

# **Detroit–Ann Arbor–Flint, MI National Compensation Survey April 2004**

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December 2004

Bulletin 3125–37

# 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 firms and government jurisdictions 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 [ocltinfo@bls.gov](mailto:ocltinfo@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. An ASCII file containing positional columns of data for manipulation as a data base or spreadsheet also is available.

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.

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# Introduction

The tables in this bulletin summarize the NCS results for the Detroit–Ann Arbor–Flint, MI, metropolitan area. Data were collected between September 2003 and October 2004; the average reference month is April 2004. 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 several appendixes with detailed information on occupational classifications and the occupational leveling methodology.

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 firefighters, 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 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. Another product, Employer Costs for Employee Compensation, measures employers' average hourly costs for total compensation, that is, wages and benefits. Still another NCS product measures the incidence and provisions of benefit plans. This bulletin is limited to data on occupational wages and salaries.

## 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 480 detailed occupations 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 1–1 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 major occupational group, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods and service producing and size of establishment.

Table 2–1 presents estimates of mean hourly earnings, and the relative standard errors associated with them, for detailed occupations within all industries, private industry, and State and local government. Table 2–2 presents the same type of information for full-time workers only. Table 2–3 provides similar data for workers designated as part-time.

Table 3–1 provides mean weekly earnings data, with relative standard errors, and weekly hours for full-time employees in specific occupations across all industries, private industry, and State and local government. Table 3–2 provides annual earnings, relative standard errors, and annual hours for full-time employees in specific occupations.

Table 4–1 provides mean hourly earnings data by work level for occupational groups and for detailed occupations. Separate data are also shown for private industry and government workers. Table 4–2 provides work level data for full-time workers. Table 4–3 provides similar data for workers designated as part-time.

Table 5–1 presents mean hourly earnings data for selected worker characteristics by major occupational group. The worker characteristics include full-time or part-time designation, union or nonunion status, and time or incentive pay. Table 5–2 presents mean hourly earnings data for major industry divisions by occupational group; these estimates are limited to the private sector. Table 5–3 presents mean hourly earnings data for establishment employment sizes by major occupational group in the private sector.

Tables 6–1 through 6–5 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. These iterations correspond to those presented in tables 2–1, 2–2, and 2–3.

**Table 1-1. Summary: Mean hourly earnings<sup>1</sup> and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004**

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>
	Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)	
<b>Total</b> .....	\$22.68	2.0	36.4	\$22.03	2.2	36.6	\$25.70	3.4	35.3
<b>Worker characteristics:<sup>4</sup></b>									
White-collar occupations <sup>5</sup> .....	27.73	2.4	37.0	27.06	2.9	37.4	30.09	3.1	35.6
Professional specialty and technical .....	33.20	2.3	36.1	32.12	2.7	36.9	35.84	3.6	34.4
Executive, administrative, and managerial .....	36.92	4.3	39.9	37.48	4.9	40.2	33.52	5.5	38.6
Sales .....	19.61	11.0	35.3	19.62	11.0	35.3	—	—	—
Administrative support .....	15.94	2.8	37.6	16.03	3.4	37.6	15.65	3.5	37.7
Blue-collar occupations <sup>5</sup> .....	19.99	2.1	38.0	20.10	2.2	38.1	18.36	4.7	37.2
Precision production, craft, and repair .....	24.86	3.3	40.0	25.14	3.6	40.0	22.21	5.2	39.9
Machine operators, assemblers, and inspectors .....	19.82	1.4	39.7	19.85	1.4	39.7	—	—	—
Transportation and material moving .....	17.67	6.7	38.6	18.06	8.1	40.0	15.90	2.9	33.4
Handlers, equipment cleaners, helpers, and laborers .....	12.47	5.3	30.4	12.21	5.8	29.7	15.31	6.3	39.4
Service occupations <sup>5</sup> .....	12.04	1.9	32.2	10.15	2.2	31.7	17.47	2.4	33.7
Full time .....	23.74	2.1	39.7	23.11	2.3	40.0	26.56	3.4	38.3
Part time .....	12.03	5.0	19.8	11.70	5.5	20.3	14.15	10.3	17.3
Union .....	23.49	3.0	37.2	21.94	3.2	37.8	26.47	4.4	36.0
Nonunion .....	22.18	3.5	35.9	22.07	3.7	36.1	23.50	4.8	33.4
Time .....	22.71	2.0	36.3	22.05	2.2	36.5	25.70	3.4	35.3
Incentive .....	21.10	8.3	41.0	21.10	8.3	41.0	—	—	—
<b>Establishment characteristics:</b>									
Goods producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	27.10	1.6	39.9	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Service producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	18.77	3.5	34.8	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
50-99 workers <sup>7</sup> .....	18.57	6.6	36.6	18.57	6.6	36.6	—	—	—
100-499 workers .....	17.41	5.3	36.1	16.66	5.7	36.2	25.80	7.9	35.2
500 workers or more .....	27.21	1.9	36.5	27.85	2.5	37.0	25.70	3.0	35.3

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

<sup>2</sup> 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.

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

<sup>4</sup> 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.

<sup>5</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>6</sup> Classification of establishments into goods-producing and service-producing industries applies to private industry only.

<sup>7</sup> Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

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

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$22.68	2.0	\$22.03	2.2	\$25.70	3.4
All excluding sales .....	22.84	2.0	22.18	2.1	25.70	3.4
<b>White collar</b> .....	27.73	2.4	27.06	2.9	30.09	3.1
White collar excluding sales .....	28.58	2.0	28.10	2.3	30.10	3.1
<b>Professional specialty and technical</b> .....	33.20	2.3	32.12	2.7	35.84	3.6
Professional specialty .....	35.52	2.5	34.11	3.0	38.57	4.2
Engineers, architects, and surveyors .....	37.07	2.3	37.06	2.3	—	—
Industrial engineers .....	35.04	4.4	35.04	4.4	—	—
Mechanical engineers .....	33.14	5.2	33.14	5.2	—	—
Engineers, n.e.c. ....	39.74	.4	39.74	.4	—	—
Mathematical and computer scientists .....	35.98	2.7	35.98	2.7	—	—
Computer systems analysts and scientists .....	35.68	3.4	35.68	3.4	—	—
Natural scientists .....	26.48	20.3	—	—	—	—
Health related .....	32.20	10.3	32.58	11.7	29.97	12.8
Physicians .....	55.84	20.6	61.24	22.0	—	—
Registered nurses .....	26.65	1.6	26.82	1.8	25.28	.8
Dietitians .....	21.31	3.3	—	—	—	—
Respiratory therapists .....	19.45	4.9	19.45	4.9	—	—
Physical therapists .....	32.53	17.4	—	—	—	—
Teachers, college and university .....	47.15	15.7	35.52	3.9	49.81	17.4
Health specialties teachers .....	44.59	5.6	—	—	—	—
Other post-secondary teachers .....	39.15	18.4	—	—	—	—
Teachers, except college and university .....	40.67	3.2	24.26	13.6	43.07	3.0
Prekindergarten and kindergarten .....	25.50	27.7	—	—	—	—
Elementary school teachers .....	45.39	2.8	—	—	45.71	2.7
Secondary school teachers .....	42.00	7.6	—	—	45.51	2.1
Teachers, special education .....	46.77	10.4	—	—	46.77	10.4
Teachers, n.e.c. ....	26.62	2.3	—	—	26.85	.7
Vocational and educational counselors .....	30.40	25.8	—	—	—	—
Librarians, archivists, and curators .....	28.45	20.3	—	—	29.90	20.6
Librarians .....	28.45	20.3	—	—	29.90	20.6
Social scientists and urban planners .....	22.46	24.0	—	—	—	—
Social, recreation, and religious workers .....	24.37	16.2	16.30	9.0	29.36	18.3
Social workers .....	24.62	16.5	16.06	10.1	29.36	18.3
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.48	6.2	34.32	7.3	—	—
Technical .....	23.97	4.6	25.44	5.0	17.68	11.1
Clinical laboratory technologists and technicians .....	21.35	8.0	21.48	8.4	—	—
Radiological technicians .....	23.92	6.0	23.87	6.2	—	—
Licensed practical nurses .....	19.34	.9	19.63	1.2	18.22	.8
Health technologists and technicians, n.e.c. ....	15.83	6.6	16.81	4.3	14.65	11.1
Electrical and electronic technicians .....	22.80	8.5	22.80	8.5	—	—
Mechanical engineering technicians .....	23.83	17.8	23.83	17.8	—	—
Engineering technicians, n.e.c. ....	28.36	7.0	—	—	—	—
<b>Executive, administrative, and managerial</b> .....	36.92	4.3	37.48	4.9	33.52	5.5
Executives, administrators, and managers .....	42.19	4.7	42.45	5.4	40.42	4.4
Administrators and officials, public administration .....	38.29	9.4	—	—	38.29	9.4
Financial managers .....	39.15	10.1	39.25	10.2	—	—
Administrators, education and related fields .....	44.72	3.3	—	—	45.72	1.3
Managers, medicine and health .....	28.94	12.7	28.47	13.8	—	—
Managers and administrators, n.e.c. ....	43.97	6.2	43.99	6.2	—	—
Management related .....	30.02	4.4	30.73	5.1	26.37	3.0
Accountants and auditors .....	31.32	12.2	31.47	12.9	—	—
Other financial officers .....	31.05	11.3	33.29	9.5	—	—
Management analysts .....	33.25	10.7	33.25	10.7	—	—
Personnel, training, and labor relations specialists .....	25.23	6.0	25.30	6.7	—	—
Construction inspectors .....	26.30	6.2	—	—	26.30	6.2
Management related, n.e.c. ....	30.42	6.0	30.78	7.0	—	—
<b>Sales</b> .....	19.61	11.0	19.62	11.0	—	—

See footnotes at end of table.

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>White collar</b> –Continued						
<b>Sales</b> –Continued						
Sales representatives, mining, manufacturing, and wholesale .....	\$23.95	8.4	\$23.95	8.4	–	–
Sales workers, other commodities .....	10.16	4.6	10.16	4.6	–	–
Cashiers .....	9.98	4.3	9.99	4.4	–	–
<b>Administrative support, including clerical</b> .....						
Supervisors, general office .....	15.94	2.8	16.03	3.4	\$15.65	3.5
Secretaries .....	22.50	4.6	–	–	–	–
Interviewers .....	18.15	4.2	18.89	5.5	16.45	4.3
Receptionists .....	11.97	9.6	11.97	9.6	–	–
Information clerks, n.e.c. ....	11.95	8.3	11.95	8.3	–	–
Personnel clerks, except payroll and timekeeping .....	15.37	6.8	15.37	6.8	–	–
Library clerks .....	18.43	4.7	–	–	–	–
Records clerks, n.e.c. ....	9.93	7.5	–	–	9.93	7.5
Bookkeepers, accounting and auditing clerks .....	13.10	13.0	–	–	–	–
Billing clerks .....	16.00	5.1	15.67	6.1	–	–
Telephone operators .....	15.10	4.0	15.06	4.2	–	–
Traffic, shipping and receiving clerks .....	9.51	5.2	9.51	5.2	–	–
General office clerks .....	16.01	10.9	16.01	10.9	–	–
Bank tellers .....	14.32	2.4	13.98	5.7	14.57	1.4
Teachers' aides .....	12.01	12.1	12.01	12.1	–	–
Administrative support, n.e.c. ....	12.45	13.7	–	–	12.63	14.0
	15.00	5.3	14.17	6.8	–	–
<b>Blue collar</b> .....						
	19.99	2.1	20.10	2.2	18.36	4.7
<b>Precision production, craft, and repair</b> .....						
Automobile mechanics .....	24.86	3.3	25.14	3.6	22.21	5.2
Industrial machinery repairers .....	18.79	9.4	–	–	–	–
Millwrights .....	25.95	8.4	25.95	8.4	–	–
Mechanics and repairers, n.e.c. ....	28.50	4.8	28.50	4.8	–	–
Supervisors, construction trades, n.e.c. ....	18.97	6.0	18.45	8.0	–	–
Electricians .....	28.27	5.9	–	–	–	–
Plumbers, pipefitters and steamfitters .....	30.09	2.1	30.17	2.3	–	–
Supervisors, production .....	28.85	2.5	28.78	2.6	–	–
Tool and die makers .....	23.85	10.8	23.85	10.8	–	–
Machinists .....	27.52	10.4	27.52	10.4	–	–
	22.89	13.2	22.89	13.2	–	–
<b>Machine operators, assemblers, and inspectors</b> .....						
Punching and stamping press operators .....	19.82	1.4	19.85	1.4	–	–
Laundrying and dry cleaning machine operators .....	19.97	3.9	19.97	3.9	–	–
Miscellaneous machine operators, n.e.c. ....	10.36	6.0	9.63	1.5	–	–
Welders and cutters .....	15.64	7.3	15.64	7.3	–	–
Assemblers .....	25.11	1.3	25.11	1.3	–	–
Production inspectors, checkers and examiners ..	22.98	3.6	22.98	3.6	–	–
	19.87	12.0	19.87	12.0	–	–
<b>Transportation and material moving</b> .....						
Truck drivers .....	17.67	6.7	18.06	8.1	15.90	2.9
Bus drivers .....	16.98	4.8	17.61	5.9	–	–
Industrial truck and tractor equipment operators ..	15.64	.4	–	–	15.64	.4
Miscellaneous material moving equipment operators, n.e.c. ....	18.04	11.9	18.04	11.9	–	–
	22.62	2.9	22.62	2.9	–	–
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....						
Groundskeepers and gardeners, except farm .....	12.47	5.3	12.21	5.8	15.31	6.3
Stock handlers and baggers .....	13.76	10.8	–	–	15.25	.3
Freight, stock, and material handlers, n.e.c. ....	10.42	7.4	10.42	7.4	–	–
Hand packers and packagers .....	15.24	13.3	15.24	13.3	–	–
Laborers, except construction, n.e.c. ....	11.63	16.8	11.63	16.8	–	–
	12.58	19.2	11.53	23.7	–	–
<b>Service</b> .....						
Protective service .....	12.04	1.9	10.15	2.2	17.47	2.4
Firefighting .....	16.29	14.5	10.62	5.1	21.25	2.2
	18.20	.8	–	–	18.20	.8

See footnotes at end of table.

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Service</b> —Continued						
Protective service—Continued						
Police and detectives, public service .....	\$23.44	1.9	—	—	\$23.44	1.9
Correctional institution officers .....	19.61	1.0	—	—	19.61	1.0
Crossing guards .....	8.42	16.1	—	—	8.42	16.1
Guards and police, except public service .....	10.46	6.8	\$10.41	6.6	—	—
Protective service, n.e.c. ....	16.86	14.1	—	—	18.00	11.6
Food service .....						
Waiters, waitresses, and bartenders .....	4.40	20.3	4.40	20.3	—	—
Waiters and waitresses .....	3.05	11.9	3.05	11.9	—	—
Other food service .....	9.27	2.9	9.20	3.0	10.26	9.8
Supervisors, food preparation and service .....	12.16	4.7	12.16	4.7	—	—
Cooks .....	10.79	4.1	10.71	4.4	—	—
Food counter, fountain, and related .....	7.63	2.2	7.63	2.2	—	—
Food preparation, n.e.c. ....	8.49	3.7	8.29	4.0	9.80	13.8
Health service .....						
Health aides, except nursing .....	10.75	2.2	10.58	2.0	14.68	9.5
Nursing aides, orderlies and attendants .....	11.79	5.6	11.65	6.2	—	—
Cleaning and building service .....	10.41	2.3	10.23	1.7	—	—
Maintenance and repair workers .....	12.43	8.1	11.76	10.0	14.75	4.2
Maintenance workers, n.e.c. ....	9.51	9.6	9.46	9.9	—	—
Janitors and cleaners .....	12.67	9.8	11.95	12.6	14.79	4.3
Personal service .....						
Early childhood teachers' assistants .....	10.89	7.3	10.19	12.4	11.54	7.8
Child care workers, n.e.c. ....	12.25	22.7	—	—	—	—
Service, n.e.c. ....	11.36	9.8	—	—	11.61	11.1
Service, n.e.c. ....	10.15	4.9	9.44	6.9	—	—

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

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.



Table 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$23.74	2.1	\$23.11	2.3	\$26.56	3.4
All excluding sales .....	23.83	2.1	23.18	2.3	26.56	3.4
<b>White collar</b> .....	28.41	2.4	27.78	2.9	30.57	3.4
White collar excluding sales .....	29.01	2.1	28.49	2.5	30.57	3.4
<b>Professional specialty and technical</b> .....	33.77	2.3	32.59	2.7	36.61	3.9
Professional specialty .....	35.99	2.6	34.34	3.0	39.53	4.1
Engineers, architects, and surveyors .....	37.07	2.3	37.06	2.3	—	—
Industrial engineers .....	35.04	4.4	35.04	4.4	—	—
Mechanical engineers .....	33.14	5.2	33.14	5.2	—	—
Engineers, n.e.c. ....	39.74	.4	39.74	.4	—	—
Mathematical and computer scientists .....	35.98	2.7	35.98	2.7	—	—
Computer systems analysts and scientists .....	35.68	3.4	35.68	3.4	—	—
Natural scientists .....	26.74	20.6	—	—	—	—
Health related .....	32.47	11.9	32.82	13.8	30.72	12.3
Physicians .....	54.88	21.4	60.43	23.1	—	—
Registered nurses .....	26.39	1.3	26.52	1.4	25.52	.5
Teachers, college and university .....	50.64	10.3	37.17	.5	53.52	10.0
Teachers, except college and university .....	41.56	3.7	24.32	13.7	44.14	3.3
Elementary school teachers .....	45.52	3.0	—	—	45.82	2.9
Secondary school teachers .....	42.00	7.6	—	—	45.51	2.1
Teachers, special education .....	46.77	10.4	—	—	46.77	10.4
Vocational and educational counselors .....	30.40	25.8	—	—	—	—
Librarians, archivists, and curators .....	31.12	20.9	—	—	33.55	19.2
Librarians .....	31.12	20.9	—	—	33.55	19.2
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	24.45	17.0	15.74	5.2	29.55	18.6
Social workers .....	24.71	17.4	15.41	5.9	29.55	18.6
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.27	6.0	34.07	7.1	—	—
Technical .....	24.69	4.7	26.46	5.1	17.67	11.5
Clinical laboratory technologists and technicians .....	21.34	7.1	21.33	7.4	—	—
Radiological technicians .....	24.34	7.4	24.28	7.6	—	—
Licensed practical nurses .....	19.55	1.1	19.92	1.7	—	—
Health technologists and technicians, n.e.c. ....	15.76	6.8	16.84	4.5	14.48	11.4
Electrical and electronic technicians .....	22.80	8.5	22.80	8.5	—	—
Mechanical engineering technicians .....	23.83	17.8	23.83	17.8	—	—
Engineering technicians, n.e.c. ....	28.36	7.0	—	—	—	—
<b>Executive, administrative, and managerial</b> .....	36.95	4.3	37.50	4.9	33.60	5.8
Executives, administrators, and managers .....	42.22	4.8	42.45	5.4	40.65	5.0
Administrators and officials, public administration .....	38.29	9.4	—	—	38.29	9.4
Financial managers .....	39.15	10.1	39.25	10.2	—	—
Administrators, education and related fields .....	44.72	3.3	—	—	45.72	1.3
Managers, medicine and health .....	28.94	12.7	28.47	13.8	—	—
Managers and administrators, n.e.c. ....	43.97	6.2	43.99	6.2	—	—
Management related .....	30.02	4.4	30.73	5.2	26.37	3.0
Accountants and auditors .....	31.32	12.2	31.47	12.9	—	—
Other financial officers .....	31.05	11.3	33.29	9.5	—	—
Management analysts .....	33.25	10.7	33.25	10.7	—	—
Personnel, training, and labor relations specialists .....	25.00	6.1	25.05	6.9	—	—
Construction inspectors .....	26.30	6.2	—	—	26.30	6.2
Management related, n.e.c. ....	30.42	6.0	30.78	7.0	—	—
<b>Sales</b> .....	21.94	11.8	21.94	11.8	—	—
Sales representatives, mining, manufacturing, and wholesale .....	23.95	8.4	23.95	8.4	—	—
Sales workers, other commodities .....	10.73	7.2	10.73	7.2	—	—
Cashiers .....	11.30	9.1	11.30	9.1	—	—
<b>Administrative support, including clerical</b> .....	16.19	2.5	16.29	3.0	15.85	3.7
Supervisors, general office .....	22.50	4.6	—	—	—	—
Secretaries .....	18.08	4.1	18.72	5.3	16.60	4.8

See footnotes at end of table.

Table 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>White collar</b> –Continued						
<b>Administrative support, including clerical</b> –Continued						
Interviewers .....	\$13.77	2.6	\$13.77	2.6	–	–
Receptionists .....	12.01	8.9	12.01	8.9	–	–
Information clerks, n.e.c. ....	15.37	6.8	15.37	6.8	–	–
Bookkeepers, accounting and auditing clerks .....	16.15	5.1	15.84	6.1	–	–
Billing clerks .....	14.88	3.7	14.82	3.9	–	–
Traffic, shipping and receiving clerks .....	16.01	10.9	16.01	10.9	–	–
General office clerks .....	14.54	2.4	14.41	5.9	\$14.63	1.6
Bank tellers .....	12.54	12.1	12.54	12.1	–	–
Teachers' aides .....	12.63	14.0	–	–	12.63	14.0
Administrative support, n.e.c. ....	15.09	5.6	14.19	7.2	–	–
<b>Blue collar</b> .....	20.53	2.1	20.66	2.2	18.58	5.6
<b>Precision production, craft, and repair</b> .....						
Automobile mechanics .....	18.79	9.4	–	–	–	–
Industrial machinery repairers .....	25.95	8.4	25.95	8.4	–	–
Millwrights .....	28.50	4.8	28.50	4.8	–	–
Mechanics and repairers, n.e.c. ....	18.97	6.0	18.45	8.0	–	–
Supervisors, construction trades, n.e.c. ....	28.27	5.9	–	–	–	–
Electricians .....	30.09	2.1	30.17	2.3	–	–
Plumbers, pipefitters and steamfitters .....	28.85	2.5	28.78	2.6	–	–
Supervisors, production .....	23.85	10.8	23.85	10.8	–	–
Tool and die makers .....	27.52	10.4	27.52	10.4	–	–
Machinists .....	22.89	13.2	22.89	13.2	–	–
<b>Machine operators, assemblers, and inspectors</b> .....						
Punching and stamping press operators .....	19.94	3.8	19.94	3.8	–	–
Laundry and dry cleaning machine operators .....	10.36	6.1	–	–	–	–
Miscellaneous machine operators, n.e.c. ....	15.64	7.3	15.64	7.3	–	–
Welders and cutters .....	25.11	1.3	25.11	1.3	–	–
Assemblers .....	22.98	3.6	22.98	3.6	–	–
Production inspectors, checkers and examiners ..	21.42	13.6	21.42	13.6	–	–
<b>Transportation and material moving</b> .....						
Truck drivers .....	17.13	5.1	17.61	5.9	–	–
Bus drivers .....	15.54	.6	–	–	15.54	.6
Industrial truck and tractor equipment operators ..	18.04	11.9	18.04	11.9	–	–
Miscellaneous material moving equipment operators, n.e.c. ....	22.71	2.7	22.71	2.7	–	–
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....						
Groundskeepers and gardeners, except farm .....	14.08	11.0	–	–	–	–
Stock handlers and baggers .....	13.14	7.8	13.14	7.8	–	–
Freight, stock, and material handlers, n.e.c. ....	15.58	14.8	15.58	14.8	–	–
Laborers, except construction, n.e.c. ....	13.67	20.6	–	–	–	–
<b>Service</b> .....						
Protective service .....	17.02	14.3	–	–	21.69	2.3
Firefighting .....	18.20	.8	–	–	18.20	.8
Police and detectives, public service .....	23.61	1.6	–	–	23.61	1.6
Correctional institution officers .....	19.61	1.0	–	–	19.61	1.0
Food service .....	9.91	2.8	9.83	2.9	11.70	1.1
Other food service .....	10.63	4.1	10.58	4.2	11.70	1.1
Supervisors, food preparation and service .....	12.16	4.7	12.16	4.7	–	–
Cooks .....	10.82	4.2	10.74	4.4	–	–
Food preparation, n.e.c. ....	9.86	5.1	9.72	5.9	–	–
Health service .....	10.74	2.6	10.57	2.3	–	–
Health aides, except nursing .....	11.78	6.4	11.71	6.7	–	–
Nursing aides, orderlies and attendants .....	10.41	2.6	10.20	1.8	–	–
Cleaning and building service .....	12.99	6.8	12.37	8.8	14.92	4.3
Maids and housemen .....	9.53	10.2	–	–	–	–

See footnotes at end of table.

Table 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Service</b> –Continued						
Cleaning and building service –Continued						
Janitors and cleaners .....	\$13.34	8.0	\$12.70	11.0	\$14.97	4.4
Personal service .....	12.83	8.4	12.01	10.8	13.37	11.8
Child care workers, n.e.c. ....	13.13	12.1	–	–	–	–

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

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

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 2-3. Mean hourly earnings,<sup>1</sup> part-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$12.03	5.0	\$11.70	5.5	\$14.15	10.3
All excluding sales .....	12.42	5.3	12.10	6.0	14.17	10.3
<b>White collar</b> .....	18.06	8.5	17.75	9.8	19.77	8.7
White collar excluding sales .....	21.27	8.9	21.61	10.9	19.87	8.6
<b>Professional specialty and technical</b> .....	25.55	6.6	26.43	7.8	22.54	6.8
Professional specialty .....	28.70	6.1	30.98	6.4	22.97	7.1
Natural scientists .....	—	—	—	—	—	—
Health related .....	30.89	7.3	31.58	7.4	—	—
Registered nurses .....	27.56	3.3	27.78	3.4	—	—
Teachers, college and university .....	28.67	4.7	28.98	6.3	—	—
Teachers, except college and university .....	20.16	3.6	—	—	20.06	3.7
Teachers, n.e.c. ....	22.43	1.2	—	—	22.43	1.2
Librarians, archivists, and curators .....	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	—	—	—	—	—	—
Technical .....	17.16	14.5	17.10	15.6	—	—
Licensed practical nurses .....	18.70	2.1	18.90	2.0	—	—
<b>Executive, administrative, and managerial</b> .....	—	—	—	—	—	—
Executives, administrators, and managers .....	—	—	—	—	—	—
Management related .....	—	—	—	—	—	—
<b>Sales</b> .....	8.35	1.3	8.35	1.3	—	—
Cashiers .....	8.33	1.6	8.34	1.6	—	—
<b>Administrative support, including clerical</b> .....	11.85	10.6	12.11	12.8	10.18	5.8
Secretaries .....	21.61	30.5	—	—	—	—
Library clerks .....	9.36	9.6	—	—	9.36	9.6
<b>Blue collar</b> .....	8.96	3.4	8.54	3.7	14.43	10.1
<b>Machine operators, assemblers, and inspectors</b> .....	—	—	—	—	—	—
<b>Transportation and material moving</b> .....	12.78	15.3	—	—	15.26	6.7
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	8.27	3.0	8.26	3.0	—	—
Stock handlers and baggers .....	7.88	3.1	7.88	3.1	—	—
<b>Service</b> .....	8.13	2.6	7.90	3.0	9.43	4.2
Protective service .....	9.16	1.9	9.06	2.7	9.54	2.4
Crossing guards .....	8.42	16.1	—	—	8.42	16.1
Guards and police, except public service .....	9.11	2.7	9.07	2.9	—	—
Food service .....	7.20	4.6	7.03	5.2	9.55	17.6
Waiters, waitresses, and bartenders .....	4.61	22.3	4.61	22.3	—	—
Waiters and waitresses .....	3.28	17.0	3.28	17.0	—	—
Other food service .....	7.95	1.8	7.79	1.6	9.55	17.6
Food preparation, n.e.c. ....	8.10	3.8	7.87	3.4	9.55	17.6
Health service .....	10.86	2.0	10.66	.9	—	—
Health aides, except nursing .....	11.85	5.0	—	—	—	—
Nursing aides, orderlies and attendants .....	10.47	2.5	10.47	2.5	—	—

See footnotes at end of table.

Table 2-3. Mean hourly earnings,<sup>1</sup> part-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Service</b> —Continued						
Cleaning and building service .....	\$8.29	6.3	\$8.10	4.5	—	—
Janitors and cleaners .....	8.24	6.4	8.03	4.0	—	—
Personal service .....	8.87	3.5	8.90	6.0	\$8.84	2.0
Child care workers, n.e.c. ....	8.56	.9	—	—	8.52	.9
Service, n.e.c. ....	8.97	4.0	—	—	—	—

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

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

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>All</b> .....	\$942	2.0	39.7	\$925	2.3	40.0	\$1,016	3.1	38.3
All excluding sales .....	944	2.0	39.6	926	2.3	39.9	1,016	3.1	38.3
<b>White collar</b> .....	1,124	2.3	39.5	1,118	2.8	40.2	1,141	3.0	37.3
White collar excluding sales .....	1,142	2.0	39.4	1,143	2.4	40.1	1,141	3.0	37.3
<b>Professional specialty and technical</b> .....	1,316	2.4	39.0	1,309	3.1	40.2	1,331	3.7	36.4
Professional specialty .....	1,405	2.7	39.0	1,393	3.6	40.6	1,428	3.8	36.1
Engineers, architects, and surveyors .....	1,518	2.1	41.0	1,518	2.1	41.0	-	-	-
Industrial engineers .....	1,402	4.4	40.0	1,402	4.4	40.0	-	-	-
Mechanical engineers .....	1,438	5.3	43.4	1,438	5.3	43.4	-	-	-
Engineers, n.e.c. ....	1,589	.4	40.0	1,589	.4	40.0	-	-	-
Mathematical and computer scientists .....	1,469	3.8	40.8	1,469	3.8	40.8	-	-	-
Computer systems analysts and scientists .....	1,465	4.8	41.1	1,465	4.8	41.1	-	-	-
Natural scientists .....	1,054	20.8	39.4	-	-	-	-	-	-
Health related .....	1,316	13.8	40.5	1,336	16.1	40.7	1,216	11.8	39.6
Physicians .....	2,466	27.2	44.9	2,799	29.6	46.3	-	-	-
Registered nurses .....	1,043	1.7	39.5	1,046	1.9	39.5	1,018	.6	39.9
Teachers, college and university Teachers, except college and university .....	1,926	10.4	38.0	1,382	.8	37.2	2,045	10.0	38.2
Elementary school teachers ...	1,451	2.8	34.9	963	13.2	39.6	1,514	2.5	34.3
Secondary school teachers ...	1,545	2.6	33.9	-	-	-	1,554	2.6	33.9
Teachers, special education ...	1,485	4.4	35.4	-	-	-	1,561	.0	34.3
Vocational and educational counselors .....	1,545	8.1	33.0	-	-	-	1,545	8.1	33.0
Librarians, archivists, and curators .....	1,167	23.1	38.4	-	-	-	-	-	-
Librarians .....	1,185	18.8	38.1	-	-	-	1,266	17.3	37.7
Social scientists and urban planners .....	1,185	18.8	38.1	-	-	-	1,266	17.3	37.7
Social, recreation, and religious workers .....	-	-	-	-	-	-	-	-	-
Social workers .....	930	14.7	38.1	630	5.2	40.0	1,093	15.5	37.0
Lawyers and judges .....	938	15.0	38.0	616	5.9	40.0	1,093	15.5	37.0
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	-	-	-	-	-	-	-	-	-
Technical .....	1,349	5.6	39.4	1,337	6.5	39.2	-	-	-
Clinical laboratory technologists and technicians .....	955	4.4	38.7	1,028	4.5	38.8	671	12.5	38.0
Radiological technicians .....	841	5.6	39.4	840	5.9	39.4	-	-	-
Licensed practical nurses .....	961	7.5	39.5	958	7.7	39.5	-	-	-
Health technologists and technicians, n.e.c. ....	768	2.3	39.3	778	3.1	39.0	-	-	-
Electrical and electronic technicians .....	631	6.8	40.0	674	4.5	40.0	579	11.4	40.0
Mechanical engineering technicians .....	912	8.5	40.0	912	8.5	40.0	-	-	-
Engineering technicians, n.e.c. ....	958	17.3	40.2	958	17.3	40.2	-	-	-
<b>Executive, administrative, and managerial</b> .....	1,135	7.0	40.0	-	-	-	-	-	-
Executives, administrators, and managers .....	1,481	3.8	40.1	1,510	4.3	40.3	1,313	4.4	39.1
Administrators and officials, public administration .....	1,700	4.0	40.3	1,721	4.5	40.5	1,567	3.3	38.5
Financial managers .....	1,518	8.8	39.6	-	-	-	1,518	8.8	39.6
	1,533	8.3	39.2	1,537	8.3	39.1	-	-	-

See footnotes at end of table.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar</b> —Continued									
<b>Executive, administrative, and managerial</b> —Continued									
Executives, administrators, and managers —Continued									
Administrators, education and related fields .....	\$1,582	5.3	35.4	—	—	—	\$1,603	5.7	35.1
Managers, medicine and health .....	1,178	12.9	40.7	\$1,170	14.4	41.1	—	—	—
Managers and administrators, n.e.c. ....	1,795	5.4	40.8	1,795	5.4	40.8	—	—	—
Management related .....	1,197	4.4	39.9	1,226	5.2	39.9	1,045	3.1	39.6
Accountants and auditors .....	1,259	12.4	40.2	1,265	13.0	40.2	—	—	—
Other financial officers .....	1,242	11.3	40.0	1,332	9.5	40.0	—	—	—
Management analysts .....	1,328	10.7	40.0	1,328	10.7	40.0	—	—	—
Personnel, training, and labor relations specialists .....	1,000	6.8	40.0	1,002	7.6	40.0	—	—	—
Construction inspectors .....	1,029	7.0	39.1	—	—	—	1,029	7.0	39.1
Management related, n.e.c. ....	1,206	6.0	39.7	1,218	7.0	39.6	—	—	—
<b>Sales</b> .....	911	12.9	41.5	911	12.9	41.5	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	973	10.0	40.6	973	10.0	40.6	—	—	—
Sales workers, other commodities .....	426	5.7	39.7	426	5.7	39.7	—	—	—
Cashiers .....	452	9.1	40.0	452	9.1	40.0	—	—	—
<b>Administrative support, including clerical</b> .....	642	2.4	39.7	649	3.0	39.9	618	3.1	39.0
Supervisors, general office .....	895	4.5	39.8	—	—	—	—	—	—
Secretaries .....	714	4.3	39.5	744	5.6	39.7	646	3.5	38.9
Interviewers .....	547	2.1	39.7	547	2.1	39.7	—	—	—
Receptionists .....	480	8.9	40.0	480	8.9	40.0	—	—	—
Information clerks, n.e.c. ....	615	6.8	40.0	615	6.8	40.0	—	—	—
Bookkeepers, accounting and auditing clerks .....	629	5.5	39.0	614	6.6	38.8	—	—	—
Billing clerks .....	595	3.7	40.0	593	3.9	40.0	—	—	—
Traffic, shipping and receiving clerks .....	640	10.9	40.0	640	10.9	40.0	—	—	—
General office clerks .....	576	2.1	39.6	567	5.0	39.3	583	1.8	39.8
Bank tellers .....	501	12.1	40.0	501	12.1	40.0	—	—	—
Teachers' aides .....	417	15.9	33.0	—	—	—	417	15.9	33.0
Administrative support, n.e.c. ....	599	5.4	39.7	562	6.8	39.6	—	—	—
<b>Blue collar</b> .....	820	2.2	39.9	826	2.3	40.0	730	5.1	39.3
<b>Precision production, craft, and repair</b> .....	994	3.4	40.0	1,005	3.6	40.0	886	5.4	39.9
Automobile mechanics .....	752	9.4	40.0	—	—	—	—	—	—
Industrial machinery repairers .....	1,038	8.4	40.0	1,038	8.4	40.0	—	—	—
Millwrights .....	1,140	4.8	40.0	1,140	4.8	40.0	—	—	—
Mechanics and repairers, n.e.c. ....	759	6.0	40.0	738	8.0	40.0	—	—	—
Supervisors, construction trades, n.e.c. ....	1,126	5.8	39.8	—	—	—	—	—	—
Electricians .....	1,201	2.2	39.9	1,207	2.3	40.0	—	—	—
Plumbers, pipefitters and steamfitters .....	1,154	2.5	40.0	1,151	2.6	40.0	—	—	—
Supervisors, production .....	954	10.8	40.0	954	10.8	40.0	—	—	—
Tool and die makers .....	1,101	10.4	40.0	1,101	10.4	40.0	—	—	—
Machinists .....	916	13.2	40.0	916	13.2	40.0	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Blue collar —Continued</b>									
<b>Machine operators, assemblers, and inspectors</b> .....	\$795	1.4	40.0	\$796	1.4	40.0	—	—	—
Punching and stamping press operators .....	797	3.8	40.0	797	3.8	40.0	—	—	—
Laundering and dry cleaning machine operators .....	414	6.1	40.0	—	—	—	—	—	—
Miscellaneous machine operators, n.e.c. ....	625	7.3	40.0	625	7.3	40.0	—	—	—
Welders and cutters .....	1,004	1.3	40.0	1,004	1.3	40.0	—	—	—
Assemblers .....	919	3.6	40.0	919	3.6	40.0	—	—	—
Production inspectors, checkers and examiners ...	857	13.6	40.0	857	13.6	40.0	—	—	—
<b>Transportation and material moving</b> .....	711	7.1	39.8	732	8.4	40.2	\$609	5.1	38.1
Truck drivers .....	684	5.1	39.9	703	5.9	39.9	—	—	—
Bus drivers .....	579	4.8	37.3	—	—	—	579	4.8	37.3
Industrial truck and tractor equipment operators .....	722	11.9	40.0	722	11.9	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	908	2.7	40.0	908	2.7	40.0	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	562	6.8	39.8	555	7.7	39.8	623	10.7	40.0
Groundskeepers and gardeners, except farm ....	563	11.0	40.0	—	—	—	—	—	—
Stock handlers and baggers ...	523	7.9	39.8	523	7.9	39.8	—	—	—
Freight, stock, and material handlers, n.e.c. ....	622	14.8	39.9	622	14.8	39.9	—	—	—
Laborers, except construction, n.e.c. ....	547	20.6	40.0	—	—	—	—	—	—
<b>Service</b> .....	529	2.8	39.7	434	3.2	39.3	765	2.1	40.7
Protective service .....	701	15.3	41.2	—	—	—	914	1.6	42.1
Firefighting .....	943	2.5	51.8	—	—	—	943	2.5	51.8
Police and detectives, public service .....	948	1.6	40.2	—	—	—	948	1.6	40.2
Correctional institution officers	786	.9	40.1	—	—	—	786	.9	40.1
Food service .....	388	2.6	39.1	388	2.6	39.5	376	7.4	32.1
Other food service .....	418	4.0	39.3	420	4.2	39.7	376	7.4	32.1
Supervisors, food preparation and service .....	519	10.4	42.7	519	10.4	42.7	—	—	—
Cooks .....	409	4.5	37.8	412	4.8	38.4	—	—	—
Food preparation, n.e.c. ....	385	5.6	39.0	387	6.1	39.8	—	—	—
Health service .....	416	2.8	38.8	409	2.4	38.7	—	—	—
Health aides, except nursing ..	467	5.9	39.6	464	6.2	39.6	—	—	—
Nursing aides, orderlies and attendants .....	403	3.2	38.7	394	2.4	38.6	—	—	—

See footnotes at end of table.



Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Service</b> —Continued									
Cleaning and building service .....	\$512	7.5	39.4	\$486	9.7	39.2	\$596	4.4	39.9
Maids and housemen .....	381	10.2	40.0	—	—	—	—	—	—
Janitors and cleaners .....	525	8.9	39.3	497	12.1	39.1	598	4.5	39.9
Personal service .....	490	7.5	38.2	473	11.4	39.4	501	9.7	37.5
Child care workers, n.e.c. ....	525	12.1	40.0	—	—	—	—	—	—

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

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

<sup>3</sup> A classification system including about 480 individual occupations is used to

cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

<sup>5</sup> Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>All</b> .....	\$47,840	2.0	2,015	\$47,973	2.3	2,076	\$47,331	3.1	1,782
All excluding sales .....	47,861	2.0	2,009	48,007	2.3	2,071	47,331	3.1	1,782
<b>White collar</b> .....	56,258	2.3	1,980	57,922	2.8	2,085	51,638	3.0	1,689
White collar excluding sales .....	57,007	2.0	1,965	59,168	2.4	2,076	51,638	3.0	1,689
<b>Professional specialty and technical</b> .....	63,812	2.4	1,889	67,514	3.1	2,072	57,157	3.7	1,561
Professional specialty .....	67,277	2.7	1,869	71,660	3.6	2,087	60,404	3.8	1,528
Engineers, architects, and surveyors .....	78,936	2.1	2,130	78,923	2.1	2,130	-	-	-
Industrial engineers .....	72,893	4.4	2,080	72,893	4.4	2,080	-	-	-
Mechanical engineers .....	74,792	5.3	2,257	74,792	5.3	2,257	-	-	-
Engineers, n.e.c. ....	82,654	.4	2,080	82,654	.4	2,080	-	-	-
Mathematical and computer scientists .....	76,402	3.8	2,123	76,402	3.8	2,123	-	-	-
Computer systems analysts and scientists .....	76,173	4.8	2,135	76,173	4.8	2,135	-	-	-
Natural scientists .....	54,790	20.8	2,049	-	-	-	-	-	-
Health related .....	68,119	13.8	2,098	69,487	16.1	2,117	61,484	11.8	2,002
Physicians .....	128,258	27.2	2,337	145,536	29.6	2,408	-	-	-
Registered nurses .....	54,219	1.7	2,054	54,405	1.9	2,052	52,929	.6	2,074
Teachers, college and university .....	81,637	10.4	1,612	54,339	.8	1,462	88,224	10.0	1,649
Teachers, except college and university .....	57,244	2.8	1,377	42,295	13.2	1,739	58,963	2.5	1,336
Elementary school teachers ...	58,990	2.6	1,296	-	-	-	59,292	2.6	1,294
Secondary school teachers ...	56,047	4.4	1,335	-	-	-	59,149	.0	1,300
Teachers, special education ...	60,665	8.1	1,297	-	-	-	60,665	8.1	1,297
Vocational and educational counselors .....	52,025	23.1	1,711	-	-	-	-	-	-
Librarians, archivists, and curators .....	56,961	18.8	1,831	-	-	-	60,034	17.3	1,789
Librarians .....	56,961	18.8	1,831	-	-	-	60,034	17.3	1,789
Social scientists and urban planners .....	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers .....	45,340	14.7	1,855	32,748	5.2	2,080	51,531	15.5	1,744
Social workers .....	45,613	15.0	1,846	32,054	5.9	2,080	51,531	15.5	1,744
Lawyers and judges .....	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	70,136	5.6	2,046	69,528	6.5	2,041	-	-	-
Technical .....	48,771	4.4	1,975	53,445	4.5	2,020	32,108	12.5	1,817
Clinical laboratory technologists and technicians .....	43,726	5.6	2,049	43,675	5.9	2,047	-	-	-
Radiological technicians .....	49,965	7.5	2,053	49,832	7.7	2,052	-	-	-
Licensed practical nurses .....	39,920	2.3	2,042	40,438	3.1	2,030	-	-	-
Health technologists and technicians, n.e.c. ....	32,790	6.8	2,080	35,036	4.5	2,080	30,123	11.4	2,080
Electrical and electronic technicians .....	47,428	8.5	2,080	47,428	8.5	2,080	-	-	-
Mechanical engineering technicians .....	49,825	17.3	2,091	49,825	17.3	2,091	-	-	-
Engineering technicians, n.e.c. ....	58,995	7.0	2,080	-	-	-	-	-	-
<b>Executive, administrative, and managerial</b> .....	76,923	3.8	2,082	78,510	4.3	2,094	67,705	4.4	2,015
Executives, administrators, and managers .....	88,384	4.0	2,093	89,456	4.5	2,107	81,377	3.3	2,002
Administrators and officials, public administration .....	78,950	8.8	2,062	-	-	-	78,950	8.8	2,062
Financial managers .....	79,716	8.3	2,036	79,907	8.3	2,036	-	-	-

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar</b> —Continued									
<b>Executive, administrative, and managerial</b> —Continued									
Executives, administrators, and managers —Continued									
Administrators, education and related fields .....	\$81,403	5.3	1,820	—	—	—	\$82,903	5.7	1,813
Managers, medicine and health .....	61,278	12.9	2,117	\$60,820	14.4	2,136	—	—	—
Managers and administrators, n.e.c. ....	93,318	5.4	2,122	93,353	5.4	2,122	—	—	—
Management related .....	62,076	4.4	2,068	63,776	5.2	2,075	53,489	3.1	2,028
Accountants and auditors .....	65,442	12.4	2,090	65,771	13.0	2,090	—	—	—
Other financial officers .....	64,575	11.3	2,080	69,243	9.5	2,080	—	—	—
Management analysts .....	69,070	10.7	2,078	69,070	10.7	2,078	—	—	—
Personnel, training, and labor relations specialists .....	51,997	6.8	2,080	52,104	7.6	2,080	—	—	—
Construction inspectors .....	53,506	7.0	2,034	—	—	—	53,506	7.0	2,034
Management related, n.e.c. ....	62,199	6.0	2,045	63,352	7.0	2,058	—	—	—
<b>Sales</b> .....	47,366	12.9	2,159	47,366	12.9	2,159	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	50,601	10.0	2,112	50,601	10.0	2,112	—	—	—
Sales workers, other commodities .....	22,156	5.7	2,064	22,156	5.7	2,064	—	—	—
Cashiers .....	23,497	9.1	2,080	23,497	9.1	2,080	—	—	—
<b>Administrative support, including clerical</b> .....	33,003	2.4	2,039	33,762	3.0	2,073	30,561	3.1	1,928
Supervisors, general office .....	46,528	4.5	2,068	—	—	—	—	—	—
Secretaries .....	36,365	4.3	2,011	38,671	5.6	2,065	31,462	3.5	1,896
Interviewers .....	28,440	2.1	2,066	28,440	2.1	2,066	—	—	—
Receptionists .....	24,971	8.9	2,080	24,971	8.9	2,080	—	—	—
Information clerks, n.e.c. ....	31,961	6.8	2,080	31,961	6.8	2,080	—	—	—
Bookkeepers, accounting and auditing clerks .....	32,725	5.5	2,026	31,951	6.6	2,017	—	—	—
Billing clerks .....	30,957	3.7	2,080	30,823	3.9	2,080	—	—	—
Traffic, shipping and receiving clerks .....	33,296	10.9	2,080	33,296	10.9	2,080	—	—	—
General office clerks .....	29,964	2.1	2,061	29,466	5.0	2,044	30,300	1.8	2,072
Bank tellers .....	26,075	12.1	2,080	26,075	12.1	2,080	—	—	—
Teachers' aides .....	15,705	15.9	1,244	—	—	—	15,705	15.9	1,244
Administrative support, n.e.c. ....	31,135	5.4	2,063	29,240	6.8	2,060	—	—	—
<b>Blue collar</b> .....	42,387	2.2	2,065	42,874	2.3	2,075	35,848	5.1	1,929
<b>Precision production, craft, and repair</b> .....	51,663	3.4	2,078	52,258	3.6	2,078	46,073	5.4	2,075
Automobile mechanics .....	39,093	9.4	2,080	—	—	—	—	—	—
Industrial machinery repairers .....	53,966	8.4	2,080	53,966	8.4	2,080	—	—	—
Millwrights .....	59,283	4.8	2,080	59,283	4.8	2,080	—	—	—
Mechanics and repairers, n.e.c. ....	39,458	6.0	2,080	38,372	8.0	2,080	—	—	—
Supervisors, construction trades, n.e.c. ....	58,565	5.8	2,072	—	—	—	—	—	—
Electricians .....	62,466	2.2	2,076	62,746	2.3	2,080	—	—	—
Plumbers, pipefitters and steamfitters .....	59,998	2.5	2,080	59,861	2.6	2,080	—	—	—
Supervisors, production .....	49,600	10.8	2,080	49,600	10.8	2,080	—	—	—
Tool and die makers .....	57,235	10.4	2,080	57,235	10.4	2,080	—	—	—
Machinists .....	47,621	13.2	2,080	47,621	13.2	2,080	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Blue collar —Continued</b>									
<b>Machine operators, assemblers, and inspectors</b> .....	\$41,316	1.4	2,078	\$41,393	1.4	2,078	—	—	—
Punching and stamping press operators .....	41,469	3.8	2,080	41,469	3.8	2,080	—	—	—
Laundering and dry cleaning machine operators .....	21,548	6.1	2,080	—	—	—	—	—	—
Miscellaneous machine operators, n.e.c. ....	32,526	7.3	2,080	32,526	7.3	2,080	—	—	—
Welders and cutters .....	52,223	1.3	2,080	52,223	1.3	2,080	—	—	—
Assemblers .....	47,789	3.6	2,080	47,789	3.6	2,080	—	—	—
Production inspectors, checkers and examiners ...	44,561	13.6	2,080	44,561	13.6	2,080	—	—	—
<b>Transportation and material moving</b> .....	35,917	7.1	2,013	38,039	8.4	2,090	\$27,095	5.1	1,695
Truck drivers .....	35,579	5.1	2,077	36,572	5.9	2,077	—	—	—
Bus drivers .....	24,294	4.8	1,564	—	—	—	24,294	4.8	1,564
Industrial truck and tractor equipment operators .....	37,529	11.9	2,080	37,529	11.9	2,080	—	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	47,228	2.7	2,080	47,228	2.7	2,080	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	28,804	6.8	2,041	28,362	7.7	2,036	32,383	10.7	2,080
Groundskeepers and gardeners, except farm ....	23,898	11.0	1,697	—	—	—	—	—	—
Stock handlers and baggers ...	27,218	7.9	2,071	27,218	7.9	2,071	—	—	—
Freight, stock, and material handlers, n.e.c. ....	32,356	14.8	2,077	32,356	14.8	2,077	—	—	—
Laborers, except construction, n.e.c. ....	28,435	20.6	2,080	—	—	—	—	—	—
<b>Service</b> .....	27,135	2.8	2,038	22,512	3.2	2,039	38,233	2.1	2,033
Protective service .....	36,217	15.3	2,128	—	—	—	46,965	1.6	2,165
Firefighting .....	49,038	2.5	2,694	—	—	—	49,038	2.5	2,694
Police and detectives, public service .....	49,318	1.6	2,089	—	—	—	49,318	1.6	2,089
Correctional institution officers	40,888	.9	2,085	—	—	—	40,888	.9	2,085
Food service .....	19,906	2.6	2,009	20,186	2.6	2,053	15,537	7.4	1,328
Other food service .....	21,433	4.0	2,017	21,861	4.2	2,067	15,537	7.4	1,328
Supervisors, food preparation and service .....	27,011	10.4	2,222	27,011	10.4	2,222	—	—	—
Cooks .....	20,838	4.5	1,925	21,431	4.8	1,995	—	—	—
Food preparation, n.e.c. ....	19,479	5.6	1,976	20,143	6.1	2,071	—	—	—
Health service .....	21,656	2.8	2,017	21,290	2.4	2,015	—	—	—
Health aides, except nursing ..	24,279	5.9	2,062	24,141	6.2	2,061	—	—	—
Nursing aides, orderlies and attendants .....	20,930	3.2	2,012	20,502	2.4	2,010	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Service—Continued</b>									
Cleaning and building service .....	\$26,525	7.5	2,041	\$25,114	9.7	2,030	\$30,992	4.4	2,077
Maids and housemen .....	19,086	10.2	2,003	—	—	—	—	—	—
Janitors and cleaners .....	27,274	8.9	2,044	25,814	12.1	2,032	31,089	4.5	2,077
Personal service .....	22,604	7.5	1,761	24,349	11.4	2,027	21,700	9.7	1,623
Child care workers, n.e.c. ....	24,464	12.1	1,863	—	—	—	—	—	—

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

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

<sup>3</sup> A classification system including about 480 individual occupations is used to

cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

<sup>5</sup> Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 4-1. Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$22.68	2.0	\$22.03	2.2	\$25.70	3.4
All excluding sales .....	22.84	2.0	22.18	2.1	25.70	3.4
<b>White collar</b> .....	27.73	2.4	27.06	2.9	30.09	3.1
1 .....	9.39	4.4	9.51	4.2	8.06	4.2
2 .....	10.52	3.3	10.40	3.2	11.42	6.8
3 .....	13.34	3.8	13.23	4.2	14.74	4.7
4 .....	15.29	2.6	15.36	3.6	15.14	2.3
5 .....	16.88	4.3	18.20	4.7	14.74	3.8
6 .....	21.07	4.6	20.45	4.0	23.19	10.4
7 .....	22.26	2.1	22.75	2.2	19.97	5.3
8 .....	31.05	2.1	26.04	3.4	41.07	2.5
9 .....	32.11	1.2	28.97	1.3	38.03	3.0
10 .....	32.37	6.7	32.48	7.4	31.81	18.0
11 .....	38.71	3.3	37.53	2.1	44.80	9.3
12 .....	43.27	3.5	44.46	2.7	33.94	21.5
13 .....	66.03	9.6	69.73	9.3	-	-
14 .....	60.97	5.8	61.03	6.0	-	-
Not able to be leveled .....	30.25	6.3	30.00	6.8	32.87	6.5
White collar excluding sales .....	28.58	2.0	28.10	2.3	30.10	3.1
1 .....	9.85	3.7	10.08	3.3	8.06	4.1
2 .....	10.96	2.9	10.85	3.0	11.42	6.8
3 .....	14.25	2.8	14.20	3.2	14.74	4.7
4 .....	15.05	2.6	15.00	3.8	15.14	2.3
5 .....	16.83	4.3	18.15	4.7	14.74	3.8
6 .....	21.10	5.1	20.33	4.4	23.19	10.4
7 .....	22.30	2.2	22.85	2.3	19.97	5.3
8 .....	31.16	2.1	25.85	3.2	41.07	2.5
9 .....	32.15	1.2	28.94	1.4	38.03	3.0
10 .....	31.33	6.6	31.23	7.1	31.81	18.0
11 .....	38.97	3.2	37.76	2.0	44.80	9.3
12 .....	43.49	3.6	44.76	2.7	33.94	21.5
13 .....	66.03	9.6	69.73	9.3	-	-
14 .....	60.97	5.8	61.03	6.0	-	-
Not able to be leveled .....	30.79	4.7	30.56	5.0	32.87	6.5
<b>Professional specialty and technical</b> .....	33.20	2.3	32.12	2.7	35.84	3.6
Professional specialty .....	35.52	2.5	34.11	3.0	38.57	4.2
5 .....	14.13	4.1	-	-	14.00	4.4
6 .....	26.64	11.8	23.89	3.3	29.71	16.4
7 .....	22.57	6.6	23.92	5.7	18.48	8.4
8 .....	34.96	3.1	26.72	6.6	43.07	.9
9 .....	32.52	1.4	27.96	2.0	41.16	2.3
10 .....	31.00	5.6	31.46	5.6	28.73	22.7
11 .....	39.36	3.5	37.83	2.2	47.09	6.4
12 .....	40.86	6.6	42.94	4.5	29.46	27.3
13 .....	64.35	12.5	68.09	12.0	-	-
Not able to be leveled .....	35.62	4.1	36.46	5.2	32.60	7.5
Engineers, architects, and surveyors .....	37.07	2.3	37.06	2.3	-	-
9 .....	32.25	3.1	32.25	3.1	-	-
11 .....	38.07	2.0	38.05	2.0	-	-
Not able to be leveled .....	38.12	5.4	38.12	5.4	-	-
Industrial engineers .....	35.04	4.4	35.04	4.4	-	-
9 .....	33.50	2.2	33.50	2.2	-	-
Mechanical engineers .....	33.14	5.2	33.14	5.2	-	-
Not able to be leveled .....	34.64	8.2	34.64	8.2	-	-
Engineers, n.e.c. ....	39.74	.4	39.74	.4	-	-
Not able to be leveled .....	41.92	4.7	41.92	4.7	-	-
Mathematical and computer scientists .....	35.98	2.7	35.98	2.7	-	-
10 .....	35.11	3.2	35.11	3.2	-	-
11 .....	35.95	7.8	35.95	7.8	-	-
12 .....	46.21	6.1	46.21	6.1	-	-
Computer systems analysts and scientists .....	35.68	3.4	35.68	3.4	-	-
10 .....	35.11	3.2	35.11	3.2	-	-
12 .....	50.60	10.3	50.60	10.3	-	-
Natural scientists .....	26.48	20.3	-	-	-	-

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Professional specialty and technical</b> —Continued						
Professional specialty —Continued						
Health related .....	\$32.20	10.3	\$32.58	11.7	\$29.97	12.8
7 .....	23.37	5.5	23.37	5.5	—	—
8 .....	27.31	3.2	27.77	4.1	—	—
9 .....	26.02	2.8	26.09	3.2	25.47	2.5
10 .....	36.34	17.7	34.89	10.3	—	—
11 .....	33.87	2.0	33.87	2.0	—	—
Not able to be leveled .....	35.77	16.7	44.86	25.1	—	—
Physicians .....	55.84	20.6	61.24	22.0	—	—
Not able to be leveled .....	36.43	18.1	47.12	29.0	—	—
Registered nurses .....	26.65	1.6	26.82	1.8	25.28	.8
7 .....	25.43	2.1	25.43	2.1	—	—
8 .....	26.73	.9	27.09	1.2	—	—
9 .....	26.12	1.4	26.18	1.5	25.44	.7
11 .....	41.17	14.6	41.17	14.6	—	—
Dietitians .....	21.31	3.3	—	—	—	—
Respiratory therapists .....	19.45	4.9	19.45	4.9	—	—
Physical therapists .....	32.53	17.4	—	—	—	—
Teachers, college and university .....	47.15	15.7	35.52	3.9	49.81	17.4
11 .....	43.06	3.5	—	—	44.93	5.0
Health specialties teachers .....	44.59	5.6	—	—	—	—
Other post-secondary teachers .....	39.15	18.4	—	—	—	—
Teachers, except college and university .....	40.67	3.2	24.26	13.6	43.07	3.0
6 .....	31.23	13.0	—	—	—	—
8 .....	41.01	5.3	—	—	44.54	.6
9 .....	45.47	1.6	—	—	45.47	1.6
Prekindergarten and kindergarten .....	25.50	27.7	—	—	—	—
Elementary school teachers .....	45.39	2.8	—	—	45.71	2.7
8 .....	45.41	5.7	—	—	45.71	5.7
9 .....	46.77	2.5	—	—	46.77	2.5
Secondary school teachers .....	42.00	7.6	—	—	45.51	2.1
8 .....	40.80	11.1	—	—	47.09	4.0
9 .....	45.92	4.5	—	—	—	—
Teachers, special education .....	46.77	10.4	—	—	46.77	10.4
Teachers, n.e.c. ....	26.62	2.3	—	—	26.85	.7
Vocational and educational counselors .....	30.40	25.8	—	—	—	—
Librarians, archivists, and curators .....	28.45	20.3	—	—	29.90	20.6
Librarians .....	28.45	20.3	—	—	29.90	20.6
Social scientists and urban planners .....	22.46	24.0	—	—	—	—
Social, recreation, and religious workers .....	24.37	16.2	16.30	9.0	29.36	18.3
9 .....	18.58	12.0	—	—	—	—
Social workers .....	24.62	16.5	16.06	10.1	29.36	18.3
9 .....	18.58	12.0	—	—	—	—
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.48	6.2	34.32	7.3	—	—
Technical .....	23.97	4.6	25.44	5.0	17.68	11.1
4 .....	14.50	17.4	14.67	18.9	—	—
5 .....	16.92	6.6	18.23	4.9	—	—
6 .....	19.65	3.2	19.53	4.3	19.77	4.6
7 .....	23.05	2.9	23.85	3.2	—	—
8 .....	25.72	4.6	25.91	4.6	—	—
9 .....	30.25	7.1	30.52	7.5	—	—
Not able to be leveled .....	40.44	37.5	40.44	37.5	—	—
Clinical laboratory technologists and technicians .....	21.35	8.0	21.48	8.4	—	—
8 .....	22.45	4.6	22.45	4.6	—	—
Radiological technicians .....	23.92	6.0	23.87	6.2	—	—
Licensed practical nurses .....	19.34	.9	19.63	1.2	18.22	.8
5 .....	18.95	2.2	19.02	2.2	—	—
6 .....	18.56	1.9	—	—	—	—
7 .....	20.82	3.0	20.82	3.0	—	—
Health technologists and technicians, n.e.c. ....	15.83	6.6	16.81	4.3	14.65	11.1

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Professional specialty and technical</b> —Continued						
Technical —Continued						
Health technologists and technicians, n.e.c. —Continued						
5 .....	\$14.15	8.2	\$15.96	2.1	—	—
Electrical and electronic technicians .....	22.80	8.5	22.80	8.5	—	—
Mechanical engineering technicians .....	23.83	17.8	23.83	17.8	—	—
Engineering technicians, n.e.c. ....	28.36	7.0	—	—	—	—
<b>Executive, administrative, and managerial</b> .....						
7 .....	36.92	4.3	37.48	4.9	\$33.52	5.5
8 .....	21.87	1.9	21.87	1.9	—	—
9 .....	24.13	7.2	24.11	8.1	—	—
10 .....	31.44	4.8	34.05	4.9	27.82	1.8
11 .....	31.27	11.9	29.14	15.8	—	—
12 .....	37.78	4.0	37.67	4.4	—	—
13 .....	44.19	3.0	44.58	2.3	—	—
14 .....	57.75	7.1	58.92	7.7	—	—
Not able to be leveled .....	64.45	8.4	64.77	9.0	—	—
Executives, administrators, and managers .....	32.91	9.7	32.83	10.0	—	—
9 .....	42.19	4.7	42.45	5.4	40.42	4.4
10 .....	36.56	8.7	36.76	12.4	—	—
11 .....	37.65	7.7	—	—	—	—
12 .....	41.13	4.3	41.60	4.3	—	—
13 .....	45.06	4.6	45.86	3.3	—	—
14 .....	57.75	7.1	58.92	7.7	—	—
Not able to be leveled .....	64.45	8.4	64.77	9.0	—	—
Administrators and officials, public administration .....	34.09	10.0	34.01	10.3	—	—
Financial managers .....	38.29	9.4	—	—	38.29	9.4
Administrators, education and related fields .....	39.15	10.1	39.25	10.2	—	—
Managers, medicine and health .....	44.72	3.3	—	—	45.72	1.3
Managers and administrators, n.e.c. ....	28.94	12.7	28.47	13.8	—	—
9 .....	43.97	6.2	43.99	6.2	—	—
11 .....	36.75	12.1	36.76	12.4	—	—
13 .....	42.03	5.2	42.03	5.2	—	—
Not able to be leveled .....	58.92	7.7	58.92	7.7	—	—
Management related .....	34.80	15.3	34.80	15.3	—	—
7 .....	30.02	4.4	30.73	5.1	26.37	3.0
8 .....	23.65	4.6	23.65	4.6	—	—
9 .....	23.26	6.5	23.11	7.4	—	—
10 .....	29.21	5.0	32.56	3.9	25.33	4.0
11 .....	25.11	15.1	23.65	14.7	—	—
12 .....	33.60	4.9	33.48	5.8	—	—
Not able to be leveled .....	42.66	.9	42.66	.9	—	—
Accountants and auditors .....	28.34	25.2	28.34	25.2	—	—
Other financial officers .....	31.32	12.2	31.47	12.9	—	—
Management analysts .....	31.05	11.3	33.29	9.5	—	—
Personnel, training, and labor relations specialists .....	33.25	10.7	33.25	10.7	—	—
9 .....	25.23	6.0	25.30	6.7	—	—
Construction inspectors .....	28.15	9.3	29.03	10.4	—	—
Management related, n.e.c. ....	26.30	6.2	—	—	26.30	6.2
12 .....	30.42	6.0	30.78	7.0	—	—
12 .....	41.17	5.5	41.17	5.5	—	—
<b>Sales</b> .....						
1 .....	19.61	11.0	19.62	11.0	—	—
2 .....	8.27	2.7	8.28	2.8	—	—
3 .....	9.83	2.3	9.83	2.3	—	—
Not able to be leveled .....	10.59	6.3	10.59	6.3	—	—
Sales representatives, mining, manufacturing, and wholesale .....	26.81	28.0	26.81	28.0	—	—
Sales workers, other commodities .....	23.95	8.4	23.95	8.4	—	—
Cashiers .....	10.16	4.6	10.16	4.6	—	—
Cashiers .....	9.98	4.3	9.99	4.4	—	—

See footnotes at end of table.



Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Sales</b> —Continued						
Cashiers —Continued						
1 .....	\$8.34	2.5	—	—	—	—
2 .....	9.92	3.4	\$9.92	3.4	—	—
<b>Administrative support, including clerical</b> .....						
1 .....	15.94	2.8	16.03	3.4	\$15.65	3.5
2 .....	9.85	3.7	10.08	3.3	8.06	4.1
3 .....	10.96	2.9	10.85	3.0	11.42	6.8
4 .....	14.35	2.8	14.25	3.2	15.56	1.7
5 .....	15.11	2.5	15.05	3.8	15.21	2.3
6 .....	17.42	5.6	18.13	6.8	16.00	5.4
7 .....	19.85	5.9	19.82	6.5	20.16	6.8
8 .....	21.18	3.6	20.82	4.4	22.50	4.3
Not able to be leveled .....	23.08	7.9	23.90	8.6	—	—
Supervisors, general office .....	17.13	6.4	17.13	6.4	—	—
Secretaries .....	22.50	4.6	—	—	—	—
3 .....	18.15	4.2	18.89	5.5	16.45	4.3
4 .....	15.31	3.6	—	—	—	—
5 .....	15.72	7.8	15.79	11.7	15.58	4.5
6 .....	18.02	9.0	19.74	9.4	—	—
7 .....	20.53	10.1	—	—	—	—
Interviewers .....	23.36	3.6	23.01	4.7	—	—
Receptionists .....	11.97	9.6	11.97	9.6	—	—
3 .....	11.95	8.3	11.95	8.3	—	—
Information clerks, n.e.c. ....	14.09	6.0	14.09	6.0	—	—
4 .....	15.37	6.8	15.37	6.8	—	—
Personnel clerks, except payroll and timekeeping	16.14	7.5	16.14	7.5	—	—
Library clerks .....	18.43	4.7	—	—	—	—
1 .....	9.93	7.5	—	—	9.93	7.5
Records clerks, n.e.c. ....	8.06	4.3	—	—	8.06	4.3
Bookkeepers, accounting and auditing clerks .....	13.10	13.0	—	—	—	—
Billing clerks .....	16.00	5.1	15.67	6.1	—	—
4 .....	15.10	4.0	15.06	4.2	—	—
Telephone operators .....	15.11	6.1	15.11	6.1	—	—
Traffic, shipping and receiving clerks .....	9.51	5.2	9.51	5.2	—	—
General office clerks .....	16.01	10.9	16.01	10.9	—	—
3 .....	14.32	2.4	13.98	5.7	14.57	1.4
4 .....	11.86	7.8	11.73	8.2	—	—
5 .....	14.49	1.7	—	—	14.54	1.8
Bank tellers .....	16.62	8.0	—	—	—	—
Teachers' aides .....	12.01	12.1	12.01	12.1	—	—
Administrative support, n.e.c. ....	12.45	13.7	—	—	12.63	14.0
4 .....	15.00	5.3	14.17	6.8	—	—
	15.11	6.6	14.96	7.0	—	—
<b>Blue collar</b> .....						
1 .....	19.99	2.1	20.10	2.2	18.36	4.7
2 .....	10.17	4.5	10.14	4.7	—	—
3 .....	12.90	6.0	12.59	6.5	14.47	2.2
4 .....	21.44	5.2	21.81	5.6	15.44	3.7
5 .....	21.90	4.1	21.97	4.1	—	—
6 .....	17.14	6.9	17.02	7.2	19.54	1.4
7 .....	20.49	3.5	20.72	4.2	—	—
8 .....	26.75	1.3	27.09	1.2	23.77	4.3
Not able to be leveled .....	29.14	3.4	30.04	1.4	—	—
	16.22	5.2	16.22	5.2	—	—
<b>Precision production, craft, and repair</b> .....						
3 .....	24.86	3.3	25.14	3.6	22.21	5.2
4 .....	22.45	13.6	—	—	—	—
5 .....	20.58	11.5	20.58	11.5	—	—
6 .....	18.73	5.3	18.67	5.7	—	—
7 .....	20.41	7.7	20.33	9.3	—	—
8 .....	27.34	1.7	27.80	1.4	23.76	4.5
	29.64	3.6	30.74	2.0	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Precision production, craft, and repair</b> —Continued						
Not able to be leveled .....	\$18.96	11.8	\$18.96	11.8	—	—
Automobile mechanics .....	18.79	9.4	—	—	—	—
Industrial machinery repairers .....	25.95	8.4	25.95	8.4	—	—
7 .....	28.21	4.6	28.21	4.6	—	—
Millwrights .....	28.50	4.8	28.50	4.8	—	—
7 .....	28.50	4.8	28.50	4.8	—	—
Mechanics and repairers, n.e.c. ....	18.97	6.0	18.45	8.0	—	—
7 .....	20.61	5.3	20.19	7.6	—	—
Supervisors, construction trades, n.e.c. ....	28.27	5.9	—	—	—	—
Electricians .....	30.09	2.1	30.17	2.3	—	—
7 .....	29.50	1.4	29.49	1.5	—	—
Plumbers, pipefitters and steamfitters .....	28.85	2.5	28.78	2.6	—	—
7 .....	29.72	.4	29.69	.4	—	—
Supervisors, production .....	23.85	10.8	23.85	10.8	—	—
8 .....	29.60	2.6	29.60	2.6	—	—
Tool and die makers .....	27.52	10.4	27.52	10.4	—	—
7 .....	29.16	2.9	29.16	2.9	—	—
Machinists .....	22.89	13.2	22.89	13.2	—	—
7 .....	27.14	6.1	27.14	6.1	—	—
<b>Machine operators, assemblers, and inspectors</b> .....	19.82	1.4	19.85	1.4	—	—
1 .....	11.09	3.8	11.06	4.1	—	—
2 .....	11.67	6.5	11.67	6.5	—	—
3 .....	22.18	7.8	22.18	7.8	—	—
4 .....	23.50	3.2	23.50	3.2	—	—
5 .....	18.03	5.1	18.03	5.1	—	—
Punching and stamping press operators .....	19.97	3.9	19.97	3.9	—	—
4 .....	24.81	5.1	24.81	5.1	—	—
Laundering and dry cleaning machine operators	10.36	6.0	9.63	1.5	—	—
1 .....	10.36	6.0	9.63	1.5	—	—
Miscellaneous machine operators, n.e.c. ....	15.64	7.3	15.64	7.3	—	—
4 .....	21.38	10.3	21.38	10.3	—	—
Welders and cutters .....	25.11	1.3	25.11	1.3	—	—
Assemblers .....	22.98	3.6	22.98	3.6	—	—
3 .....	25.18	2.4	25.18	2.4	—	—
4 .....	23.90	7.2	23.90	7.2	—	—
Production inspectors, checkers and examiners ..	19.87	12.0	19.87	12.0	—	—
3 .....	25.93	.8	25.93	.8	—	—
<b>Transportation and material moving</b> .....	17.67	6.7	18.06	8.1	\$15.90	2.9
2 .....	12.70	7.9	11.07	9.8	—	—
3 .....	19.14	3.7	20.27	4.4	15.47	.9
4 .....	17.96	17.9	18.04	20.0	—	—
Truck drivers .....	16.98	4.8	17.61	5.9	—	—
Bus drivers .....	15.64	.4	—	—	15.64	.4
3 .....	15.47	.9	—	—	15.47	.9
Industrial truck and tractor equipment operators ..	18.04	11.9	18.04	11.9	—	—
3 .....	19.85	6.0	19.85	6.0	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	22.62	2.9	22.62	2.9	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>	12.47	5.3	12.21	5.8	15.31	6.3
1 .....	9.34	9.6	9.35	9.6	—	—
2 .....	13.84	6.1	13.79	7.5	—	—
3 .....	15.66	18.0	15.50	22.1	—	—
Not able to be leveled .....	12.44	11.9	12.44	11.9	—	—
Groundskeepers and gardeners, except farm .....	13.76	10.8	—	—	15.25	.3
Stock handlers and baggers .....	10.42	7.4	10.42	7.4	—	—
1 .....	7.64	3.4	7.64	3.4	—	—
2 .....	12.45	11.5	12.45	11.5	—	—
Freight, stock, and material handlers, n.e.c. ....	15.24	13.3	15.24	13.3	—	—
2 .....	16.65	16.1	16.65	16.1	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Handlers, equipment cleaners, helpers, and laborers</b>						
—Continued						
Hand packers and packagers .....	\$11.63	16.8	\$11.63	16.8	—	—
Laborers, except construction, n.e.c. ....	12.58	19.2	11.53	23.7	—	—
<b>Service</b> .....	12.04	1.9	10.15	2.2	\$17.47	2.4
1 .....	9.56	6.9	9.57	7.6	9.44	9.9
2 .....	10.18	3.8	9.06	4.8	13.12	7.4
3 .....	10.35	3.9	9.84	2.8	15.60	3.3
4 .....	13.17	8.4	13.28	9.7	12.57	14.5
5 .....	14.06	5.7	11.83	5.3	17.45	1.9
6 .....	17.94	3.7	—	—	18.61	2.2
7 .....	21.05	7.2	—	—	21.05	7.2
8 .....	23.38	2.1	—	—	23.38	2.1
Not able to be leveled .....	12.34	7.8	12.34	7.8	—	—
Protective service .....	16.29	14.5	10.62	5.1	21.25	2.2
5 .....	15.21	6.9	12.45	4.7	17.70	2.3
6 .....	18.62	2.4	—	—	—	—
7 .....	21.72	7.4	—	—	21.72	7.4
8 .....	23.38	2.1	—	—	23.38	2.1
Firefighting .....	18.20	.8	—	—	18.20	.8
Police and detectives, public service .....	23.44	1.9	—	—	23.44	1.9
8 .....	23.52	3.0	—	—	23.52	3.0
Correctional institution officers .....	19.61	1.0	—	—	19.61	1.0
Crossing guards .....	8.42	16.1	—	—	8.42	16.1
Guards and police, except public service .....	10.46	6.8	10.41	6.6	—	—
Protective service, n.e.c. ....	16.86	14.1	—	—	18.00	11.6
Food service .....	8.45	2.8	8.34	3.1	10.26	9.8
1 .....	7.73	1.9	7.68	2.1	8.39	4.9
2 .....	6.39	16.0	5.93	19.5	—	—
3 .....	9.18	6.6	9.01	7.3	—	—
4 .....	12.36	6.1	—	—	—	—
Waiters, waitresses, and bartenders .....	4.40	20.3	4.40	20.3	—	—
2 .....	3.89	25.8	3.89	25.8	—	—
Waiters and waitresses .....	3.05	11.9	3.05	11.9	—	—
2 .....	2.98	10.9	2.98	10.9	—	—
Other food service .....	9.27	2.9	9.20	3.0	10.26	9.8
1 .....	7.92	2.3	7.88	2.4	8.39	4.9
2 .....	9.21	7.1	8.67	6.0	—	—
3 .....	9.35	8.3	9.18	9.1	—	—
4 .....	12.36	6.1	—	—	—	—
Supervisors, food preparation and service .....	12.16	4.7	12.16	4.7	—	—
Cooks .....	10.79	4.1	10.71	4.4	—	—
Food counter, fountain, and related .....	7.63	2.2	7.63	2.2	—	—
Food preparation, n.e.c. ....	8.49	3.7	8.29	4.0	9.80	13.8
1 .....	8.07	5.0	8.02	5.6	8.39	4.9
3 .....	8.80	4.9	—	—	—	—
Health service .....	10.75	2.2	10.58	2.0	14.68	9.5
2 .....	11.27	3.8	11.10	4.1	—	—
3 .....	10.08	1.8	10.08	1.8	—	—
4 .....	12.25	2.2	12.25	2.2	—	—
Health aides, except nursing .....	11.79	5.6	11.65	6.2	—	—
3 .....	11.12	12.6	11.12	12.6	—	—
4 .....	12.29	3.6	12.29	3.6	—	—
Nursing aides, orderlies and attendants .....	10.41	2.3	10.23	1.7	—	—
2 .....	11.17	4.2	11.14	4.3	—	—
3 .....	9.69	2.4	9.69	2.4	—	—
4 .....	12.18	5.2	12.18	5.2	—	—
Cleaning and building service .....	12.43	8.1	11.76	10.0	14.75	4.2
1 .....	11.34	16.5	11.17	17.6	13.75	7.9
2 .....	12.49	7.1	11.33	13.0	13.79	3.9
3 .....	14.80	8.6	—	—	16.71	.5

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service—Continued</b>						
Cleaning and building service—Continued						
Maids and housemen .....	\$9.51	9.6	\$9.46	9.9	—	—
1 .....	10.18	4.4	—	—	—	—
Janitors and cleaners .....	12.67	9.8	11.95	12.6	\$14.79	4.3
1 .....	11.55	19.8	11.37	21.4	—	—
2 .....	13.08	5.5	12.26	11.1	13.80	4.0
3 .....	14.80	8.6	—	—	16.71	.5
Not able to be leveled .....	12.18	17.6	12.18	17.6	—	—
Personal service .....	10.89	7.3	10.19	12.4	11.54	7.8
1 .....	8.24	1.7	—	—	8.21	2.2
2 .....	10.13	9.5	—	—	11.90	17.8
3 .....	9.46	5.0	—	—	—	—
Early childhood teachers' assistants .....	12.25	22.7	—	—	—	—
Child care workers, n.e.c. ....	11.36	9.8	—	—	11.61	11.1
1 .....	8.15	5.1	—	—	8.03	5.9
Service, n.e.c. ....	10.15	4.9	9.44	6.9	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. 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 appendixes C and D for more information.

<sup>3</sup> All workers include full-time and part-time workers.

<sup>4</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and

hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 4-2. Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$23.74	2.1	\$23.11	2.3	\$26.56	3.4
All excluding sales .....	23.83	2.1	23.18	2.3	26.56	3.4
<b>White collar</b> .....	28.41	2.4	27.78	2.9	30.57	3.4
2 .....	11.04	3.0	10.95	3.0	11.57	8.5
3 .....	13.90	3.3	13.82	3.6	15.02	5.8
4 .....	15.50	2.5	15.67	3.4	15.15	2.3
5 .....	16.79	4.6	18.13	5.1	14.77	4.0
6 .....	21.14	4.8	20.42	4.2	23.64	9.2
7 .....	22.22	2.3	22.71	2.4	20.01	5.4
8 .....	31.19	2.2	25.94	3.5	41.49	2.8
9 .....	32.63	1.7	29.14	1.5	38.77	3.8
10 .....	32.66	7.0	32.47	7.5	33.79	18.6
11 .....	38.68	3.3	37.49	2.2	44.78	9.5
12 .....	43.00	3.5	44.18	2.6	33.94	21.5
13 .....	66.20	9.6	69.98	9.3	—	—
14 .....	60.97	5.8	61.03	6.0	—	—
Not able to be leveled .....	30.45	6.4	30.16	6.8	34.02	9.3
White collar excluding sales .....	29.01	2.1	28.49	2.5	30.57	3.4
2 .....	11.07	3.7	10.94	3.8	11.57	8.5
3 .....	14.39	2.7	14.33	3.0	15.02	5.8
4 .....	15.26	2.5	15.33	3.7	15.15	2.3
5 .....	16.73	4.6	18.08	5.2	14.77	4.0
6 .....	21.19	5.3	20.29	4.7	23.64	9.2
7 .....	22.27	2.4	22.81	2.5	20.01	5.4
8 .....	31.30	2.2	25.73	3.3	41.49	2.8
9 .....	32.68	1.7	29.12	1.5	38.77	3.8
10 .....	31.60	7.0	31.19	7.3	33.79	18.6
11 .....	38.95	3.3	37.73	2.0	44.78	9.5
12 .....	43.21	3.6	44.47	2.6	33.94	21.5
13 .....	66.20	9.6	69.98	9.3	—	—
14 .....	60.97	5.8	61.03	6.0	—	—
Not able to be leveled .....	31.03	4.6	30.76	4.9	34.02	9.3
<b>Professional specialty and technical</b> .....	33.77	2.3	32.59	2.7	36.61	3.9
Professional specialty .....	35.99	2.6	34.34	3.0	39.53	4.1
5 .....	14.22	4.4	—	—	—	—
6 .....	27.13	10.6	23.64	3.4	—	—
7 .....	22.25	7.4	23.66	6.7	18.43	8.7
8 .....	35.28	3.4	26.52	7.1	43.57	1.3
9 .....	33.27	2.0	28.02	2.3	42.27	3.2
10 .....	31.35	6.0	31.42	5.8	—	—
11 .....	39.29	3.6	37.73	2.2	47.08	6.5
12 .....	40.14	6.6	42.16	4.3	29.46	27.3
13 .....	64.56	12.4	68.44	11.9	—	—
Not able to be leveled .....	35.80	4.0	36.26	4.6	—	—
Engineers, architects, and surveyors .....	37.07	2.3	37.06	2.3	—	—
9 .....	32.25	3.1	32.25	3.1	—	—
11 .....	38.07	2.0	38.05	2.0	—	—
Not able to be leveled .....	38.12	5.4	38.12	5.4	—	—
Industrial engineers .....	35.04	4.4	35.04	4.4	—	—
9 .....	33.50	2.2	33.50	2.2	—	—
Mechanical engineers .....	33.14	5.2	33.14	5.2	—	—
Not able to be leveled .....	34.64	8.2	34.64	8.2	—	—
Engineers, n.e.c. ....	39.74	.4	39.74	.4	—	—
Not able to be leveled .....	41.92	4.7	41.92	4.7	—	—
Mathematical and computer scientists .....	35.98	2.7	35.98	2.7	—	—
10 .....	35.11	3.2	35.11	3.2	—	—
11 .....	35.95	7.8	35.95	7.8	—	—
12 .....	46.21	6.1	46.21	6.1	—	—
Computer systems analysts and scientists .....	35.68	3.4	35.68	3.4	—	—
10 .....	35.11	3.2	35.11	3.2	—	—
12 .....	50.60	10.3	50.60	10.3	—	—
Natural scientists .....	26.74	20.6	—	—	—	—
Health related .....	32.47	11.9	32.82	13.8	30.72	12.3
7 .....	22.76	6.3	22.76	6.3	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Professional specialty and technical –Continued</b>						
Professional specialty –Continued						
Health related –Continued						
8 .....	\$27.05	3.2	\$27.41	4.2	–	–
9 .....	25.38	3.0	25.36	3.5	\$25.49	2.6
10 .....	39.87	17.3	–	–	–	–
11 .....	32.65	.8	32.65	.8	–	–
Not able to be leveled .....	34.54	12.8	43.54	20.6	–	–
Physicians .....	54.88	21.4	60.43	23.1	–	–
Not able to be leveled .....	34.89	14.4	44.88	25.7	–	–
Registered nurses .....	26.39	1.3	26.52	1.4	25.52	.5
7 .....	25.03	2.8	25.03	2.8	–	–
8 .....	26.47	.3	26.72	.4	–	–
9 .....	25.78	2.0	25.83	2.2	25.46	.8
Teachers, college and university .....	50.64	10.3	37.17	.5	53.52	10.0
11 .....	42.94	4.2	–	–	–	–
Teachers, except college and university .....	41.56	3.7	24.32	13.7	44.14	3.3
8 .....	41.30	5.5	–	–	44.93	1.4
9 .....	47.10	1.8	–	–	47.09	1.8
Elementary school teachers .....	45.52	3.0	–	–	45.82	2.9
8 .....	45.41	5.7	–	–	45.71	5.7
9 .....	46.77	2.5	–	–	46.77	2.5
Secondary school teachers .....	42.00	7.6	–	–	45.51	2.1
8 .....	40.80	11.1	–	–	47.09	4.0
9 .....	45.92	4.5	–	–	–	–
Teachers, special education .....	46.77	10.4	–	–	46.77	10.4
Vocational and educational counselors .....	30.40	25.8	–	–	–	–
Librarians, archivists, and curators .....	31.12	20.9	–	–	33.55	19.2
Librarians .....	31.12	20.9	–	–	33.55	19.2
Social scientists and urban planners .....	–	–	–	–	–	–
Social, recreation, and religious workers .....	24.45	17.0	15.74	5.2	29.55	18.6
Social workers .....	24.71	17.4	15.41	5.9	29.55	18.6
Lawyers and judges .....	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.27	6.0	34.07	7.1	–	–
Technical .....	24.69	4.7	26.46	5.1	17.67	11.5
4 .....	16.79	6.4	17.35	5.7	–	–
5 .....	16.44	7.4	17.88	5.9	–	–
6 .....	19.73	3.6	19.44	5.5	–	–
7 .....	23.23	3.2	24.06	3.5	–	–
8 .....	25.69	4.6	25.89	4.7	–	–
9 .....	30.46	7.3	30.52	7.5	–	–
Not able to be leveled .....	40.44	37.5	40.44	37.5	–	–
Clinical laboratory technologists and technicians	21.34	7.1	21.33	7.4	–	–
8 .....	22.01	2.7	22.01	2.7	–	–
Radiological technicians .....	24.34	7.4	24.28	7.6	–	–
Licensed practical nurses .....	19.55	1.1	19.92	1.7	–	–
5 .....	18.85	2.1	18.92	2.2	–	–
7 .....	21.29	4.1	21.29	4.1	–	–
Health technologists and technicians, n.e.c. ....	15.76	6.8	16.84	4.5	14.48	11.4
5 .....	14.15	8.2	15.96	2.1	–	–
Electrical and electronic technicians .....	22.80	8.5	22.80	8.5	–	–
Mechanical engineering technicians .....	23.83	17.8	23.83	17.8	–	–
Engineering technicians, n.e.c. ....	28.36	7.0	–	–	–	–
<b>Executive, administrative, and managerial .....</b>	<b>36.95</b>	<b>4.3</b>	<b>37.50</b>	<b>4.9</b>	<b>33.60</b>	<b>5.8</b>
7 .....	21.87	1.9	21.87	1.9	–	–
8 .....	24.13	7.2	24.11	8.1	–	–
9 .....	31.44	4.8	34.05	4.9	27.82	1.8
10 .....	31.27	11.9	29.14	15.8	–	–
11 .....	37.95	4.1	37.88	4.4	–	–
12 .....	44.19	3.0	44.58	2.3	–	–
13 .....	57.75	7.1	58.92	7.7	–	–

See footnotes at end of table.

Table 4-2. Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Executive, administrative, and managerial –Continued</b>						
14 .....	\$64.45	8.4	\$64.77	9.0	–	–
Not able to be leveled .....	32.92	9.7	32.83	10.0	–	–
Executives, administrators, and managers .....	42.22	4.8	42.45	5.4	\$40.65	5.0
9 .....	36.56	8.7	36.76	12.4	–	–
10 .....	37.65	7.7	–	–	–	–
11 .....	41.13	4.3	41.60	4.3	–	–
12 .....	45.06	4.6	45.86	3.3	–	–
13 .....	57.75	7.1	58.92	7.7	–	–
14 .....	64.45	8.4	64.77	9.0	–	–
Not able to be leveled .....	34.10	10.0	34.01	10.3	–	–
Administrators and officials, public administration .....	38.29	9.4	–	–	38.29	9.4
Financial managers .....	39.15	10.1	39.25	10.2	–	–
Administrators, education and related fields .....	44.72	3.3	–	–	45.72	1.3
Managers, medicine and health .....	28.94	12.7	28.47	13.8	–	–
Managers and administrators, n.e.c. ....	43.97	6.2	43.99	6.2	–	–
9 .....	36.75	12.1	36.76	12.4	–	–
11 .....	42.03	5.2	42.03	5.2	–	–
13 .....	58.92	7.7	58.92	7.7	–	–
Not able to be leveled .....	34.80	15.3	34.80	15.3	–	–
Management related .....	30.02	4.4	30.73	5.2	26.37	3.0
7 .....	23.65	4.6	23.65	4.6	–	–
8 .....	23.26	6.5	23.11	7.4	–	–
9 .....	29.21	5.0	32.56	3.9	25.33	4.0
10 .....	25.11	15.1	23.65	14.7	–	–
11 .....	33.78	4.7	33.68	5.6	–	–
12 .....	42.66	.9	42.66	.9	–	–
Not able to be leveled .....	28.34	25.2	28.34	25.2	–	–
Accountants and auditors .....	31.32	12.2	31.47	12.9	–	–
Other financial officers .....	31.05	11.3	33.29	9.5	–	–
Management analysts .....	33.25	10.7	33.25	10.7	–	–
Personnel, training, and labor relations specialists .....	25.00	6.1	25.05	6.9	–	–
9 .....	28.15	9.3	29.03	10.4	–	–
Construction inspectors .....	26.30	6.2	–	–	26.30	6.2
Management related, n.e.c. ....	30.42	6.0	30.78	7.0	–	–
12 .....	41.17	5.5	41.17	5.5	–	–
<b>Sales</b> .....	21.94	11.8	21.94	11.8	–	–
2 .....	10.98	6.1	10.98	6.1	–	–
3 .....	11.71	5.4	11.71	5.4	–	–
Not able to be leveled .....	26.81	28.0	26.81	28.0	–	–
Sales representatives, mining, manufacturing, and wholesale .....	23.95	8.4	23.95	8.4	–	–
Sales workers, other commodities .....	10.73	7.2	10.73	7.2	–	–
Cashiers .....	11.30	9.1	11.30	9.1	–	–
<b>Administrative support, including clerical</b> .....	16.19	2.5	16.29	3.0	15.85	3.7
2 .....	11.07	3.7	10.94	3.8	11.57	8.5
3 .....	14.50	2.6	14.39	3.0	16.12	2.5
4 .....	15.14	2.5	15.10	3.9	15.21	2.3
5 .....	17.44	5.7	18.17	7.0	16.00	5.4
6 .....	19.79	6.0	19.75	6.6	20.16	6.8
7 .....	21.18	3.6	20.82	4.4	22.50	4.3
8 .....	23.08	7.9	23.90	8.6	–	–
Not able to be leveled .....	17.22	5.6	17.22	5.6	–	–
Supervisors, general office .....	22.50	4.6	–	–	–	–
Secretaries .....	18.08	4.1	18.72	5.3	16.60	4.8
3 .....	15.53	4.1	–	–	–	–
4 .....	15.72	7.8	15.79	11.7	15.58	4.5
5 .....	18.04	9.1	19.78	9.5	–	–
6 .....	20.53	10.1	–	–	–	–
7 .....	23.37	3.6	–	–	–	–

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar —Continued</b>						
<b>Administrative support, including clerical —Continued</b>						
Interviewers .....	\$13.77	2.6	\$13.77	2.6	—	—
Receptionists .....	12.01	8.9	12.01	8.9	—	—
Information clerks, n.e.c. ....	15.37	6.8	15.37	6.8	—	—
4 .....	16.14	7.5	16.14	7.5	—	—
Bookkeepers, accounting and auditing clerks .....	16.15	5.1	15.84	6.1	—	—
Billing clerks .....	14.88	3.7	14.82	3.9	—	—
4 .....	15.11	6.1	15.11	6.1	—	—
Traffic, shipping and receiving clerks .....	16.01	10.9	16.01	10.9	—	—
General office clerks .....	14.54	2.4	14.41	5.9	\$14.63	1.6
3 .....	11.86	7.9	11.73	8.3	—	—
4 .....	14.49	1.7	—	—	14.54	1.8
5 .....	16.62	8.0	—	—	—	—
Bank tellers .....	12.54	12.1	12.54	12.1	—	—
Teachers' aides .....	12.63	14.0	—	—	12.63	14.0
Administrative support, n.e.c. ....	15.09	5.6	14.19	7.2	—	—
<b>Blue collar</b> .....	20.53	2.1	20.66	2.2	18.58	5.6
1 .....	11.23	6.2	11.22	6.3	—	—
2 .....	13.22	7.0	12.96	8.2	14.48	.7
3 .....	21.51	5.2	21.81	5.6	15.57	3.2
4 .....	21.90	4.1	21.98	4.2	—	—
5 .....	17.14	6.9	17.02	7.2	19.54	1.4
6 .....	20.49	3.5	20.72	4.2	—	—
7 .....	26.75	1.3	27.09	1.2	23.77	4.3
8 .....	29.14	3.4	30.04	1.4	—	—
Not able to be leveled .....	16.60	5.6	16.60	5.6	—	—
<b>Precision production, craft, and repair</b> .....	24.86	3.3	25.14	3.6	22.21	5.2
3 .....	22.45	13.6	—	—	—	—
4 .....	20.58	11.5	20.58	11.5	—	—
5 .....	18.73	5.3	18.67	5.7	—	—
6 .....	20.41	7.7	20.33	9.3	—	—
7 .....	27.34	1.7	27.80	1.4	23.76	4.5
8 .....	29.64	3.6	30.74	2.0	—	—
Not able to be leveled .....	18.96	11.8	18.96	11.8	—	—
Automobile mechanics .....	18.79	9.4	—	—	—	—
Industrial machinery repairers .....	25.95	8.4	25.95	8.4	—	—
7 .....	28.21	4.6	28.21	4.6	—	—
Millwrights .....	28.50	4.8	28.50	4.8	—	—
7 .....	28.50	4.8	28.50	4.8	—	—
Mechanics and repairers, n.e.c. ....	18.97	6.0	18.45	8.0	—	—
7 .....	20.61	5.3	20.19	7.6	—	—
Supervisors, construction trades, n.e.c. ....	28.27	5.9	—	—	—	—
Electricians .....	30.09	2.1	30.17	2.3	—	—
7 .....	29.50	1.4	29.49	1.5	—	—
Plumbers, pipefitters and steamfitters .....	28.85	2.5	28.78	2.6	—	—
7 .....	29.72	.4	29.69	.4	—	—
Supervisors, production .....	23.85	10.8	23.85	10.8	—	—
8 .....	29.60	2.6	29.60	2.6	—	—
Tool and die makers .....	27.52	10.4	27.52	10.4	—	—
7 .....	29.16	2.9	29.16	2.9	—	—
Machinists .....	22.89	13.2	22.89	13.2	—	—
7 .....	27.14	6.1	27.14	6.1	—	—
<b>Machine operators, assemblers, and inspectors</b> .....	19.89	1.4	19.92	1.4	—	—
1 .....	11.09	3.8	11.06	4.1	—	—
2 .....	11.67	6.5	11.67	6.5	—	—
3 .....	22.18	7.8	22.18	7.8	—	—
4 .....	23.50	3.2	23.50	3.2	—	—
5 .....	18.03	5.1	18.03	5.1	—	—
Punching and stamping press operators .....	19.94	3.8	19.94	3.8	—	—
Laundering and dry cleaning machine operators .....	10.36	6.1	—	—	—	—

See footnotes at end of table.



Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar —Continued</b>						
<b>Machine operators, assemblers, and inspectors</b>						
—Continued						
Laundering and dry cleaning machine operators						
—Continued						
1 .....	\$10.36	6.1	—	—	—	—
Miscellaneous machine operators, n.e.c. ....	15.64	7.3	\$15.64	7.3	—	—
4 .....	21.38	10.3	21.38	10.3	—	—
Welders and cutters .....	25.11	1.3	25.11	1.3	—	—
Assemblers .....	22.98	3.6	22.98	3.6	—	—
3 .....	25.18	2.4	25.18	2.4	—	—
4 .....	23.90	7.2	23.90	7.2	—	—
Production inspectors, checkers and examiners ..	21.42	13.6	21.42	13.6	—	—
3 .....	25.93	.8	25.93	.8	—	—
<b>Transportation and material moving .....</b>						
2 .....	17.84	7.0	18.20	8.3	\$15.99	2.1
3 .....	13.10	9.0	11.67	11.1	—	—
4 .....	19.30	3.8	20.27	4.4	15.42	.4
4 .....	17.96	18.0	18.04	20.1	—	—
Truck drivers .....	17.13	5.1	17.61	5.9	—	—
Bus drivers .....	15.54	.6	—	—	15.54	.6
3 .....	15.42	.4	—	—	15.42	.4
Industrial truck and tractor equipment operators ..	18.04	11.9	18.04	11.9	—	—
3 .....	19.85	6.0	19.85	6.0	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	22.71	2.7	22.71	2.7	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>						
1 .....	14.11	6.6	13.93	7.6	15.57	10.7
2 .....	11.63	14.4	11.63	14.4	—	—
3 .....	14.67	6.4	14.88	8.6	—	—
3 .....	16.00	18.7	15.63	22.2	—	—
Not able to be leveled .....	12.62	12.9	12.62	12.9	—	—
Groundskeepers and gardeners, except farm .....	14.08	11.0	—	—	—	—
Stock handlers and baggers .....	13.14	7.8	13.14	7.8	—	—
1 .....	8.74	3.6	8.74	3.6	—	—
Freight, stock, and material handlers, n.e.c. ....	15.58	14.8	15.58	14.8	—	—
Laborers, except construction, n.e.c. ....	13.67	20.6	—	—	—	—
<b>Service .....</b>						
1 .....	13.32	2.8	11.04	3.1	18.80	2.6
2 .....	11.09	9.1	10.98	9.8	12.87	14.8
3 .....	11.27	4.2	10.19	5.0	13.41	9.0
4 .....	10.66	4.1	10.09	3.1	16.76	2.3
4 .....	13.35	8.7	13.37	10.1	—	—
5 .....	14.31	6.2	11.86	5.8	17.94	1.0
6 .....	17.94	3.7	—	—	18.61	2.2
7 .....	21.05	7.2	—	—	21.05	7.2
8 .....	23.38	2.1	—	—	23.38	2.1
Not able to be leveled .....	12.65	8.1	12.65	8.1	—	—
Protective service .....	17.02	14.3	—	—	21.69	2.3
5 .....	15.55	7.6	—	—	18.27	1.6
7 .....	21.72	7.4	—	—	21.72	7.4
8 .....	23.38	2.1	—	—	23.38	2.1
Firefighting .....	18.20	.8	—	—	18.20	.8
Police and detectives, public service .....	23.61	1.6	—	—	23.61	1.6
8 .....	23.52	3.0	—	—	23.52	3.0
Correctional institution officers .....	19.61	1.0	—	—	19.61	1.0
Food service .....	9.91	2.8	9.83	2.9	11.70	1.1
1 .....	8.86	10.8	8.60	12.0	—	—
2 .....	7.05	12.6	6.61	14.9	—	—
3 .....	10.04	7.4	—	—	—	—
4 .....	12.36	6.1	—	—	—	—
Other food service .....	10.63	4.1	10.58	4.2	11.70	1.1
1 .....	8.86	10.8	8.60	12.0	—	—
2 .....	9.88	7.4	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service—Continued</b>						
Food service—Continued						
Other food service—Continued						
3 .....	\$10.04	7.4	—	—	—	—
4 .....	12.36	6.1	—	—	—	—
Supervisors, food preparation and service .....	12.16	4.7	\$12.16	4.7	—	—
Cooks .....	10.82	4.2	10.74	4.4	—	—
Food preparation, n.e.c. ....	9.86	5.1	9.72	5.9	—	—
1 .....	9.88	6.2	—	—	—	—
Health service .....	10.74	2.6	10.57	2.3	—	—
2 .....	11.35	4.6	11.25	4.9	—	—
3 .....	10.00	2.4	9.99	2.4	—	—
4 .....	12.40	2.9	12.40	2.9	—	—
Health aides, except nursing .....	11.78	6.4	11.71	6.7	—	—
3 .....	11.01	13.3	11.01	13.3	—	—
4 .....	12.34	4.3	12.34	4.3	—	—
Nursing aides, orderlies and attendants .....	10.41	2.6	10.20	1.8	—	—
2 .....	11.29	4.8	11.25	4.9	—	—
3 .....	9.60	2.1	9.60	2.1	—	—
Cleaning and building service .....	12.99	6.8	12.37	8.8	\$14.92	4.3
1 .....	12.39	16.4	12.22	17.9	—	—
2 .....	12.49	7.1	11.32	13.1	13.79	3.9
3 .....	14.97	9.9	—	—	17.32	2.1
Not able to be leveled .....	12.89	13.4	12.89	13.4	—	—
Maids and housemen .....	9.53	10.2	—	—	—	—
Janitors and cleaners .....	13.34	8.0	12.70	11.0	14.97	4.4
1 .....	12.86	19.5	12.69	21.7	—	—
2 .....	13.08	5.5	12.26	11.2	13.80	4.0
3 .....	14.97	9.9	—	—	17.32	2.1
Not able to be leveled .....	12.56	16.7	12.56	16.7	—	—
Personal service .....	12.83	8.4	12.01	10.8	13.37	11.8
Child care workers, n.e.c. ....	13.13	12.1	—	—	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. 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 appendixes C and D for more information.

<sup>3</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>4</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 4-3. Selected occupations<sup>1</sup> and levels,<sup>2</sup> part-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$12.03	5.0	\$11.70	5.5	\$14.15	10.3
All excluding sales .....	12.42	5.3	12.10	6.0	14.17	10.3
<b>White collar</b> .....	18.06	8.5	17.75	9.8	19.77	8.7
1 .....	9.28	6.1	9.44	6.0	8.06	4.2
2 .....	8.74	5.5	8.67	5.5	—	—
3 .....	9.21	2.9	8.88	1.7	12.90	4.7
4 .....	10.30	13.0	10.33	13.4	—	—
5 .....	18.13	3.5	18.79	3.3	13.82	10.1
6 .....	19.96	4.5	20.89	4.6	—	—
7 .....	23.08	5.9	23.61	6.3	—	—
8 .....	26.74	7.2	28.93	3.3	—	—
9 .....	26.76	3.9	27.62	3.5	22.76	1.6
10 .....	26.22	10.8	32.63	2.1	—	—
11 .....	40.14	7.7	39.51	8.5	—	—
Not able to be leveled .....	24.66	20.2	21.98	40.3	—	—
White collar excluding sales .....	21.27	8.9	21.61	10.9	19.87	8.6
1 .....	9.80	5.0	—	—	8.06	4.1
2 .....	10.06	7.8	—	—	—	—
3 .....	11.02	7.6	10.18	7.1	12.90	4.7
4 .....	10.30	13.5	10.33	13.9	—	—
5 .....	18.13	3.5	18.79	3.3	13.82	10.1
6 .....	19.96	4.5	20.89	4.6	—	—
7 .....	23.08	5.9	23.61	6.3	—	—
8 .....	26.74	7.2	28.93	3.3	—	—
9 .....	26.76	3.9	27.62	3.5	22.76	1.6
10 .....	26.22	10.8	32.63	2.1	—	—
11 .....	40.14	7.7	39.51	8.5	—	—
Not able to be leveled .....	24.66	20.2	21.98	40.3	—	—
<b>Professional specialty and technical</b> .....	25.55	6.6	26.43	7.8	22.54	6.8
Professional specialty .....	28.70	6.1	30.98	6.4	22.97	7.1
5 .....	13.13	5.1	—	—	12.80	6.3
7 .....	25.12	2.6	25.56	2.2	—	—
8 .....	26.85	8.5	29.95	3.4	—	—
9 .....	26.80	3.9	27.62	3.5	22.76	1.8
10 .....	26.22	10.8	32.63	2.1	—	—
11 .....	43.14	4.0	42.63	4.3	—	—
Natural scientists .....	—	—	—	—	—	—
Health related .....	30.89	7.3	31.58	7.4	—	—
7 .....	25.90	1.9	25.90	1.9	—	—
8 .....	29.12	4.4	29.95	3.4	—	—
9 .....	28.25	3.3	28.33	3.4	—	—
Registered nurses .....	27.56	3.3	27.78	3.4	—	—
7 .....	26.59	.9	26.59	.9	—	—
8 .....	28.41	4.1	29.17	3.1	—	—
9 .....	27.13	.8	27.18	.8	—	—
Teachers, college and university .....	28.67	4.7	28.98	6.3	—	—
Teachers, except college and university .....	20.16	3.6	—	—	20.06	3.7
Teachers, n.e.c. ....	22.43	1.2	—	—	22.43	1.2
Librarians, archivists, and curators .....	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	—	—	—	—	—	—
Technical .....	17.16	14.5	17.10	15.6	—	—
5 .....	19.63	3.5	19.70	3.9	—	—
6 .....	19.27	2.7	—	—	—	—
7 .....	18.45	13.2	18.92	15.1	—	—
Licensed practical nurses .....	18.70	2.1	18.90	2.0	—	—
5 .....	19.09	2.4	19.14	2.4	—	—
<b>Executive, administrative, and managerial</b> .....	—	—	—	—	—	—
Executives, administrators, and managers .....	—	—	—	—	—	—
Management related .....	—	—	—	—	—	—

See footnotes at end of table.

Table 4-3. Selected occupations<sup>1</sup> and levels,<sup>2</sup> part-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Sales</b> .....	\$8.35	1.3	\$8.35	1.3	–	–
1 .....	8.10	.9	–	–	–	–
2 .....	8.22	2.6	8.22	2.6	–	–
<b>Cashiers</b> .....	8.33	1.6	8.34	1.6	–	–
2 .....	8.42	5.6	8.42	5.6	–	–
<b>Administrative support, including clerical</b> .....	11.85	10.6	12.11	12.8	\$10.18	5.8
1 .....	9.80	5.0	–	–	8.06	4.1
2 .....	10.06	7.8	–	–	–	–
3 .....	10.96	7.8	10.06	6.9	12.90	4.7
4 .....	13.37	6.5	13.37	6.5	–	–
Secretaries .....	21.61	30.5	–	–	–	–
Library clerks .....	9.36	9.6	–	–	9.36	9.6
1 .....	8.06	4.3	–	–	8.06	4.3
<b>Blue collar</b> .....	8.96	3.4	8.54	3.7	14.43	10.1
1 .....	7.44	3.8	7.44	3.8	–	–
2 .....	10.31	8.2	9.87	7.5	–	–
3 .....	14.38	5.5	–	–	14.74	6.0
<b>Machine operators, assemblers, and inspectors</b> .....	–	–	–	–	–	–
<b>Transportation and material moving</b> .....	12.78	15.3	–	–	15.26	6.7
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	8.27	3.0	8.26	3.0	–	–
1 .....	7.44	3.8	7.44	3.8	–	–
2 .....	10.32	7.0	10.32	7.0	–	–
Stock handlers and baggers .....	7.88	3.1	7.88	3.1	–	–
1 .....	7.16	6.3	7.16	6.3	–	–
2 .....	10.22	7.2	10.22	7.2	–	–
<b>Service</b> .....	8.13	2.6	7.90	3.0	9.43	4.2
1 .....	7.81	2.3	7.78	2.7	8.02	2.2
2 .....	7.58	9.0	6.97	11.2	11.41	3.4
3 .....	9.08	2.6	8.79	2.0	11.62	6.6
4 .....	9.58	7.2	–	–	–	–
5 .....	11.45	5.3	–	–	–	–
Protective service .....	9.16	1.9	9.06	2.7	9.54	2.4
1 .....	9.32	8.3	–	–	–	–
Crossing guards .....	8.42	16.1	–	–	8.42	16.1
Guards and police, except public service .....	9.11	2.7	9.07	2.9	–	–
Food service .....	7.20	4.6	7.03	5.2	9.55	17.6
1 .....	7.50	2.1	7.50	2.2	–	–
2 .....	5.88	20.1	5.39	24.0	–	–
3 .....	8.17	2.5	7.77	1.4	–	–
Waiters, waitresses, and bartenders .....	4.61	22.3	4.61	22.3	–	–
Waiters and waitresses .....	3.28	17.0	3.28	17.0	–	–
Other food service .....	7.95	1.8	7.79	1.6	9.55	17.6
1 .....	7.69	2.2	7.71	2.2	–	–
2 .....	8.56	9.9	–	–	–	–
3 .....	8.47	6.0	8.06	5.7	–	–
Food preparation, n.e.c. ....	8.10	3.8	7.87	3.4	9.55	17.6
1 .....	7.74	5.1	7.77	5.6	–	–
Health service .....	10.86	2.0	10.66	.9	–	–
2 .....	10.95	4.4	10.41	1.4	–	–
3 .....	10.87	1.1	10.87	1.1	–	–
Health aides, except nursing .....	11.85	5.0	–	–	–	–
Nursing aides, orderlies and attendants .....	10.47	2.5	10.47	2.5	–	–
2 .....	10.54	1.8	10.54	1.8	–	–
3 .....	10.49	5.5	10.48	5.6	–	–
Cleaning and building service .....	8.29	6.3	8.10	4.5	–	–
1 .....	7.94	4.7	7.94	4.9	–	–
Janitors and cleaners .....	8.24	6.4	8.03	4.0	–	–

See footnotes at end of table.

Table 4-3. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> part-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service—Continued</b>						
Cleaning and building service—Continued						
Janitors and cleaners—Continued						
1 .....	\$7.85	4.1	\$7.85	4.3	—	—
Personal service .....	8.87	3.5	8.90	6.0	\$8.84	2.0
1 .....	8.17	1.7	—	—	8.20	2.3
2 .....	8.70	1.4	—	—	10.38	4.5
Child care workers, n.e.c. ....	8.56	.9	—	—	8.52	.9
1 .....	8.03	5.9	—	—	8.03	5.9
Service, n.e.c. ....	8.97	4.0	—	—	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. 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 appendixes C and D for more information.

<sup>3</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>4</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 5-1. **Selected worker characteristics: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004**

Occupational group	Private industry and State and local government					
	Full-time workers <sup>3</sup>	Part-time workers <sup>3</sup>	Union <sup>4</sup>	Nonunion <sup>4</sup>	Time <sup>5</sup>	Incentive <sup>5</sup>
	Mean					
<b>All occupations</b> .....	\$23.74	\$12.03	\$23.49	\$22.18	\$22.71	\$21.10
All excluding sales .....	23.83	12.42	23.60	22.33	22.87	17.64
<b>White collar</b> .....	28.41	18.06	29.77	27.16	27.89	22.41
White-collar excluding sales .....	29.01	21.27	30.36	28.04	28.60	-
Professional specialty and technical .....	33.77	25.55	39.49	31.09	33.20	-
Professional specialty .....	35.99	28.70	40.53	33.73	35.52	-
Technical .....	24.69	17.16	34.07	21.43	23.97	-
Executive, administrative, and managerial .....	36.95	-	33.11	37.26	36.93	-
Sales .....	21.94	8.35	-	20.24	18.51	22.34
Administrative support, including clerical .....	16.19	11.85	16.07	15.89	15.95	-
<b>Blue collar</b> .....	20.53	8.96	22.54	14.75	20.00	18.16
Precision production, craft, and repair .....	24.86	-	27.36	20.19	24.93	-
Machine operators, assemblers, and inspectors .....	19.89	-	22.87	12.51	19.82	-
Transportation and material moving .....	17.84	12.78	19.18	14.31	17.75	15.33
Handlers, equipment cleaners, helpers, and laborers .....	14.11	8.27	13.87	10.41	12.43	-
<b>Service</b> .....	13.32	8.13	15.54	9.84	12.06	-
	Relative error <sup>6</sup> (percent)					
<b>All occupations</b> .....	2.1	5.0	3.0	3.5	2.0	8.3
All excluding sales .....	2.1	5.3	3.0	3.5	2.0	15.0
<b>White collar</b> .....	2.4	8.5	5.5	2.8	2.3	9.6
White-collar excluding sales .....	2.1	8.9	5.6	2.4	2.0	-
Professional specialty and technical .....	2.3	6.6	3.9	3.0	2.3	-
Professional specialty .....	2.6	6.1	3.6	3.7	2.5	-
Technical .....	4.7	14.5	9.8	3.7	4.6	-
Executive, administrative, and managerial .....	4.3	-	6.6	4.6	4.3	-
Sales .....	11.8	1.3	-	11.2	13.6	10.5
Administrative support, including clerical .....	2.5	10.6	3.0	3.9	2.8	-
<b>Blue collar</b> .....	2.1	3.4	2.4	4.3	2.2	9.8
Precision production, craft, and repair .....	3.3	-	1.8	4.5	3.4	-
Machine operators, assemblers, and inspectors .....	1.4	-	2.6	6.3	1.4	-
Transportation and material moving .....	7.0	15.3	6.5	11.6	7.0	15.1
Handlers, equipment cleaners, helpers, and laborers .....	6.6	3.0	7.6	3.6	5.2	-
<b>Service</b> .....	2.8	2.6	5.2	1.4	1.8	-

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

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>4</sup> Union workers are those whose wages are determined through collective bargaining.

<sup>5</sup> Time workers' wages are based solely on an 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.

<sup>6</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

Table 5-2. Major industry division: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> private industry, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupational group	Full-time and part-time workers									
	All private industries	Goods-producing industries <sup>3</sup>				Service-producing industries <sup>4</sup>				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
	Mean									
<b>All occupations</b> .....	\$22.03	\$27.10	–	\$26.19	\$27.15	\$18.77	\$23.34	–	\$21.84	\$19.70
All excluding sales .....	22.18	27.07	–	26.19	27.12	18.78	23.02	–	21.28	19.61
<b>White collar</b> .....	27.06	35.59	–	–	35.96	23.71	29.99	–	23.39	25.33
White-collar excluding sales .....	28.10	35.81	–	–	36.20	24.63	29.46	–	22.91	25.33
Professional specialty and technical .....	32.12	36.40	–	–	36.44	29.65	–	–	33.40	28.01
Professional specialty .....	34.11	38.16	–	–	38.16	31.46	33.96	–	36.41	30.93
Technical .....	25.44	27.65	–	–	27.43	24.63	–	–	–	19.88
Executive, administrative, and managerial .....	37.48	43.74	–	–	44.05	32.69	34.33	–	31.83	34.42
Sales .....	19.62	29.62	–	–	29.62	18.70	–	–	–	–
Administrative support, including clerical .....	16.03	19.09	–	–	19.65	15.50	–	–	17.54	14.54
<b>Blue collar</b> .....	20.10	22.40	–	27.54	22.11	14.73	17.85	–	–	13.86
Precision production, craft, and repair .....	25.14	27.20	–	27.83	27.11	20.10	27.93	–	–	16.44
Machine operators, assemblers, and inspectors .....	19.85	20.67	–	–	20.67	12.74	–	–	–	–
Transportation and material moving .....	18.06	21.77	–	–	20.84	15.45	14.49	–	–	8.60
Handlers, equipment cleaners, helpers, and laborers .....	12.21	16.28	–	–	15.59	10.94	12.35	–	–	11.40
<b>Service</b> .....	10.15	21.92	–	–	22.04	9.81	–	–	–	10.32
	Relative error <sup>5</sup> (percent)									
<b>All occupations</b> .....	2.2	1.6	–	0.1	1.6	3.5	19.9	–	7.5	5.2
All excluding sales .....	2.1	1.6	–	.1	1.7	3.8	19.9	–	8.5	5.5
<b>White collar</b> .....	2.9	1.8	–	–	1.9	3.9	27.6	–	7.1	3.8
White-collar excluding sales .....	2.3	1.6	–	–	1.7	3.6	28.1	–	8.4	4.1
Professional specialty and technical .....	2.7	2.2	–	–	2.2	4.7	–	–	12.1	5.9
Professional specialty .....	3.0	.1	–	–	.1	5.7	14.1	–	7.6	6.7
Technical .....	5.0	12.5	–	–	13.2	4.8	–	–	–	4.3
Executive, administrative, and managerial .....	4.9	1.9	–	–	1.8	8.8	2.7	–	1.0	7.2
Sales .....	11.0	6.4	–	–	6.4	11.6	–	–	–	–
Administrative support, including clerical .....	3.4	6.6	–	–	7.2	4.3	–	–	10.5	6.5
<b>Blue collar</b> .....	2.2	1.7	–	1.1	1.8	4.9	16.6	–	–	3.1
Precision production, craft, and repair .....	3.6	2.4	–	2.3	2.8	8.8	5.8	–	–	2.2
Machine operators, assemblers, and inspectors .....	1.4	1.6	–	–	1.6	8.9	–	–	–	–
Transportation and material moving .....	8.1	5.6	–	–	4.2	13.0	21.3	–	–	6.8
Handlers, equipment cleaners, helpers, and laborers .....	5.8	11.0	–	–	12.2	5.0	28.6	–	–	9.5
<b>Service</b> .....	2.2	6.9	–	–	6.7	1.6	–	–	–	2.0

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

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> Goods-producing industries include mining, construction, and manufacturing.

<sup>4</sup> Service-producing industries include transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

Table 5-3. Establishment employment size: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> private industry, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers <sup>3</sup>	100 workers or more		
			Total	100 - 499 workers	500 workers or more
Mean					
<b>All occupations</b> .....	\$22.03	\$18.57	\$22.94	\$16.66	\$27.85
All excluding sales .....	22.18	18.74	23.01	16.40	28.01
<b>White collar</b> .....	27.06	23.19	28.06	22.24	31.60
White-collar excluding sales .....	28.10	25.13	28.73	22.55	32.10
Professional specialty and technical .....	32.12	34.12	31.83	26.00	34.35
Professional specialty .....	34.11	39.59	33.42	27.95	35.69
Technical .....	25.44	21.53	26.20	19.83	29.34
Executive, administrative, and managerial .....	37.48	32.06	38.48	31.58	41.35
Sales .....	19.62	17.33	21.27	20.48	22.61
Administrative support, including clerical .....	16.03	16.32	15.92	14.68	17.11
<b>Blue collar</b> .....	20.10	16.55	21.00	14.65	25.31
Precision production, craft, and repair .....	25.14	21.89	26.02	21.45	27.89
Machine operators, assemblers, and inspectors .....	19.85	14.72	21.34	13.58	25.28
Transportation and material moving .....	18.06	14.94	18.75	15.16	22.60
Handlers, equipment cleaners, helpers, and laborers .....	12.21	11.28	12.34	10.83	16.53
<b>Service</b> .....	10.15	9.16	10.45	9.68	12.51
Relative error <sup>4</sup> (percent)					
<b>All occupations</b> .....	2.2	6.6	2.5	5.7	2.5
All excluding sales .....	2.1	7.1	2.5	4.9	2.4
<b>White collar</b> .....	2.9	8.4	2.9	6.1	2.6
White-collar excluding sales .....	2.3	9.2	1.9	4.0	2.5
Professional specialty and technical .....	2.7	20.8	2.6	7.3	2.2
Professional specialty .....	3.0	24.3	1.8	5.8	2.2
Technical .....	5.0	5.4	6.5	10.7	5.1
Executive, administrative, and managerial .....	4.9	12.8	4.0	9.9	3.2
Sales .....	11.0	8.2	18.5	26.3	21.5
Administrative support, including clerical .....	3.4	7.2	3.4	6.3	2.8
<b>Blue collar</b> .....	2.2	5.4	2.4	5.2	3.2
Precision production, craft, and repair .....	3.6	4.6	3.9	6.4	4.2
Machine operators, assemblers, and inspectors .....	1.4	10.2	1.5	4.2	2.0
Transportation and material moving .....	8.1	19.7	10.2	17.0	3.5
Handlers, equipment cleaners, helpers, and laborers .....	5.8	8.9	6.1	7.1	12.0
<b>Service</b> .....	2.2	3.6	3.2	3.5	9.9

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

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> Establishments classified with 50-99 workers may contain

establishments with fewer than 50 due to staff reductions between survey sampling and collection.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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



Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$9.20	\$12.50	\$19.95	\$28.23	\$39.96
All excluding sales .....	9.36	12.73	20.17	28.28	39.65
<b>White collar</b> .....	11.81	15.79	24.60	36.06	47.50
White collar excluding sales .....	12.82	16.83	25.31	36.39	48.24
<b>Professional specialty and technical</b> .....	17.44	22.40	29.43	40.48	51.46
Professional specialty .....	20.09	25.60	33.00	42.60	55.04
Engineers, architects, and surveyors .....	27.75	30.62	36.45	41.57	47.58
Industrial engineers .....	28.28	31.60	34.82	37.69	42.66
Mechanical engineers .....	25.84	28.68	32.37	38.85	42.38
Engineers, n.e.c. ....	28.78	33.72	38.72	44.47	52.11
Mathematical and computer scientists .....	25.61	29.93	34.62	41.73	46.28
Computer systems analysts and scientists .....	22.60	29.40	34.62	41.20	46.42
Natural scientists .....	12.02	14.76	24.00	35.60	42.18
Health related .....	20.19	22.82	26.40	29.31	64.69
Physicians .....	19.12	21.25	64.69	75.31	108.17
Registered nurses .....	21.73	24.82	26.57	28.14	29.86
Dietitians .....	17.69	18.61	20.77	23.69	27.12
Respiratory therapists .....	15.00	17.42	19.50	21.01	23.41
Physical therapists .....	23.45	25.23	28.04	43.00	51.00
Teachers, college and university .....	28.85	39.34	42.14	51.28	74.68
Health specialties teachers .....	42.14	42.14	42.14	45.40	51.31
Other post-secondary teachers .....	21.64	25.13	33.89	46.13	74.68
Teachers, except college and university .....	19.56	29.24	42.11	51.92	59.13
Prekindergarten and kindergarten .....	13.89	15.43	16.66	34.63	56.49
Elementary school teachers .....	29.24	37.36	46.47	55.26	59.13
Secondary school teachers .....	26.66	31.59	41.36	50.58	59.97
Teachers, special education .....	24.74	40.51	48.06	55.26	56.05
Teachers, n.e.c. ....	23.58	24.87	24.87	29.52	32.15
Vocational and educational counselors .....	14.75	15.95	18.27	47.87	61.58
Librarians, archivists, and curators .....	16.39	19.85	21.38	46.72	46.72
Librarians .....	16.39	19.85	21.38	46.72	46.72
Social scientists and urban planners .....	11.95	13.98	20.09	25.00	31.27
Social, recreation, and religious workers .....	13.50	15.83	21.13	23.34	55.50
Social workers .....	13.50	15.44	21.13	24.46	55.82
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	19.71	27.89	33.72	40.86	46.74
Technical .....	13.68	17.58	20.48	25.71	31.90
Clinical laboratory technologists and technicians .....	16.27	19.37	21.67	23.25	25.51
Radiological technicians .....	18.27	20.65	24.50	26.34	31.20
Licensed practical nurses .....	16.77	18.50	18.82	20.60	22.24
Health technologists and technicians, n.e.c. ....	11.06	12.29	14.66	18.64	21.73
Electrical and electronic technicians .....	18.55	18.55	21.50	26.50	30.33
Mechanical engineering technicians .....	18.20	18.39	22.05	28.95	33.40
Engineering technicians, n.e.c. ....	19.56	21.34	29.80	33.18	36.07
<b>Executive, administrative, and managerial</b> .....	19.71	25.69	35.31	45.00	56.59
Executives, administrators, and managers .....	24.97	30.63	40.05	51.07	61.94
Administrators and officials, public administration .....	30.63	30.63	37.79	42.73	46.73
Financial managers .....	22.39	30.83	36.06	44.75	66.67
Administrators, education and related fields .....	31.88	38.93	43.94	44.88	55.70
Managers, medicine and health .....	16.53	20.46	29.63	39.00	42.29
Managers and administrators, n.e.c. ....	24.97	31.45	42.87	52.88	62.55
Management related .....	19.23	21.49	28.02	37.16	43.99
Accountants and auditors .....	17.76	19.71	26.58	41.83	49.76
Other financial officers .....	19.24	21.20	28.72	39.19	48.65
Management analysts .....	19.93	24.76	32.00	40.74	46.10
Personnel, training, and labor relations specialists .....	21.00	22.12	24.11	26.56	31.43
Construction inspectors .....	22.23	24.29	25.82	25.82	27.84
Management related, n.e.c. ....	19.23	23.23	29.50	35.75	42.22
<b>Sales</b> .....	8.00	9.30	13.70	25.15	42.63
Sales representatives, mining, manufacturing, and wholesale .....	15.35	18.10	23.00	29.50	31.34
Sales workers, other commodities .....	7.80	8.50	9.50	11.72	13.78
Cashiers .....	6.90	8.00	9.27	11.50	15.09

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>White collar</b> —Continued					
<b>Administrative support, including clerical</b> .....	\$10.02	\$12.50	\$14.75	\$18.70	\$24.04
Supervisors, general office .....	18.96	20.50	21.74	25.21	26.51
Secretaries .....	12.05	13.94	16.72	21.09	26.98
Interviewers .....	8.00	9.25	12.75	13.93	15.05
Receptionists .....	9.17	9.17	11.68	13.00	16.02
Information clerks, n.e.c. ....	11.09	12.78	14.42	18.37	20.61
Personnel clerks, except payroll and timekeeping .....	16.83	16.83	17.15	20.22	22.41
Library clerks .....	7.14	8.00	8.75	12.94	13.39
Records clerks, n.e.c. ....	10.75	10.75	11.74	14.61	18.92
Bookkeepers, accounting and auditing clerks .....	12.50	13.50	15.80	17.55	19.38
Billing clerks .....	12.26	13.32	15.33	15.87	19.26
Telephone operators .....	7.50	7.50	10.12	10.12	11.00
Traffic, shipping and receiving clerks .....	9.95	12.89	14.18	15.95	25.88
General office clerks .....	10.56	12.54	14.16	15.45	18.88
Bank tellers .....	9.60	10.08	11.53	13.60	15.89
Teachers' aides .....	8.00	10.99	12.55	13.62	14.38
Administrative support, n.e.c. ....	10.89	12.00	14.90	17.55	19.14
<b>Blue collar</b> .....	10.00	12.87	20.26	26.21	29.82
<b>Precision production, craft, and repair</b> .....	15.69	19.45	26.51	30.02	30.88
Automobile mechanics .....	13.00	15.25	19.64	22.00	24.00
Industrial machinery repairers .....	17.50	18.15	29.88	30.18	30.52
Millwrights .....	20.44	29.70	29.70	29.82	29.94
Mechanics and repairers, n.e.c. ....	14.02	17.14	18.79	19.94	21.98
Supervisors, construction trades, n.e.c. ....	22.59	23.64	29.37	29.37	34.65
Electricians .....	23.93	30.10	30.39	30.72	34.66
Plumbers, pipefitters and steamfitters .....	27.55	29.65	29.82	30.29	30.88
Supervisors, production .....	17.80	18.60	22.75	28.85	31.52
Tool and die makers .....	14.43	25.00	30.29	30.54	30.98
Machinists .....	13.50	16.35	21.89	29.92	30.02
<b>Machine operators, assemblers, and inspectors</b> .....	10.50	12.31	22.47	26.06	26.35
Punching and stamping press operators .....	11.70	14.30	19.90	26.26	26.83
Laundering and dry cleaning machine operators .....	9.20	9.25	10.12	11.89	11.89
Miscellaneous machine operators, n.e.c. ....	10.40	10.75	13.46	15.99	26.07
Welders and cutters .....	25.11	25.74	26.07	26.20	26.24
Assemblers .....	12.15	20.22	25.94	26.26	26.41
Production inspectors, checkers and examiners ..	10.00	12.00	25.69	26.30	26.34
<b>Transportation and material moving</b> .....	9.85	12.75	15.73	23.75	26.03
Truck drivers .....	10.32	13.64	15.73	20.00	26.72
Bus drivers .....	13.79	13.92	15.78	16.90	18.09
Industrial truck and tractor equipment operators ..	9.85	12.23	17.39	25.71	25.81
Miscellaneous material moving equipment operators, n.e.c. ....	20.35	20.39	20.45	26.15	26.26
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	6.75	8.73	10.50	14.50	22.85
Groundskeepers and gardeners, except farm .....	7.75	10.25	12.82	17.89	20.59
Stock handlers and baggers .....	5.85	6.80	9.00	12.25	17.62
Freight, stock, and material handlers, n.e.c. ....	9.75	11.91	13.46	14.38	25.42
Hand packers and packagers .....	9.45	9.45	9.85	11.00	25.42
Laborers, except construction, n.e.c. ....	7.30	8.30	12.00	18.27	19.54
<b>Service</b> .....	7.25	8.33	10.60	13.90	20.07
Protective service .....	8.55	10.00	15.55	20.92	25.58
Firefighting .....	14.25	17.54	19.00	20.07	20.35
Police and detectives, public service .....	17.40	22.96	24.23	25.72	27.30
Correctional institution officers .....	16.69	18.41	19.73	20.91	21.08
Crossing guards .....	6.50	7.00	8.75	10.00	10.75
Guards and police, except public service .....	8.00	8.75	9.75	11.50	14.20
Protective service, n.e.c. ....	8.25	15.55	15.75	18.80	26.40
Food service .....	4.35	6.75	8.36	10.00	12.28
Waiters, waitresses, and bartenders .....	2.65	2.65	2.65	5.75	7.25
Waiters and waitresses .....	2.65	2.65	2.65	2.65	4.35
Other food service .....	6.41	7.50	9.00	10.80	12.63

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>Service —Continued</b>					
Food service —Continued					
Other food service —Continued					
Supervisors, food preparation and service .....	\$9.50	\$10.50	\$12.63	\$13.22	\$14.60
Cooks .....	9.00	9.50	10.48	12.00	13.80
Food counter, fountain, and related .....	5.50	6.50	7.69	8.65	9.75
Food preparation, n.e.c. ....	6.29	7.25	8.15	9.40	11.16
Health service .....	8.00	8.70	10.60	12.27	13.73
Health aides, except nursing .....	8.39	10.41	12.03	13.30	14.24
Nursing aides, orderlies and attendants .....	7.97	8.50	10.35	11.70	12.98
Cleaning and building service .....	7.50	9.00	11.50	14.33	18.50
Maids and housemen .....	7.75	8.95	9.25	10.75	11.25
Janitors and cleaners .....	7.50	8.75	12.00	14.52	18.73
Personal service .....	7.00	8.15	9.93	11.48	17.53
Early childhood teachers' assistants .....	7.07	9.25	10.99	18.90	18.90
Child care workers, n.e.c. ....	6.13	9.48	10.99	11.48	17.53
Service, n.e.c. ....	8.00	9.00	10.73	11.58	12.16

<sup>1</sup> 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.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6-2. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	Private industry				
	10	25	Median 50	75	90
<b>All</b> .....	\$9.00	\$12.00	\$19.71	\$27.79	\$37.57
All excluding sales .....	9.00	12.15	20.00	27.89	36.97
<b>White collar</b> .....	11.00	15.66	24.58	34.78	44.65
White collar excluding sales .....	12.61	17.11	25.54	35.31	45.24
<b>Professional specialty and technical</b> .....	18.50	22.86	28.91	37.32	45.19
Professional specialty .....	20.57	26.01	31.25	39.69	47.21
Engineers, architects, and surveyors .....	27.71	30.58	36.42	41.60	47.58
Industrial engineers .....	28.28	31.60	34.82	37.69	42.66
Mechanical engineers .....	25.84	28.68	32.37	38.85	42.38
Engineers, n.e.c. ....	28.78	33.72	38.72	44.47	52.11
Mathematical and computer scientists .....	25.61	29.93	34.62	41.73	46.28
Computer systems analysts and scientists .....	22.60	29.40	34.62	41.20	46.42
Natural scientists .....	—	—	—	—	—
Health related .....	20.17	23.21	26.90	29.31	64.69
Physicians .....	19.11	20.17	64.69	83.92	110.95
Registered nurses .....	21.80	24.97	26.91	28.24	29.86
Respiratory therapists .....	15.00	17.42	19.50	21.01	23.41
Teachers, college and university .....	23.94	29.42	34.53	40.61	47.13
Teachers, except college and university .....	15.13	17.16	24.87	29.40	32.52
Librarians, archivists, and curators .....	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—
Social, recreation, and religious workers .....	13.50	13.50	14.71	18.38	21.60
Social workers .....	13.50	13.50	14.71	17.00	21.60
Lawyers and judges .....	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	19.38	24.85	32.46	42.26	48.72
Technical .....	14.53	18.55	21.34	25.96	32.79
Clinical laboratory technologists and technicians .....	16.28	19.50	21.81	23.37	26.61
Radiological technicians .....	18.27	20.63	24.14	26.34	31.20
Licensed practical nurses .....	16.69	18.50	19.25	21.37	22.57
Health technologists and technicians, n.e.c. ....	13.64	14.53	15.77	18.81	20.60
Electrical and electronic technicians .....	18.55	18.55	21.50	26.50	30.33
Mechanical engineering technicians .....	18.20	18.39	22.05	28.95	33.40
<b>Executive, administrative, and managerial</b> .....	19.71	25.00	35.58	46.08	58.51
Executives, administrators, and managers .....	24.97	29.81	40.81	52.16	61.94
Financial managers .....	22.39	30.83	36.06	44.75	66.67
Managers, medicine and health .....	15.67	19.89	29.63	39.00	42.29
Managers and administrators, n.e.c. ....	24.97	31.45	43.00	52.88	62.63
Management related .....	19.23	20.77	29.42	38.44	44.58
Accountants and auditors .....	17.76	19.71	25.69	43.99	52.89
Other financial officers .....	19.24	24.29	30.40	41.52	49.72
Management analysts .....	19.93	24.76	32.00	40.74	46.10
Personnel, training, and labor relations specialists .....	20.49	22.12	24.27	25.16	31.43
Management related, n.e.c. ....	19.23	21.64	30.22	38.04	43.10
<b>Sales</b> .....	8.00	9.30	13.70	25.15	42.63
Sales representatives, mining, manufacturing, and wholesale .....	15.35	18.10	23.00	29.50	31.34
Sales workers, other commodities .....	7.80	8.50	9.50	11.72	13.78
Cashiers .....	6.90	8.00	9.27	11.50	15.09
<b>Administrative support, including clerical</b> .....	9.92	12.06	14.49	19.08	25.22
Secretaries .....	12.00	14.40	17.87	24.04	26.98
Interviewers .....	8.00	9.25	12.75	13.93	15.05
Receptionists .....	9.17	9.17	11.68	13.00	16.02
Information clerks, n.e.c. ....	11.09	12.78	14.42	18.37	20.61
Bookkeepers, accounting and auditing clerks .....	12.50	13.24	14.64	17.55	19.34
Billing clerks .....	12.00	13.01	15.30	15.87	19.50
Telephone operators .....	7.50	7.50	10.12	10.12	11.00
Traffic, shipping and receiving clerks .....	9.95	12.89	14.18	15.95	25.88
General office clerks .....	8.50	11.27	12.95	15.29	20.29
Bank tellers .....	9.60	10.08	11.53	13.60	15.89
Administrative support, n.e.c. ....	9.80	11.84	13.61	16.23	18.50

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	Private industry				
	10	25	Median 50	75	90
<b>Blue collar</b> .....	\$9.85	\$12.50	\$20.60	\$26.26	\$29.82
<b>Precision production, craft, and repair</b> .....	15.69	18.79	27.55	30.10	30.88
Industrial machinery repairers .....	17.50	18.15	29.88	30.18	30.52
Millwrights .....	20.44	29.70	29.70	29.82	29.94
Mechanics and repairers, n.e.c. ....	14.02	16.18	17.52	19.94	19.94
Electricians .....	29.75	30.10	30.38	30.52	34.68
Plumbers, pipefitters and steamfitters .....	18.53	29.55	29.82	30.53	30.88
Supervisors, production .....	17.80	18.60	22.75	28.85	31.52
Tool and die makers .....	14.43	25.00	30.29	30.54	30.98
Machinists .....	13.50	16.35	21.89	29.92	30.02
<b>Machine operators, assemblers, and inspectors</b> .....	10.50	12.40	22.50	26.07	26.38
Punching and stamping press operators .....	11.70	14.30	19.90	26.26	26.83
Laundering and dry cleaning machine operators .....	8.34	9.25	9.35	10.72	10.77
Miscellaneous machine operators, n.e.c. ....	10.40	10.75	13.46	15.99	26.07
Welders and cutters .....	25.11	25.74	26.07	26.20	26.24
Assemblers .....	12.15	20.22	25.94	26.26	26.41
Production inspectors, checkers and examiners ..	10.00	12.00	25.69	26.30	26.34
<b>Transportation and material moving</b> .....	9.85	12.50	15.73	25.71	26.26
Truck drivers .....	10.00	13.68	15.73	25.81	26.72
Industrial truck and tractor equipment operators ..	9.85	12.23	17.39	25.71	25.81
Miscellaneous material moving equipment operators, n.e.c. ....	20.35	20.39	20.45	26.15	26.26
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	6.70	8.50	10.00	14.38	22.85
Stock handlers and baggers .....	5.85	6.80	9.00	12.25	17.62
Freight, stock, and material handlers, n.e.c. ....	9.75	11.91	13.46	14.38	25.42
Hand packers and packagers .....	9.45	9.45	9.85	11.00	25.42
Laborers, except construction, n.e.c. ....	7.30	8.20	9.55	17.66	18.27
<b>Service</b> .....	7.00	8.00	9.50	11.50	13.89
Protective service .....	8.00	8.75	10.00	11.50	14.42
Guards and police, except public service .....	8.00	8.75	9.75	11.50	14.15
Food service .....	4.00	6.75	8.25	10.00	12.05
Waiters, waitresses, and bartenders .....	2.65	2.65	2.65	5.75	7.25
Waiters and waitresses .....	2.65	2.65	2.65	2.65	4.35
Other food service .....	6.29	7.50	9.00	10.48	12.63
Supervisors, food preparation and service .....	9.50	10.50	12.63	13.22	14.60
Cooks .....	8.50	9.50	10.00	12.00	13.80
Food counter, fountain, and related .....	5.50	6.50	7.69	8.65	9.75
Food preparation, n.e.c. ....	6.10	7.25	8.00	9.00	10.54
Health service .....	8.00	8.60	10.50	12.03	13.40
Health aides, except nursing .....	8.39	10.22	11.84	13.30	14.24
Nursing aides, orderlies and attendants .....	7.97	8.42	10.25	11.47	12.60
Cleaning and building service .....	7.50	8.05	10.40	13.25	20.00
Maids and housemen .....	7.75	8.87	9.25	10.50	11.25
Janitors and cleaners .....	7.45	8.05	10.50	13.14	22.82
Personal service .....	7.16	8.00	9.00	10.34	12.74
Service, n.e.c. ....	6.40	8.30	9.40	10.77	12.18

<sup>1</sup> 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.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6-3. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	State and local government				
	10	25	Median 50	75	90
<b>All</b> .....	\$12.20	\$15.04	\$20.35	\$31.46	\$49.55
All excluding sales .....	12.20	15.05	20.35	31.46	49.55
<b>White collar</b> .....	13.21	16.00	24.69	42.14	55.26
White collar excluding sales .....	13.22	16.01	24.71	42.14	55.26
<b>Professional specialty and technical</b> .....	14.93	21.38	33.96	48.30	56.86
Professional specialty .....	17.52	24.64	38.63	50.58	59.57
Engineers, architects, and surveyors .....	—	—	—	—	—
Natural scientists .....	—	—	—	—	—
Health related .....	20.83	22.54	25.01	27.56	62.72
Registered nurses .....	21.08	23.60	25.01	26.67	29.48
Teachers, college and university .....	30.01	42.14	43.39	51.89	75.54
Teachers, except college and university .....	24.49	33.49	44.99	54.95	59.97
Elementary school teachers .....	29.76	37.36	47.15	55.26	59.13
Secondary school teachers .....	29.57	37.86	45.44	53.57	62.15
Teachers, special education .....	24.74	40.51	48.06	55.26	56.05
Teachers, n.e.c. ....	21.38	24.87	25.14	31.54	33.88
Librarians, archivists, and curators .....	19.66	19.85	22.44	46.72	46.72
Librarians .....	19.66	19.85	22.44	46.72	46.72
Social scientists and urban planners .....	—	—	—	—	—
Social, recreation, and religious workers .....	16.56	20.24	22.29	27.91	55.82
Social workers .....	16.56	20.24	22.29	27.91	55.82
Lawyers and judges .....	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	—	—	—	—	—
Technical .....	11.08	14.04	17.68	20.86	22.33
Licensed practical nurses .....	17.27	18.59	18.59	18.59	18.59
Health technologists and technicians, n.e.c. ....	10.78	11.08	12.23	17.79	22.38
<b>Executive, administrative, and managerial</b> .....	22.12	25.82	30.63	37.95	46.73
Executives, administrators, and managers .....	30.63	32.03	37.79	45.19	55.70
Administrators and officials, public administration .....	30.63	30.63	37.79	42.73	46.73
Administrators, education and related fields .....	38.27	42.60	43.94	45.19	55.70
Management related .....	21.20	22.31	25.82	28.93	34.35
Construction inspectors .....	22.23	24.29	25.82	25.82	27.84
<b>Sales</b> .....	—	—	—	—	—
<b>Administrative support, including clerical</b> .....	12.04	13.53	15.26	17.55	20.22
Secretaries .....	13.06	13.53	15.55	18.09	20.15
Library clerks .....	7.14	8.00	8.75	12.94	13.39
General office clerks .....	12.12	13.16	14.42	15.46	16.86
Teachers' aides .....	8.00	10.99	13.12	13.62	18.43
<b>Blue collar</b> .....	12.60	13.92	18.09	22.30	23.64
<b>Precision production, craft, and repair</b> .....	14.85	19.64	22.64	22.86	30.22
<b>Machine operators, assemblers, and inspectors</b> .....	—	—	—	—	—
<b>Transportation and material moving</b> .....	13.64	13.92	15.58	18.09	18.97
Bus drivers .....	13.79	13.92	15.78	16.90	18.09
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	11.06	12.60	13.18	17.89	21.49
Groundskeepers and gardeners, except farm .....	11.60	12.60	12.82	20.18	20.59
<b>Service</b> .....	10.03	12.69	17.40	21.08	25.72
Protective service .....	15.54	18.58	20.72	24.60	27.13
Firefighting .....	14.25	17.54	19.00	20.07	20.35
Police and detectives, public service .....	17.40	22.96	24.23	25.72	27.30
Correctional institution officers .....	16.69	18.41	19.73	20.91	21.08
Crossing guards .....	6.50	7.00	8.75	10.00	10.75
Protective service, n.e.c. ....	10.00	15.75	17.06	18.80	27.19
Food service .....	6.46	8.36	11.07	12.51	13.64
Other food service .....	6.46	8.36	11.07	12.51	13.64
Food preparation, n.e.c. ....	6.46	8.36	10.66	11.16	14.12

See footnotes at end of table.

Table 6-3. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, State and local government, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	State and local government				
	10	25	Median 50	75	90
<b>Service—Continued</b>					
Health service .....	\$11.78	\$13.14	\$13.42	\$17.02	\$17.02
Cleaning and building service .....	12.16	12.69	14.52	16.59	18.00
Janitors and cleaners .....	12.69	12.69	14.52	16.67	18.00
Personal service .....	6.13	9.25	10.99	12.16	17.53
Child care workers, n.e.c. ....	6.13	9.48	10.99	16.03	17.53

<sup>1</sup> 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.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6-4. Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$10.36	\$13.64	\$21.00	\$29.25	\$41.31
All excluding sales .....	10.41	13.84	21.28	29.20	40.81
<b>White collar</b> .....	12.50	16.50	25.00	36.97	47.87
White collar excluding sales .....	13.06	17.11	25.71	37.35	48.72
<b>Professional specialty and technical</b> .....	18.07	22.60	30.29	41.26	52.99
Professional specialty .....	20.13	26.04	34.15	43.06	55.26
Engineers, architects, and surveyors .....	27.75	30.62	36.45	41.57	47.58
Industrial engineers .....	28.28	31.60	34.82	37.69	42.66
Mechanical engineers .....	25.84	28.68	32.37	38.85	42.38
Engineers, n.e.c. ....	28.78	33.72	38.72	44.47	52.11
Mathematical and computer scientists .....	25.61	29.93	34.62	41.73	46.28
Computer systems analysts and scientists .....	22.60	29.40	34.62	41.20	46.42
Natural scientists .....	12.05	14.76	25.25	35.60	42.28
Health related .....	20.17	22.37	26.24	29.17	64.69
Physicians .....	19.11	20.26	64.69	75.18	108.17
Registered nurses .....	21.33	24.60	26.34	28.00	29.78
Teachers, college and university .....	35.94	42.14	43.87	54.00	74.88
Teachers, except college and university .....	22.67	30.67	43.01	53.34	59.13
Elementary school teachers .....	29.40	37.36	46.62	55.26	59.13
Secondary school teachers .....	26.66	31.59	41.36	50.58	59.97
Teachers, special education .....	24.74	40.51	48.06	55.26	56.05
Vocational and educational counselors .....	14.75	15.95	18.27	47.87	61.58
Librarians, archivists, and curators .....	18.85	20.29	25.13	46.72	46.72
Librarians .....	18.85	20.29	25.13	46.72	46.72
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	13.50	15.44	20.24	22.90	55.82
Social workers .....	13.50	15.44	21.13	23.32	55.82
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	19.38	27.45	33.27	40.67	46.83
Technical .....	14.04	18.20	20.83	25.80	32.32
Clinical laboratory technologists and technicians .....	16.27	19.33	22.00	23.25	25.25
Radiological technicians .....	19.01	21.00	25.00	26.34	31.20
Licensed practical nurses .....	17.26	18.59	18.91	20.60	22.57
Health technologists and technicians, n.e.c. ....	11.06	12.26	14.62	18.64	21.49
Electrical and electronic technicians .....	18.55	18.55	21.50	26.50	30.33
Mechanical engineering technicians .....	18.20	18.39	22.05	28.95	33.40
Engineering technicians, n.e.c. ....	19.56	21.34	29.80	33.18	36.07
<b>Executive, administrative, and managerial</b> .....	19.71	25.57	35.31	45.00	56.59
Executives, administrators, and managers .....	24.97	30.63	40.05	51.11	61.94
Administrators and officials, public administration .....	30.63	30.63	37.79	42.73	46.73
Financial managers .....	22.39	30.83	36.06	44.75	66.67
Administrators, education and related fields .....	31.88	38.93	43.94	44.88	55.70
Managers, medicine and health .....	16.53	20.46	29.63	39.00	42.29
Managers and administrators, n.e.c. ....	24.97	31.45	42.87	52.88	62.55
Management related .....	19.23	21.49	27.92	37.31	43.99
Accountants and auditors .....	17.76	19.71	26.58	41.83	49.76
Other financial officers .....	19.24	21.20	28.72	39.19	48.65
Management analysts .....	19.93	24.76	32.00	40.74	46.10
Personnel, training, and labor relations specialists .....	20.49	22.12	23.84	25.00	31.43
Construction inspectors .....	22.23	24.29	25.82	25.82	27.84
Management related, n.e.c. ....	19.23	23.23	29.50	35.75	42.22
<b>Sales</b> .....	8.88	11.11	17.83	30.88	42.63
Sales representatives, mining, manufacturing, and wholesale .....	15.35	18.10	23.00	29.50	31.34
Sales workers, other commodities .....	8.19	8.88	10.16	12.20	13.98
Cashiers .....	8.30	9.00	11.00	13.22	15.09
<b>Administrative support, including clerical</b> .....	10.54	12.81	15.00	18.92	24.04
Supervisors, general office .....	18.96	20.50	21.74	25.21	26.51
Secretaries .....	12.05	13.96	16.72	21.03	26.75
Interviewers .....	12.30	12.75	13.50	14.36	15.31
Receptionists .....	9.17	9.17	11.69	13.00	16.02
Information clerks, n.e.c. ....	11.09	12.78	14.42	18.37	20.61
Bookkeepers, accounting and auditing clerks .....	13.20	14.00	15.80	17.55	19.38

See footnotes at end of table.



Table 6-4. Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>White collar</b> –Continued					
<b>Administrative support, including clerical</b> –Continued					
Billing clerks .....	\$12.14	\$13.20	\$15.30	\$15.87	\$18.78
Traffic, shipping and receiving clerks .....	9.95	12.89	14.18	15.95	25.88
General office clerks .....	11.48	12.75	14.27	15.85	19.06
Bank tellers .....	9.60	10.30	12.19	14.10	16.59
Teachers' aides .....	8.00	10.99	13.12	13.62	18.43
Administrative support, n.e.c. ....	10.89	12.00	15.12	17.55	19.14
<b>Blue collar</b> .....	10.60	13.68	21.63	26.26	29.82
<b>Precision production, craft, and repair</b> .....					
Automobile mechanics .....	13.00	15.25	19.64	22.00	24.00
Industrial machinery repairers .....	17.50	18.15	29.88	30.18	30.52
Millwrights .....	20.44	29.70	29.70	29.82	29.94
Mechanics and repairers, n.e.c. ....	14.02	17.14	18.79	19.94	21.98
Supervisors, construction trades, n.e.c. ....	22.59	23.64	29.37	29.37	34.65
Electricians .....	23.93	30.10	30.39	30.72	34.66
Plumbers, pipefitters and steamfitters .....	27.55	29.65	29.82	30.29	30.88
Supervisors, production .....	17.80	18.60	22.75	28.85	31.52
Tool and die makers .....	14.43	25.00	30.29	30.54	30.98
Machinists .....	13.50	16.35	21.89	29.92	30.02
<b>Machine operators, assemblers, and inspectors</b> .....					
Punching and stamping press operators .....	11.70	14.30	19.70	26.26	26.83
Laundry and dry cleaning machine operators .....	9.20	9.25	10.12	11.89	11.89
Miscellaneous machine operators, n.e.c. ....	10.40	10.75	13.46	15.99	26.07
Welders and cutters .....	25.11	25.74	26.07	26.20	26.24
Assemblers .....	12.15	20.22	25.94	26.26	26.41
Production inspectors, checkers and examiners ..	11.05	13.30	25.69	26.30	26.34
<b>Transportation and material moving</b> .....					
Truck drivers .....	12.25	13.68	15.73	21.42	26.72
Bus drivers .....	13.87	13.92	15.58	16.71	18.09
Industrial truck and tractor equipment operators ..	9.85	12.23	17.39	25.71	25.81
Miscellaneous material moving equipment operators, n.e.c. ....	20.35	20.39	20.45	26.15	26.26
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....					
Groundskeepers and gardeners, except farm .....	7.75	11.60	12.82	17.89	20.59
Stock handlers and baggers .....	8.45	9.00	12.00	17.10	19.40
Freight, stock, and material handlers, n.e.c. ....	9.65	13.00	13.50	17.50	25.42
Laborers, except construction, n.e.c. ....	7.30	8.30	12.00	18.27	19.73
<b>Service</b> .....					
Protective service .....	9.00	11.00	17.15	22.55	25.72
Firefighting .....	14.25	17.54	19.00	20.07	20.35
Police and detectives, public service .....	17.63	22.96	24.23	25.72	27.30
Correctional institution officers .....	16.69	18.41	19.73	20.91	21.08
Food service .....	4.58	8.75	10.00	12.00	13.33
Waiters, waitresses, and bartenders .....	–	–	–	–	–
Other food service .....	8.00	9.25	10.15	12.05	13.33
Supervisors, food preparation and service .....	9.50	10.50	12.63	13.22	14.60
Cooks .....	8.50	9.50	10.48	12.00	13.80
Food preparation, n.e.c. ....	7.95	9.00	10.00	11.16	11.82
Health service .....	8.00	8.42	10.60	12.27	14.08
Health aides, except nursing .....	8.39	10.50	11.89	13.40	14.24
Nursing aides, orderlies and attendants .....	7.97	8.30	10.28	11.75	13.15

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>Service—Continued</b>					
Cleaning and building service .....	\$8.05	\$9.25	\$12.25	\$14.52	\$18.73
Maids and housemen .....	7.75	9.00	9.25	10.75	11.25
Janitors and cleaners .....	8.05	9.46	12.69	15.25	20.34
Personal service .....	7.95	9.69	10.99	16.53	18.90
Child care workers, n.e.c. ....	9.52	10.99	10.99	16.89	17.53

<sup>1</sup> 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 more 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.

<sup>2</sup> Employees are classified as working either a full-time or a part-time

schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6-5. Hourly wage percentiles for establishment jobs,<sup>1</sup> part-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$6.13	\$7.28	\$9.00	\$12.40	\$24.90
All excluding sales .....	6.00	7.30	9.00	13.14	25.52
<b>White collar</b> .....	7.50	8.75	14.83	25.00	29.76
White collar excluding sales .....	8.25	12.00	21.43	27.30	30.59
<b>Professional specialty and technical</b> .....	14.80	19.85	24.87	28.54	32.50
Professional specialty .....	19.71	23.60	26.59	29.47	36.30
Natural scientists .....	-	-	-	-	-
Health related .....	22.45	25.25	27.94	29.86	43.00
Registered nurses .....	22.98	25.36	27.64	29.18	30.59
Teachers, college and university .....	21.17	23.42	28.85	33.89	36.27
Teachers, except college and university .....	13.33	15.38	22.23	24.87	24.87
Teachers, n.e.c. ....	13.33	22.89	24.87	24.87	24.87
Librarians, archivists, and curators .....	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	-	-	-	-	-
Technical .....	7.75	11.14	17.75	22.00	24.19
Licensed practical nurses .....	15.97	16.69	18.73	22.00	22.00
<b>Executive, administrative, and managerial</b> .....	-	-	-	-	-
Executives, administrators, and managers .....	-	-	-	-	-
Management related .....	-	-	-	-	-
<b>Sales</b> .....	6.59	7.11	8.25	9.00	10.45
Cashiers .....	6.44	7.00	8.00	9.27	10.45
<b>Administrative support, including clerical</b> .....	8.00	8.75	10.26	12.50	17.15
Secretaries .....	9.00	12.31	14.31	33.65	33.65
Library clerks .....	7.14	7.90	8.25	10.49	13.39
<b>Blue collar</b> .....	5.75	6.65	8.40	10.30	13.24
<b>Machine operators, assemblers, and inspectors</b> .....	-	-	-	-	-
<b>Transportation and material moving</b> .....	6.75	7.75	13.75	16.90	18.52
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	5.67	6.18	7.50	9.82	11.60
Stock handlers and baggers .....	5.67	6.00	7.00	9.00	11.50
<b>Service</b> .....	5.85	7.00	8.00	9.40	11.07
Protective service .....	7.20	7.94	9.00	10.43	11.25
Crossing guards .....	6.50	7.00	8.75	10.00	10.75
Guards and police, except public service .....	7.30	8.00	9.00	10.00	11.00
Food service .....	4.00	6.00	7.25	8.40	9.40
Waiters, waitresses, and bartenders .....	2.65	2.65	4.50	7.00	7.25
Waiters and waitresses .....	2.65	2.65	2.65	4.00	5.72
Other food service .....	6.00	6.75	7.75	9.00	10.00
Food preparation, n.e.c. ....	6.04	6.95	7.85	9.00	10.66
Health service .....	8.70	9.63	10.97	12.42	13.14
Health aides, except nursing .....	9.63	10.37	12.46	13.14	13.14
Nursing aides, orderlies and attendants .....	8.60	9.48	10.55	11.30	12.50
Cleaning and building service .....	6.75	7.50	7.57	8.75	11.00
Janitors and cleaners .....	6.60	7.50	7.50	8.40	11.00
Personal service .....	6.13	8.00	8.65	10.03	11.48
Child care workers, n.e.c. ....	6.13	6.13	9.48	10.39	11.48
Service, n.e.c. ....	6.40	8.00	9.00	9.88	11.37

<sup>1</sup> 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.

<sup>2</sup> Employees are classified as working either a full-time or a part-time

schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

# 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 the steps required to produce the data.

## Planning for the survey

The overall design of the survey includes questions of scope, frame, and sample selection.

### Survey scope

This survey covered establishments employing 50 workers or more in goods-producing industries (mining, construction and manufacturing); service-producing industries (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments. Agriculture, 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 entity.

The Detroit–Ann Arbor–Flint, MI, Metropolitan Statistical Area includes Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties.

### 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. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated. Approximately one-fifth of the sample is reselected each year.

### 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 Regional Office and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to follow-up 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 Census of Population system
3. Characterization of jobs as full-time v. part-time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal

visit. 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. Prior to 2002, the number of jobs selected ranged from 8 to 20. Beginning in 2002, the number of jobs selected followed this schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50–249	6
250 and over	8

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The National Compensation Survey occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. For cases in which a job's duties overlapped two or more census classification codes, the duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

Each occupational classification is an element of a broader classification known as a major occupational group (MOG). Occupations can fall into any of the following MOGs:

- Professional specialty and technical
- Executive, administrative, and managerial
- Sales
- Administrative support, including clerical
- Precision production, craft, and repair
- Machine operators, assemblers, and inspectors
- Transportation and material moving
- Handlers, equipment cleaners, helpers, and laborers
- Service occupations

Appendix B contains a complete list of all individual occupations, classified by the MOG 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 an "occupational leveling" process. Occupational leveling ranks and compares all occupations randomly selected in an establishment using the same criteria.

For this survey, the level of each occupation in an establishment was determined by an analysis of each of 10 leveling factors. Nine of these factors are drawn from the U.S. Government Office of Personnel Management's Factor Evaluation System, which is the underlying structure for evaluation of General Schedule Federal employees. The tenth factor, supervisory duties, attempts to account for the effect of supervisory duties. It is considered experimental. The 10 factors are:

- Knowledge
- Supervision received
- Guidelines
- Complexity
- Scope and effect
- Personal contacts
- Purpose of contacts
- Physical demands
- Work environment
- Supervisory duties

Each factor contains a number of levels, and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on the written description that best matched the job. Within each occupation, the points for nine factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. A description of the levels for each factor is shown in appendix C.

Tabulations of levels of work for occupations in the survey follow the Federal Government's white-collar General Schedule. Point ranges for each of the 15 levels are shown in appendix D. It also includes an example of a job with its associated leveling factors, and a guide to help data users evaluate jobs in their firms

Wage data collected in prior surveys using the occupational leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 occupational leveling factors (and levels within those factors). The analysis showed that several of the occupational leveling factors, most notably knowledge and supervision received, had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased.

## **Collection period**

Survey data were collected over a 13-month period for 60 metropolitan areas in the NCS program. For 20 small metropolitan areas, data were collected over a 4-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 room and board
- Payments made by third parties (for example, tips, bonuses given by manufacturers to department store salespeople, referral incentives in real estate)
- 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, exempt from overtime provisions, often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

## Definition of terms

*Full-time worker.* Any employee that the employer considers to be full time.

*Incentive worker.* Any employee whose earnings are tied, at least in part, to commissions, piece rates, production bonuses, or other incentives based on production or sales.

*Level.* A ranking of an occupation based on the requirements of the position. (See the description in the technical note on occupational leveling through point factor analysis for more details on the leveling process.)

*Nonunion worker.* An employee in an occupation not meeting the conditions for union coverage. (See below.)

*Part-time worker.* Any employee that the employer considers to be part time.

*Time-based worker.* Any employee whose earnings are tied to an hourly rate or salary, and not to a specific level of production.

*Union worker.* Any employee is 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 collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement

## Processing and analyzing the data

Data were processed and analyzed at the Bureau's 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, 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 and job level.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero. If only partial data were given by a sam-

ple establishment or occupation, or data were missing, the response was treated as a refusal.

### Survey response

	<i>Establish- ments</i>
Total in sampling frame	7,002
Total in sample	597
Responding	414
Out of business or not in survey scope	66
Unable or refused to provide data	117

In this survey, the nonresponse rates for all industries, private industry, and State and local government were within regular survey standards.

### 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.

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 6-1 through 6-5 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 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.

### 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 \$12.79, with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is from \$12.03 to \$13.55 (\$12.79 minus and plus \$0.76, where \$0.76 is the product of 1.645 times 3.6 percent times \$12.79). 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 by personal visit, computer edits of the data, and detailed data review.

Appendix table 1. **Number of workers<sup>1</sup> represented by the survey, by occupational group,<sup>2</sup> National Compensation Survey, Detroit-Ann Arbor-Flint, MI, April 2004**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
<b>All occupations</b> .....	1,177,100	937,000	240,100
All excluding sales .....	1,118,400	878,600	239,800
<b>White collar</b> .....	609,400	454,200	155,300
White-collar excluding sales .....	550,700	395,700	155,000
Professional specialty and technical .....	307,900	201,700	106,200
Professional specialty .....	248,700	154,000	94,700
Technical .....	59,200	47,700	11,500
Executive, administrative, and managerial .....	82,800	70,400	12,400
Sales .....	58,700	58,400	–
Administrative support, including clerical .....	160,100	123,700	36,400
<b>Blue collar</b> .....	340,900	316,300	24,500
Precision production, craft, and repair .....	93,100	84,200	9,000
Machine operators, assemblers, and inspectors .....	143,100	142,500	–
Transportation and material moving .....	45,900	34,900	11,000
Handlers, equipment cleaners, helpers, and laborers .....	58,700	54,800	–
<b>Service</b> .....	226,800	166,500	60,300

<sup>1</sup> 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. Both full-time and part-time workers were included in the survey.

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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