

Cincinnati–Hamilton, OH–KY–IN National Compensation Survey September 2004



U.S. Department of Labor
Elaine L. Chao, Secretary

U.S. Bureau of Labor Statistics
Kathleen P. Utgoff, Commissioner

June 2005

Bulletin 3125–69

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.

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.

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

Contents

	<i>Page</i>
Introduction	1
Tables:	
1–1. Summary: Mean hourly earnings and weekly hours by selected characteristics, private industry and State and local government	2
2–1. Mean hourly earnings, all workers: Selected occupations, private industry and State and local government	3
2–2. Mean hourly earnings, full-time workers: Selected occupations, private industry and State and local government	5
2–3. Mean hourly earnings, part-time workers: Selected occupations, private industry and State and local government	7
3–1. Mean weekly earnings, full-time workers: Selected occupations, private industry and State and local government	8
3–2. Mean annual earnings, full-time workers: Selected occupations, private industry and State and local government	11
4–1. Selected occupations and levels, all workers: Mean hourly earnings, private industry and State and local government	14
4–2. Selected occupations and levels, full-time workers: Mean hourly earnings, private industry and State and local government	19
4–3. Selected occupations and levels, part-time workers: Mean hourly earnings, private industry and State and local government	23
5–1. Selected worker characteristics: Mean hourly earnings by occupational group.....	25
5–2. Major industry division: Mean hourly earnings by occupational group, private industry.....	26
5–3. Establishment employment size: Mean hourly earnings by occupational group, private industry.....	27
6–1. Hourly wage percentiles for establishment jobs, all workers: Selected occupations, all industries.....	28
6–2. Hourly wage percentiles for establishment jobs, all workers: Selected occupations, private industry.....	30
6–3. Hourly wage percentiles for establishment jobs, all workers: Selected occupations, State and local government.....	32
6–4. Hourly wage percentiles for establishment jobs, full-time workers: Selected occupations, all industries.....	33
6–5. Hourly wage percentiles for establishment jobs, part-time workers: Selected occupations, all industries.....	35
Appendixes:	
A. Technical Note.....	A – 1
Appendix table 1. Number of workers represented by the survey, by occupational group.....	A – 5
B. Occupational Classifications	B – 1
C. Occupational Leveling Criteria	C – 1
D. Evaluating Your Firm’s Jobs	D – 1

Introduction

The tables in this bulletin summarize the NCS results for the Cincinnati–Hamilton, OH–KY–IN, metropolitan area. Data were collected between March 2004 and April 2005; the average reference month is September 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 earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³
	Mean	Relative error ² (percent)		Mean	Relative error ² (percent)		Mean	Relative error ² (percent)	
Total	\$19.30	2.1	36.1	\$18.68	2.6	35.8	\$22.80	1.9	37.6
Worker characteristics:⁴									
White-collar occupations ⁵	23.87	4.2	36.5	23.57	5.1	36.5	25.21	2.9	36.7
Professional specialty and technical	28.93	3.4	36.8	28.45	4.4	36.7	30.39	2.8	36.9
Executive, administrative, and managerial	31.32	8.3	39.6	31.73	9.0	40.3	28.26	16.8	35.2
Sales	15.99	13.0	31.2	15.99	13.0	31.2	-	-	-
Administrative support	14.36	4.5	36.1	14.39	5.6	36.0	14.24	1.1	36.9
Blue-collar occupations ⁵	16.41	3.3	37.6	16.25	3.5	37.6	18.71	2.2	37.6
Precision production, craft, and repair	20.82	3.1	40.1	20.84	3.4	40.1	20.64	3.3	39.9
Machine operators, assemblers, and inspectors	15.78	2.4	39.3	15.77	2.4	39.3	-	-	-
Transportation and material moving	17.49	4.5	39.0	17.59	5.1	40.1	16.85	1.7	32.9
Handlers, equipment cleaners, helpers, and laborers	11.72	6.3	33.1	11.42	5.9	32.8	16.90	11.1	40.0
Service occupations ⁵	11.89	5.0	32.6	9.59	6.4	30.9	19.68	3.5	40.0
Full time	20.48	1.9	39.4	19.94	2.4	39.5	23.26	1.8	39.1
Part time	10.01	5.7	21.6	9.73	6.1	21.5	13.97	8.7	22.1
Union	20.04	3.9	35.7	18.00	5.8	34.0	23.73	1.6	39.3
Nonunion	19.06	2.8	36.2	18.84	3.1	36.2	21.50	6.4	35.5
Time	19.01	2.1	36.0	18.31	2.7	35.7	22.80	1.9	37.6
Incentive	34.50	16.3	41.7	34.50	16.3	41.7	-	-	-
Establishment characteristics:⁶									
Goods producing	(⁶)	(⁶)	(⁶)	20.30	.6	40.0	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	15.62	8.7	33.5	15.51	9.0	33.3	19.01	5.4	39.6
100-499 workers	16.37	2.6	35.8	15.61	2.8	35.7	24.78	5.0	36.0
500 workers or more	23.15	4.4	37.3	23.41	5.7	37.1	22.38	1.8	38.1

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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.

² The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

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

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

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

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

⁷ 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,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$19.30	2.1	\$18.68	2.6	\$22.80	1.9
All excluding sales	19.46	2.1	18.83	2.6	22.80	1.9
White collar	23.87	4.2	23.57	5.1	25.21	2.9
White collar excluding sales	24.65	4.3	24.51	5.4	25.21	2.9
Professional specialty and technical	28.93	3.4	28.45	4.4	30.39	2.8
Professional specialty	30.11	4.1	29.61	5.3	31.48	4.0
Engineers, architects, and surveyors	31.12	6.2	32.79	5.1	—	—
Industrial engineers	34.40	4.1	34.40	4.1	—	—
Mathematical and computer scientists	36.49	1.8	36.49	1.8	—	—
Computer systems analysts and scientists	36.49	1.8	36.49	1.8	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.22	5.9	28.52	6.9	26.84	10.2
Registered nurses	25.11	1.7	25.09	2.1	25.21	1.9
Teachers, college and university	30.75	1.7	28.90	7.1	—	—
Teachers, except college and university	33.56	3.9	23.55	12.1	35.07	4.1
Elementary school teachers	33.79	2.5	—	—	34.52	3.4
Secondary school teachers	34.25	2.9	—	—	35.90	1.6
Teachers, n.e.c.	37.18	1.2	—	—	—	—
Librarians, archivists, and curators	24.89	10.5	—	—	24.89	10.5
Librarians	24.89	10.5	—	—	24.89	10.5
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.93	16.6	—	—	—	—
Technical	23.06	10.5	23.40	12.0	21.24	12.3
Licensed practical nurses	17.03	3.1	—	—	—	—
Health technologists and technicians, n.e.c.	15.09	12.9	13.98	8.4	—	—
Technical and related, n.e.c.	19.62	9.2	—	—	—	—
Executive, administrative, and managerial	31.32	8.3	31.73	9.0	28.26	16.8
Executives, administrators, and managers	38.92	7.9	40.54	7.8	31.17	14.9
Administrators and officials, public administration Administrators, education and related fields	32.87	14.9	—	—	32.87	14.9
Managers, service organizations, n.e.c.	29.14	22.5	—	—	29.26	22.9
Managers and administrators, n.e.c.	30.29	7.5	—	—	—	—
Management related	44.59	8.5	44.62	8.5	—	—
Accountants and auditors	24.03	3.4	24.26	3.1	20.69	15.7
Other financial officers	22.69	7.3	23.24	7.6	—	—
Purchasing agents and buyers, n.e.c.	24.26	9.2	24.26	9.2	—	—
Management related, n.e.c.	28.40	5.3	—	—	—	—
Management related, n.e.c.	19.38	6.8	19.23	6.9	—	—
Sales	15.99	13.0	15.99	13.0	—	—
Cashiers	8.68	4.5	8.68	4.5	—	—
Administrative support, including clerical	14.36	4.5	14.39	5.6	14.24	1.1
Secretaries	15.87	7.9	17.29	11.3	13.80	2.5
Transportation ticket and reservation agents	18.00	.9	18.00	.9	—	—
Receptionists	11.15	3.8	11.15	3.8	—	—
Library clerks	11.49	5.2	—	—	11.49	5.3
Records clerks, n.e.c.	15.68	6.0	16.71	10.3	—	—
Bookkeepers, accounting and auditing clerks	13.81	4.1	13.61	4.3	—	—
Traffic, shipping and receiving clerks	14.35	9.4	14.35	9.4	—	—
General office clerks	13.02	4.4	12.23	6.3	14.79	3.0
Administrative support, n.e.c.	14.04	8.0	14.28	8.6	—	—
Blue collar	16.41	3.3	16.25	3.5	18.71	2.2
Precision production, craft, and repair	20.82	3.1	20.84	3.4	20.64	3.3
Supervisors, mechanics and repairers	22.65	11.9	—	—	—	—
Automobile mechanics	21.93	2.1	22.09	2.4	—	—
Industrial machinery repairers	20.62	4.4	20.62	4.4	—	—
Mechanics and repairers, n.e.c.	19.36	6.4	19.36	6.6	—	—
Electricians	16.64	19.4	16.54	19.5	—	—

See footnotes at end of table.

Table 2-1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Plumbers, pipefitters and steamfitters	\$23.42	4.9	\$23.42	4.9	—	—
Supervisors, production	25.79	5.6	25.79	5.6	—	—
Tool and die makers	25.82	3.5	25.82	3.5	—	—
Machinists	20.68	5.1	20.68	5.1	—	—
Machine operators, assemblers, and inspectors						
Numerical control machine operators	15.78	2.4	15.77	2.4	—	—
Molding and casting machine operators	16.76	4.0	16.76	4.0	—	—
Miscellaneous machine operators, n.e.c.	16.81	1.8	16.81	1.8	—	—
Assemblers	12.51	9.9	12.51	9.9	—	—
Production inspectors, checkers and examiners ..	15.14	9.0	15.14	9.0	—	—
Production inspectors, checkers and examiners ..	16.72	8.3	16.59	8.4	—	—
Transportation and material moving						
Truck drivers	17.49	4.5	17.59	5.1	\$16.85	1.7
Bus drivers	16.26	8.0	16.26	9.0	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.49	2.1	—	—	16.49	2.1
Miscellaneous material moving equipment operators, n.e.c.	18.45	10.7	18.45	10.7	—	—
Handlers, equipment cleaners, helpers, and laborers						
Construction laborers	11.72	6.3	11.42	5.9	16.90	11.1
Stock handlers and baggers	18.17	20.7	—	—	—	—
Freight, stock, and material handlers, n.e.c.	9.54	6.1	9.54	6.1	—	—
Hand packers and packagers	14.38	5.3	14.38	5.3	—	—
Laborers, except construction, n.e.c.	9.32	14.1	9.32	14.1	—	—
Laborers, except construction, n.e.c.	12.46	8.1	11.74	8.0	—	—
Service						
Protective service	11.89	5.0	9.59	6.4	19.68	3.5
Supervisors, police and detectives	18.63	14.8	—	—	23.67	1.1
Firefighting	26.88	10.2	—	—	26.88	10.2
Police and detectives, public service	24.58	3.8	—	—	24.58	3.8
Police and detectives, public service	23.86	.8	—	—	23.86	.8
Food service						
Waiters, waitresses, and bartenders	7.35	10.3	7.20	10.4	13.53	6.6
Waiters and waitresses	4.06	4.0	4.06	4.0	—	—
Waiters'/Waitresses' assistants	3.18	.9	3.18	.9	—	—
Other food service	5.34	29.1	5.34	29.1	—	—
Cooks	9.32	4.7	9.15	4.8	13.53	6.6
Kitchen workers, food preparation	11.00	6.5	10.73	6.8	—	—
Food preparation, n.e.c.	8.22	10.9	8.22	10.9	—	—
Food preparation, n.e.c.	8.17	2.5	8.05	2.6	—	—
Health service						
Nursing aides, orderlies and attendants	11.24	4.8	11.19	5.0	—	—
Cleaning and building service	10.86	7.3	10.86	7.3	—	—
Janitors and cleaners	11.22	12.5	10.43	15.6	13.20	4.1
Personal service	11.21	12.8	10.45	16.0	13.12	4.0
Attendants, amusement, and recreation facilities	14.67	10.1	15.74	12.5	10.89	4.3
Early childhood teachers' assistants	8.08	20.1	8.17	23.3	—	—
Early childhood teachers' assistants	10.04	6.7	—	—	—	—

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

² All workers include full-time and part-time workers.

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

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

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,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$20.48	1.9	\$19.94	2.4	\$23.26	1.8
All excluding sales	20.54	2.0	19.99	2.5	23.26	1.8
White collar	25.07	4.1	24.91	5.1	25.74	2.8
White collar excluding sales	25.56	4.2	25.51	5.3	25.74	2.8
Professional specialty and technical	29.51	3.8	29.05	4.9	30.83	3.0
Professional specialty	30.37	4.5	29.90	5.9	31.62	3.8
Engineers, architects, and surveyors	31.32	6.2	33.10	4.8	—	—
Industrial engineers	35.38	4.4	35.38	4.4	—	—
Mathematical and computer scientists	36.49	1.8	36.49	1.8	—	—
Computer systems analysts and scientists	36.49	1.8	36.49	1.8	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.68	6.6	29.18	7.9	26.84	10.2
Registered nurses	25.32	1.5	25.36	1.8	25.21	1.9
Teachers, college and university	30.94	1.4	—	—	—	—
Teachers, except college and university	33.79	3.4	23.42	12.1	35.31	3.5
Elementary school teachers	33.84	2.6	—	—	34.52	3.4
Secondary school teachers	34.25	2.9	—	—	35.90	1.6
Teachers, n.e.c.	37.22	1.2	—	—	—	—
Librarians, archivists, and curators	24.89	10.5	—	—	24.89	10.5
Librarians	24.89	10.5	—	—	24.89	10.5
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.93	16.6	—	—	—	—
Technical	24.65	12.0	25.05	13.6	22.27	10.6
Clinical laboratory technologists and technicians	16.52	6.7	16.52	6.7	—	—
Licensed practical nurses	16.19	7.5	—	—	—	—
Health technologists and technicians, n.e.c.	15.75	11.3	14.55	6.3	—	—
Executive, administrative, and managerial	31.26	8.3	31.73	9.0	27.72	16.9
Executives, administrators, and managers	38.81	8.0	40.54	7.8	30.46	15.4
Administrators and officials, public administration	32.87	14.9	—	—	32.87	14.9
Administrators, education and related fields	29.14	22.5	—	—	29.26	22.9
Managers, service organizations, n.e.c.	30.29	7.5	—	—	—	—
Managers and administrators, n.e.c.	44.59	8.5	44.62	8.5	—	—
Management related	24.03	3.4	24.26	3.1	20.69	15.7
Accountants and auditors	22.69	7.3	23.24	7.6	—	—
Other financial officers	24.26	9.2	24.26	9.2	—	—
Purchasing agents and buyers, n.e.c.	28.40	5.3	—	—	—	—
Management related, n.e.c.	19.38	6.8	19.23	6.9	—	—
Sales	18.91	10.8	18.91	10.8	—	—
Cashiers	10.04	8.0	10.04	8.0	—	—
Administrative support, including clerical	15.04	3.7	15.16	4.5	14.54	2.0
Secretaries	16.06	7.4	17.69	10.3	13.80	2.5
Receptionists	11.34	4.7	11.34	4.7	—	—
Records clerks, n.e.c.	15.81	6.0	17.16	10.0	—	—
Bookkeepers, accounting and auditing clerks	13.73	4.1	13.51	4.3	—	—
General office clerks	13.08	4.6	12.28	6.3	15.07	2.6
Administrative support, n.e.c.	15.98	6.2	17.01	4.1	—	—
Blue collar	16.97	2.9	16.83	3.1	18.91	2.6
Precision production, craft, and repair	20.82	3.1	20.84	3.4	20.64	3.3
Supervisors, mechanics and repairers	22.65	11.9	—	—	—	—
Automobile mechanics	21.93	2.1	22.09	2.4	—	—
Industrial machinery repairers	20.62	4.4	20.62	4.4	—	—
Mechanics and repairers, n.e.c.	19.36	6.4	19.36	6.6	—	—
Electricians	16.64	19.4	16.54	19.5	—	—
Plumbers, pipefitters and steamfitters	23.42	4.9	23.42	4.9	—	—
Supervisors, production	25.79	5.6	25.79	5.6	—	—
Tool and die makers	25.82	3.5	25.82	3.5	—	—

See footnotes at end of table.

Table 2-2. Mean hourly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar –Continued						
Precision production, craft, and repair –Continued						
Machinists	\$20.68	5.1	\$20.68	5.1	–	–
Machine operators, assemblers, and inspectors						
Numerical control machine operators	15.99	1.8	15.98	1.8	–	–
Molding and casting machine operators	16.76	4.0	16.76	4.0	–	–
Miscellaneous machine operators, n.e.c.	16.81	1.8	16.81	1.8	–	–
Assemblers	13.33	9.2	13.33	9.2	–	–
Production inspectors, checkers and examiners ..	15.14	9.0	15.14	9.0	–	–
Production inspectors, checkers and examiners ..	16.72	8.3	16.59	8.4	–	–
Transportation and material moving						
Truck drivers	17.64	4.7	17.70	5.2	\$17.15	3.2
Bus drivers	16.34	8.2	16.35	9.2	–	–
Miscellaneous material moving equipment operators, n.e.c.	16.89	2.3	–	–	16.89	2.3
Production inspectors, checkers and examiners ..	18.45	10.7	18.45	10.7	–	–
Handlers, equipment cleaners, helpers, and laborers						
Construction laborers	12.54	7.4	12.21	7.0	17.08	9.2
Stock handlers and baggers	18.17	20.7	–	–	–	–
Freight, stock, and material handlers, n.e.c.	11.34	6.2	11.34	6.2	–	–
Hand packers and packagers	14.66	5.5	14.66	5.5	–	–
Laborers, except construction, n.e.c.	9.40	15.5	9.40	15.5	–	–
Production inspectors, checkers and examiners ..	12.66	10.0	11.72	10.4	–	–
Service						
Protective service	13.35	2.6	10.71	3.6	20.13	3.3
Supervisors, police and detectives	18.83	14.6	–	–	23.76	1.2
Police and detectives, public service	26.88	10.2	–	–	26.88	10.2
Food service	23.86	.8	–	–	23.86	.8
Other food service	8.46	5.4	8.29	5.6	–	–
Cooks	10.85	2.2	10.66	2.4	–	–
Food preparation, n.e.c.	11.57	2.8	11.25	2.8	–	–
Health service	9.16	4.1	9.16	4.1	–	–
Nursing aides, orderlies and attendants	11.29	4.8	11.24	5.0	–	–
Cleaning and building service	10.92	7.4	10.92	7.4	–	–
Janitors and cleaners	12.45	7.4	11.99	11.4	13.20	4.1
Personal service	12.47	7.6	12.07	11.8	13.12	4.0
Production inspectors, checkers and examiners ..	15.69	13.4	16.35	15.6	–	–

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

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

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

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

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,¹ part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$10.01	5.7	\$9.73	6.1	\$13.97	8.7
All excluding sales	10.26	6.1	9.96	6.6	13.97	8.7
White collar	13.05	9.6	12.85	10.3	15.01	17.7
White collar excluding sales	14.66	12.8	14.61	14.5	15.01	17.7
Professional specialty and technical	20.80	6.6	21.35	7.4	—	—
Professional specialty	24.88	4.4	25.40	4.1	—	—
Engineers, architects, and surveyors	—	—	—	—	—	—
Health related	25.80	6.1	25.80	6.1	—	—
Registered nurses	24.34	3.2	24.34	3.2	—	—
Teachers, college and university	23.96	16.7	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Technical	14.43	13.1	13.39	16.6	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Sales	7.97	2.2	7.97	2.2	—	—
Cashiers	7.99	2.2	7.99	2.2	—	—
Administrative support, including clerical	10.83	7.8	10.72	8.6	11.63	2.8
Library clerks	10.18	11.9	—	—	10.18	12.2
Blue collar	8.79	4.9	8.55	4.6	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	8.54	5.1	8.54	5.1	—	—
Stock handlers and baggers	7.46	5.9	7.46	5.9	—	—
Service	6.99	10.8	6.72	10.9	11.70	13.7
Protective service	12.77	18.2	—	—	—	—
Food service	5.92	12.7	5.79	12.6	—	—
Waiters, waitresses, and bartenders	2.86	6.4	2.86	6.4	—	—
Waiters and waitresses	2.77	5.3	2.77	5.3	—	—
Other food service	7.52	5.1	7.39	5.0	—	—
Kitchen workers, food preparation	6.73	9.8	6.73	9.8	—	—
Food preparation, n.e.c.	7.36	4.5	7.08	5.0	—	—
Health service	—	—	—	—	—	—
Cleaning and building service	—	—	—	—	—	—
Personal service	11.70	29.5	13.18	41.1	—	—

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

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

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

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

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,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$807	2.1	39.4	\$787	2.6	39.5	\$909	1.6	39.1
All excluding sales	808	2.1	39.4	788	2.6	39.4	909	1.6	39.1
White collar	984	4.5	39.3	987	5.5	39.6	976	3.0	37.9
White collar excluding sales	1,000	4.5	39.1	1,007	5.7	39.5	976	3.0	37.9
Professional specialty and technical	1,133	4.3	38.4	1,128	5.7	38.8	1,146	3.5	37.2
Professional specialty	1,172	5.1	38.6	1,173	7.0	39.2	1,168	4.1	36.9
Engineers, architects, and surveyors	1,287	5.9	41.1	1,367	3.9	41.3	-	-	-
Industrial engineers	1,494	6.8	42.2	1,494	6.8	42.2	-	-	-
Mathematical and computer scientists	1,466	1.7	40.2	1,466	1.7	40.2	-	-	-
Computer systems analysts and scientists	1,466	1.7	40.2	1,466	1.7	40.2	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-
Health related	1,095	6.7	38.2	1,113	8.3	38.1	1,031	6.8	38.4
Registered nurses	965	1.8	38.1	955	2.5	37.7	994	.3	39.4
Teachers, college and university	1,136	3.6	36.7	-	-	-	-	-	-
Teachers, except college and university	1,227	4.8	36.3	893	9.1	38.1	1,274	5.4	36.1
Elementary school teachers ...	1,220	3.2	36.0	-	-	-	1,237	3.9	35.8
Secondary school teachers ...	1,234	2.5	36.0	-	-	-	1,284	3.2	35.8
Teachers, n.e.c.	1,418	1.4	38.1	-	-	-	-	-	-
Librarians, archivists, and curators	971	8.8	39.0	-	-	-	971	8.8	39.0
Librarians	971	8.8	39.0	-	-	-	971	8.8	39.0
Social scientists and urban planners	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers	-	-	-	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	972	17.8	39.0	-	-	-	-	-	-
Technical	922	12.3	37.4	927	14.0	37.0	889	10.5	39.9
Clinical laboratory technologists and technicians	657	7.3	39.8	657	7.3	39.8	-	-	-
Licensed practical nurses	620	3.3	38.3	-	-	-	-	-	-
Health technologists and technicians, n.e.c.	627	11.3	39.8	579	6.1	39.8	-	-	-
Executive, administrative, and managerial	1,254	8.9	40.1	1,278	9.6	40.3	1,081	15.4	39.0
Executives, administrators, and managers	1,576	9.1	40.6	1,662	9.0	41.0	1,182	13.8	38.8
Administrators and officials, public administration	1,302	14.7	39.6	-	-	-	1,302	14.7	39.6
Administrators, education and related fields	1,123	20.2	38.6	-	-	-	1,127	20.5	38.5
Managers, service organizations, n.e.c.	1,195	6.9	39.4	-	-	-	-	-	-
Managers and administrators, n.e.c.	1,851	11.6	41.5	1,853	11.6	41.5	-	-	-
Management related	953	4.0	39.7	963	3.8	39.7	817	14.8	39.5
Accountants and auditors	896	7.6	39.5	918	8.1	39.5	-	-	-
Other financial officers	948	11.0	39.1	948	11.0	39.1	-	-	-
Purchasing agents and buyers, n.e.c.	1,136	5.3	40.0	-	-	-	-	-	-
Management related, n.e.c.	773	6.7	39.9	769	6.9	40.0	-	-	-
Sales	774	11.6	40.9	774	11.6	40.9	-	-	-

See footnotes at end of table.

Table 3-1. Mean weekly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Sales —Continued									
Cashiers	\$389	7.9	38.8	\$389	7.9	38.8	—	—	—
Administrative support, including clerical									
Secretaries	596	3.8	39.6	603	4.6	39.8	\$567	3.4	39.0
Secretaries	637	7.5	39.7	703	10.3	39.8	545	3.0	39.5
Receptionists	441	2.6	38.9	441	2.6	38.9	—	—	—
Records clerks, n.e.c.	632	6.1	39.9	686	10.0	40.0	—	—	—
Bookkeepers, accounting and auditing clerks	538	5.3	39.2	530	5.7	39.3	—	—	—
General office clerks	522	4.7	39.9	490	6.4	39.9	602	2.7	40.0
Administrative support, n.e.c.	619	7.9	38.7	667	5.3	39.2	—	—	—
Blue collar	678	2.9	39.9	674	3.1	40.1	724	2.5	38.3
Precision production, craft, and repair									
Supervisors, mechanics and repairers	834	3.1	40.1	835	3.4	40.1	823	3.3	39.9
Supervisors, mechanics and repairers	906	11.9	40.0	—	—	—	—	—	—
Automobile mechanics	888	2.1	40.5	898	2.3	40.7	—	—	—
Industrial machinery repairers	825	4.4	40.0	825	4.4	40.0	—	—	—
Mechanics and repairers, n.e.c.	774	6.4	40.0	774	6.6	40.0	—	—	—
Electricians	666	19.4	40.0	662	19.5	40.0	—	—	—
Plumbers, pipefitters and steamfitters	937	4.9	40.0	937	4.9	40.0	—	—	—
Supervisors, production	1,032	5.6	40.0	1,032	5.6	40.0	—	—	—
Tool and die makers	1,033	3.5	40.0	1,033	3.5	40.0	—	—	—
Machinists	827	5.1	40.0	827	5.1	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Numerical control machine operators	637	2.0	39.8	637	2.0	39.8	—	—	—
Numerical control machine operators	671	4.0	40.0	671	4.0	40.0	—	—	—
Molding and casting machine operators	672	1.8	40.0	672	1.8	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	527	9.4	39.6	527	9.4	39.6	—	—	—
Assemblers	605	9.0	40.0	605	9.0	40.0	—	—	—
Production inspectors, checkers and examiners ...	669	8.3	40.0	664	8.4	40.0	—	—	—
Transportation and material moving									
Truck drivers	700	4.7	39.7	717	5.1	40.5	586	9.5	34.2
Truck drivers	664	8.6	40.6	666	9.9	40.7	—	—	—
Bus drivers	529	10.9	31.3	—	—	—	529	10.9	31.3
Miscellaneous material moving equipment operators, n.e.c.	738	10.7	40.0	738	10.7	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Construction laborers	501	7.4	40.0	488	7.0	40.0	683	9.2	40.0
Construction laborers	727	20.7	40.0	—	—	—	—	—	—
Stock handlers and baggers ...	454	6.2	40.0	454	6.2	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	586	5.5	40.0	586	5.5	40.0	—	—	—
Hand packers and packagers	376	15.5	40.0	376	15.5	40.0	—	—	—
Laborers, except construction, n.e.c.	506	10.0	40.0	469	10.4	40.0	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Service	\$518	2.2	38.8	\$402	3.3	37.5	\$853	2.9	42.4
Protective service	805	16.7	42.7	—	—	—	1,063	2.9	44.7
Supervisors, police and detectives	1,089	10.9	40.5	—	—	—	1,089	10.9	40.5
Police and detectives, public service	1,002	.8	42.0	—	—	—	1,002	.8	42.0
Food service	302	3.3	35.7	296	3.4	35.7	—	—	—
Other food service	403	2.7	37.1	397	2.7	37.2	—	—	—
Cooks	432	3.6	37.4	422	3.2	37.5	—	—	—
Food preparation, n.e.c.	352	7.8	38.4	352	7.8	38.4	—	—	—
Health service	441	3.6	39.0	439	3.8	39.0	—	—	—
Nursing aides, orderlies and attendants	421	4.8	38.6	421	4.8	38.6	—	—	—
Cleaning and building service	497	7.3	39.9	479	11.4	40.0	527	4.1	39.9
Janitors and cleaners	498	7.6	39.9	482	11.8	40.0	523	4.0	39.9
Personal service	490	10.5	31.2	510	12.4	31.2	—	—	—

¹ 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.

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

³ A classification system including about 480 individual occupations is used to

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

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

⁵ 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,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$41,083	2.1	2,006	\$40,857	2.6	2,049	\$42,117	1.6	1,811
All excluding sales	41,114	2.1	2,002	40,884	2.6	2,045	42,117	1.6	1,811
White collar	49,308	4.5	1,967	51,083	5.5	2,051	43,156	3.0	1,676
White collar excluding sales	49,968	4.5	1,955	52,123	5.7	2,043	43,156	3.0	1,676
Professional specialty and technical	54,681	4.3	1,853	58,051	5.7	1,998	47,231	3.5	1,532
Professional specialty	55,814	5.1	1,838	60,221	7.0	2,014	47,298	4.1	1,496
Engineers, architects, and surveyors	66,923	5.9	2,137	71,088	3.9	2,148	-	-	-
Industrial engineers	77,706	6.8	2,196	77,706	6.8	2,196	-	-	-
Mathematical and computer scientists	76,236	1.7	2,089	76,236	1.7	2,089	-	-	-
Computer systems analysts and scientists	76,236	1.7	2,089	76,236	1.7	2,089	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-
Health related	55,793	6.7	1,946	57,859	8.3	1,983	48,793	6.8	1,818
Registered nurses	49,820	1.8	1,967	49,686	2.5	1,959	50,241	.3	1,993
Teachers, college and university Teachers, except college and university	50,669	3.6	1,638	-	-	-	-	-	-
Elementary school teachers ...	46,273	4.8	1,370	35,987	9.1	1,537	47,594	5.4	1,348
Secondary school teachers ...	45,098	3.2	1,333	-	-	-	45,778	3.9	1,326
Teachers, n.e.c.	45,751	2.5	1,336	-	-	-	47,756	3.2	1,330
Librarians, archivists, and curators	54,620	1.4	1,468	-	-	-	-	-	-
Librarians	46,944	8.8	1,886	-	-	-	46,944	8.8	1,886
Social scientists and urban planners	46,944	8.8	1,886	-	-	-	46,944	8.8	1,886
Social, recreation, and religious workers	-	-	-	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	-	-	-	-	-	-	-	-	-
Technical	50,553	17.8	2,028	-	-	-	-	-	-
Clinical laboratory technologists and technicians	47,927	12.3	1,944	48,194	14.0	1,924	46,220	10.5	2,075
Licensed practical nurses	34,154	7.3	2,068	34,154	7.3	2,068	-	-	-
Health technologists and technicians, n.e.c.	32,220	3.3	1,991	-	-	-	-	-	-
Executive, administrative, and managerial	32,590	11.3	2,070	30,101	6.1	2,069	-	-	-
Executives, administrators, and managers	64,884	8.9	2,075	66,441	9.6	2,094	53,931	15.4	1,946
Administrators and officials, public administration	81,082	9.1	2,089	86,416	9.0	2,132	58,061	13.8	1,906
Administrators, education and related fields	67,722	14.7	2,060	-	-	-	67,722	14.7	2,060
Managers, service organizations, n.e.c.	53,185	20.2	1,825	-	-	-	53,278	20.5	1,821
Managers and administrators, n.e.c.	61,929	6.9	2,044	-	-	-	-	-	-
Management related	96,264	11.6	2,159	96,344	11.6	2,159	-	-	-
Accountants and auditors	49,568	4.0	2,062	50,053	3.8	2,063	42,505	14.8	2,054
Other financial officers	46,587	7.6	2,054	47,753	8.1	2,054	-	-	-
Purchasing agents and buyers, n.e.c.	49,320	11.0	2,033	49,320	11.0	2,033	-	-	-
Management related, n.e.c.	59,077	5.3	2,080	-	-	-	-	-	-
Sales	40,209	6.7	2,075	39,999	6.9	2,080	-	-	-
	40,237	11.6	2,128	40,237	11.6	2,128	-	-	-

See footnotes at end of table.

Table 3-2. Mean annual earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Sales —Continued									
Cashiers	\$20,238	7.9	2,016	\$20,238	7.9	2,016	—	—	—
Administrative support, including clerical									
Secretaries	30,625	3.8	2,036	31,337	4.6	2,067	\$27,914	3.4	1,919
Secretaries	33,032	7.5	2,057	36,574	10.3	2,067	28,209	3.0	2,044
Receptionists	22,946	2.6	2,023	22,946	2.6	2,023	—	—	—
Records clerks, n.e.c.	32,684	6.1	2,067	35,683	10.0	2,080	—	—	—
Bookkeepers, accounting and auditing clerks	27,991	5.3	2,039	27,582	5.7	2,042	—	—	—
General office clerks	26,724	4.7	2,043	25,481	6.4	2,075	29,653	2.7	1,967
Administrative support, n.e.c.	32,190	7.9	2,015	34,667	5.3	2,039	—	—	—
Blue collar	35,139	2.9	2,070	35,052	3.1	2,083	36,220	2.5	1,915
Precision production, craft, and repair									
Supervisors, mechanics and repairers	43,362	3.1	2,083	43,441	3.4	2,085	42,713	3.3	2,069
Supervisors, mechanics and repairers	47,119	11.9	2,080	—	—	—	—	—	—
Automobile mechanics	46,199	2.1	2,107	46,694	2.3	2,114	—	—	—
Industrial machinery repairers	42,888	4.4	2,080	42,888	4.4	2,080	—	—	—
Mechanics and repairers, n.e.c.	40,263	6.4	2,080	40,265	6.6	2,080	—	—	—
Electricians	34,618	19.4	2,080	34,398	19.5	2,080	—	—	—
Plumbers, pipefitters and steamfitters	48,719	4.9	2,080	48,719	4.9	2,080	—	—	—
Supervisors, production	53,649	5.6	2,080	53,649	5.6	2,080	—	—	—
Tool and die makers	53,708	3.5	2,080	53,708	3.5	2,080	—	—	—
Machinists	43,022	5.1	2,080	43,022	5.1	2,080	—	—	—
Machine operators, assemblers, and inspectors									
Numerical control machine operators	33,114	2.0	2,071	33,100	2.0	2,071	—	—	—
Numerical control machine operators	34,869	4.0	2,080	34,869	4.0	2,080	—	—	—
Molding and casting machine operators	34,964	1.8	2,080	34,964	1.8	2,080	—	—	—
Miscellaneous machine operators, n.e.c.	27,420	9.4	2,058	27,420	9.4	2,058	—	—	—
Assemblers	31,482	9.0	2,080	31,482	9.0	2,080	—	—	—
Production inspectors, checkers and examiners ...	34,780	8.3	2,080	34,515	8.4	2,080	—	—	—
Transportation and material moving									
Truck drivers	35,796	4.7	2,030	37,309	5.1	2,108	26,986	9.5	1,574
Truck drivers	34,541	8.6	2,113	34,636	9.9	2,118	—	—	—
Bus drivers	23,003	10.9	1,362	—	—	—	23,003	10.9	1,362
Miscellaneous material moving equipment operators, n.e.c.	38,377	10.7	2,080	38,377	10.7	2,080	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Construction laborers	26,077	7.4	2,080	25,392	7.0	2,080	35,536	9.2	2,080
Construction laborers	37,789	20.7	2,080	—	—	—	—	—	—
Stock handlers and baggers ...	23,591	6.2	2,080	23,591	6.2	2,080	—	—	—
Freight, stock, and material handlers, n.e.c.	30,486	5.5	2,080	30,486	5.5	2,080	—	—	—
Hand packers and packagers	19,559	15.5	2,080	19,559	15.5	2,080	—	—	—
Laborers, except construction, n.e.c.	26,329	10.0	2,080	24,385	10.4	2,080	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Service	\$26,660	2.2	1,997	\$20,894	3.3	1,950	\$42,814	2.9	2,127
Protective service	41,437	16.7	2,201	—	—	—	54,324	2.9	2,286
Supervisors, police and detectives	56,603	10.9	2,106	—	—	—	56,603	10.9	2,106
Police and detectives, public service	52,089	.8	2,183	—	—	—	52,089	.8	2,183
Food service	15,583	3.3	1,842	15,397	3.4	1,857	—	—	—
Other food service	20,692	2.7	1,906	20,647	2.7	1,937	—	—	—
Cooks	22,077	3.6	1,909	21,927	3.2	1,949	—	—	—
Food preparation, n.e.c.	18,286	7.8	1,996	18,286	7.8	1,996	—	—	—
Health service	22,917	3.6	2,030	22,804	3.8	2,029	—	—	—
Nursing aides, orderlies and attendants	21,897	4.8	2,005	21,897	4.8	2,005	—	—	—
Cleaning and building service	25,865	7.3	2,077	24,925	11.4	2,079	27,379	4.1	2,074
Janitors and cleaners	25,900	7.6	2,077	25,083	11.8	2,079	27,215	4.0	2,074
Personal service	23,633	10.5	1,507	26,147	12.4	1,599	—	—	—

¹ 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.

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

³ A classification system including about 480 individual occupations is used to

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

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

⁵ 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 occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$19.30	2.1	\$18.68	2.6	\$22.80	1.9
All excluding sales	19.46	2.1	18.83	2.6	22.80	1.9
White collar	23.87	4.2	23.57	5.1	25.21	2.9
2	9.23	5.0	9.01	4.8	—	—
3	11.95	4.1	11.80	4.3	13.31	3.3
4	14.39	5.3	14.41	5.6	14.05	5.9
5	16.21	4.5	16.33	5.2	15.59	3.0
6	17.36	5.4	18.10	6.3	14.74	3.3
7	19.26	3.6	19.73	4.9	18.36	8.7
8	21.63	1.9	21.19	2.0	25.22	4.7
9	30.30	3.5	28.89	5.4	33.06	4.6
10	35.21	8.1	35.21	8.7	—	—
11	37.97	2.9	38.10	3.1	36.58	3.7
12	49.18	7.3	49.66	7.5	—	—
Not able to be leveled	25.75	8.7	—	—	—	—
White collar excluding sales	24.65	4.3	24.51	5.4	25.21	2.9
2	10.45	3.8	9.98	1.7	—	—
3	12.42	4.4	12.30	4.8	13.31	3.3
4	13.42	3.6	13.36	4.0	14.05	5.9
5	16.13	5.0	16.24	5.8	15.59	3.0
6	17.77	5.4	18.74	6.2	14.74	3.3
7	19.21	3.8	19.69	5.3	18.36	8.7
8	21.65	2.0	21.19	2.1	25.22	4.7
9	30.02	3.6	28.42	5.5	33.06	4.6
10	35.21	8.1	35.21	8.7	—	—
11	38.69	2.9	38.91	3.1	36.58	3.7
12	49.18	7.3	49.66	7.5	—	—
Not able to be leveled	25.75	8.7	—	—	—	—
Professional specialty and technical	28.93	3.4	28.45	4.4	30.39	2.8
Professional specialty	30.11	4.1	29.61	5.3	31.48	4.0
5	15.51	5.8	—	—	—	—
8	22.22	3.6	21.59	3.6	27.12	11.6
9	29.71	1.9	27.08	2.4	33.32	5.0
10	36.64	14.6	36.64	14.6	—	—
11	36.24	2.0	36.50	2.0	—	—
12	45.27	4.3	45.27	4.3	—	—
Not able to be leveled	35.98	25.1	37.61	25.5	—	—
Engineers, architects, and surveyors	31.12	6.2	32.79	5.1	—	—
9	26.58	7.4	28.79	6.3	—	—
11	37.33	1.3	37.33	1.3	—	—
Industrial engineers	34.40	4.1	34.40	4.1	—	—
Mathematical and computer scientists	36.49	1.8	36.49	1.8	—	—
Computer systems analysts and scientists	36.49	1.8	36.49	1.8	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.22	5.9	28.52	6.9	26.84	10.2
8	22.94	1.8	22.90	2.0	—	—
9	26.21	3.2	25.45	2.1	—	—
Registered nurses	25.11	1.7	25.09	2.1	25.21	1.9
8	22.94	1.8	22.90	2.0	—	—
9	25.02	1.7	24.85	1.9	—	—
Teachers, college and university	30.75	1.7	28.90	7.1	—	—
Teachers, except college and university	33.56	3.9	23.55	12.1	35.07	4.1
9	34.58	2.8	25.77	13.9	35.46	3.0
Elementary school teachers	33.79	2.5	—	—	34.52	3.4
9	34.10	1.9	—	—	34.89	2.7
Secondary school teachers	34.25	2.9	—	—	35.90	1.6
9	34.25	2.9	—	—	35.90	1.6
Teachers, n.e.c.	37.18	1.2	—	—	—	—
Librarians, archivists, and curators	24.89	10.5	—	—	24.89	10.5
Librarians	24.89	10.5	—	—	24.89	10.5
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar –Continued						
Professional specialty and technical –Continued						
Professional specialty –Continued						
Writers, authors, entertainers, athletes, and professionals, n.e.c.						
	\$24.93	16.6	–	–	–	–
Technical	23.06	10.5	\$23.40	12.0	\$21.24	12.3
4	12.33	9.7	12.33	9.7	–	–
5	15.60	4.1	15.53	4.3	–	–
6	18.42	8.2	18.52	8.5	–	–
7	19.29	6.2	20.56	12.2	–	–
Licensed practical nurses	17.03	3.1	–	–	–	–
Health technologists and technicians, n.e.c.	15.09	12.9	13.98	8.4	–	–
Technical and related, n.e.c.	19.62	9.2	–	–	–	–
Executive, administrative, and managerial	31.32	8.3	31.73	9.0	28.26	16.8
7	16.92	8.2	–	–	–	–
8	20.87	3.2	20.88	3.3	–	–
9	26.66	3.9	26.63	4.1	27.03	6.0
10	29.90	7.4	–	–	–	–
11	41.86	3.7	42.48	3.7	38.69	3.4
12	52.37	9.5	53.57	9.7	–	–
Executives, administrators, and managers	38.92	7.9	40.54	7.8	31.17	14.9
9	29.36	6.2	29.69	7.4	–	–
11	43.30	3.4	44.27	3.0	38.92	4.2
12	52.37	9.5	53.57	9.7	–	–
Administrators and officials, public administration	32.87	14.9	–	–	32.87	14.9
Administrators, education and related fields	29.14	22.5	–	–	29.26	22.9
Managers, service organizations, n.e.c.	30.29	7.5	–	–	–	–
Managers and administrators, n.e.c.	44.59	8.5	44.62	8.5	–	–
9	30.65	9.3	30.65	9.3	–	–
12	53.90	9.9	53.90	9.9	–	–
Management related	24.03	3.4	24.26	3.1	20.69	15.7
8	20.06	4.7	20.06	4.8	–	–
9	24.70	3.3	24.70	3.4	–	–
Accountants and auditors	22.69	7.3	23.24	7.6	–	–
Other financial officers	24.26	9.2	24.26	9.2	–	–
Purchasing agents and buyers, n.e.c.	28.40	5.3	–	–	–	–
Management related, n.e.c.	19.38	6.8	19.23	6.9	–	–
Sales	15.99	13.0	15.99	13.0	–	–
2	8.70	5.6	8.70	5.6	–	–
3	8.74	3.5	8.74	3.5	–	–
4	17.88	15.1	17.88	15.1	–	–
Cashiers	8.68	4.5	8.68	4.5	–	–
2	8.70	5.6	8.70	5.6	–	–
3	9.11	3.4	9.11	3.4	–	–
Administrative support, including clerical	14.36	4.5	14.39	5.6	14.24	1.1
2	10.45	3.8	9.98	1.7	–	–
3	12.48	4.6	12.36	5.1	13.31	3.3
4	13.60	2.9	13.55	3.1	14.05	5.9
5	16.18	7.5	16.28	9.1	15.74	4.3
6	17.24	6.3	18.55	7.7	–	–
7	18.57	5.7	21.60	7.2	–	–
Not able to be leveled	16.55	13.5	16.55	13.5	–	–
Secretaries	15.87	7.9	17.29	11.3	13.80	2.5
4	14.08	4.5	–	–	–	–
5	16.17	6.8	–	–	16.60	11.5
Transportation ticket and reservation agents	18.00	.9	18.00	.9	–	–
Receptionists	11.15	3.8	11.15	3.8	–	–
Library clerks	11.49	5.2	–	–	11.49	5.3
Records clerks, n.e.c.	15.68	6.0	16.71	10.3	–	–
Bookkeepers, accounting and auditing clerks	13.81	4.1	13.61	4.3	–	–
4	13.77	7.8	–	–	–	–

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar –Continued						
Administrative support, including clerical –Continued						
Traffic, shipping and receiving clerks	\$14.35	9.4	\$14.35	9.4	–	–
General office clerks	13.02	4.4	12.23	6.3	\$14.79	3.0
3	12.10	4.4	11.85	5.1	–	–
5	14.99	1.5	–	–	–	–
Administrative support, n.e.c.	14.04	8.0	14.28	8.6	–	–
Blue collar	16.41	3.3	16.25	3.5	18.71	2.2
1	9.07	6.3	9.03	6.3	–	–
2	11.68	6.4	11.58	6.5	–	–
3	14.57	2.1	14.43	2.2	–	–
4	17.02	3.0	17.05	3.1	–	–
5	15.91	4.2	15.88	4.6	–	–
6	18.35	2.5	18.30	2.9	–	–
7	20.96	2.7	21.05	3.1	20.21	4.5
8	26.23	3.7	26.65	3.7	–	–
9	27.29	2.3	27.27	2.4	–	–
Precision production, craft, and repair	20.82	3.1	20.84	3.4	20.64	3.3
5	15.68	13.7	15.56	14.6	–	–
6	18.88	4.1	18.76	4.2	–	–
7	20.91	2.0	21.08	2.3	20.01	4.6
8	26.07	4.1	26.53	4.1	–	–
9	27.62	1.9	27.62	1.9	–	–
Supervisors, mechanics and repairers	22.65	11.9	–	–	–	–
Automobile mechanics	21.93	2.1	22.09	2.4	–	–
Industrial machinery repairers	20.62	4.4	20.62	4.4	–	–
Mechanics and repairers, n.e.c.	19.36	6.4	19.36	6.6	–	–
Electricians	16.64	19.4	16.54	19.5	–	–
7	20.77	6.7	20.68	7.0	–	–
Plumbers, pipefitters and steamfitters	23.42	4.9	23.42	4.9	–	–
7	23.08	6.3	23.08	6.3	–	–
Supervisors, production	25.79	5.6	25.79	5.6	–	–
Tool and die makers	25.82	3.5	25.82	3.5	–	–
Machinists	20.68	5.1	20.68	5.1	–	–
Machine operators, assemblers, and inspectors	15.78	2.4	15.77	2.4	–	–
2	11.89	4.6	11.89	4.6	–	–
3	15.34	3.7	15.34	3.7	–	–
4	16.97	1.2	16.97	1.2	–	–
5	15.27	6.1	15.27	6.1	–	–
6	16.80	5.8	16.74	5.9	–	–
Numerical control machine operators	16.76	4.0	16.76	4.0	–	–
Molding and casting machine operators	16.81	1.8	16.81	1.8	–	–
Miscellaneous machine operators, n.e.c.	12.51	9.9	12.51	9.9	–	–
Assemblers	15.14	9.0	15.14	9.0	–	–
3	17.51	6.4	17.51	6.4	–	–
Production inspectors, checkers and examiners ..	16.72	8.3	16.59	8.4	–	–
Transportation and material moving	17.49	4.5	17.59	5.1	16.85	1.7
1	8.71	3.7	–	–	–	–
3	15.42	2.4	–	–	–	–
4	17.91	6.6	17.97	7.0	–	–
5	14.39	3.9	14.39	3.9	–	–
6	18.69	3.7	19.37	3.8	–	–
7	23.77	5.0	23.75	5.3	–	–
Truck drivers	16.26	8.0	16.26	9.0	–	–
Bus drivers	16.49	2.1	–	–	16.49	2.1
Miscellaneous material moving equipment operators, n.e.c.	18.45	10.7	18.45	10.7	–	–
Handlers, equipment cleaners, helpers, and laborers	11.72	6.3	11.42	5.9	16.90	11.1
1	8.88	7.8	8.83	7.8	–	–

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Handlers, equipment cleaners, helpers, and laborers						
—Continued						
2	\$11.44	8.0	\$11.46	8.0	—	—
3	13.31	3.1	13.31	3.1	—	—
5	18.61	12.2	—	—	—	—
Construction laborers	18.17	20.7	—	—	—	—
Stock handlers and baggers	9.54	6.1	9.54	6.1	—	—
1	7.81	4.8	7.81	4.8	—	—
2	10.55	6.9	10.55	6.9	—	—
3	15.21	6.0	15.21	6.0	—	—
Freight, stock, and material handlers, n.e.c.	14.38	5.3	14.38	5.3	—	—
1	12.21	11.9	12.21	11.9	—	—
Hand packers and packagers	9.32	14.1	9.32	14.1	—	—
1	8.27	12.5	8.27	12.5	—	—
Laborers, except construction, n.e.c.	12.46	8.1	11.74	8.0	—	—
Service	11.89	5.0	9.59	6.4	\$19.68	3.5
1	7.73	9.8	7.62	10.0	—	—
2	9.47	5.9	9.38	6.3	10.98	4.7
3	9.76	4.0	8.90	6.6	13.30	7.0
4	12.70	5.2	—	—	13.28	10.4
5	15.30	6.2	14.68	9.1	16.28	4.1
7	26.45	3.2	31.66	13.2	24.10	1.7
8	24.84	.9	—	—	24.84	.9
9	25.17	.6	—	—	25.17	.6
Protective service	18.63	14.8	—	—	23.67	1.1
5	15.63	6.6	—	—	16.65	5.2
7	23.68	1.9	—	—	24.12	1.7
8	24.84	.9	—	—	24.84	.9
9	25.17	.6	—	—	25.17	.6
Supervisors, police and detectives	26.88	10.2	—	—	26.88	10.2
Firefighting	24.58	3.8	—	—	24.58	3.8
Police and detectives, public service	23.86	.8	—	—	23.86	.8
8	24.84	.9	—	—	24.84	.9
Food service	7.35	10.3	7.20	10.4	13.53	6.6
1	6.35	13.9	6.30	13.8	—	—
2	6.49	24.4	6.36	26.2	—	—
3	7.80	6.3	7.66	6.9	—	—
Waiters, waitresses, and bartenders	4.06	4.0	4.06	4.0	—	—
1	3.44	5.5	3.44	5.5	—	—
Waiters and waitresses	3.18	.9	3.18	.9	—	—
Waiters'/Waitresses' assistants	5.34	29.1	5.34	29.1	—	—
Other food service	9.32	4.7	9.15	4.8	13.53	6.6
1	7.80	6.8	7.74	6.8	—	—
2	8.71	5.1	8.61	6.1	—	—
3	10.44	3.1	10.27	3.6	—	—
Cooks	11.00	6.5	10.73	6.8	—	—
Kitchen workers, food preparation	8.22	10.9	8.22	10.9	—	—
Food preparation, n.e.c.	8.17	2.5	8.05	2.6	—	—
1	8.25	5.0	8.25	5.0	—	—
Health service	11.24	4.8	11.19	5.0	—	—
Nursing aides, orderlies and attendants	10.86	7.3	10.86	7.3	—	—
Cleaning and building service	11.22	12.5	10.43	15.6	13.20	4.1
1	8.27	6.8	—	—	—	—
2	11.16	3.6	11.05	3.5	—	—
3	13.08	4.3	—	—	13.08	4.3
Janitors and cleaners	11.21	12.8	10.45	16.0	13.12	4.0
1	8.24	6.8	—	—	—	—
2	11.19	3.7	11.05	3.5	—	—
3	13.08	4.3	—	—	13.08	4.3
Personal service	14.67	10.1	15.74	12.5	10.89	4.3
1	7.22	6.0	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service —Continued						
Personal service—Continued						
2	\$8.75	12.0	\$8.73	13.4	—	—
Attendants, amusement, and recreation facilities	8.08	20.1	8.17	23.3	—	—
2	8.40	20.2	—	—	—	—
Early childhood teachers' assistants	10.04	6.7	—	—	—	—

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

² 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.

³ All workers include full-time and part-time workers.

⁴ 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.

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

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 occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$20.48	1.9	\$19.94	2.4	\$23.26	1.8
All excluding sales	20.54	2.0	19.99	2.5	23.26	1.8
White collar	25.07	4.1	24.91	5.1	25.74	2.8
2	10.35	6.1	10.03	6.5	—	—
3	12.36	4.9	12.24	5.2	13.44	3.5
4	14.50	5.1	14.52	5.4	14.25	6.4
5	16.31	4.8	16.41	5.6	15.83	3.3
6	17.38	5.5	18.14	6.4	14.74	3.3
7	19.20	3.3	19.59	4.1	18.41	9.1
8	21.56	2.2	21.06	2.3	25.22	4.7
9	30.46	3.6	29.06	5.6	33.06	4.6
10	35.21	8.1	35.21	8.7	—	—
11	37.97	2.9	38.10	3.1	36.58	3.7
12	49.18	7.3	49.66	7.5	—	—
White collar excluding sales	25.56	4.2	25.51	5.3	25.74	2.8
2	10.60	4.4	—	—	—	—
3	12.57	5.0	12.46	5.5	13.44	3.5
4	13.48	2.9	13.41	3.2	14.25	6.4
5	16.24	5.4	16.33	6.4	15.83	3.3
6	17.80	5.5	18.81	6.3	14.74	3.3
7	19.14	3.5	—	—	18.41	9.1
8	21.58	2.2	21.06	2.4	25.22	4.7
9	30.17	3.7	28.57	5.7	33.06	4.6
10	35.21	8.1	35.21	8.7	—	—
11	38.69	2.9	38.91	3.1	36.58	3.7
12	49.18	7.3	49.66	7.5	—	—
Professional specialty and technical	29.51	3.8	29.05	4.9	30.83	3.0
Professional specialty	30.37	4.5	29.90	5.9	31.62	3.8
8	22.21	5.0	21.33	5.0	27.12	11.6
9	29.89	2.0	27.20	2.6	33.32	5.0
10	36.64	14.6	36.64	14.6	—	—
11	36.24	2.0	36.50	2.0	—	—
12	45.27	4.3	45.27	4.3	—	—
Not able to be leveled	34.49	26.8	—	—	—	—
Engineers, architects, and surveyors	31.32	6.2	33.10	4.8	—	—
9	26.58	7.4	28.79	6.3	—	—
11	37.33	1.3	37.33	1.3	—	—
Industrial engineers	35.38	4.4	35.38	4.4	—	—
Mathematical and computer scientists	36.49	1.8	36.49	1.8	—	—
Computer systems analysts and scientists	36.49	1.8	36.49	1.8	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.68	6.6	29.18	7.9	26.84	10.2
9	26.23	3.8	25.32	2.6	—	—
Registered nurses	25.32	1.5	25.36	1.8	25.21	1.9
9	24.75	2.4	24.51	2.8	—	—
Teachers, college and university	30.94	1.4	—	—	—	—
Teachers, except college and university	33.79	3.4	23.42	12.1	35.31	3.5
9	34.61	2.9	—	—	35.46	3.0
Elementary school teachers	33.84	2.6	—	—	34.52	3.4
9	34.15	2.0	—	—	34.89	2.7
Secondary school teachers	34.25	2.9	—	—	35.90	1.6
9	34.25	2.9	—	—	35.90	1.6
Teachers, n.e.c.	37.22	1.2	—	—	—	—
Librarians, archivists, and curators	24.89	10.5	—	—	24.89	10.5
Librarians	24.89	10.5	—	—	24.89	10.5
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	24.93	16.6	—	—	—	—
4	24.65	12.0	25.05	13.6	22.27	10.6
5	12.76	7.5	12.76	7.5	—	—
5	15.17	4.2	15.07	4.3	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Technical —Continued						
6	\$18.75	8.4	\$18.88	8.7	—	—
7	19.80	7.4	20.65	13.0	—	—
Clinical laboratory technologists and technicians	16.52	6.7	16.52	6.7	—	—
Licensed practical nurses	16.19	7.5	—	—	—	—
Health technologists and technicians, n.e.c.	15.75	11.3	14.55	6.3	—	—
Executive, administrative, and managerial						
7	31.26	8.3	31.73	9.0	\$27.72	16.9
8	16.92	8.2	—	—	—	—
9	20.87	3.2	20.88	3.3	—	—
10	26.66	3.9	26.63	4.1	27.03	6.0
11	29.90	7.4	—	—	—	—
12	41.86	3.7	42.48	3.7	38.69	3.4
Executives, administrators, and managers	52.37	9.5	53.57	9.7	—	—
9	38.81	8.0	40.54	7.8	30.46	15.4
11	29.36	6.2	29.69	7.4	—	—
12	43.30	3.4	44.27	3.0	38.92	4.2
Administrators and officials, public administration	52.37	9.5	53.57	9.7	—	—
Administrators, education and related fields	32.87	14.9	—	—	32.87	14.9
Managers, service organizations, n.e.c.	29.14	22.5	—	—	29.26	22.9
Managers and administrators, n.e.c.	30.29	7.5	—	—	—	—
9	44.59	8.5	44.62	8.5	—	—
12	30.65	9.3	30.65	9.3	—	—
Management related	53.90	9.9	53.90	9.9	—	—
8	24.03	3.4	24.26	3.1	20.69	15.7
9	20.06	4.7	20.06	4.8	—	—
Accountants and auditors	24.70	3.3	24.70	3.4	—	—
Other financial officers	22.69	7.3	23.24	7.6	—	—
Purchasing agents and buyers, n.e.c.	24.26	9.2	24.26	9.2	—	—
Management related, n.e.c.	28.40	5.3	—	—	—	—
Sales	19.38	6.8	19.23	6.9	—	—
4	18.91	10.8	18.91	10.8	—	—
Cashiers	17.88	15.1	17.88	15.1	—	—
10.04	8.0	10.04	8.0	—	—	
Administrative support, including clerical						
2	15.04	3.7	15.16	4.5	14.54	2.0
3	10.60	4.4	—	—	—	—
4	12.63	5.3	12.53	5.9	13.44	3.5
5	13.59	2.7	13.52	2.9	14.25	6.4
6	16.32	7.8	16.45	9.5	15.77	4.3
7	17.24	6.3	18.55	7.7	—	—
Secretaries	18.57	5.7	21.60	7.2	—	—
4	16.06	7.4	17.69	10.3	13.80	2.5
5	14.08	4.5	—	—	—	—
Receptionists	16.26	7.2	—	—	16.60	11.5
Records clerks, n.e.c.	11.34	4.7	11.34	4.7	—	—
Bookkeepers, accounting and auditing clerks	15.81	6.0	17.16	10.0	—	—
General office clerks	13.73	4.1	13.51	4.3	—	—
3	13.08	4.6	12.28	6.3	15.07	2.6
5	12.12	4.7	—	—	—	—
Administrative support, n.e.c.	14.99	1.5	—	—	—	—
15.98	6.2	17.01	4.1	—	—	
Blue collar						
1	16.97	2.9	16.83	3.1	18.91	2.6
2	9.43	8.0	9.38	8.0	—	—
3	11.95	7.0	11.97	7.0	—	—
4	14.64	2.2	14.49	2.2	—	—
5	17.03	3.0	17.06	3.0	—	—
6	15.91	4.2	15.88	4.6	—	—
18.35	2.5	18.30	2.9	—	—	

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
7	\$20.96	2.7	\$21.05	3.1	\$20.21	4.5
8	26.23	3.7	26.65	3.7	—	—
9	27.29	2.3	27.27	2.4	—	—
Precision production, craft, and repair	20.82	3.1	20.84	3.4	20.64	3.3
5	15.68	13.7	15.56	14.6	—	—
6	18.88	4.1	18.76	4.2	—	—
7	20.91	2.0	21.08	2.3	20.01	4.6
8	26.07	4.1	26.53	4.1	—	—
9	27.62	1.9	27.62	1.9	—	—
Supervisors, mechanics and repairers	22.65	11.9	—	—	—	—
Automobile mechanics	21.93	2.1	22.09	2.4	—	—
Industrial machinery repairers	20.62	4.4	20.62	4.4	—	—
Mechanics and repairers, n.e.c.	19.36	6.4	19.36	6.6	—	—
Electricians	16.64	19.4	16.54	19.5	—	—
7	20.77	6.7	20.68	7.0	—	—
Plumbers, pipefitters and steamfitters	23.42	4.9	23.42	4.9	—	—
7	23.08	6.3	23.08	6.3	—	—
Supervisors, production	25.79	5.6	25.79	5.6	—	—
Tool and die makers	25.82	3.5	25.82	3.5	—	—
Machinists	20.68	5.1	20.68	5.1	—	—
Machine operators, assemblers, and inspectors	15.99	1.8	15.98	1.8	—	—
2	11.89	4.6	11.89	4.6	—	—
3	15.34	3.7	15.34	3.7	—	—
4	16.97	1.2	16.97	1.2	—	—
5	15.27	6.1	15.27	6.1	—	—
6	16.80	5.8	16.74	5.9	—	—
Numerical control machine operators	16.76	4.0	16.76	4.0	—	—
Molding and casting machine operators	16.81	1.8	16.81	1.8	—	—
Miscellaneous machine operators, n.e.c.	13.33	9.2	13.33	9.2	—	—
Assemblers	15.14	9.0	15.14	9.0	—	—
3	17.51	6.4	17.51	6.4	—	—
Production inspectors, checkers and examiners ..	16.72	8.3	16.59	8.4	—	—
Transportation and material moving	17.64	4.7	17.70	5.2	17.15	3.2
3	15.49	2.4	—	—	—	—
4	17.91	6.6	17.97	7.0	—	—
5	14.39	3.9	14.39	3.9	—	—
6	18.69	3.7	19.37	3.8	—	—
7	23.77	5.0	23.75	5.3	—	—
Truck drivers	16.34	8.2	16.35	9.2	—	—
Bus drivers	16.89	2.3	—	—	16.89	2.3
Miscellaneous material moving equipment operators, n.e.c.	18.45	10.7	18.45	10.7	—	—
Handlers, equipment cleaners, helpers, and laborers	12.54	7.4	12.21	7.0	17.08	9.2
1	9.26	10.5	9.20	10.6	—	—
2	12.09	8.8	12.12	8.9	—	—
3	13.44	2.9	13.44	2.9	—	—
5	18.66	12.3	—	—	—	—
Construction laborers	18.17	20.7	—	—	—	—
Stock handlers and baggers	11.34	6.2	11.34	6.2	—	—
3	15.21	6.0	15.21	6.0	—	—
Freight, stock, and material handlers, n.e.c.	14.66	5.5	14.66	5.5	—	—
Hand packers and packagers	9.40	15.5	9.40	15.5	—	—
1	8.27	12.5	8.27	12.5	—	—
Laborers, except construction, n.e.c.	12.66	10.0	11.72	10.4	—	—
Service	13.35	2.6	10.71	3.6	20.13	3.3
1	9.08	6.4	8.92	7.2	—	—
2	10.49	5.7	10.43	6.0	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
3	\$9.72	4.5	\$8.85	6.9	\$13.55	6.2
4	12.75	5.5	—	—	13.42	11.1
5	15.10	5.9	14.68	9.1	15.84	1.5
7	25.92	2.3	—	—	24.10	1.7
8	24.84	.9	—	—	24.84	.9
9	25.17	.6	—	—	25.17	.6
Protective service	18.83	14.6	—	—	23.76	1.2
5	15.09	4.8	—	—	—	—
7	23.68	1.9	—	—	24.12	1.7
8	24.84	.9	—	—	24.84	.9
9	25.17	.6	—	—	25.17	.6
Supervisors, police and detectives	26.88	10.2	—	—	26.88	10.2
Police and detectives, public service	23.86	.8	—	—	23.86	.8
8	24.84	.9	—	—	24.84	.9
Food service	8.46	5.4	8.29	5.6	—	—
1	7.97	15.8	7.86	16.1	—	—
3	7.64	6.0	7.54	6.2	—	—
Other food service	10.85	2.2	10.66	2.4	—	—
1	9.29	3.3	9.19	3.4	—	—
3	10.53	4.3	10.38	4.6	—	—
Cooks	11.57	2.8	11.25	2.8	—	—
Food preparation, n.e.c.	9.16	4.1	9.16	4.1	—	—
1	9.03	4.3	9.03	4.3	—	—
Health service	11.29	4.8	11.24	5.0	—	—
Nursing aides, orderlies and attendants	10.92	7.4	10.92	7.4	—	—
Cleaning and building service	12.45	7.4	11.99	11.4	13.20	4.1
1	9.51	7.5	—	—	—	—
2	11.16	3.6	11.05	3.5	—	—
3	13.08	4.3	—	—	13.08	4.3
Janitors and cleaners	12.47	7.6	12.07	11.8	13.12	4.0
1	9.54	8.5	—	—	—	—
2	11.19	3.7	11.05	3.5	—	—
3	13.08	4.3	—	—	13.08	4.3
Personal service	15.69	13.4	16.35	15.6	—	—
2	8.98	16.0	8.89	16.6	—	—

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

² 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.

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

⁴ 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.

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

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 occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$10.01	5.7	\$9.73	6.1	\$13.97	8.7
All excluding sales	10.26	6.1	9.96	6.6	13.97	8.7
White collar	13.05	9.6	12.85	10.3	15.01	17.7
2	8.38	2.8	8.38	2.8	—	—
3	9.77	4.5	9.44	4.9	—	—
4	12.63	17.4	12.74	18.9	—	—
5	15.12	7.5	15.54	6.3	—	—
9	25.67	1.7	25.63	1.7	—	—
Not able to be leveled	20.56	40.2	—	—	—	—
White collar excluding sales	14.66	12.8	14.61	14.5	15.01	17.7
3	11.20	3.5	10.91	2.7	—	—
4	12.63	17.4	12.74	18.9	—	—
5	15.12	7.5	15.54	6.3	—	—
9	25.67	1.7	25.63	1.7	—	—
Not able to be leveled	20.56	40.2	—	—	—	—
Professional specialty and technical	20.80	6.6	21.35	7.4	—	—
Professional specialty	24.88	4.4	25.40	4.1	—	—
9	25.67	1.7	25.63	1.7	—	—
Engineers, architects, and surveyors	—	—	—	—	—	—
Health related	25.80	6.1	25.80	6.1	—	—
9	26.09	.8	26.09	.8	—	—
Registered nurses	24.34	3.2	24.34	3.2	—	—
9	26.09	.8	26.09	.8	—	—
Teachers, college and university	23.96	16.7	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Technical	14.43	13.1	13.39	16.6	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Sales	7.97	2.2	7.97	2.2	—	—
2	8.19	2.5	8.19	2.5	—	—
3	7.60	3.8	7.60	3.8	—	—
Cashiers	7.99	2.2	7.99	2.2	—	—
2	8.19	2.5	8.19	2.5	—	—
Administrative support, including clerical	10.83	7.8	10.72	8.6	11.63	2.8
3	11.22	3.7	10.90	2.9	—	—
4	13.64	13.5	13.89	14.9	—	—
5	14.19	3.8	14.24	3.8	—	—
Library clerks	10.18	11.9	—	—	10.18	12.2
Blue collar	8.79	4.9	8.55	4.6	—	—
1	7.90	2.8	7.90	2.8	—	—
2	9.95	14.7	8.53	2.9	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	8.54	5.1	8.54	5.1	—	—
1	7.91	2.9	7.91	2.9	—	—
2	8.53	2.9	8.53	2.9	—	—
Stock handlers and baggers	7.46	5.9	7.46	5.9	—	—
1	7.23	5.9	7.23	5.9	—	—
Service	6.99	10.8	6.72	10.9	11.70	13.7
1	6.44	8.7	6.42	8.8	—	—
2	6.30	23.9	6.08	26.5	—	—
Protective service	12.77	18.2	—	—	—	—
Food service	5.92	12.7	5.79	12.6	—	—
1	5.48	6.8	5.47	6.8	—	—

See footnotes at end of table.

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
Food service—Continued						
2	\$6.05	27.9	\$5.85	30.0	—	—
Writers, waitresses, and bartenders	2.86	6.4	2.86	6.4	—	—
1	3.18	7.8	3.18	7.8	—	—
Waiters and waitresses	2.77	5.3	2.77	5.3	—	—
Other food service	7.52	5.1	7.39	5.0	—	—
1	6.85	6.3	6.84	6.3	—	—
2	8.06	2.7	—	—	—	—
Kitchen workers, food preparation	6.73	9.8	6.73	9.8	—	—
Food preparation, n.e.c.	7.36	4.5	7.08	5.0	—	—
1	7.39	1.1	7.38	1.1	—	—
Health service	—	—	—	—	—	—
Cleaning and building service	—	—	—	—	—	—
Personal service	11.70	29.5	13.18	41.1	—	—
1	7.22	6.0	—	—	—	—

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

² 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.

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

⁴ 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.

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

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 earnings¹ by occupational group,² National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004**

Occupational group	Private industry and State and local government					
	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
	Mean					
All occupations	\$20.48	\$10.01	\$20.04	\$19.06	\$19.01	\$34.50
All excluding sales	20.54	10.26	20.43	19.13	19.24	—
White collar	25.07	13.05	26.18	23.50	23.39	38.95
White-collar excluding sales	25.56	14.66	28.90	24.03	24.25	—
Professional specialty and technical	29.51	20.80	38.24	27.31	28.86	—
Professional specialty	30.37	24.88	34.79	29.27	30.05	—
Technical	24.65	14.43	57.95	17.73	23.06	—
Executive, administrative, and managerial	31.26	—	—	31.44	29.96	—
Sales	18.91	7.97	10.72	17.55	12.86	29.44
Administrative support, including clerical	15.04	10.83	18.46	13.48	14.36	—
Blue collar	16.97	8.79	18.02	15.39	16.39	—
Precision production, craft, and repair	20.82	—	22.89	19.56	20.80	—
Machine operators, assemblers, and inspectors	15.99	—	17.47	15.06	15.78	—
Transportation and material moving	17.64	—	19.65	15.56	17.64	—
Handlers, equipment cleaners, helpers, and laborers	12.54	8.54	13.05	10.62	11.72	—
Service	13.35	6.99	17.04	9.71	11.89	—
	Relative error ⁶ (percent)					
All occupations	1.9	5.7	3.9	2.8	2.1	16.3
All excluding sales	2.0	6.1	3.6	2.9	2.2	—
White collar	4.1	9.6	6.9	5.0	4.2	12.2
White-collar excluding sales	4.2	12.8	6.9	5.1	4.1	—
Professional specialty and technical	3.8	6.6	7.2	3.9	3.2	—
Professional specialty	4.5	4.4	3.2	4.8	4.0	—
Technical	12.0	13.1	39.5	5.3	10.5	—
Executive, administrative, and managerial	8.3	—	—	8.3	7.7	—
Sales	10.8	2.2	13.5	13.8	8.5	18.9
Administrative support, including clerical	3.7	7.8	7.2	3.7	4.5	—
Blue collar	2.9	4.9	4.1	4.5	3.3	—
Precision production, craft, and repair	3.1	—	3.5	4.9	3.2	—
Machine operators, assemblers, and inspectors	1.8	—	6.7	2.9	2.4	—
Transportation and material moving	4.7	—	4.9	5.8	4.2	—
Handlers, equipment cleaners, helpers, and laborers	7.4	5.1	8.8	7.8	6.3	—
Service	2.6	10.8	5.9	6.4	5.0	—

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

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

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

⁴ Union workers are those whose wages are determined through collective bargaining.

⁵ 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.

⁶ 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 earnings¹ by occupational group,² private industry, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupational group	Full-time and part-time workers									
	All private industries	Goods-producing industries ³				Service-producing industries ⁴				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
	Mean									
All occupations	\$18.68	\$20.30	\$17.09	\$18.95	\$20.48	–	\$24.13	–	–	–
All excluding sales	18.83	20.18	17.09	18.95	20.36	–	24.30	–	–	–
White collar	23.57	27.60	–	–	27.78	–	24.34	–	–	–
White-collar excluding sales	24.51	28.44	–	–	28.72	–	24.62	–	–	–
Professional specialty and technical	28.45	31.43	–	–	31.55	–	32.06	–	–	–
Professional specialty	29.61	33.16	–	–	33.39	–	–	–	–	–
Technical	23.40	–	–	–	–	–	32.86	–	–	–
Executive, administrative, and managerial	31.73	32.43	–	–	32.95	–	–	–	–	–
Sales	15.99	–	–	–	–	–	–	–	–	–
Administrative support, including clerical	14.39	17.29	–	–	17.49	–	18.86	–	–	–
Blue collar	16.25	17.64	16.45	18.04	17.59	–	22.09	–	–	–
Precision production, craft, and repair	20.84	21.04	–	17.51	21.99	–	26.39	–	–	–
Machine operators, assemblers, and inspectors	15.77	16.24	–	–	16.23	–	–	–	–	–
Transportation and material moving	17.59	18.10	16.15	–	17.35	–	–	–	–	–
Handlers, equipment cleaners, helpers, and laborers	11.42	13.96	–	16.94	12.91	–	16.97	–	–	–
Service	9.59	20.62	–	–	20.62	–	–	–	–	–
	Relative error ⁵ (percent)									
All occupations	2.6	0.6	6.9	2.6	0.6	–	5.5	–	–	–
All excluding sales	2.6	.7	6.9	2.6	.7	–	5.9	–	–	–
White collar	5.1	2.1	–	–	2.2	–	8.6	–	–	–
White-collar excluding sales	5.4	3.4	–	–	3.5	–	9.4	–	–	–
Professional specialty and technical	4.4	6.1	–	–	6.4	–	10.5	–	–	–
Professional specialty	5.3	5.4	–	–	5.7	–	–	–	–	–
Technical	12.0	–	–	–	–	–	16.1	–	–	–
Executive, administrative, and managerial	9.0	3.0	–	–	3.0	–	–	–	–	–
Sales	13.0	–	–	–	–	–	–	–	–	–
Administrative support, including clerical	5.6	9.2	–	–	9.8	–	10.6	–	–	–
Blue collar	3.5	1.5	1.9	2.2	1.7	–	6.1	–	–	–
Precision production, craft, and repair	3.4	3.9	–	17.1	3.0	–	11.6	–	–	–
Machine operators, assemblers, and inspectors	2.4	1.6	–	–	1.6	–	–	–	–	–
Transportation and material moving	5.1	6.2	3.8	–	6.5	–	–	–	–	–
Handlers, equipment cleaners, helpers, and laborers	5.9	10.0	–	25.5	9.6	–	9.0	–	–	–
Service	6.4	8.5	–	–	8.5	–	–	–	–	–

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

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

³ Goods-producing industries include mining, construction, and manufacturing.

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

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

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

Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers ³	100 workers or more		
			Total	100 - 499 workers	500 workers or more
	Mean				
All occupations	\$18.68	\$15.51	\$19.35	\$15.61	\$23.41
All excluding sales	18.83	15.44	19.54	15.63	23.61
White collar	23.57	24.08	23.50	18.83	27.13
White-collar excluding sales	24.51	25.73	24.34	19.49	27.70
Professional specialty and technical	28.45	25.66	28.87	22.77	32.19
Professional specialty	29.61	29.33	29.65	24.74	32.12
Technical	23.40	14.93	25.22	15.62	32.57
Executive, administrative, and managerial	31.73	38.07	30.65	30.67	30.64
Sales	15.99	16.55	15.84	15.29	—
Administrative support, including clerical	14.39	12.47	14.59	13.38	16.19
Blue collar	16.25	14.02	16.65	14.63	19.52
Precision production, craft, and repair	20.84	15.34	21.91	19.63	23.76
Machine operators, assemblers, and inspectors	15.77	13.46	16.29	15.50	17.37
Transportation and material moving	17.59	18.55	17.46	15.02	20.10
Handlers, equipment cleaners, helpers, and laborers	11.42	11.03	11.47	11.00	13.02
Service	9.59	7.51	10.76	9.42	13.18
	Relative error ⁴ (percent)				
All occupations	2.6	9.0	3.0	2.8	5.7
All excluding sales	2.6	8.6	3.2	3.6	5.7
White collar	5.1	11.0	5.6	6.8	6.0
White-collar excluding sales	5.4	11.6	5.9	7.9	6.0
Professional specialty and technical	4.4	9.8	5.9	10.9	3.5
Professional specialty	5.3	10.0	7.0	15.4	2.3
Technical	12.0	10.1	12.7	12.6	21.2
Executive, administrative, and managerial	9.0	17.1	9.8	8.6	13.1
Sales	13.0	21.8	17.0	22.3	—
Administrative support, including clerical	5.6	7.3	6.1	6.4	7.0
Blue collar	3.5	6.5	4.3	5.4	4.4
Precision production, craft, and repair	3.4	9.9	2.2	3.4	2.8
Machine operators, assemblers, and inspectors	2.4	10.8	4.5	1.9	7.1
Transportation and material moving	5.1	13.3	6.3	9.2	5.5
Handlers, equipment cleaners, helpers, and laborers	5.9	5.5	6.5	8.2	8.7
Service	6.4	12.1	4.1	5.5	14.1

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

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

³ Establishments classified with 50-99 workers may contain

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

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

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,¹ all workers:² Selected occupations, all industries, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	10	25	Median 50	75	90
All	\$8.66	\$11.40	\$16.76	\$24.13	\$32.75
All excluding sales	8.95	11.50	16.98	24.38	33.32
White collar	10.50	14.28	20.76	29.20	41.83
White collar excluding sales	11.35	15.03	21.98	29.77	42.38
Professional specialty and technical	16.32	19.60	26.00	35.00	44.58
Professional specialty	18.46	21.98	27.45	37.02	45.66
Engineers, architects, and surveyors	19.23	23.58	30.96	37.21	42.79
Industrial engineers	24.35	27.21	33.71	40.36	42.79
Mathematical and computer scientists	24.86	28.89	33.77	42.31	52.23
Computer systems analysts and scientists	24.86	28.89	33.77	42.31	52.23
Natural scientists	-	-	-	-	-
Health related	19.81	22.35	25.85	29.20	41.41
Registered nurses	19.59	22.35	25.85	27.05	29.60
Teachers, college and university	23.62	24.92	29.69	32.81	41.40
Teachers, except college and university	21.29	26.35	33.29	41.05	46.49
Elementary school teachers	22.36	26.40	32.83	41.14	46.73
Secondary school teachers	23.83	27.01	32.97	41.81	47.79
Teachers, n.e.c.	26.33	32.19	37.26	43.00	46.85
Librarians, archivists, and curators	17.90	18.98	22.97	24.59	41.01
Librarians	17.90	18.98	22.97	24.59	41.01
Social scientists and urban planners	-	-	-	-	-
Social, recreation, and religious workers	-	-	-	-	-
Lawyers and judges	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.50	18.67	21.98	31.48	35.44
Technical	10.86	13.87	17.31	23.42	28.95
Licensed practical nurses	15.10	17.13	17.20	17.40	18.37
Health technologists and technicians, n.e.c.	8.69	10.28	13.73	16.67	28.06
Technical and related, n.e.c.	15.31	17.34	18.26	21.93	24.87
Executive, administrative, and managerial	17.79	22.30	27.22	39.77	49.90
Executives, administrators, and managers	20.07	27.89	39.22	47.07	55.63
Administrators and officials, public administration	21.60	26.84	31.11	33.86	44.25
Administrators, education and related fields	15.29	15.29	27.22	42.31	45.69
Managers, service organizations, n.e.c.	21.82	21.82	30.35	38.43	40.43
Managers and administrators, n.e.c.	25.96	35.58	45.13	51.45	67.52
Management related	17.00	19.52	24.04	26.55	29.40
Accountants and auditors	16.76	17.79	19.52	26.44	27.91
Other financial officers	17.69	19.56	23.92	27.82	29.40
Purchasing agents and buyers, n.e.c.	23.10	26.55	26.55	28.51	39.66
Management related, n.e.c.	16.00	17.05	18.56	21.93	23.70
Sales	7.35	8.75	13.70	20.16	30.00
Cashiers	6.48	7.25	8.15	9.70	11.50
Administrative support, including clerical	9.66	11.24	13.49	16.25	21.25
Secretaries	11.24	12.35	14.88	17.15	23.29
Transportation ticket and reservation agents	11.56	13.34	20.00	20.88	21.76
Receptionists	10.00	10.30	10.50	11.50	12.91
Library clerks	8.97	9.97	11.68	12.77	13.87
Records clerks, n.e.c.	12.51	12.82	15.24	17.79	21.47
Bookkeepers, accounting and auditing clerks	10.00	11.30	13.42	14.66	18.69
Traffic, shipping and receiving clerks	10.42	11.58	15.97	17.02	17.36
General office clerks	10.00	11.31	12.80	15.14	15.80
Administrative support, n.e.c.	10.00	11.50	13.91	16.60	20.15
Blue collar	8.70	11.83	16.09	20.40	24.65
Precision production, craft, and repair	13.79	17.29	20.45	23.86	28.87
Supervisors, mechanics and repairers	18.21	18.21	22.84	23.00	32.75
Automobile mechanics	17.00	19.77	21.52	26.00	27.99
Industrial machinery repairers	16.01	16.71	19.09	22.70	30.38
Mechanics and repairers, n.e.c.	15.70	17.25	19.43	20.80	21.50
Electricians	8.50	10.00	17.10	23.25	26.83
Plumbers, pipefitters and steamfitters	19.00	22.00	23.00	24.42	30.02
Supervisors, production	19.89	23.00	26.29	28.75	30.67
Tool and die makers	21.51	22.98	24.92	28.87	30.38
Machinists	16.00	18.83	19.42	26.09	26.09

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, all industries, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors	\$9.85	\$12.40	\$15.78	\$18.36	\$20.55
Numerical control machine operators	14.88	15.63	16.25	18.39	19.14
Molding and casting machine operators	9.85	13.80	18.80	20.43	20.65
Miscellaneous machine operators, n.e.c.	8.75	9.85	11.50	15.78	19.20
Assemblers	9.75	10.40	12.77	16.11	26.60
Production inspectors, checkers and examiners ..	12.40	13.02	16.09	17.72	24.10
Transportation and material moving	10.08	12.75	17.07	21.09	25.45
Truck drivers	9.25	12.00	15.00	19.80	25.45
Bus drivers	12.39	14.54	16.35	19.36	19.36
Miscellaneous material moving equipment operators, n.e.c.	13.47	13.74	20.45	21.09	23.00
Handlers, equipment cleaners, helpers, and laborers	6.25	7.50	11.00	14.40	19.34
Construction laborers	12.10	13.45	18.30	22.47	22.64
Stock handlers and baggers	6.00	6.50	8.50	11.50	15.95
Freight, stock, and material handlers, n.e.c.	9.50	11.00	12.40	18.26	21.78
Hand packers and packagers	6.00	7.00	7.45	10.87	15.63
Laborers, except construction, n.e.c.	8.00	10.85	12.40	15.41	15.86
Service	5.25	8.00	10.08	13.25	24.43
Protective service	9.00	10.25	19.48	25.70	26.90
Supervisors, police and detectives	17.66	20.56	22.66	30.32	48.46
Firefighting	16.26	25.07	26.88	26.90	26.90
Police and detectives, public service	20.21	22.79	24.46	25.70	26.41
Food service	2.25	3.70	7.50	9.50	11.90
Waiters, waitresses, and bartenders	2.13	2.13	3.25	5.15	8.23
Waiters and waitresses	2.13	2.13	3.25	3.25	5.15
Waiters/Waitresses' assistants	2.13	2.65	4.35	9.39	9.39
Other food service	6.10	7.30	9.40	11.00	13.00
Cooks	9.50	9.50	10.00	12.25	14.00
Kitchen workers, food preparation	5.50	5.90	7.75	9.50	11.90
Food preparation, n.e.c.	6.50	7.00	8.00	8.67	10.96
Health service	9.12	10.10	10.70	12.50	13.25
Nursing aides, orderlies and attendants	9.00	9.60	10.50	11.75	13.25
Cleaning and building service	7.50	8.46	10.33	12.14	15.97
Janitors and cleaners	7.25	8.29	10.33	12.14	15.93
Personal service	6.25	8.05	9.47	12.35	33.28
Attendants, amusement, and recreation facilities	5.25	6.08	8.00	9.27	11.55
Early childhood teachers' assistants	8.10	8.58	9.39	10.91	12.66

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

nonproduction bonuses; and tips.

² All workers include full-time and part-time workers.

³ 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,¹ all workers:² Selected occupations, private industry, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$8.00	\$10.68	\$16.09	\$23.10	\$31.32
All excluding sales	8.25	10.87	16.11	23.32	31.48
White collar	10.16	13.88	20.43	28.51	41.45
White collar excluding sales	11.00	14.50	21.82	29.27	42.32
Professional specialty and technical	15.60	19.16	25.19	34.16	43.61
Professional specialty	17.94	21.35	27.05	35.83	45.77
Engineers, architects, and surveyors	19.66	25.99	33.65	38.08	42.91
Industrial engineers	24.35	27.21	33.71	40.36	42.79
Mathematical and computer scientists	24.86	28.89	33.77	42.31	52.23
Computer systems analysts and scientists	24.86	28.89	33.77	42.31	52.23
Natural scientists	—	—	—	—	—
Health related	19.90	22.35	25.85	29.60	41.41
Registered nurses	19.49	22.00	24.79	27.05	30.28
Teachers, college and university	23.62	24.92	29.66	31.17	38.05
Teachers, except college and university	15.39	17.31	20.67	29.86	34.05
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	10.17	13.00	16.76	21.93	29.52
Health technologists and technicians, n.e.c.	8.69	9.72	13.20	16.00	19.58
Executive, administrative, and managerial	18.17	23.37	27.28	39.77	50.34
Executives, administrators, and managers	23.32	28.84	41.35	49.49	59.14
Managers and administrators, n.e.c.	25.72	35.58	45.13	51.60	67.52
Management related	17.24	19.56	24.84	26.92	29.40
Accountants and auditors	16.89	17.93	24.94	26.44	27.91
Other financial officers	17.69	19.56	23.92	27.82	29.40
Management related, n.e.c.	15.87	17.05	18.56	21.93	22.09
Sales	7.35	8.75	13.70	20.16	30.00
Cashiers	6.48	7.25	8.15	9.70	11.50
Administrative support, including clerical	9.40	10.66	13.30	16.47	22.00
Secretaries	11.98	14.28	15.38	20.19	24.20
Transportation ticket and reservation agents	11.56	13.34	20.00	20.88	21.76
Receptionists	10.00	10.30	10.50	11.50	12.91
Records clerks, n.e.c.	12.71	13.11	16.83	21.22	21.47
Bookkeepers, accounting and auditing clerks	10.00	11.30	13.03	14.50	18.73
Traffic, shipping and receiving clerks	10.42	11.58	15.97	17.02	17.36
General office clerks	9.50	10.66	12.50	13.46	15.80
Administrative support, n.e.c.	10.00	11.50	13.91	16.65	20.15
Blue collar	8.50	11.50	16.00	20.30	24.92
Precision production, craft, and repair	13.00	17.10	20.40	24.32	28.87
Automobile mechanics	15.12	18.28	20.57	26.09	28.91
Industrial machinery repairers	16.01	16.71	19.09	22.70	30.38
Mechanics and repairers, n.e.c.	15.70	17.10	19.43	20.80	21.50
Electricians	8.50	9.75	17.10	23.25	26.83
Plumbers, pipefitters and steamfitters	19.00	22.00	23.00	24.42	30.02
Supervisors, production	19.89	23.00	26.29	28.75	30.67
Tool and die makers	21.51	22.98	24.92	28.87	30.38
Machinists	16.00	18.83	19.42	26.09	26.09
Machine operators, assemblers, and inspectors	9.85	12.40	15.78	18.36	20.55
Numerical control machine operators	14.88	15.63	16.25	18.39	19.14
Molding and casting machine operators	9.85	13.80	18.80	20.43	20.65
Miscellaneous machine operators, n.e.c.	8.75	9.85	11.50	15.78	19.20
Assemblers	9.75	10.40	12.77	16.11	26.60
Production inspectors, checkers and examiners ..	12.40	13.02	16.09	17.72	26.60
Transportation and material moving	9.30	12.75	17.07	23.63	25.45
Truck drivers	9.25	12.00	14.00	19.80	25.45

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, private industry, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Blue collar –Continued					
Transportation and material moving –Continued					
Miscellaneous material moving equipment operators, n.e.c.	\$13.47	\$13.74	\$20.45	\$21.09	\$23.00
Handlers, equipment cleaners, helpers, and laborers	6.25	7.45	10.85	13.88	18.25
Stock handlers and baggers	6.00	6.50	8.50	11.50	15.95
Freight, stock, and material handlers, n.e.c.	9.50	11.00	12.40	18.26	21.78
Hand packers and packagers	6.00	7.00	7.45	10.87	15.63
Laborers, except construction, n.e.c.	8.00	10.53	12.15	12.52	16.15
Service	3.35	7.20	9.35	11.00	13.25
Protective service	–	–	–	–	–
Food service	2.13	3.50	7.50	9.50	11.89
Waiters, waitresses, and bartenders	2.13	2.13	3.25	5.15	8.23
Waiters and waitresses	2.13	2.13	3.25	3.25	5.15
Waiters/Waitresses' assistants	2.13	2.65	4.35	9.39	9.39
Other food service	5.90	7.00	8.95	10.69	12.25
Cooks	9.50	9.50	10.00	12.20	14.00
Kitchen workers, food preparation	5.50	5.90	7.75	9.50	11.90
Food preparation, n.e.c.	6.50	7.00	8.00	8.00	10.69
Health service	9.00	10.05	10.63	12.50	13.25
Nursing aides, orderlies and attendants	9.00	9.60	10.50	11.75	13.25
Cleaning and building service	7.00	8.00	9.00	11.00	12.22
Janitors and cleaners	7.00	8.00	9.00	11.00	12.22
Personal service	6.01	7.50	9.39	12.21	42.50
Attendants, amusement, and recreation facilities	5.25	5.94	9.01	10.77	11.55

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

nonproduction bonuses; and tips.

² All workers include full-time and part-time workers.

³ 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,¹ all workers:² Selected occupations, State and local government, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$12.27	\$15.29	\$20.16	\$26.90	\$39.03
All excluding sales	12.27	15.29	20.16	26.90	39.03
White collar	12.53	15.66	23.58	33.00	42.55
White collar excluding sales	12.53	15.66	23.58	33.00	42.55
Professional specialty and technical	18.97	23.58	27.98	37.96	45.17
Professional specialty	19.01	24.16	29.65	39.55	45.61
Engineers, architects, and surveyors	—	—	—	—	—
Health related	19.39	23.88	25.85	27.96	37.32
Registered nurses	20.68	24.53	25.85	25.85	27.96
Teachers, college and university	—	—	—	—	—
Teachers, except college and university	24.56	28.08	34.51	42.03	46.92
Elementary school teachers	23.55	27.01	33.66	41.87	47.14
Secondary school teachers	25.29	28.48	34.75	43.10	48.37
Librarians, archivists, and curators	17.90	18.98	22.97	24.59	41.01
Librarians	17.90	18.98	22.97	24.59	41.01
Social, recreation, and religious workers	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	17.40	18.37	18.97	24.12	25.03
Executive, administrative, and managerial	15.29	16.35	26.46	39.11	44.02
Executives, administrators, and managers	15.29	17.76	31.11	41.10	45.64
Administrators and officials, public administration	21.60	26.84	31.11	33.86	44.25
Administrators, education and related fields	15.29	15.29	27.22	42.31	45.69
Management related	14.47	16.09	18.47	24.04	37.16
Administrative support, including clerical	11.24	12.13	14.44	16.18	17.28
Secretaries	11.24	11.63	12.63	15.48	17.29
Library clerks	8.97	9.97	11.71	12.77	13.87
General office clerks	12.42	14.28	15.14	15.44	16.89
Blue collar	14.28	15.86	18.77	21.52	23.01
Precision production, craft, and repair	16.17	17.32	21.52	23.01	23.32
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	12.39	15.23	17.14	19.36	19.36
Bus drivers	12.39	14.54	16.35	19.36	19.36
Handlers, equipment cleaners, helpers, and laborers	12.80	15.41	15.86	19.34	19.34
Service	11.06	14.06	19.76	25.99	26.90
Protective service	16.59	20.28	24.46	26.88	26.90
Supervisors, police and detectives	17.66	20.56	22.66	30.32	48.46
Firefighting	16.26	25.07	26.88	26.90	26.90
Police and detectives, public service	20.21	22.79	24.46	25.70	26.41
Food service	9.19	10.66	13.41	16.93	20.25
Other food service	9.19	10.66	13.41	16.93	20.25
Health service	—	—	—	—	—
Cleaning and building service	9.71	11.40	13.11	14.53	16.09
Janitors and cleaners	9.71	11.43	13.11	14.53	15.97
Personal service	7.25	9.14	10.61	12.36	14.68

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

nonproduction bonuses; and tips.

² All workers include full-time and part-time workers.

³ 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,¹ full-time workers:² Selected occupations, all industries, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	10	25	Median 50	75	90
All	\$9.85	\$12.61	\$17.85	\$25.11	\$34.57
All excluding sales	9.85	12.63	17.94	25.24	34.73
White collar	12.00	15.39	22.00	30.36	42.79
White collar excluding sales	12.44	15.80	22.75	31.11	43.37
Professional specialty and technical	16.41	19.90	26.64	36.03	45.59
Professional specialty	18.46	21.98	28.08	37.21	46.01
Engineers, architects, and surveyors	19.23	23.58	31.49	37.98	42.79
Industrial engineers	24.93	30.29	34.73	40.36	42.79
Mathematical and computer scientists	24.86	28.89	33.77	42.31	52.23
Computer systems analysts and scientists	24.86	28.89	33.77	42.31	52.23
Natural scientists	-	-	-	-	-
Health related	19.56	22.80	25.85	30.42	41.41
Registered nurses	19.39	22.00	25.85	27.05	30.28
Teachers, college and university	23.62	24.92	29.69	32.81	41.40
Teachers, except college and university	22.20	26.42	33.40	41.17	46.50
Elementary school teachers	22.55	26.40	32.90	41.17	46.73
Secondary school teachers	23.83	27.01	32.97	41.81	47.79
Teachers, n.e.c.	26.33	32.28	37.26	43.00	46.85
Librarians, archivists, and curators	17.90	18.98	22.97	24.59	41.01
Librarians	17.90	18.98	22.97	24.59	41.01
Social scientists and urban planners	-	-	-	-	-
Social, recreation, and religious workers	-	-	-	-	-
Lawyers and judges	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.50	18.67	21.98	31.48	35.44
Technical	11.78	13.96	18.26	24.86	30.34
Clinical laboratory technologists and technicians	9.83	10.86	15.46	21.40	27.04
Licensed practical nurses	14.42	14.50	15.21	17.13	19.28
Health technologists and technicians, n.e.c.	9.00	11.73	13.96	17.70	28.06
Executive, administrative, and managerial	17.79	22.30	27.22	39.77	49.83
Executives, administrators, and managers	20.07	27.89	39.11	47.07	55.24
Administrators and officials, public administration	21.60	26.84	31.11	33.86	44.25
Administrators, education and related fields	15.29	15.29	27.22	42.31	45.69
Managers, service organizations, n.e.c.	21.82	21.82	30.35	38.43	40.43
Managers and administrators, n.e.c.	25.96	35.58	45.13	51.45	67.52
Management related	17.00	19.52	24.04	26.55	29.40
Accountants and auditors	16.76	17.79	19.52	26.44	27.91
Other financial officers	17.69	19.56	23.92	27.82	29.40
Purchasing agents and buyers, n.e.c.	23.10	26.55	26.55	28.51	39.66
Management related, n.e.c.	16.00	17.05	18.56	21.93	23.70
Sales	9.00	11.86	15.90	21.22	32.15
Cashiers	7.25	8.00	9.70	11.50	13.88
Administrative support, including clerical	10.30	11.90	14.00	16.88	22.00
Secretaries	11.24	12.61	15.10	17.20	23.29
Receptionists	10.00	10.30	10.50	11.83	13.24
Records clerks, n.e.c.	12.51	12.90	15.64	17.79	21.47
Bookkeepers, accounting and auditing clerks	10.00	11.30	13.39	14.50	17.89
General office clerks	10.00	11.45	13.12	15.14	15.82
Administrative support, n.e.c.	10.55	12.57	16.60	19.77	20.15
Blue collar	9.80	12.40	16.60	20.57	25.45
Precision production, craft, and repair	13.79	17.29	20.45	23.86	28.87
Supervisors, mechanics and repairers	18.21	18.21	22.84	23.00	32.75
Automobile mechanics	17.00	19.77	21.52	26.00	27.99
Industrial machinery repairers	16.01	16.71	19.09	22.70	30.38
Mechanics and repairers, n.e.c.	15.70	17.25	19.43	20.80	21.50
Electricians	8.50	10.00	17.10	23.25	26.83
Plumbers, pipefitters and steamfitters	19.00	22.00	23.00	24.42	30.02
Supervisors, production	19.89	23.00	26.29	28.75	30.67
Tool and die makers	21.51	22.98	24.92	28.87	30.38
Machinists	16.00	18.83	19.42	26.09	26.09
Machine operators, assemblers, and inspectors	10.40	12.77	16.00	18.36	20.58
Numerical control machine operators	14.88	15.63	16.25	18.39	19.14

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs,¹ full-time workers:² Selected occupations, all industries, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors					
—Continued					
Molding and casting machine operators	\$9.85	\$13.80	\$18.80	\$20.43	\$20.65
Miscellaneous machine operators, n.e.c.	9.85	9.85	12.51	15.78	19.20
Assemblers	9.75	10.40	12.77	16.11	26.60
Production inspectors, checkers and examiners ..	12.40	13.02	16.09	17.72	24.10
Transportation and material moving					
Truck drivers	10.17	13.00	17.07	22.63	25.45
Bus drivers	9.25	12.00	15.66	19.80	25.45
Miscellaneous material moving equipment operators, n.e.c.	12.39	14.71	17.74	19.36	19.36
.....	13.47	13.74	20.45	21.09	23.00
Handlers, equipment cleaners, helpers, and laborers					
Construction laborers	6.50	8.70	11.75	15.95	20.15
Stock handlers and baggers	12.10	13.45	18.30	22.47	22.64
Freight, stock, and material handlers, n.e.c.	6.00	8.70	11.50	14.85	16.10
Hand packers and packagers	9.50	11.50	12.77	19.31	21.78
Laborers, except construction, n.e.c.	6.00	6.50	7.20	10.95	20.15
.....	8.00	10.63	12.52	15.86	16.15
Service					
Protective service	8.00	9.35	11.00	14.88	25.08
Supervisors, police and detectives	9.00	10.35	20.13	25.99	26.90
Police and detectives, public service	17.66	20.56	22.66	30.32	48.46
Food service	20.21	22.79	24.46	25.70	26.41
Waiters, waitresses, and bartenders	3.25	4.35	9.39	10.69	13.50
Other food service	—	—	—	—	—
Cooks	8.00	9.50	10.00	12.02	14.00
Food preparation, n.e.c.	9.50	9.50	10.50	13.91	14.00
Health service	8.00	8.00	8.00	10.69	11.00
Nursing aides, orderlies and attendants	9.25	10.15	10.76	12.50	13.25
Cleaning and building service	9.00	9.70	10.50	11.75	13.25
Janitors and cleaners	9.00	9.71	11.29	13.63	18.34
Personal service	9.00	9.74	11.40	13.71	18.11
.....	6.00	8.91	10.84	13.74	37.18

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

² Employees are classified as working either a full-time or a part-time

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

³ 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,¹ part-time workers:² Selected occupations, all industries, National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004

Occupation ³	10	25	Median 50	75	90
All	\$5.50	\$7.00	\$8.55	\$10.96	\$17.20
All excluding sales	5.50	7.00	8.95	11.25	17.97
White collar	7.70	9.00	10.00	15.68	22.40
White collar excluding sales	9.00	9.20	11.40	18.37	24.35
Professional specialty and technical	9.72	17.20	22.02	24.35	27.05
Professional specialty	20.06	22.35	24.35	26.45	29.20
Engineers, architects, and surveyors	—	—	—	—	—
Health related	21.00	22.35	24.13	26.45	30.00
Registered nurses	21.00	22.35	23.61	26.45	27.05
Teachers, college and university	14.00	14.00	16.85	35.00	35.00
Teachers, except college and university	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—
Technical	8.10	9.93	17.20	17.20	17.40
Executive, administrative, and managerial	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—
Sales	6.29	7.00	8.00	8.60	9.70
Cashiers	6.25	7.00	8.00	8.75	9.70
Administrative support, including clerical	9.00	9.00	10.00	11.79	14.00
Library clerks	8.48	8.77	9.91	11.68	12.77
Blue collar	6.20	7.05	8.25	9.50	12.39
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	6.00	6.90	8.00	9.62	12.15
Stock handlers and baggers	5.90	6.40	7.60	8.25	8.95
Service	2.13	5.50	7.00	8.00	9.52
Protective service	8.50	9.25	11.00	14.46	25.00
Food service	2.13	2.63	6.50	7.60	9.50
Waiters, waitresses, and bartenders	2.13	2.13	2.13	2.65	5.15
Waiters and waitresses	2.13	2.13	2.13	2.29	5.15
Other food service	5.50	6.25	7.00	8.00	10.13
Kitchen workers, food preparation	5.50	5.50	6.50	7.60	8.95
Food preparation, n.e.c.	6.05	6.75	7.00	8.00	8.37
Health service	—	—	—	—	—
Cleaning and building service	—	—	—	—	—
Personal service	6.25	6.50	7.25	9.89	14.22

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

² Employees are classified as working either a full-time or a part-time

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

³ 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 Cincinnati–Hamilton, OH–KY–IN, Metropolitan Statistical Area includes Brown, Butler, Clermont, Hamilton, and Warren Counties, OH; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties, KY; and Dearborn and Ohio Counties, IN.

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 met-

ropolitan 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.

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

Survey response

	<i>Establish- ments</i>
Total in sampling frame	3,221
Total in sample	365
Responding	226
Out of business or not in survey scope	33
Unable or refused to provide data	106

In this survey, the nonresponse rates for all industries and private industry exceeded 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 workers¹ represented by the survey, by occupational group,² National Compensation Survey, Cincinnati-Hamilton, OH-KY-IN, September 2004**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	464,000	389,400	74,600
All excluding sales	440,500	365,900	74,600
White collar	229,600	182,600	47,000
White-collar excluding sales	206,100	159,100	47,000
Professional specialty and technical	98,000	69,500	28,500
Professional specialty	81,400	55,300	26,200
Technical	16,600	14,200	2,400
Executive, administrative, and managerial	40,100	34,600	5,500
Sales	23,500	23,500	–
Administrative support, including clerical	68,000	55,000	13,000
Blue collar	144,600	134,400	10,100
Precision production, craft, and repair	40,000	35,600	4,400
Machine operators, assemblers, and inspectors	38,300	38,200	–
Transportation and material moving	21,300	17,700	3,700
Handlers, equipment cleaners, helpers, and laborers	45,000	43,000	–
Service	89,900	72,400	17,500

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

² 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.