13-1041	Cost Estimators
11-3042	Training and Development Managers	13-1051	Emergency Management Specialists
11-3051	Industrial Production Managers	13-1061	Human Resources, Training, and Labor Relations Specialists
11-3061	Purchasing Managers	13-1070	Employment, Recruitment, and Placement Specialists
11-3071	Transportation, Storage, and Distribution Managers	13-1071	Compensation, Benefits, and Job Analysis Specialists
11-9010	Agricultural Managers	13-1072	Training and Development Specialists
11-9011	Farm, Ranch, and Other Agricultural Managers	13-1073	Logisticians
11-9012	Farmers and Ranchers	13-1081	Management Analysts
11-9021	Construction Managers	13-1111	Meeting and Convention Planners
11-9030	Education Administrators	13-1121	Accountants and Auditors
11-9031	Education Administrators, Preschool and Child Care Center/Program	13-2011	
11-9032	Education Administrators, Elementary and Secondary School		
11-9033	Education Administrators, Postsecondary		
11-9041	Engineering Managers		
11-9051	Food Service Managers		
11-9061	Funeral Directors		
11-9071	Gaming Managers		
11-9081	Lodging Managers		
11-9111	Medical and Health Services Managers		

13-2021	Appraisers and Assessors of Real Estate	17-2041	Chemical Engineers
13-2031	Budget Analysts	17-2051	Civil Engineers
13-2041	Credit Analysts	17-2061	Computer Hardware Engineers
13-2050	Financial Analysts and Advisors	17-2070	Electrical and Electronics Engineers
13-2051	Financial Analysts	17-2071	Electrical Engineers
13-2052	Personal Financial Advisors	17-2072	Electronics Engineers, Except Computer
13-2053	Insurance Underwriters	17-2081	Environmental Engineers
13-2061	Financial Examiners	17-2110	Industrial Engineers, Including Health and Safety
13-2070	Loan Counselors and Officers		
13-2071	Loan Counselors	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
13-2072	Loan Officers		
13-2080	Tax Examiners, Collectors, Preparers, and Revenue Agents	17-2112	Industrial Engineers
13-2081	Tax Examiners, Collectors, and Revenue Agents	17-2121	Marine Engineers and Naval Architects
13-2082	Tax Preparers	17-2131	Materials Engineers
		17-2141	Mechanical Engineers
		17-2151	Mining and Geological Engineers, Including Mining Safety Engineers
15-0000	Computer and Mathematical Science Occupations	17-2161	Nuclear Engineers
15-1011	Computer and Information Scientists, Research	17-2171	Petroleum Engineers
15-1021	Computer Programmers	17-3010	Drafters
15-1030	Computer Software Engineers	17-3011	Architectural and Civil Drafters
15-1031	Computer Software Engineers, Applications	17-3012	Electrical and Electronics Drafters
15-1032	Computer Software Engineers, Systems Software	17-3013	Mechanical Drafters
15-1041	Computer Support Specialists	17-3020	Engineering Technicians, Except Drafters
15-1051	Computer Systems Analysts	17-3021	Aerospace Engineering and Operations Technicians
15-1061	Database Administrators	17-3022	Civil Engineering Technicians
15-1071	Network and Computer Systems Administrators	17-3023	Electrical and Electronic Engineering Technicians
15-1081	Network Systems and Data Communications Analysts	17-3024	Electro-Mechanical Technicians
15-2011	Actuaries	17-3025	Environmental Engineering Technicians
15-2021	Mathematicians	17-3026	Industrial Engineering Technicians
15-2031	Operations Research Analysts	17-3027	Mechanical Engineering Technicians
15-2041	Statisticians	17-3031	Surveying and Mapping Technicians
15-2090	Miscellaneous Mathematical Science Occupations	19-0000	Life, Physical, and Social Science Occupations
15-2091	Mathematical Technicians	19-1000	Life Scientists
		19-1010	Agricultural and Food Scientists
		19-1011	Animal Scientists
		19-1012	Food Scientists and Technologists
17-0000	Architecture and Engineering Occupations	19-1013	Soil and Plant Scientists
17-1010	Architects, Except Naval	19-1020	Biological Scientists
17-1011	Architects, Except Landscape and Naval	19-1021	Biochemists and Biophysicists
17-1012	Landscape Architects	19-1022	Microbiologists
17-1020	Surveyors, Cartographers, and Photogrammetrists	19-1023	Zoologists and Wildlife Biologists
17-1021	Cartographers and Photogrammetrists	19-1030	Conservation Scientists and Foresters
17-1022	Surveyors	19-1031	Conservation Scientists
17-2000	Engineers	19-1032	Foresters
17-2011	Aerospace Engineers	19-1040	Medical Scientists
17-2021	Agricultural Engineers	19-1041	Epidemiologists
17-2031	Biomedical Engineers	19-1042	Medical Scientists, Except Epidemiologists
		19-2000	Physical Scientists
		19-2010	Astronomers and Physicists

19-2011	Astronomers	21-1023	Mental Health and Substance Abuse Social Workers
19-2012	Physicists	21-1090	Miscellaneous Community and Social Service Specialists
19-2021	Atmospheric and Space Scientists	21-1091	Health Educators
19-2030	Chemists and Materials Scientists	21-1092	Probation Officers and Correctional Treatment Specialists
19-2031	Chemists	21-1093	Social and Human Service Assistants
19-2032	Materials Scientists	21-2011	Clergy
19-2040	Environmental Scientists and Geoscientists	21-2021	Directors, Religious Activities and Education
19-2041	Environmental Scientists and Specialists, Including Health		
19-2042	Geoscientists, Except Hydrologists and Geographers	23-0000	Legal Occupations
19-2043	Hydrologists	23-1011	Lawyers
19-3011	Economists	23-1020	Judges, Magistrates, and Other Judicial Workers
19-3020	Market and Survey Researchers	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers
19-3021	Market Research Analysts	23-1022	Arbitrators, Mediators, and Conciliators
19-3022	Survey Researchers	23-1023	Judges, Magistrate Judges, and Magistrates
19-3030	Psychologists	23-2011	Paralegals and Legal Assistants
19-3031	Clinical, Counseling, and School Psychologists	23-2090	Miscellaneous Legal Support Workers
19-3032	Industrial-Organizational Psychologists	23-2091	Court Reporters
19-3041	Sociologists	23-2092	Law Clerks
19-3051	Urban and Regional Planners	23-2093	Title Examiners, Abstractors, and Searchers
19-3090	Miscellaneous Social Scientists and Related Workers		
19-3091	Anthropologists and Archeologists	25-0000	Education, Training and Library Occupations
19-3092	Geographers	25-1000	Postsecondary Teachers
19-3093	Historians	25-1011	Business Teachers, Postsecondary
19-3094	Political Scientists	25-1020	Math and Computer Teachers, Postsecondary
19-4011	Agricultural and Food Science Technicians	25-1021	Computer Science Teachers, Postsecondary
19-4021	Biological Technicians	25-1022	Mathematical Science Teachers, Postsecondary
19-4031	Chemical Technicians	25-1030	Engineering and Architecture Teachers, Postsecondary
19-4041	Geological and Petroleum Technicians	25-1031	Architecture Teachers, Postsecondary
19-4051	Nuclear Technicians	25-1032	Engineering Teachers, Postsecondary
19-4061	Social Science Research Assistants	25-1040	Life Sciences Teachers, Postsecondary
19-4090	Miscellaneous Life, Physical, and Social Science Technicians	25-1041	Agricultural Sciences Teachers, Postsecondary
19-4091	Environmental Science and Protection Technicians, Including Health	25-1042	Biological Science Teachers, Postsecondary
19-4092	Forensic Science Technicians	25-1043	Forestry and Conservation Science Teachers, Postsecondary
19-4093	Forest and Conservation Technicians	25-1050	Physical Sciences Teachers, Postsecondary
21-0000	Community and Social Services Occupations	25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
21-1010	Counselors	25-1052	Chemistry Teachers, Postsecondary
21-1011	Substance Abuse and Behavioral Disorder Counselors	25-1053	Environmental Science Teachers, Postsecondary
21-1012	Educational, Vocational, and School Counselors	25-1054	Physics Teachers, Postsecondary
21-1013	Marriage and Family Therapists	25-1060	Social Sciences Teachers, Postsecondary
21-1014	Mental Health Counselors	25-1061	Anthropology and Archeology Teachers, Postsecondary
21-1015	Rehabilitation Counselors		
21-1020	Social Workers		
21-1021	Child, Family, and School Social Workers		
21-1022	Medical and Public Health Social Workers		

25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-2030	Secondary School Teachers
25-1063	Economics Teachers, Postsecondary	25-2031	Secondary School Teachers, Except Special and Vocational Education
25-1064	Geography Teachers, Postsecondary	25-2032	Vocational Education Teachers, Secondary School
25-1065	Political Science Teachers, Postsecondary	25-2040	Special Education Teachers
25-1066	Psychology Teachers, Postsecondary	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School
25-1067	Sociology Teachers, Postsecondary	25-2042	Special Education Teachers, Middle School
25-1070	Health Teachers, Postsecondary	25-2043	Special Education Teachers, Secondary School
25-1071	Health Specialties Teachers, Postsecondary	25-3000	Other Teachers and Instructors
25-1072	Nursing Instructors and Teachers, Postsecondary	25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors
25-1080	Education and Library Science Teachers, Postsecondary	25-3021	Self-Enrichment Education Teachers
25-1081	Education Teachers, Postsecondary	25-4010	Archivists, Curators, and Museum Technicians
25-1082	Library Science Teachers, Postsecondary	25-4011	Archivists
25-1110	Law, Criminal Justice, and Social Work Teachers, Postsecondary	25-4012	Curators
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	25-4013	Museum Technicians and Conservators
25-1112	Law Teachers, Postsecondary	25-4021	Librarians
25-1113	Social Work Teachers, Postsecondary	25-4031	Library Technicians
25-1120	Arts, Communications, and Humanities Teachers, Postsecondary	25-9011	Audio-Visual Collections Specialists
25-1121	Art, Drama, and Music Teachers, Postsecondary	25-9021	Farm and Home Management Advisors
25-1122	Communications Teachers, Postsecondary	25-9031	Instructional Coordinators
25-1123	English Language and Literature Teachers, Postsecondary	25-9041	Teacher Assistants
25-1124	Foreign Language and Literature Teachers, Postsecondary	27-0000	Arts, Design, Entertainment, Sports, and Media Occupations
25-1125	History Teachers, Postsecondary	27-1010	Artists and Related Workers
25-1126	Philosophy and Religion Teachers, Postsecondary	27-1011	Art Directors
25-1190	Miscellaneous Postsecondary Teachers	27-1012	Craft Artists
25-1191	Graduate Teaching Assistants	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators
25-1192	Home Economics Teachers, Postsecondary	27-1014	Multi-Media Artists and Animators
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	27-1020	Designers
25-1194	Vocational Education Teachers, Postsecondary	27-1021	Commercial and Industrial Designers
25-2000	Primary, Secondary, and Special Education School Teachers	27-1022	Fashion Designers
25-2010	Preschool and Kindergarten Teachers	27-1023	Floral Designers
25-2011	Preschool Teachers, Except Special Education	27-1024	Graphic Designers
25-2012	Kindergarten Teachers, Except Special Education	27-1025	Interior Designers
25-2020	Elementary and Middle School Teachers	27-1026	Merchandise Displayers and Window Trimmers
25-2021	Elementary School Teachers, Except Special Education	27-1027	Set and Exhibit Designers
25-2022	Middle School Teachers, Except Special and Vocational Education	27-2010	Actors, Producers, and Directors
25-2023	Vocational Education Teachers, Middle School	27-2011	Actors
		27-2012	Producers and Directors
		27-2020	Athletes, Coaches, Umpires, and Related Workers
		27-2021	Athletes and Sports Competitors
		27-2022	Coaches and Scouts
		27-2023	Umpires, Referees, and Other Sports Officials
		27-2030	Dancers and Choreographers

27-2031	Dancers	29-1081	Podiatrists
27-2032	Choreographers	29-1111	Registered Nurses
27-2040	Musicians, Singers, and Related Workers	29-1120	Therapists
27-2041	Music Directors and Composers	29-1121	Audiologists
27-2042	Musicians and Singers	29-1122	Occupational Therapists
27-3010	Announcers	29-1123	Physical Therapists
27-3011	Radio and Television Announcers	29-1124	Radiation Therapists
27-3012	Public Address System and Other Announcers	29-1125	Recreational Therapists
27-3020	News Analysts, Reporters and Correspondents	29-1126	Respiratory Therapists
27-3021	Broadcast News Analysts	29-1127	Speech-Language Pathologists
27-3022	Reporters and Correspondents	29-1131	Veterinarians
27-3031	Public Relations Specialists	29-2010	Clinical Laboratory Technologists and Technicians
27-3040	Writers and Editors	29-2011	Medical and Clinical Laboratory Technologists
27-3041	Editors	29-2012	Medical and Clinical Laboratory Technicians
27-3042	Technical Writers	29-2021	Dental Hygienists
27-3043	Writers and Authors	29-2030	Diagnostic Related Technologists and Technicians
27-3090	Miscellaneous Media and Communication Workers	29-2031	Cardiovascular Technologists and Technicians
27-3091	Interpreters and Translators	29-2032	Diagnostic Medical Sonographers
27-4010	Broadcast and Sound Engineering Technicians and Radio Operators	29-2033	Nuclear Medicine Technologists
27-4011	Audio and Video Equipment Technicians	29-2034	Radiologic Technologists and Technicians
27-4012	Broadcast Technicians	29-2041	Emergency Medical Technicians and Paramedics
27-4013	Radio Operators	29-2050	Health Diagnosing and Treating Practitioner Support Technicians
27-4014	Sound Engineering Technicians	29-2051	Dietetic Technicians
27-4021	Photographers	29-2052	Pharmacy Technicians
27-4030	Television, Video, and Motion Picture Camera Operators and Editors	29-2053	Psychiatric Technicians
27-4031	Camera Operators, Television, Video, and Motion Picture	29-2054	Respiratory Therapy Technicians
27-4032	Film and Video Editors	29-2055	Surgical Technologists
		29-2056	Veterinary Technologists and Technicians
29-0000	Healthcare Practitioner and Technical Occupations	29-2061	Licensed Practical and Licensed Vocational Nurses
29-1011	Chiropractors	29-2071	Medical Records and Health Information Technicians
29-1020	Dentists	29-2081	Opticians, Dispensing
29-1021	Dentists, General	29-2090	Miscellaneous Health Technologists and Technicians
29-1022	Oral and Maxillofacial Surgeons	29-2091	Orthotists and Prosthetists
29-1023	Orthodontists	29-9010	Occupational Health and Safety Specialists and Technicians
29-1024	Prosthodontists	29-9011	Occupational Health and Safety Specialists
29-1031	Dietitians and Nutritionists	29-9012	Occupational Health and Safety Technicians
29-1041	Optometrists	29-9090	Miscellaneous Healthcare Practitioner and Technical Workers
29-1051	Pharmacists	29-9091	Athletic Trainers
29-1060	Physicians and Surgeons		
29-1061	Anesthesiologists	31-0000	Healthcare Support Occupations
29-1062	Family and General Practitioners	31-1010	Nursing, Psychiatric, and Home Health Aides
29-1063	Internists, General	31-1011	Home Health Aides
29-1064	Obstetricians and Gynecologists		
29-1065	Pediatricians, General		
29-1066	Psychiatrists		
29-1067	Surgeons		
29-1071	Physician Assistants		

31-1012	Nursing Aides, Orderlies, and Attendants	35-0000	Food Preparation and Serving Related Occupations
31-1013	Psychiatric Aides		
31-2010	Occupational Therapist Assistants and Aides	35-1010	First-Line Supervisors/Managers, Food Preparation and Serving Workers
31-2011	Occupational Therapist Assistants		
31-2012	Occupational Therapist Aides	35-1011	Chefs and Head Cooks
31-2020	Physical Therapist Assistants and Aides	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers
31-2021	Physical Therapist Assistants		
31-2022	Physical Therapist Aides	35-2010	Cooks
31-9011	Massage Therapists	35-2011	Cooks, Fast Food
31-9090	Miscellaneous Healthcare Support Occupations	35-2012	Cooks, Institution and Cafeteria
		35-2014	Cooks, Restaurant
31-9091	Dental Assistants	35-2015	Cooks, Short Order
31-9092	Medical Assistants	35-2021	Food Preparation Workers
31-9093	Medical Equipment Preparers	35-3011	Bartenders
31-9094	Medical Transcriptionists	35-3020	Fast Food and Counter Workers
31-9095	Pharmacy Aides	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	35-3022	Counter Attendants, Cafeteria, Food
		35-3031	Waiters and Waitresses
33-0000	Protective Service Occupations	35-3041	Food Servers, Nonrestaurant
33-1010	First-Line Supervisors/Managers, Law Enforcement Workers	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers
33-1011	First-Line Supervisors/Managers of Correctional Officers	35-9021	Dishwashers
33-1012	First-Line Supervisors/Managers of Police and Detectives	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers		Note: NCS tables may include the special group Food Service, Tipped, combining Bartenders, Waiters and Waitresses, and Dining Room and Cafeteria Attendants and Bartender Helpers.
33-2011	Fire Fighters		
33-2020	Fire Inspectors		
33-2021	Fire Inspectors and Investigators	37-0000	Building and Grounds Cleaning and Maintenance Occupations
33-2022	Forest Fire Inspectors and Prevention Specialists	37-1010	First-Line Supervisors/Managers, Building and Grounds Cleaning and Maintenance Workers
33-3010	Bailiffs, Correctional Officers, and Jailers		
33-3011	Bailiffs	37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers
33-3012	Correctional Officers and Jailers		
33-3021	Detectives and Criminal Investigators	37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers
33-3031	Fish and Game Wardens		
33-3041	Parking Enforcement Workers	37-2010	Building Cleaning Workers
33-3050	Police Officers	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners
33-3051	Police and Sheriff's Patrol Officers	37-2012	Maids and Housekeeping Cleaners
33-3052	Transit and Railroad Police	37-2021	Pest Control Workers
33-9011	Animal Control Workers	37-3010	Grounds Maintenance Workers
33-9021	Private Detectives and Investigators	37-3011	Landscaping and Groundskeeping Workers
33-9030	Security Guards and Gaming Surveillance Officers	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation
33-9031	Gaming Surveillance Officers and Gaming Investigators	37-3013	Tree Trimmers and Pruners
33-9032	Security Guards		
33-9090	Miscellaneous Protective Service Workers	39-0000	Personal Care and Service Occupations
33-9091	Crossing Guards	39-1010	First-Line Supervisors/Managers of Gaming Workers
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers		

39-1011	Gaming Supervisors	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers
39-1012	Slot Key Persons		
39-1021	First-Line Supervisors/Managers of Personal Service Workers	41-2000	Retail Sales Workers
		41-2010	Cashiers, All Workers
39-2011	Animal Trainers	41-2011	Cashiers
39-2021	Nonfarm Animal Caretakers	41-2012	Gaming Change Persons and Booth Cashiers
39-3010	Gaming Services Workers	41-2020	Counter and Rental Clerks and Parts Salespersons
39-3011	Gaming Dealers		
39-3012	Gaming and Sports Book Writers and Runners	41-2021	Counter and Rental Clerks
		41-2022	Parts Salespersons
39-3021	Motion Picture Projectionists	41-2031	Retail Salespersons
39-3031	Ushers, Lobby Attendants, and Ticket Takers	41-3011	Advertising Sales Agents
		41-3021	Insurance Sales Agents
39-3090	Miscellaneous Entertainment Attendants and Related Workers	41-3031	Securities, Commodities, and Financial Services Sales Agents
39-3091	Amusement and Recreation Attendants	41-3041	Travel Agents
39-3092	Costume Attendants	41-4010	Sales Representatives, Wholesale and Manufacturing
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
39-4011	Embalmers		
39-4021	Funeral Attendants		
39-5010	Barbers and Cosmetologists	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
39-5011	Barbers		
39-5012	Hairdressers, Hairstylists, and Cosmetologists	41-9010	Models, Demonstrators, and Product Promoters
39-5090	Miscellaneous Personal Appearance Workers	41-9011	Demonstrators and Product Promoters
39-5091	Makeup Artists, Theatrical and Performance	41-9012	Models
39-5092	Manicurists and Pedicurists	41-9020	Real Estate Brokers and Sales Agents
39-5093	Shampooers	41-9021	Real Estate Brokers
39-5094	Skin Care Specialists	41-9022	Real Estate Sales Agents
39-6010	Baggage Porters, Bellhops, and Concierges	41-9031	Sales Engineers
39-6011	Baggage Porters and Bellhops	41-9041	Telemarketers
39-6012	Concierges	41-9090	Miscellaneous Sales and Related Workers
39-6020	Tour and Travel Guides	41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers
39-6021	Tour Guides and Escorts		
39-6022	Travel Guides		
39-6030	Transportation Attendants	43-0000	Office and Administrative Support Occupations
39-6031	Flight Attendants		
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers
39-9011	Child Care Workers	43-2011	Switchboard Operators, Including Answering Service
39-9021	Personal and Home Care Aides		
39-9030	Recreation and Fitness Workers	43-2021	Telephone Operators
39-9031	Fitness Trainers and Aerobics Instructors	43-3000	Financial Clerks
39-9032	Recreation Workers	43-3011	Bill and Account Collectors
39-9041	Residential Advisors	43-3021	Billing and Posting Clerks and Machine Operators
41-0000	Sales and Related Occupations	43-3031	Bookkeeping, Accounting, and Auditing Clerks
41-1010	First-Line Supervisors/Managers, Sales Workers	43-3041	Gaming Cage Workers
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	43-3051	Payroll and Timekeeping Clerks
		43-3061	Procurement Clerks

43-3071	Tellers	45-0000	Farming, Fishing, and Forestry Occupations
43-4011	Brokerage Clerks	45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers
43-4021	Correspondence Clerks	45-2011	Agricultural Inspectors
43-4031	Court, Municipal, and License Clerks	45-2021	Animal Breeders
43-4041	Credit Authorizers, Checkers, and Clerks	45-2041	Graders and Sorters, Agricultural Products
43-4051	Customer Service Representatives	45-2090	Miscellaneous Agricultural Workers
43-4061	Eligibility Interviewers, Government Programs	45-2091	Agricultural Equipment Operators
43-4071	File Clerks	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
43-4081	Hotel, Motel, and Resort Desk Clerks	45-2093	Farmworkers, Farm and Ranch Animals
43-4111	Interviewers, Except Eligibility and Loan	45-3011	Fishers and Related Fishing Workers
43-4121	Library Assistants, Clerical	45-3021	Hunters and Trappers
43-4131	Loan Interviewers and Clerks	45-4011	Forest and Conservation Workers
43-4141	New Accounts Clerks	45-4020	Logging Workers
43-4151	Order Clerks	45-4021	Fallers
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	45-4022	Logging Equipment Operators
43-4171	Receptionists and Information Clerks	45-4023	Log Graders and Scalars
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	47-0000	Construction and Extraction Occupations
43-5011	Cargo and Freight Agents	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
43-5021	Couriers and Messengers	47-2011	Boilermakers
43-5030	Dispatchers	47-2020	Brickmasons, Blockmasons, and Stonemasons
43-5031	Police, Fire, and Ambulance Dispatchers	47-2021	Brickmasons and Blockmasons
43-5032	Dispatchers, Except Police, Fire, and Ambulance	47-2022	Stonemasons
43-5041	Meter Readers, Utilities	47-2031	Carpenters
43-5061	Production, Planning, and Expediting Clerks	47-2040	Carpet, Floor, and Tile Installers and Finishers
43-5071	Shipping, Receiving, and Traffic Clerks	47-2041	Carpet Installers
43-5081	Stock Clerks and Order Fillers	47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	47-2043	Floor Sanders and Finishers
43-6010	Secretaries and Administrative Assistants	47-2044	Tile and Marble Setters
43-6011	Executive Secretaries and Administrative Assistants	47-2050	Cement Masons, Concrete Finishers, and Terrazzo Workers
43-6012	Legal Secretaries	47-2051	Cement Masons and Concrete Finishers
43-6013	Medical Secretaries	47-2053	Terrazzo Workers and Finishers
43-6014	Secretaries, Except Legal, Medical, and Executive	47-2061	Construction Laborers
43-9011	Computer Operators	47-2070	Construction Equipment Operators
43-9020	Data Entry and Information Processing Workers	47-2071	Paving, Surfacing, and Tamping Equipment Operators
43-9021	Data Entry Keyers	47-2072	Pile-Driver Operators
43-9022	Word Processors and Typists	47-2073	Operating Engineers and Other Construction Equipment Operators
43-9031	Desktop Publishers	47-2080	Drywall Installers, Ceiling Tile Installers, and Tapers
43-9041	Insurance Claims and Policy Processing Clerks	47-2081	Drywall and Ceiling Tile Installers
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	47-2082	Tapers
43-9061	Office Clerks, General	47-2111	Electricians
43-9071	Office Machine Operators, Except Computer	47-2121	Glaziers
43-9081	Proofreaders and Copy Markers		
43-9111	Statistical Assistants		

47-2130	Insulation Workers	49-0000	Installation, Maintenance, and Repair Occupations
47-2131	Insulation Workers, Floor, Ceiling, and Wall		
47-2132	Insulation Workers, Mechanical	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers
47-2140	Painters and Paperhangers		
47-2141	Painters, Construction and Maintenance	49-2011	Computer, Automated Teller, and Office Machine Repairers
47-2142	Paperhangers		
47-2150	Pipelayers, Plumbers, Pipefitters, and Steamfitters	49-2020	Radio and Telecommunications Equipment Installers and Repairers
47-2151	Pipelayers	49-2021	Radio Mechanics
47-2152	Plumbers, Pipefitters, and Steamfitters	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers
47-2161	Plasterers and Stucco Masons		
47-2171	Reinforcing Iron and Rebar Workers	49-2090	Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers
47-2181	Roofers		
47-2211	Sheet Metal Workers		
47-2221	Structural Iron and Steel Workers	49-2091	Avionics Technicians
47-3010	Helpers, Construction Trades	49-2092	Electric Motor, Power Tool, and Related Repairers
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment
47-3012	Helpers--Carpenters		
47-3013	Helpers--Electricians	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles
47-3016	Helpers--Roofers		
47-4011	Construction and Building Inspectors	49-2097	Electronic Home Entertainment Equipment Installers and Repairers
47-4021	Elevator Installers and Repairers		
47-4031	Fence Erectors	49-2098	Security and Fire Alarm Systems Installers
47-4041	Hazardous Materials Removal Workers	49-3011	Aircraft Mechanics and Service Technicians
47-4051	Highway Maintenance Workers	49-3020	Automotive Technicians and Repairers
47-4061	Rail-Track Laying and Maintenance Equipment Operators	49-3021	Automotive Body and Related Repairers
		49-3022	Automotive Glass Installers and Repairers
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	49-3023	Automotive Service Technicians and Mechanics
47-4090	Miscellaneous Construction and Related Workers	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists
47-4091	Segmental Pavers	49-3040	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics
47-5010	Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining	49-3041	Farm Equipment Mechanics
47-5011	Derrick Operators, Oil and Gas	49-3042	Mobile Heavy Equipment Mechanics, Except Engines
47-5012	Rotary Drill Operators, Oil and Gas		
47-5013	Service Unit Operators, Oil, Gas, and Mining	49-3043	Rail Car Repairers
		49-3050	Small Engine Mechanics
47-5021	Earth Drillers, Except Oil and Gas	49-3051	Motorboat Mechanics
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	49-3052	Motorcycle Mechanics
		49-3053	Outdoor Power Equipment and Other Small Engine Mechanics
47-5040	Mining Machine Operators		
47-5041	Continuous Mining Machine Operators	49-3090	Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
47-5042	Mine Cutting and Channeling Machine Operators		
47-5051	Rock Splitters, Quarry	49-3091	Bicycle Repairers
47-5061	Roof Bolters, Mining	49-3092	Recreational Vehicle Service Technicians
47-5071	Roustabouts, Oil and Gas	49-3093	Tire Repairers and Changers
47-5081	Helpers--Extraction Workers	49-9010	Control and Valve Installers and Repairers

49-9011	Mechanical Door Repairers	51-2091	Fiberglass Laminators and Fabricators
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	51-2092	Team Assemblers
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	51-2093	Timing Device Assemblers, Adjusters, and Calibrators
49-9031	Home Appliance Repairers	51-3011	Bakers
49-9040	Industrial Machinery Installation, Repair, and Maintenance Workers	51-3020	Butchers and Other Meat, Poultry, and Fish Processing Workers
49-9041	Industrial Machinery Mechanics	51-3021	Butchers and Meat Cutters
49-9042	Maintenance and Repair Workers, General	51-3022	Meat, Poultry, and Fish Cutters and Trimmers
49-9043	Maintenance Workers, Machinery	51-3023	Slaughterers and Meat Packers
49-9044	Millwrights	51-3090	Miscellaneous Food Processing Workers
49-9045	Refractory Materials Repairers, Except Brickmasons	51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
49-9050	Line Installers and Repairers	51-3092	Food Batchmakers
49-9051	Electrical Power-Line Installers and Repairers	51-3093	Food Cooking Machine Operators and Tenders
49-9052	Telecommunications Line Installers and Repairers	51-4010	Computer Control Programmers and Operators
49-9060	Precision Instrument and Equipment Repairers	51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
49-9061	Camera and Photographic Equipment Repairers	51-4012	Numerical Tool and Process Control Programmers
49-9062	Medical Equipment Repairers	51-4020	Forming Machine Setters, Operators, and Tenders, Metal and Plastic
49-9063	Musical Instrument Repairers and Tuners	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
49-9064	Watch Repairers	51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
49-9090	Miscellaneous Installation, Maintenance, and Repair Workers	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	51-4030	Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic
49-9092	Commercial Divers	51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
49-9093	Fabric Menders, Except Garment	51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9094	Locksmiths and Safe Repairers	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9095	Manufactured Building and Mobile Home Installers	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9096	Riggers	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
49-9097	Signal and Track Switch Repairers	51-4041	Machinists
49-9098	Helpers--Installation, Maintenance, and Repair Workers	51-4050	Metal Furnace and Kiln Operators and Tenders
51-0000	Production Occupations	51-4051	Metal-Refining Furnace Operators and Tenders
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	51-4052	Pourers and Casters, Metal
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-4060	Model Makers and Patternmakers, Metal and Plastic
51-2020	Electrical, Electronics, and Electromechanical Assemblers	51-4061	Model Makers, Metal and Plastic
51-2021	Coil Winders, Tapers, and Finishers		
51-2022	Electrical and Electronic Equipment Assemblers		
51-2023	Electromechanical Equipment Assemblers		
51-2031	Engine and Other Machine Assemblers		
51-2041	Structural Metal Fabricators and Fitters		
51-2090	Miscellaneous Assemblers and Fabricators		

51-4062	Patternmakers, Metal and Plastic	51-6092	Fabric and Apparel Patternmakers
51-4070	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	51-6093	Upholsterers
51-4071	Foundry Mold and Coremakers	51-7011	Cabinetmakers and Bench Carpenters
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-7021	Furniture Finishers
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-7030	Model Makers and Patternmakers, Wood
51-4111	Tool and Die Makers	51-7031	Model Makers, Wood
51-4120	Welding, Soldering, and Brazing Workers	51-7032	Patternmakers, Wood
51-4121	Welders, Cutters, Solderers, and Brazers	51-7040	Woodworking Machine Setters, Operators, and Tenders
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
51-4190	Miscellaneous Metalworkers and Plastic Workers	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-8010	Power Plant Operators, Distributors, and Dispatchers
51-4192	Lay-Out Workers, Metal and Plastic	51-8011	Nuclear Power Reactor Operators
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51-8012	Power Distributors and Dispatchers
51-4194	Tool Grinders, Filers, and Sharpeners	51-8013	Power Plant Operators
51-5010	Bookbinders and Bindery Workers	51-8021	Stationary Engineers and Boiler Operators
51-5011	Bindery Workers	51-8031	Water and Liquid Waste Treatment Plant and System Operators
51-5012	Bookbinders	51-8090	Miscellaneous Plant and System Operators
51-5020	Printers	51-8091	Chemical Plant and System Operators
51-5021	Job Printers	51-8092	Gas Plant Operators
51-5022	Prepress Technicians and Workers	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers
51-5023	Printing Machine Operators	51-9010	Chemical Processing Machine Setters, Operators, and Tenders
51-6011	Laundry and Dry-Cleaning Workers	51-9011	Chemical Equipment Operators and Tenders
51-6021	Pressers, Textile, Garment, and Related Materials	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-6031	Sewing Machine Operators	51-9020	Crushing, Grinding, Polishing, Mixing, and Blending Workers
51-6040	Shoe and Leather Workers	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-6041	Shoe and Leather Workers and Repairers	51-9022	Grinding and Polishing Workers, Hand
51-6042	Shoe Machine Operators and Tenders	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-6050	Tailors, Dressmakers, and Sewers	51-9030	Cutting Workers
51-6051	Sewers, Hand	51-9031	Cutters and Trimmers, Hand
51-6052	Tailors, Dressmakers, and Custom Sewers	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-6060	Textile Machine Setters, Operators, and Tenders	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-9071	Jewelers and Precious Stone and Metal Workers
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-9080	Medical, Dental, and Ophthalmic Laboratory Technicians
51-6090	Miscellaneous Textile, Apparel, and Furnishings Workers		
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers		

51-9081	Dental Laboratory Technicians	53-3030	Driver/Sales Workers and Truck Drivers
51-9082	Medical Appliance Technicians	53-3031	Driver/Sales Workers
51-9083	Ophthalmic Laboratory Technicians	53-3032	Truck Drivers, Heavy and Tractor-Trailer
51-9111	Packaging and Filling Machine Operators and Tenders	53-3033	Truck Drivers, Light or Delivery Services
51-9120	Painting Workers	53-3041	Taxi Drivers and Chauffeurs
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	53-4010	Locomotive Engineers and Operators
51-9122	Painters, Transportation Equipment	53-4011	Locomotive Engineers
51-9123	Painting, Coating, and Decorating Workers	53-4012	Locomotive Firers
51-9130	Photographic Process Workers and Processing Machine Operators	53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers
51-9131	Photographic Process Workers	53-4021	Railroad Brake, Signal, and Switch Operators
51-9132	Photographic Processing Machine Operators	53-4031	Railroad Conductors and Yardmasters
51-9141	Semiconductor Processors	53-4041	Subway and Streetcar Operators
51-9190	Miscellaneous Production Workers	53-5011	Sailors and Marine Oilers
51-9191	Cementing and Gluing Machine Operators and Tenders	53-5020	Ship and Boat Captains and Operators
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	53-5021	Captains, Mates, and Pilots of Water Vessels
51-9193	Cooling and Freezing Equipment Operators and Tenders	53-5022	Motorboat Operators
51-9194	Etchers and Engravers	53-5031	Ship Engineers
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	53-6011	Bridge and Lock Tenders
51-9196	Paper Goods Machine Setters, Operators, and Tenders	53-6021	Parking Lot Attendants
51-9197	Tire Builders	53-6031	Service Station Attendants
51-9198	Helpers--Production Workers	53-6041	Traffic Technicians
53-0000	Transportation and Material Moving Occupations	53-6051	Transportation Inspectors
53-1011	Aircraft Cargo Handling Supervisors	53-7011	Conveyor Operators and Tenders
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	53-7021	Crane and Tower Operators
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	53-7030	Dredge, Excavating, and Loading Machine Operators
53-2010	Aircraft Pilots and Flight Engineers	53-7031	Dredge Operators
53-2011	Airline Pilots, Copilots, and Flight Engineers	53-7032	Excavating and Loading Machine and Dragline Operators
53-2012	Commercial Pilots	53-7033	Loading Machine Operators, Underground Mining
53-2020	Air Traffic Controllers and Airfield Operations Specialists	53-7041	Hoist and Winch Operators
53-2021	Air Traffic Controllers	53-7051	Industrial Truck and Tractor Operators
53-2022	Airfield Operations Specialists	53-7060	Laborers and Material Movers, Hand
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-7061	Cleaners of Vehicles and Equipment
53-3020	Bus Drivers	53-7062	Laborers and Freight, Stock, and Material Movers, Hand
53-3021	Bus Drivers, Transit and Intercity	53-7063	Machine Feeders and Offbearers
53-3022	Bus Drivers, School	53-7064	Packers and Packagers, Hand
		53-7070	Pumping Station Operators
		53-7071	Gas Compressor and Gas Pumping Station Operators
		53-7072	Pump Operators, Except Wellhead Pumpers
		53-7073	Wellhead Pumpers
		53-7081	Refuse and Recyclable Material Collectors
		53-7111	Shuttle Car Operators
		53-7121	Tank Car, Truck, and Ship Loaders