

Philadelphia–Wilmington– Atlantic City, PA–NJ–DE–MD National Compensation Survey August 1999



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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, or call (202) 691-6199, or send e-mail to ocltinfo@bls.gov.

The data contained in this bulletin are also available at <http://stats.bls.gov/comhome.htm>, the BLS Internet site. Data are in three formats: An ASCII file containing the published table formats; an ASCII file containing positional columns of data for manipulation as a data base or spreadsheet; and a Portable Document Format (PDF) file containing the entire bulletin.

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

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Introduction

The tables in this bulletin summarize the NCS results for the Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD, metropolitan area. 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 generic leveling methodology.

NCS products

The Bureau's National Compensation Survey provides data on occupational wages and employee benefits for localities, broad geographic regions, and the Nation as a whole. 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 of benefit plans and their provisions. 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), as explained in Appendix A. 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 groups. 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 groups; these estimates are limited to the private sector. Table 5–3 presents mean hourly earnings data for establishment employment sizes by major occupational groups; these estimates also are limited to the private sector.

Tables 6–1 through 6–5 present hourly wage percentiles that describe the distribution of hourly earnings for 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. For each published occupation, these percentiles relate to the average hourly earnings of jobs surveyed in establishments. The percentiles do not relate to the hourly earnings of individual workers in these establishment jobs.

Appendix table 1 provides the employment scope of this survey. The occupation employment estimates relate to all employers in the area, rather than just to those surveyed. Appendix table 2 presents the number of establishments studied by industry group and employment size. The median work levels for published occupations are presented in appendix table 3.

Table 1-1. Summary: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$18.51	2.0	35.6	\$17.74	2.3	35.6	\$22.40	3.3	35.6
Worker characteristics:⁴									
White-collar occupations ⁵	22.07	2.4	35.6	21.27	2.7	35.8	26.21	4.4	34.7
Professional specialty and technical	27.57	2.9	35.2	25.92	3.6	35.4	32.91	4.9	34.6
Executive, administrative, and managerial	29.39	3.8	39.2	29.84	4.2	39.5	26.29	5.7	37.0
Sales	15.55	7.5	31.5	15.59	7.7	31.5	13.41	10.2	36.4
Administrative support	13.64	1.6	36.0	13.58	1.8	36.4	13.96	3.0	33.8
Blue-collar occupations ⁵	15.24	2.5	38.3	15.07	2.8	38.4	16.71	2.7	37.8
Precision production, craft, and repair	19.00	2.8	39.3	19.12	3.2	39.2	18.28	3.3	39.6
Machine operators, assemblers, and inspectors	13.91	5.3	39.6	13.90	5.4	39.6	-	-	-
Transportation and material moving	14.73	5.3	37.3	14.50	6.3	37.5	16.14	4.0	36.3
Handlers, equipment cleaners, helpers, and laborers	11.95	3.2	37.0	11.55	3.5	37.0	14.79	2.6	36.7
Service occupations ⁵	11.13	2.8	32.5	9.10	2.4	31.4	17.38	3.4	36.4
Full time	19.42	2.0	39.1	18.64	2.4	39.4	23.11	3.2	37.6
Part time	10.37	2.8	19.7	10.31	3.0	19.8	10.93	5.9	19.1
Union	18.64	2.9	37.3	15.20	3.3	37.7	23.09	3.0	36.8
Nonunion	18.45	2.6	34.9	18.34	2.7	35.1	20.34	8.6	32.2
Time	18.44	2.1	35.5	17.63	2.4	35.5	22.40	3.3	35.6
Incentive	20.78	7.9	36.8	20.78	7.9	36.8	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	15.16	4.9	35.5	15.09	5.1	35.7	17.06	2.9	30.8
100-499 workers	17.17	4.2	34.7	16.61	4.8	34.8	22.63	4.0	33.6
500 workers or more	20.73	2.4	36.4	20.06	2.4	36.4	22.55	5.0	36.5

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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$18.51	2.0	\$17.74	2.3	\$22.40	3.3
All excluding sales	18.72	2.0	17.93	2.4	22.47	3.4
White collar	22.07	2.4	21.27	2.7	26.21	4.4
White collar excluding sales	22.92	2.4	22.15	2.7	26.38	4.4
Professional specialty and technical	27.57	2.9	25.92	3.6	32.91	4.9
Professional specialty	29.77	3.2	28.14	4.1	33.82	4.8
Engineers, architects, and surveyors	31.46	3.4	31.86	3.4	—	—
Civil engineers	33.07	6.9	—	—	—	—
Electrical and electronic engineers	31.82	3.9	31.82	3.9	—	—
Mechanical engineers	27.60	11.4	27.58	12.6	—	—
Engineers, n.e.c.	29.07	4.6	28.93	4.8	—	—
Mathematical and computer scientists	33.72	10.7	33.72	10.7	—	—
Computer systems analysts and scientists	29.48	3.2	29.48	3.2	—	—
Natural scientists	34.97	5.3	35.36	5.5	—	—
Biological and life scientists	31.76	8.0	31.91	9.3	—	—
Health related	23.73	3.8	22.92	3.2	33.76	12.9
Physicians	25.33	21.2	25.23	22.7	—	—
Registered nurses	23.35	3.4	22.43	1.6	35.81	13.9
Pharmacists	27.10	5.0	27.25	5.0	—	—
Respiratory therapists	21.15	5.1	21.15	5.1	—	—
Teachers, college and university	38.68	4.8	39.01	6.8	38.13	5.5
Art, drama, and music teachers	26.64	6.7	26.71	6.6	—	—
Other post-secondary teachers	38.15	5.2	—	—	38.48	5.6
Teachers, except college and university	33.54	5.0	18.70	6.4	36.77	4.7
Elementary school teachers	36.09	3.7	19.00	4.9	37.85	3.3
Secondary school teachers	41.21	4.2	—	—	42.02	3.9
Teachers, special education	32.43	6.7	24.47	11.5	34.07	7.1
Teachers, n.e.c.	24.91	14.2	16.99	8.7	30.04	3.8
Vocational and educational counselors	26.77	18.5	—	—	36.08	16.2
Librarians, archivists, and curators	33.90	10.8	—	—	—	—
Librarians	33.90	10.8	—	—	—	—
Social scientists and urban planners	32.20	9.8	28.92	13.7	—	—
Economists	34.85	13.1	34.85	13.1	—	—
Psychologists	32.54	13.5	19.49	11.3	—	—
Social, recreation, and religious workers	17.86	5.0	16.13	6.3	19.79	3.7
Social workers	17.77	5.9	15.74	6.1	20.46	3.9
Lawyers and judges	40.61	11.7	42.69	12.7	—	—
Lawyers	40.61	11.7	42.69	12.7	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.43	7.8	23.05	8.8	19.14	6.7
Public relations specialists	25.31	10.1	26.21	11.1	—	—
Professional, n.e.c.	25.09	15.3	—	—	—	—
Technical	19.95	3.4	20.02	3.6	18.96	9.8
Clinical laboratory technologists and technicians	14.35	7.2	14.35	7.2	—	—
Radiological technicians	19.56	2.7	19.56	2.7	—	—
Licensed practical nurses	16.23	2.1	16.23	2.3	16.15	2.7
Health technologists and technicians, n.e.c.	15.66	8.1	15.79	8.1	—	—
Electrical and electronic technicians	21.16	8.7	21.15	8.7	—	—
Engineering technicians, n.e.c.	19.66	6.8	20.63	9.5	—	—
Drafters	22.71	5.3	22.71	5.3	—	—
Chemical technicians	18.60	6.5	18.60	6.5	—	—
Science technicians, n.e.c.	18.27	7.7	18.24	7.9	—	—
Computer programmers	22.16	6.5	21.39	6.9	—	—
Technical and related, n.e.c.	22.32	8.9	23.12	8.8	—	—
Executive, administrative, and managerial	29.39	3.8	29.84	4.2	26.29	5.7
Executives, administrators, and managers	34.01	4.0	34.63	4.4	29.68	6.0
Administrators and officials, public administration	25.84	2.7	—	—	25.84	2.7
Financial managers	37.14	9.5	37.72	9.4	—	—
Personnel and labor relations managers	39.80	14.8	39.80	14.8	—	—
Purchasing managers	24.88	11.5	24.15	13.0	—	—
Managers, marketing, advertising, and public relations	35.87	9.9	35.84	10.0	—	—
Administrators, education and related fields	33.55	12.6	32.79	23.6	34.37	6.2

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)
White collar –Continued						
Executive, administrative, and managerial –Continued						
Executives, administrators, and managers –Continued						
Managers, medicine and health	\$31.15	8.7	\$31.21	8.8	–	–
Managers, food servicing and lodging establishments	23.33	9.5	22.32	7.9	–	–
Managers, service organizations, n.e.c.	31.33	16.3	33.15	18.7	–	–
Managers and administrators, n.e.c.	35.91	6.5	35.97	6.5	–	–
Management related	22.15	5.9	22.32	6.6	\$20.93	6.8
Accountants and auditors	19.57	4.8	19.22	6.0	–	–
Other financial officers	22.96	5.8	23.35	5.8	–	–
Management analysts	28.97	8.9	28.78	10.3	–	–
Personnel, training, and labor relations specialists	26.36	14.7	26.46	15.1	–	–
Purchasing agents and buyers, n.e.c.	19.67	11.3	19.67	11.3	–	–
Inspectors and compliance officers, except construction	18.14	7.4	–	–	–	–
Management related, n.e.c.	19.66	12.1	19.61	13.8	–	–
Sales	15.55	7.5	15.59	7.7	13.41	10.2
Supervisors, sales	26.81	10.5	26.81	10.5	–	–
Advertising and related sales	17.12	12.4	17.12	12.4	–	–
Sales, other business services	27.74	26.0	27.74	26.0	–	–
Sales representatives, mining, manufacturing, and wholesale	21.20	15.9	21.20	15.9	–	–
Sales workers, other commodities	11.50	14.0	11.50	14.0	–	–
Sales counter clerks	8.96	10.2	8.96	10.2	–	–
Cashiers	10.06	4.5	9.80	4.9	13.41	10.2
Sales support, n.e.c.	20.86	15.8	20.86	15.8	–	–
Administrative support, including clerical	13.64	1.6	13.58	1.8	13.96	3.0
Supervisors, general office	19.94	4.0	19.66	4.3	–	–
Supervisors, financial records processing	15.28	9.2	15.28	9.2	–	–
Computer operators	15.07	5.0	15.07	5.0	–	–
Secretaries	15.35	2.4	15.35	2.8	15.35	4.1
Typists	12.88	6.3	12.96	12.8	12.81	3.3
Interviewers	9.26	14.8	9.26	14.8	–	–
Hotel clerks	10.61	6.5	10.61	6.5	–	–
Receptionists	10.96	4.8	10.93	5.1	–	–
Information clerks, n.e.c.	12.80	5.5	12.72	5.8	–	–
Order clerks	15.14	7.2	15.14	7.2	–	–
Library clerks	11.75	6.0	10.21	4.1	12.69	6.2
File clerks	9.36	5.4	9.47	5.5	–	–
Records clerks, n.e.c.	12.05	7.1	11.99	8.0	–	–
Bookkeepers, accounting and auditing clerks	12.91	3.2	12.75	3.5	14.36	4.1
Payroll and timekeeping clerks	14.49	3.8	14.49	3.8	–	–
Billing clerks	11.88	4.2	11.88	4.2	–	–
Duplicating machine operators	9.53	3.1	9.53	3.1	–	–
Telephone operators	13.21	9.9	13.29	10.7	–	–
Mail clerks, except postal service	10.70	7.0	10.09	5.9	–	–
Dispatchers	12.51	10.5	–	–	–	–
Traffic, shipping and receiving clerks	12.33	13.4	12.33	13.4	–	–
Stock and inventory clerks	12.47	8.0	12.47	8.1	–	–
Insurance adjusters, examiners, and investigators	16.13	9.8	15.86	9.7	–	–
Investigators and adjusters, except insurance	13.94	6.6	13.31	5.2	–	–
Bill and account collectors	11.77	5.5	11.77	5.5	–	–
General office clerks	13.14	4.6	12.89	5.8	13.96	5.5
Data entry keyers	10.78	5.6	10.78	5.6	–	–
Teachers' aides	10.82	6.8	9.94	7.8	11.01	7.7
Administrative support, n.e.c.	14.00	4.7	13.86	6.1	14.43	5.4
Blue collar	15.24	2.5	15.07	2.8	16.71	2.7

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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	\$19.00	2.8	\$19.12	3.2	\$18.28	3.3
Supervisors, mechanics and repairers	17.78	14.7	17.69	16.0	—	—
Automobile mechanics	18.41	5.4	—	—	—	—
Bus, truck, and stationary engine mechanics	17.89	5.6	—	—	—	—
Industrial machinery repairers	18.44	4.0	18.44	4.0	—	—
Electronic repairers, communications and industrial equipment	23.03	2.8	23.03	2.8	—	—
Data processing equipment repairers	15.00	2.2	15.00	2.2	—	—
Heating, air conditioning, and refrigeration mechanics	21.97	2.4	—	—	—	—
Mechanics and repairers, n.e.c.	17.04	4.9	17.09	5.1	—	—
Electricians	19.03	8.5	19.56	9.9	—	—
Plumbers, pipefitters and steamfitters	25.96	8.9	—	—	—	—
Construction trades, n.e.c.	16.16	4.4	—	—	—	—
Supervisors, production	19.89	5.4	19.89	5.4	—	—
Electrical and electronic equipment assemblers ..	12.13	12.8	12.13	12.8	—	—
Inspectors, testers, and graders	20.54	14.3	20.54	14.3	—	—
Stationary engineers	16.67	6.3	—	—	—	—
Machine operators, assemblers, and inspectors	13.91	5.3	13.90	5.4	—	—
Grinding, abrading, buffing, and polishing machine operators	17.48	6.5	17.48	6.5	—	—
Textile sewing machine operators	7.96	8.9	7.91	9.0	—	—
Mixing and blending machine operators	17.68	8.6	17.68	8.6	—	—
Miscellaneous machine operators, n.e.c.	14.08	9.6	14.08	9.6	—	—
Assemblers	14.08	12.4	14.08	12.4	—	—
Production inspectors, checkers and examiners ..	15.13	6.8	15.13	6.8	—	—
Transportation and material moving	14.73	5.3	14.50	6.3	16.14	4.0
Truck drivers	16.09	6.8	15.99	7.3	—	—
Bus drivers	14.23	8.4	13.02	16.4	15.51	4.7
Taxicab drivers and chauffeurs	8.03	9.4	7.77	9.4	—	—
Motor transportation, n.e.c.	10.43	19.0	10.43	19.0	—	—
Excavating and loading machine operators	13.99	6.3	13.99	6.3	—	—
Industrial truck and tractor equipment operators ..	12.47	4.0	12.47	4.0	—	—
Handlers, equipment cleaners, helpers, and laborers	11.95	3.2	11.55	3.5	14.79	2.6
Groundskeepers and gardeners, except farm	11.91	10.1	10.47	10.1	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.63	8.1	19.38	8.3	—	—
Construction laborers	13.80	9.1	13.80	9.1	—	—
Production helpers	10.32	17.1	10.32	17.1	—	—
Stock handlers and baggers	10.43	7.0	10.42	7.0	—	—
Freight, stock, and material handlers, n.e.c.	13.59	9.1	13.59	9.1	—	—
Hand packers and packagers	10.14	5.9	10.14	5.9	—	—
Laborers, except construction, n.e.c.	11.54	7.7	10.81	9.9	14.94	3.3
Service	11.13	2.8	9.10	2.4	17.38	3.4
Protective service	16.74	5.3	9.72	6.5	20.20	3.4
Supervisors, police and detectives	24.97	6.2	—	—	25.47	6.2
Supervisors, guards	18.46	9.1	—	—	—	—
Police and detectives, public service	20.90	3.2	—	—	20.90	3.2
Correctional institution officers	18.50	11.5	—	—	19.89	10.5
Guards and police, except public service	9.89	5.1	9.54	4.0	—	—
Protective service, n.e.c.	8.08	16.5	8.08	16.5	—	—
Food service	7.71	4.3	7.39	4.4	11.52	6.0
Waiters, waitresses, and bartenders	4.65	10.0	4.65	10.0	—	—
Bartenders	5.44	30.3	5.44	30.3	—	—
Waiters and waitresses	4.16	11.6	4.16	11.6	—	—
Waiters/Waitresses' assistants	5.77	12.6	5.77	12.6	—	—
Other food service	9.16	3.9	8.86	4.0	11.52	6.0
Supervisors, food preparation and service	13.99	12.8	13.99	13.4	—	—

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)
Service —Continued						
Food service—Continued						
Other food service—Continued						
Cooks	\$10.61	3.8	\$10.52	3.8	—	—
Food counter, fountain, and related	7.69	10.6	7.54	11.5	—	—
Kitchen workers, food preparation	9.73	4.4	9.14	2.7	—	—
Food preparation, n.e.c.	8.15	6.2	7.52	4.9	\$11.81	9.1
Health service	10.44	3.9	9.62	1.9	14.99	13.0
Health aides, except nursing	10.19	4.7	9.76	3.3	—	—
Nursing aides, orderlies and attendants	10.45	4.8	9.50	2.0	15.10	14.3
Cleaning and building service	10.75	3.5	10.02	3.1	13.26	6.0
Supervisors, cleaning and building service workers	13.10	6.9	13.10	7.5	—	—
Maids and housemen	9.48	4.4	9.48	4.4	—	—
Janitors and cleaners	11.00	4.4	10.01	4.0	13.29	6.0
Personal service	10.52	5.2	10.49	5.5	10.84	13.4
Supervisors, personal service	21.67	6.0	21.67	6.0	—	—
Attendants, amusement, and recreation facilities	6.91	5.2	6.91	5.2	—	—
Welfare service aides	10.68	8.0	10.17	8.6	—	—
Early childhood teachers' assistants	7.90	7.1	7.90	7.1	—	—
Child care workers, n.e.c.	9.23	6.1	9.10	4.4	—	—
Service, n.e.c.	10.17	5.2	10.09	5.5	—	—

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$19.42	2.0	\$18.64	2.4	\$23.11	3.2
All excluding sales	19.49	2.1	18.68	2.4	23.18	3.2
White collar	22.98	2.4	22.15	2.7	27.10	4.2
White collar excluding sales	23.49	2.4	22.65	2.8	27.28	4.2
Professional specialty and technical	28.19	3.0	26.40	3.8	33.70	4.6
Professional specialty	30.44	3.3	28.69	4.3	34.58	4.5
Engineers, architects, and surveyors	31.48	3.4	31.88	3.5	—	—
Civil engineers	33.07	6.9	—	—	—	—
Electrical and electronic engineers	31.82	3.9	31.82	3.9	—	—
Mechanical engineers	27.59	12.0	27.57	13.3	—	—
Engineers, n.e.c.	29.07	4.6	28.93	4.8	—	—
Mathematical and computer scientists	33.72	10.7	33.72	10.7	—	—
Computer systems analysts and scientists	29.48	3.2	29.48	3.2	—	—
Natural scientists	34.97	5.3	35.36	5.5	—	—
Biological and life scientists	31.76	8.0	31.91	9.3	—	—
Health related	24.07	4.7	23.06	4.1	33.87	12.9
Physicians	25.33	21.2	25.23	22.7	—	—
Registered nurses	23.69	4.3	22.45	1.9	36.01	13.8
Pharmacists	27.42	5.9	—	—	—	—
Teachers, college and university	41.30	5.2	42.62	7.6	39.40	6.0
Other post-secondary teachers	39.52	5.6	—	—	39.81	5.7
Teachers, except college and university	34.34	4.6	19.02	6.1	37.62	4.2
Elementary school teachers	36.15	3.7	19.38	5.0	37.84	3.4
Secondary school teachers	41.25	4.2	—	—	42.06	3.9
Teachers, special education	33.29	6.6	24.47	11.5	35.19	7.0
Teachers, n.e.c.	25.08	14.2	16.92	9.0	30.05	3.8
Vocational and educational counselors	27.21	18.9	—	—	—	—
Librarians, archivists, and curators	33.90	10.8	—	—	—	—
Librarians	33.90	10.8	—	—	—	—
Social scientists and urban planners	32.46	10.0	29.09	14.3	—	—
Economists	34.85	13.1	34.85	13.1	—	—
Psychologists	33.16	14.1	—	—	—	—
Social, recreation, and religious workers	17.85	5.2	15.94	6.7	19.83	3.7
Social workers	17.76	6.2	15.48	6.4	20.51	3.9
Lawyers and judges	40.61	11.7	42.69	12.7	—	—
Lawyers	40.61	11.7	42.69	12.7	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.49	8.2	22.69	9.2	—	—
Public relations specialists	25.31	10.1	26.21	11.1	—	—
Professional, n.e.c.	25.09	15.3	—	—	—	—
Technical	20.36	3.6	20.40	3.8	19.74	9.4
Clinical laboratory technologists and technicians	13.88	7.5	13.88	7.5	—	—
Radiological technicians	20.10	2.7	20.10	2.7	—	—
Licensed practical nurses	16.42	2.3	16.45	2.5	—	—
Health technologists and technicians, n.e.c.	16.04	8.4	16.04	8.4	—	—
Electrical and electronic technicians	21.16	8.7	21.15	8.7	—	—
Engineering technicians, n.e.c.	19.66	6.8	20.63	9.5	—	—
Drafters	22.71	5.3	22.71	5.3	—	—
Chemical technicians	18.60	6.5	18.60	6.5	—	—
Science technicians, n.e.c.	18.27	7.7	18.24	7.9	—	—
Computer programmers	22.44	6.6	21.69	7.1	—	—
Technical and related, n.e.c.	22.75	8.7	23.18	8.8	—	—
Executive, administrative, and managerial	29.47	3.8	29.89	4.2	26.50	5.7
Executives, administrators, and managers	34.12	4.0	34.70	4.5	30.07	5.9
Administrators and officials, public administration	25.84	2.7	—	—	25.84	2.7
Financial managers	37.20	9.6	37.79	9.6	—	—
Personnel and labor relations managers	39.80	14.8	39.80	14.8	—	—
Purchasing managers	24.88	11.5	24.15	13.0	—	—
Managers, marketing, advertising, and public relations	35.87	9.9	35.84	10.0	—	—
Administrators, education and related fields	33.55	12.6	32.79	23.6	34.37	6.2
Managers, medicine and health	31.54	9.0	31.61	9.1	—	—

See footnotes at end of table.

Table 2-2. **Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)
White collar –Continued						
Executive, administrative, and managerial –Continued						
Executives, administrators, and managers –Continued						
Managers, food servicing and lodging establishments	\$23.33	9.5	\$22.32	7.9	–	–
Managers, service organizations, n.e.c.	31.33	16.3	33.15	18.7	–	–
Managers and administrators, n.e.c.	35.91	6.5	35.97	6.5	–	–
Management related	22.15	5.9	22.33	6.7	\$20.93	6.8
Accountants and auditors	19.49	4.9	19.11	6.1	–	–
Other financial officers	23.16	6.1	23.61	6.1	–	–
Management analysts	28.97	8.9	28.78	10.3	–	–
Personnel, training, and labor relations specialists	26.36	14.7	26.46	15.1	–	–
Purchasing agents and buyers, n.e.c.	19.67	11.3	19.67	11.3	–	–
Inspectors and compliance officers, except construction	18.14	7.4	–	–	–	–
Management related, n.e.c.	19.64	12.2	19.58	14.0	–	–
Sales	18.11	7.4	18.21	7.6	–	–
Supervisors, sales	26.84	10.5	26.84	10.5	–	–
Sales, other business services	27.74	26.0	27.74	26.0	–	–
Sales representatives, mining, manufacturing, and wholesale	21.20	15.9	21.20	15.9	–	–
Sales workers, other commodities	14.43	18.0	14.43	18.0	–	–
Cashiers	11.15	3.9	10.87	4.4	–	–
Sales support, n.e.c.	20.86	15.8	20.86	15.8	–	–
Administrative support, including clerical	14.03	1.6	13.97	1.8	14.39	3.3
Supervisors, general office	19.94	4.0	19.66	4.3	–	–
Supervisors, financial records processing	15.28	9.2	15.28	9.2	–	–
Computer operators	15.08	5.1	15.08	5.1	–	–
Secretaries	15.42	2.4	15.43	2.8	15.37	4.2
Typists	12.97	6.3	13.16	13.1	12.81	3.3
Hotel clerks	10.61	6.5	10.61	6.5	–	–
Receptionists	11.37	4.7	11.35	5.0	–	–
Information clerks, n.e.c.	13.21	5.4	13.13	5.6	–	–
Order clerks	15.70	7.6	15.70	7.6	–	–
Library clerks	12.23	7.4	10.75	1.9	–	–
Records clerks, n.e.c.	12.37	6.8	12.35	7.7	–	–
Bookkeepers, accounting and auditing clerks	12.92	3.2	12.76	3.5	14.36	4.1
Payroll and timekeeping clerks	14.49	3.8	14.49	3.8	–	–
Billing clerks	11.88	4.2	11.88	4.2	–	–
Telephone operators	13.52	10.7	13.61	11.2	–	–
Mail clerks, except postal service	10.95	7.6	–	–	–	–
Dispatchers	12.63	10.9	–	–	–	–
Traffic, shipping and receiving clerks	12.42	13.7	12.42	13.7	–	–
Stock and inventory clerks	12.73	7.9	12.73	7.9	–	–
Insurance adjusters, examiners, and investigators	16.13	9.8	15.86	9.7	–	–
Investigators and adjusters, except insurance	13.94	6.8	13.30	5.4	–	–
Bill and account collectors	12.10	5.9	12.10	5.9	–	–
General office clerks	13.62	4.7	13.48	6.2	14.00	5.6
Data entry keyers	11.23	5.8	11.23	5.8	–	–
Teachers' aides	10.99	7.9	10.10	8.3	11.34	10.5
Administrative support, n.e.c.	14.38	4.7	14.36	6.3	14.45	5.4
Blue collar	15.52	2.5	15.35	2.8	16.91	2.7
Precision production, craft, and repair	19.07	2.8	19.20	3.2	18.29	3.3
Supervisors, mechanics and repairers	17.78	14.7	17.69	16.0	–	–
Automobile mechanics	18.41	5.4	–	–	–	–
Bus, truck, and stationary engine mechanics	17.89	5.6	–	–	–	–

See footnotes at end of table.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Industrial machinery repairers	\$18.44	4.0	\$18.44	4.0	—	—
Electronic repairers, communications and industrial equipment	22.77	3.0	22.77	3.0	—	—
Data processing equipment repairers	15.00	2.2	15.00	2.2	—	—
Heating, air conditioning, and refrigeration mechanics	21.97	2.4	—	—	—	—
Mechanics and repairers, n.e.c.	17.52	4.1	17.59	4.2	—	—
Electricians	19.03	8.5	19.56	9.9	—	—
Plumbers, pipefitters and steamfitters	25.96	8.9	—	—	—	—
Construction trades, n.e.c.	16.16	4.4	—	—	—	—
Supervisors, production	19.89	5.4	19.89	5.4	—	—
Electrical and electronic equipment assemblers ..	12.13	12.8	12.13	12.8	—	—
Inspectors, testers, and graders	20.54	14.3	20.54	14.3	—	—
Stationary engineers	16.67	6.3	—	—	—	—
Machine operators, assemblers, and inspectors	13.93	5.4	13.91	5.4	—	—
Grinding, abrading, buffing, and polishing machine operators	17.48	6.5	17.48	6.5	—	—
Textile sewing machine operators	7.96	8.9	7.91	9.0	—	—
Mixing and blending machine operators	17.68	8.6	17.68	8.6	—	—
Miscellaneous machine operators, n.e.c.	14.08	9.6	14.08	9.6	—	—
Assemblers	14.09	12.4	14.09	12.4	—	—
Production inspectors, checkers and examiners ..	15.13	6.8	15.13	6.8	—	—
Transportation and material moving	15.31	4.7	15.08	5.6	\$16.67	3.4
Truck drivers	16.13	6.9	16.03	7.3	—	—
Bus drivers	15.86	6.2	—	—	—	—
Motor transportation, n.e.c.	10.77	20.9	10.77	20.9	—	—
Excavating and loading machine operators	13.99	6.3	13.99	6.3	—	—
Industrial truck and tractor equipment operators ..	12.47	4.0	12.47	4.0	—	—
Handlers, equipment cleaners, helpers, and laborers	12.23	3.4	11.84	3.7	14.89	2.5
Groundskeepers and gardeners, except farm	12.10	10.6	10.62	11.1	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.63	8.1	19.38	8.3	—	—
Construction laborers	13.80	9.1	13.80	9.1	—	—
Production helpers	10.32	17.1	10.32	17.1	—	—
Stock handlers and baggers	11.38	8.5	11.38	8.5	—	—
Freight, stock, and material handlers, n.e.c.	13.87	9.2	13.87	9.2	—	—
Hand packers and packagers	10.07	5.9	10.07	5.9	—	—
Laborers, except construction, n.e.c.	11.84	7.6	11.06	9.9	—	—
Service	12.09	3.0	9.72	2.7	17.99	3.6
Protective service	17.33	5.2	9.99	7.4	20.52	3.4
Supervisors, police and detectives	24.97	6.2	—	—	25.47	6.2
Supervisors, guards	18.46	9.1	—	—	—	—
Police and detectives, public service	20.90	3.2	—	—	20.90	3.2
Correctional institution officers	18.50	11.5	—	—	19.89	10.5
Guards and police, except public service	10.11	5.1	9.71	4.0	—	—
Food service	8.52	5.3	8.16	5.4	12.18	6.1
Waiters, waitresses, and bartenders	5.04	11.5	5.04	11.5	—	—
Waiters and waitresses	4.21	13.1	4.21	13.1	—	—
Waiters'/Waitresses' assistants	6.60	11.4	6.60	11.4	—	—
Other food service	10.03	3.4	9.72	3.4	12.18	6.1
Supervisors, food preparation and service	14.66	12.8	14.69	13.5	—	—
Cooks	10.87	3.8	10.77	3.8	—	—
Food counter, fountain, and related	9.11	2.9	9.14	3.2	—	—
Kitchen workers, food preparation	10.11	5.6	9.26	3.5	—	—
Food preparation, n.e.c.	8.83	7.0	8.07	4.7	12.76	8.2
Health service	10.86	4.6	9.85	2.2	15.14	13.1

See footnotes at end of table.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)
Service —Continued						
Health service—Continued						
Health aides, except nursing	\$10.64	5.7	\$10.11	4.0	—	—
Nursing aides, orderlies and attendants	10.86	5.6	9.69	2.1	\$15.19	14.4
Cleaning and building service	11.20	3.1	10.45	2.4	13.42	5.8
Supervisors, cleaning and building service workers	13.55	6.5	13.60	7.1	—	—
Maids and housemen	9.55	4.5	9.55	4.5	—	—
Janitors and cleaners	11.59	3.6	10.62	2.5	13.46	5.9
Personal service	11.13	6.1	11.00	6.3	—	—
Supervisors, personal service	21.67	6.0	21.67	6.0	—	—
Attendants, amusement, and recreation facilities	7.23	5.5	7.23	5.5	—	—
Welfare service aides	10.50	8.3	9.85	7.3	—	—
Early childhood teachers' assistants	8.26	8.9	8.26	8.9	—	—
Child care workers, n.e.c.	9.69	7.1	9.15	5.0	—	—
Service, n.e.c.	11.05	5.4	10.99	5.7	—	—

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-3. Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$10.37	2.8	\$10.31	3.0	\$10.93	5.9
All excluding sales	10.90	3.2	10.90	3.6	10.95	5.9
White collar	12.68	3.9	12.76	4.3	12.01	8.1
White collar excluding sales	15.02	4.1	15.58	4.7	12.07	8.2
Professional specialty and technical	20.00	3.2	20.81	2.3	14.62	16.5
Professional specialty	21.46	3.8	22.54	2.5	15.30	18.2
Engineers, architects, and surveyors	—	—	—	—	—	—
Health related	22.41	2.0	22.42	2.0	—	—
Registered nurses	22.35	2.1	22.36	2.1	—	—
Teachers, college and university	25.28	3.6	25.76	4.5	23.04	9.2
Art, drama, and music teachers	22.65	5.3	—	—	—	—
Other post-secondary teachers	27.27	4.6	—	—	—	—
Teachers, except college and university	13.27	21.8	12.66	15.7	13.46	28.1
Teachers, n.e.c.	18.13	8.1	18.05	8.3	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	17.97	9.3	—	—	—	—
Social workers	17.97	9.3	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	15.01	3.3	15.41	2.8	—	—
Clinical laboratory technologists and technicians	16.46	9.2	16.46	9.2	—	—
Licensed practical nurses	15.69	2.8	15.70	2.8	—	—
Executive, administrative, and managerial	21.95	13.9	24.48	9.4	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	7.74	4.4	7.74	4.4	—	—
Sales workers, other commodities	8.05	7.4	8.05	7.4	—	—
Cashiers	7.48	4.1	7.48	4.2	—	—
Administrative support, including clerical	9.83	3.3	9.61	3.3	10.78	7.1
Secretaries	12.49	5.2	12.40	5.4	—	—
Receptionists	8.34	13.9	8.33	14.4	—	—
Information clerks, n.e.c.	8.68	5.3	—	—	—	—
Library clerks	10.81	7.6	—	—	—	—
Telephone operators	11.47	5.9	—	—	—	—
General office clerks	9.79	7.4	9.79	7.5	—	—
Data entry keyers	8.91	4.7	8.91	4.7	—	—
Teachers' aides	10.59	9.9	—	—	10.67	9.9
Administrative support, n.e.c.	11.54	3.5	11.56	3.5	—	—
Blue collar	9.76	4.9	9.67	5.3	—	—
Precision production, craft, and repair	13.13	17.9	13.16	18.2	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.07	7.4	9.88	8.5	—	—
Bus drivers	11.07	4.1	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	8.58	7.4	8.62	7.4	—	—
Stock handlers and baggers	7.84	9.9	7.84	9.9	—	—
Laborers, except construction, n.e.c.	7.31	8.4	—	—	—	—
Service	7.33	3.8	7.18	4.1	8.95	6.5
Protective service	8.64	6.8	8.11	3.9	—	—
Guards and police, except public service	8.58	5.0	8.57	5.0	—	—
Food service	6.16	7.8	5.95	8.5	9.59	5.1
Waiters, waitresses, and bartenders	3.99	12.8	3.99	12.8	—	—
Waiters and waitresses	4.09	16.9	4.09	16.9	—	—
Other food service	7.35	7.2	7.13	7.7	9.59	5.1
Food counter, fountain, and related	6.59	12.5	—	—	—	—

See footnotes at end of table.

Table 2-3. Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)
Service —Continued						
Food service—Continued						
Other food service—Continued						
Kitchen workers, food preparation	\$9.00	4.2	\$9.00	4.2	—	—
Food preparation, n.e.c.	7.08	8.5	6.67	8.7	—	—
Health service	8.93	2.7	8.92	2.7	—	—
Health aides, except nursing	8.71	4.2	8.72	4.3	—	—
Nursing aides, orderlies and attendants	8.98	3.1	8.97	3.2	—	—
Cleaning and building service	7.76	6.5	7.75	6.8	—	—
Janitors and cleaners	7.41	6.7	7.38	7.1	—	—
Personal service	7.95	6.2	8.02	7.0	—	—
Attendants, amusement, and recreation facilities	5.16	5.3	5.16	5.3	—	—
Early childhood teachers' assistants	7.31	5.8	7.31	5.8	—	—
Child care workers, n.e.c.	7.43	9.5	8.75	9.3	—	—
Service, n.e.c.	7.94	5.3	7.94	5.3	—	—

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

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$758	2.0	39.1	\$734	2.4	39.4	\$868	3.2	37.6
All excluding sales	760	2.1	39.0	735	2.4	39.3	870	3.2	37.6
White collar	894	2.4	38.9	874	2.7	39.4	990	4.2	36.5
White collar excluding sales	911	2.4	38.8	891	2.8	39.4	995	4.2	36.5
Professional specialty and technical	1,085	3.1	38.5	1,039	3.9	39.3	1,218	4.5	36.1
Professional specialty	1,168	3.3	38.4	1,132	4.5	39.5	1,245	4.4	36.0
Engineers, architects, and surveyors	1,248	3.6	39.6	1,270	3.5	39.8	-	-	-
Civil engineers	1,304	8.2	39.4	-	-	-	-	-	-
Electrical and electronic engineers	1,273	3.9	40.0	1,273	3.9	40.0	-	-	-
Mechanical engineers	1,104	12.0	40.0	1,103	13.3	40.0	-	-	-
Engineers, n.e.c.	1,145	4.8	39.4	1,142	5.0	39.5	-	-	-
Mathematical and computer scientists	1,348	11.6	40.0	1,348	11.6	40.0	-	-	-
Computer systems analysts and scientists	1,166	3.2	39.5	1,166	3.2	39.5	-	-	-
Natural scientists	1,374	5.5	39.3	1,397	5.6	39.5	-	-	-
Biological and life scientists	1,202	8.2	37.8	1,225	9.2	38.4	-	-	-
Health related	951	3.9	39.5	916	3.5	39.7	1,266	9.9	37.4
Physicians	1,115	17.7	44.0	1,099	18.9	43.6	-	-	-
Registered nurses	917	3.9	38.7	877	2.0	39.0	1,288	12.8	35.8
Pharmacists	1,087	6.2	39.6	-	-	-	-	-	-
Teachers, college and university Other post-secondary teachers	1,472	4.8	35.6	1,508	7.0	35.4	1,419	5.5	36.0
Teachers, except college and university	1,458	4.9	36.9	-	-	-	1,467	5.9	36.9
Elementary school teachers ...	1,236	4.7	36.0	723	5.7	38.0	1,339	4.4	35.6
Secondary school teachers ...	1,294	4.0	35.8	721	4.8	37.2	1,349	3.8	35.7
Teachers, special education ...	1,488	3.6	36.1	-	-	-	1,519	3.2	36.1
Teachers, n.e.c.	1,162	6.5	34.9	872	8.7	35.6	1,223	7.1	34.8
Vocational and educational counselors	926	10.9	36.9	680	9.6	40.2	1,058	3.5	35.2
Librarians, archivists, and curators	1,020	17.9	37.5	-	-	-	-	-	-
Librarians	1,204	9.5	35.5	-	-	-	-	-	-
Social scientists and urban planners	1,249	9.1	38.5	1,148	13.4	39.5	-	-	-
Economists	1,367	11.7	39.2	1,367	11.7	39.2	-	-	-
Psychologists	1,239	12.9	37.4	-	-	-	-	-	-
Social, recreation, and religious workers	686	4.7	38.4	624	6.5	39.1	747	3.4	37.7
Social workers	679	5.6	38.2	610	6.5	39.4	758	4.2	36.9
Lawyers and judges	1,652	9.4	40.7	1,768	9.2	41.4	-	-	-
Lawyers	1,652	9.4	40.7	1,768	9.2	41.4	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	860	8.5	38.2	877	9.5	38.7	-	-	-
Public relations specialists	930	9.7	36.8	973	10.2	37.1	-	-	-
Professional, n.e.c.	961	16.8	38.3	-	-	-	-	-	-
Technical	794	3.4	39.0	797	3.5	39.1	759	10.6	38.5
Clinical laboratory technologists and technicians	553	7.4	39.9	553	7.4	39.9	-	-	-
Radiological technicians	789	2.8	39.3	789	2.8	39.3	-	-	-
Licensed practical nurses	642	1.8	39.1	644	1.9	39.1	-	-	-
Health technologists and technicians, n.e.c.	629	8.4	39.2	629	8.4	39.2	-	-	-

See footnotes at end of table.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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									
Professional specialty and technical —Continued									
Technical —Continued									
Electrical and electronic technicians	\$844	8.6	39.9	\$843	8.7	39.9	—	—	—
Engineering technicians, n.e.c.	767	7.7	39.0	825	9.5	40.0	—	—	—
Drafters	908	5.3	40.0	908	5.3	40.0	—	—	—
Chemical technicians	733	7.6	39.4	733	7.6	39.4	—	—	—
Science technicians, n.e.c.	702	7.7	38.4	703	7.9	38.5	—	—	—
Computer programmers	872	7.0	38.8	838	7.3	38.6	—	—	—
Technical and related, n.e.c. ...	889	8.6	39.1	907	8.6	39.1	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	1,164	3.5	39.5	1,188	3.8	39.7	\$1,004	5.8	37.9
Administrators and officials, public administration	1,341	3.9	39.3	1,370	4.3	39.5	1,145	6.2	38.1
Financial managers	966	2.8	37.4	—	—	—	966	2.8	37.4
Personnel and labor relations managers	1,466	8.6	39.4	1,488	8.5	39.4	—	—	—
Purchasing managers	1,638	15.6	41.1	1,638	15.6	41.1	—	—	—
Managers, marketing, advertising, and public relations	987	11.7	39.7	966	13.0	40.0	—	—	—
Administrators, education and related fields	1,401	9.5	39.1	1,400	9.6	39.1	—	—	—
Managers, medicine and health	1,275	12.6	38.0	1,227	23.4	37.4	1,328	6.2	38.6
Managers, food servicing and lodging establishments	1,245	8.9	39.5	1,247	9.1	39.5	—	—	—
Managers, service organizations, n.e.c.	921	9.4	39.5	905	7.4	40.5	—	—	—
Managers and administrators, n.e.c.	1,238	16.5	39.5	1,326	18.7	40.0	—	—	—
Management related	1,427	6.2	39.7	1,430	6.3	39.8	—	—	—
Accountants and auditors	881	5.0	39.8	896	5.7	40.1	787	6.0	37.6
Other financial officers	758	5.0	38.9	750	6.2	39.2	—	—	—
Management analysts	899	5.0	38.8	914	5.0	38.7	—	—	—
Personnel, training, and labor relations specialists	1,157	6.9	39.9	1,175	7.8	40.8	—	—	—
Purchasing agents and buyers, n.e.c.	1,043	14.7	39.6	1,052	15.1	39.7	—	—	—
Inspectors and compliance officers, except construction	769	11.3	39.1	769	11.3	39.1	—	—	—
Management related, n.e.c.	683	7.8	37.7	—	—	—	—	—	—
	808	8.1	41.2	817	9.4	41.7	—	—	—
Sales									
Supervisors, sales	725	8.0	40.0	729	8.1	40.1	—	—	—
Sales, other business services	1,149	8.8	42.8	1,149	8.8	42.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	1,119	26.6	40.3	1,119	26.6	40.3	—	—	—
Sales workers, other commodities	848	15.9	40.0	848	15.9	40.0	—	—	—
Cashiers	559	19.0	38.7	559	19.0	38.7	—	—	—
Sales support, n.e.c.	439	4.4	39.4	429	4.9	39.5	—	—	—
	834	15.8	40.0	834	15.8	40.0	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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									
Administrative support, including									
clerical	\$543	1.7	38.7	\$547	1.9	39.1	\$524	3.6	36.4
Supervisors, general office	767	3.8	38.5	765	4.3	38.9	—	—	—
Supervisors, financial records processing	598	10.3	39.2	598	10.3	39.2	—	—	—
Computer operators	587	4.5	38.9	587	4.5	38.9	—	—	—
Secretaries	593	2.6	38.4	598	3.0	38.8	571	4.1	37.2
Typists	489	6.8	37.7	514	14.0	39.0	471	2.5	36.7
Hotel clerks	419	6.9	39.5	419	6.9	39.5	—	—	—
Receptionists	448	4.8	39.4	449	5.2	39.5	—	—	—
Information clerks, n.e.c.	523	5.8	39.6	520	6.0	39.6	—	—	—
Order clerks	624	7.8	39.8	624	7.8	39.8	—	—	—
Library clerks	443	6.2	36.2	399	2.3	37.2	—	—	—
Records clerks, n.e.c.	478	6.4	38.6	478	7.3	38.7	—	—	—
Bookkeepers, accounting and auditing clerks	500	3.3	38.7	498	3.6	39.0	517	6.0	36.0
Payroll and timekeeping clerks	576	3.8	39.8	576	3.8	39.8	—	—	—
Billing clerks	475	4.2	40.0	475	4.2	40.0	—	—	—
Telephone operators	522	13.0	38.6	526	13.6	38.6	—	—	—
Mail clerks, except postal service	413	7.9	37.8	—	—	—	—	—	—
Dispatchers	505	10.9	40.0	—	—	—	—	—	—
Traffic, shipping and receiving clerks	504	14.2	40.6	504	14.2	40.6	—	—	—
Stock and inventory clerks	503	8.3	39.5	503	8.3	39.5	—	—	—
Insurance adjusters, examiners, and investigators	623	9.3	38.6	612	9.3	38.6	—	—	—
Investigators and adjusters, except insurance	558	6.8	40.0	532	5.4	40.0	—	—	—
Bill and account collectors	472	4.4	39.0	472	4.4	39.0	—	—	—
General office clerks	522	4.8	38.4	531	6.3	39.4	500	4.9	35.7
Data entry keyers	430	7.3	38.3	430	7.3	38.3	—	—	—
Teachers' aides	388	7.5	35.3	373	4.5	36.9	394	10.3	34.7
Administrative support, n.e.c.	538	5.3	37.4	554	6.8	38.6	501	4.8	34.7
Blue collar	619	2.5	39.9	613	2.8	39.9	666	2.7	39.4
Precision production, craft, and repair									
Supervisors, mechanics and repairers	762	2.8	40.0	769	3.2	40.0	727	3.2	39.7
Automobile mechanics	722	15.9	40.6	719	17.5	40.7	—	—	—
Bus, truck, and stationary engine mechanics	723	4.0	39.3	—	—	—	—	—	—
Industrial machinery repairers	716	5.6	40.0	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment	738	4.0	40.0	738	4.0	40.0	—	—	—
Data processing equipment repairers	911	3.0	40.0	911	3.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	601	2.3	40.1	601	2.3	40.1	—	—	—
Mechanics and repairers, n.e.c.	877	2.4	39.9	—	—	—	—	—	—
Electricians	699	4.1	39.9	704	4.2	40.0	—	—	—
Plumbers, pipefitters and steamfitters	761	8.5	40.0	783	9.9	40.0	—	—	—
Construction trades, n.e.c.	1,038	8.9	40.0	—	—	—	—	—	—
Supervisors, production	640	4.8	39.6	—	—	—	—	—	—
	779	6.0	39.2	779	6.0	39.2	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Electrical and electronic equipment assemblers	\$485	12.8	40.0	\$485	12.8	40.0	—	—	—
Inspectors, testers, and graders	822	14.3	40.0	822	14.3	40.0	—	—	—
Stationary engineers	667	6.3	40.0	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	553	5.4	39.7	553	5.4	39.7	—	—	—
Grinding, abrading, buffing, and polishing machine operators	699	6.5	40.0	699	6.5	40.0	—	—	—
Textile sewing machine operators	302	6.4	37.9	300	6.5	37.9	—	—	—
Mixing and blending machine operators	707	8.6	40.0	707	8.6	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	562	9.6	40.0	562	9.6	40.0	—	—	—
Assemblers	563	12.4	40.0	563	12.4	40.0	—	—	—
Production inspectors, checkers and examiners ...	603	6.9	39.8	603	6.9	39.8	—	—	—
Transportation and material moving	613	4.9	40.1	606	5.8	40.2	\$655	3.8	39.3
Truck drivers	653	6.8	40.5	650	7.2	40.5	—	—	—
Bus drivers	629	6.4	39.6	—	—	—	—	—	—
Motor transportation, n.e.c.	403	24.3	37.4	403	24.3	37.4	—	—	—
Excavating and loading machine operators	559	6.3	40.0	559	6.3	40.0	—	—	—
Industrial truck and tractor equipment operators	499	4.0	40.0	499	4.0	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	486	3.4	39.7	472	3.7	39.9	580	2.7	39.0
Groundskeepers and gardeners, except farm	470	9.3	38.8	425	11.1	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	712	8.1	40.4	790	7.6	40.8	—	—	—
Construction laborers	545	9.7	39.5	545	9.7	39.5	—	—	—
Production helpers	411	17.0	39.8	411	17.0	39.8	—	—	—
Stock handlers and baggers ...	451	8.4	39.6	451	8.4	39.6	—	—	—
Freight, stock, and material handlers, n.e.c.	555	9.2	40.0	555	9.2	40.0	—	—	—
Hand packers and packagers	403	5.9	40.0	403	5.9	40.0	—	—	—
Laborers, except construction, n.e.c.	471	7.8	39.8	439	10.2	39.7	—	—	—
Service	465	3.3	38.5	372	3.1	38.3	701	3.9	38.9
Protective service	681	5.4	39.3	395	7.4	39.5	805	4.1	39.2
Supervisors, police and detectives	999	6.2	40.0	—	—	—	1,019	6.2	40.0
Supervisors, guards	732	9.7	39.6	—	—	—	—	—	—
Police and detectives, public service	844	3.5	40.4	—	—	—	844	3.5	40.4
Correctional institution officers	740	11.5	40.0	—	—	—	796	10.5	40.0
Guards and police, except public service	397	5.3	39.3	381	4.3	39.3	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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 —Continued									
Food service	\$319	6.3	37.5	\$307	6.7	37.6	\$443	6.3	36.3
Waiters, waitresses, and bartenders	180	12.2	35.8	180	12.2	35.8	—	—	—
Waiters and waitresses	153	14.3	36.4	153	14.3	36.4	—	—	—
Waiters'/Waitresses' assistants	252	13.6	38.2	252	13.6	38.2	—	—	—
Other food service	385	3.9	38.3	376	4.2	38.6	443	6.3	36.3
Supervisors, food preparation and service	581	12.9	39.7	582	13.6	39.6	—	—	—
Cooks	424	4.0	39.0	420	4.1	39.0	—	—	—
Food counter, fountain, and related	350	5.0	38.5	366	3.2	40.0	—	—	—
Kitchen workers, food preparation	395	6.2	39.0	357	3.5	38.6	—	—	—
Food preparation, n.e.c.	329	7.2	37.2	304	6.6	37.7	447	4.7	35.0
Health service	420	5.0	38.7	381	3.1	38.7	589	13.3	38.9
Health aides, except nursing ..	417	5.1	39.1	400	4.3	39.6	—	—	—
Nursing aides, orderlies and attendants	419	6.2	38.6	372	3.4	38.4	597	14.7	39.3
Cleaning and building service	440	3.4	39.2	408	2.9	39.0	535	5.9	39.9
Supervisors, cleaning and building service workers ...	528	5.0	39.0	531	5.4	39.1	—	—	—
Maids and housemen	376	5.0	39.3	376	5.0	39.4	—	—	—
Janitors and cleaners	454	4.0	39.2	413	3.4	38.9	537	5.9	39.9
Personal service	416	5.5	37.4	413	5.7	37.6	—	—	—
Supervisors, personal service	867	6.0	40.0	867	6.0	40.0	—	—	—
Attendants, amusement, and recreation facilities	289	5.5	40.0	289	5.5	40.0	—	—	—
Welfare service aides	402	7.4	38.3	384	7.5	39.0	—	—	—
Early childhood teachers' assistants	327	8.6	39.6	327	8.6	39.6	—	—	—
Child care workers, n.e.c.	375	5.6	38.7	364	5.3	39.7	—	—	—
Service, n.e.c.	431	7.0	39.0	427	7.4	38.9	—	—	—

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$38,490	2.0	1,982	\$37,956	2.4	2,036	\$40,704	3.2	1,761
All excluding sales	38,541	2.1	1,977	37,964	2.4	2,033	40,790	3.2	1,760
White collar	44,821	2.4	1,951	45,014	2.7	2,032	44,050	4.2	1,625
White collar excluding sales	45,530	2.4	1,938	45,893	2.8	2,027	44,224	4.2	1,621
Professional specialty and technical	52,140	3.1	1,850	53,085	3.9	2,011	49,998	4.5	1,484
Professional specialty	54,978	3.3	1,806	57,592	4.5	2,007	50,483	4.4	1,460
Engineers, architects, and surveyors	64,892	3.6	2,061	66,034	3.5	2,071	-	-	-
Civil engineers	67,784	8.2	2,050	-	-	-	-	-	-
Electrical and electronic engineers	66,191	3.9	2,080	66,191	3.9	2,080	-	-	-
Mechanical engineers	57,394	12.0	2,080	57,354	13.3	2,080	-	-	-
Engineers, n.e.c.	59,559	4.8	2,049	59,406	5.0	2,054	-	-	-
Mathematical and computer scientists	70,116	11.6	2,079	70,116	11.6	2,079	-	-	-
Computer systems analysts and scientists	60,612	3.2	2,056	60,612	3.2	2,056	-	-	-
Natural scientists	71,449	5.5	2,043	72,657	5.6	2,055	-	-	-
Biological and life scientists	62,502	8.2	1,968	63,725	9.2	1,997	-	-	-
Health related	48,378	3.9	2,010	47,612	3.5	2,065	54,100	9.9	1,597
Physicians	57,996	17.7	2,290	57,162	18.9	2,266	-	-	-
Registered nurses	46,528	3.9	1,964	45,568	2.0	2,029	53,572	12.8	1,488
Pharmacists	56,521	6.2	2,062	-	-	-	-	-	-
Teachers, college and university Other post-secondary teachers	56,827	4.8	1,376	58,110	7.0	1,364	54,945	5.5	1,394
Teachers, except college and university	56,755	4.9	1,436	-	-	-	57,614	5.9	1,447
Elementary school teachers ...	48,536	4.7	1,413	33,040	5.7	1,737	51,130	4.4	1,359
Secondary school teachers ...	49,547	4.0	1,371	29,352	4.8	1,514	51,378	3.8	1,358
Teachers, special education ...	55,943	3.6	1,356	-	-	-	57,035	3.2	1,356
Teachers, n.e.c.	46,079	6.5	1,384	36,473	8.7	1,490	47,969	7.1	1,363
Vocational and educational counselors	38,363	10.9	1,530	34,142	9.6	2,018	40,061	3.5	1,333
Librarians, archivists, and curators	47,492	17.9	1,745	-	-	-	-	-	-
Librarians	48,274	9.5	1,424	-	-	-	-	-	-
Social scientists and urban planners	48,274	9.5	1,424	-	-	-	-	-	-
Economists	60,129	9.1	1,853	59,717	13.4	2,053	-	-	-
Psychologists	71,100	11.7	2,040	71,100	11.7	2,040	-	-	-
Social, recreation, and religious workers	54,619	12.9	1,647	-	-	-	-	-	-
Social workers	35,649	4.7	1,997	32,438	6.5	2,035	38,843	3.4	1,959
Lawyers and judges	35,309	5.6	1,989	31,704	6.5	2,049	39,399	4.2	1,921
Lawyers	85,917	9.4	2,116	91,916	9.2	2,153	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	85,917	9.4	2,116	91,916	9.2	2,153	-	-	-
Public relations specialists	43,771	8.5	1,946	44,543	9.5	1,963	-	-	-
Professional, n.e.c.	48,364	9.7	1,911	50,618	10.2	1,931	-	-	-
Technical	49,965	16.8	1,991	-	-	-	-	-	-
Clinical laboratory technologists and technicians	41,114	3.4	2,020	41,230	3.5	2,021	39,480	10.6	2,000
Radiological technicians	28,766	7.4	2,073	28,766	7.4	2,073	-	-	-
Licensed practical nurses	41,047	2.8	2,043	41,047	2.8	2,043	-	-	-
Health technologists and technicians, n.e.c.	33,409	1.8	2,035	33,476	1.9	2,035	-	-	-
	32,710	8.4	2,040	32,710	8.4	2,040	-	-	-

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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									
Professional specialty and technical –Continued									
Technical –Continued									
Electrical and electronic technicians	\$43,866	8.6	2,073	\$43,857	8.7	2,073	–	–	–
Engineering technicians, n.e.c.	37,189	7.7	1,892	38,317	9.5	1,857	–	–	–
Drafters	47,235	5.3	2,080	47,235	5.3	2,080	–	–	–
Chemical technicians	38,102	7.6	2,048	38,102	7.6	2,048	–	–	–
Science technicians, n.e.c.	36,517	7.7	1,999	36,536	7.9	2,003	–	–	–
Computer programmers	45,338	7.0	2,020	43,586	7.3	2,010	–	–	–
Technical and related, n.e.c. ...	46,212	8.6	2,032	47,169	8.6	2,035	–	–	–
Executive, administrative, and managerial	60,338	3.5	2,048	61,681	3.8	2,063	\$51,551	5.8	1,945
Executives, administrators, and managers	69,402	3.9	2,034	71,085	4.3	2,049	58,307	6.2	1,939
Administrators and officials, public administration	50,248	2.8	1,945	–	–	–	50,248	2.8	1,945
Financial managers	76,218	8.6	2,049	77,368	8.5	2,047	–	–	–
Personnel and labor relations managers	85,151	15.6	2,140	85,151	15.6	2,140	–	–	–
Purchasing managers	51,344	11.7	2,064	50,228	13.0	2,080	–	–	–
Managers, marketing, advertising, and public relations	72,870	9.5	2,032	72,810	9.6	2,031	–	–	–
Administrators, education and related fields	64,869	12.6	1,933	61,816	23.4	1,885	68,340	6.2	1,988
Managers, medicine and health	64,731	8.9	2,052	64,846	9.1	2,052	–	–	–
Managers, food servicing and lodging establishments	45,567	9.4	1,953	47,053	7.4	2,108	–	–	–
Managers, service organizations, n.e.c.	64,392	16.5	2,055	68,950	18.7	2,080	–	–	–
Managers and administrators, n.e.c.	74,198	6.2	2,066	74,371	6.3	2,068	–	–	–
Management related	45,824	5.0	2,069	46,582	5.7	2,087	40,927	6.0	1,955
Accountants and auditors	39,413	5.0	2,022	38,983	6.2	2,040	–	–	–
Other financial officers	46,743	5.0	2,018	47,528	5.0	2,013	–	–	–
Management analysts	60,173	6.9	2,077	61,096	7.8	2,122	–	–	–
Personnel, training, and labor relations specialists	54,260	14.7	2,058	54,691	15.1	2,067	–	–	–
Purchasing agents and buyers, n.e.c.	40,009	11.3	2,034	40,009	11.3	2,034	–	–	–
Inspectors and compliance officers, except construction	35,530	7.8	1,959	–	–	–	–	–	–
Management related, n.e.c.	42,019	8.1	2,140	42,482	9.4	2,169	–	–	–
Sales	37,608	8.0	2,076	37,847	8.1	2,078	–	–	–
Supervisors, sales	59,733	8.8	2,226	59,733	8.8	2,226	–	–	–
Sales, other business services	58,187	26.6	2,098	58,187	26.6	2,098	–	–	–
Sales representatives, mining, manufacturing, and wholesale	44,105	15.9	2,080	44,105	15.9	2,080	–	–	–
Sales workers, other commodities	29,049	19.0	2,013	29,049	19.0	2,013	–	–	–
Cashiers	22,848	4.4	2,049	22,327	4.9	2,053	–	–	–
Sales support, n.e.c.	43,380	15.8	2,080	43,380	15.8	2,080	–	–	–

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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									
Administrative support, including									
clerical	\$27,846	1.7	1,985	\$28,213	1.9	2,020	\$25,873	3.6	1,798
Supervisors, general office	39,903	3.8	2,001	39,768	4.3	2,023	—	—	—
Supervisors, financial records processing	31,109	10.3	2,036	31,109	10.3	2,036	—	—	—
Computer operators	30,517	4.5	2,024	30,517	4.5	2,024	—	—	—
Secretaries	30,365	2.6	1,969	30,859	3.0	2,000	28,438	4.1	1,851
Typists	24,924	6.8	1,922	25,481	14.0	1,936	24,473	2.5	1,911
Hotel clerks	21,801	6.9	2,056	21,801	6.9	2,056	—	—	—
Receptionists	22,858	4.8	2,011	22,904	5.2	2,017	—	—	—
Information clerks, n.e.c.	26,616	5.8	2,015	26,441	6.0	2,013	—	—	—
Order clerks	32,452	7.8	2,067	32,452	7.8	2,067	—	—	—
Library clerks	23,043	6.2	1,884	20,766	2.3	1,932	—	—	—
Records clerks, n.e.c.	24,833	6.4	2,007	24,868	7.3	2,013	—	—	—
Bookkeepers, accounting and auditing clerks	25,682	3.3	1,988	25,538	3.6	2,002	26,875	6.0	1,872
Payroll and timekeeping clerks	29,957	3.8	2,067	29,957	3.8	2,067	—	—	—
Billing clerks	24,702	4.2	2,080	24,702	4.2	2,080	—	—	—
Telephone operators	27,138	13.0	2,007	27,336	13.6	2,009	—	—	—
Mail clerks, except postal service	21,490	7.9	1,963	—	—	—	—	—	—
Dispatchers	26,266	10.9	2,080	—	—	—	—	—	—
Traffic, shipping and receiving clerks	26,237	14.2	2,112	26,237	14.2	2,112	—	—	—
Stock and inventory clerks	25,592	8.3	2,011	25,592	8.3	2,011	—	—	—
Insurance adjusters, examiners, and investigators	32,394	9.3	2,008	31,814	9.3	2,006	—	—	—
Investigators and adjusters, except insurance	28,999	6.8	2,080	27,668	5.4	2,080	—	—	—
Bill and account collectors	24,523	4.4	2,027	24,523	4.4	2,027	—	—	—
General office clerks	27,167	4.8	1,995	27,637	6.3	2,050	26,002	4.9	1,858
Data entry keyers	21,544	7.3	1,919	21,544	7.3	1,919	—	—	—
Teachers' aides	15,071	7.5	1,371	16,928	4.5	1,676	14,509	10.3	1,279
Administrative support, n.e.c.	27,973	5.3	1,945	28,807	6.8	2,006	26,039	4.8	1,803
Blue collar	32,092	2.5	2,068	31,811	2.8	2,072	34,385	2.7	2,033
Precision production, craft, and repair									
Supervisors, mechanics and repairers	39,648	2.8	2,079	39,968	3.2	2,081	37,791	3.2	2,066
Automobile mechanics	37,547	15.9	2,112	37,407	17.5	2,115	—	—	—
Bus, truck, and stationary engine mechanics	37,585	4.0	2,041	—	—	—	—	—	—
Industrial machinery repairers	37,209	5.6	2,080	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment	38,364	4.0	2,080	38,364	4.0	2,080	—	—	—
Data processing equipment repairers	47,354	3.0	2,080	47,354	3.0	2,080	—	—	—
Heating, air conditioning, and refrigeration mechanics	31,270	2.3	2,085	31,270	2.3	2,085	—	—	—
Mechanics and repairers, n.e.c.	45,623	2.4	2,077	—	—	—	—	—	—
Electricians	36,354	4.1	2,075	36,594	4.2	2,080	—	—	—
Plumbers, pipefitters and steamfitters	39,585	8.5	2,080	40,693	9.9	2,080	—	—	—
Construction trades, n.e.c.	53,999	8.9	2,080	—	—	—	—	—	—
Supervisors, production	33,270	4.8	2,059	—	—	—	—	—	—
	40,501	6.0	2,037	40,501	6.0	2,037	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Electrical and electronic equipment assemblers	\$25,220	12.8	2,080	\$25,220	12.8	2,080	—	—	—
Inspectors, testers, and graders	42,754	14.3	2,081	42,754	14.3	2,081	—	—	—
Stationary engineers	34,664	6.3	2,080	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	28,768	5.4	2,066	28,749	5.4	2,066	—	—	—
Grinding, abrading, buffing, and polishing machine operators	36,349	6.5	2,080	36,349	6.5	2,080	—	—	—
Textile sewing machine operators	15,713	6.4	1,973	15,614	6.5	1,973	—	—	—
Mixing and blending machine operators	36,780	8.6	2,080	36,780	8.6	2,080	—	—	—
Miscellaneous machine operators, n.e.c.	29,250	9.6	2,078	29,250	9.6	2,078	—	—	—
Assemblers	29,310	12.4	2,081	29,310	12.4	2,081	—	—	—
Production inspectors, checkers and examiners ...	31,337	6.9	2,071	31,337	6.9	2,071	—	—	—
Transportation and material moving	31,698	4.9	2,071	31,442	5.8	2,084	\$33,194	3.8	1,991
Truck drivers	33,862	6.8	2,100	33,703	7.2	2,103	—	—	—
Bus drivers	31,847	6.4	2,008	—	—	—	—	—	—
Motor transportation, n.e.c.	20,979	24.3	1,947	20,979	24.3	1,947	—	—	—
Excavating and loading machine operators	29,090	6.3	2,080	29,090	6.3	2,080	—	—	—
Industrial truck and tractor equipment operators	25,939	4.0	2,080	25,939	4.0	2,080	—	—	—
Handlers, equipment cleaners, helpers, and laborers	25,076	3.4	2,050	24,308	3.7	2,054	30,148	2.7	2,025
Groundskeepers and gardeners, except farm	23,269	9.3	1,923	20,544	11.1	1,934	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	37,011	8.1	2,099	41,062	7.6	2,119	—	—	—
Construction laborers	26,428	9.7	1,916	26,428	9.7	1,916	—	—	—
Production helpers	21,362	17.0	2,070	21,362	17.0	2,070	—	—	—
Stock handlers and baggers ...	23,418	8.4	2,058	23,428	8.4	2,059	—	—	—
Freight, stock, and material handlers, n.e.c.	28,855	9.2	2,080	28,855	9.2	2,080	—	—	—
Hand packers and packagers	20,943	5.9	2,080	20,943	5.9	2,080	—	—	—
Laborers, except construction, n.e.c.	24,480	7.8	2,068	22,847	10.2	2,065	—	—	—
Service	23,973	3.3	1,984	19,332	3.1	1,990	35,425	3.9	1,969
Protective service	35,152	5.4	2,029	20,542	7.4	2,056	41,383	4.1	2,017
Supervisors, police and detectives	51,939	6.2	2,080	—	—	—	52,988	6.2	2,080
Supervisors, guards	38,048	9.7	2,061	—	—	—	—	—	—
Police and detectives, public service	43,865	3.5	2,099	—	—	—	43,865	3.5	2,099
Correctional institution officers	38,483	11.5	2,080	—	—	—	41,376	10.5	2,080
Guards and police, except public service	20,663	5.3	2,043	19,818	4.3	2,041	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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 —Continued									
Food service	\$16,324	6.3	1,917	\$15,933	6.7	1,952	\$19,687	6.3	1,616
Waiters, waitresses, and bartenders	9,344	12.2	1,852	9,344	12.2	1,852	—	—	—
Waiters and waitresses	7,971	14.3	1,894	7,971	14.3	1,894	—	—	—
Waiters/Waitresses' assistants	12,854	13.6	1,946	12,854	13.6	1,946	—	—	—
Other food service	19,528	3.9	1,947	19,500	4.2	2,006	19,687	6.3	1,616
Supervisors, food preparation and service	30,234	12.9	2,062	30,275	13.6	2,061	—	—	—
Cooks	22,068	4.0	2,030	21,852	4.1	2,029	—	—	—
Food counter, fountain, and related	17,046	5.0	1,870	19,016	3.2	2,080	—	—	—
Kitchen workers, food preparation	20,524	6.2	2,030	18,566	3.5	2,006	—	—	—
Food preparation, n.e.c.	16,367	7.2	1,854	15,754	6.6	1,951	18,776	4.7	1,471
Health service	21,757	5.0	2,004	19,814	3.1	2,011	29,927	13.3	1,976
Health aides, except nursing ..	21,135	5.1	1,986	20,805	4.3	2,057	—	—	—
Nursing aides, orderlies and attendants	21,784	6.2	2,006	19,331	3.4	1,996	31,046	14.7	2,043
Cleaning and building service	22,745	3.4	2,031	21,224	2.9	2,030	27,256	5.9	2,031
Supervisors, cleaning and building service workers ...	27,478	5.0	2,028	27,624	5.4	2,031	—	—	—
Maids and housemen	19,536	5.0	2,046	19,553	5.0	2,047	—	—	—
Janitors and cleaners	23,470	4.0	2,026	21,480	3.4	2,022	27,350	5.9	2,033
Personal service	21,509	5.5	1,933	21,460	5.7	1,951	—	—	—
Supervisors, personal service	45,076	6.0	2,080	45,076	6.0	2,080	—	—	—
Attendants, amusement, and recreation facilities	15,040	5.5	2,080	15,040	5.5	2,080	—	—	—
Welfare service aides	20,926	7.4	1,993	19,958	7.5	2,026	—	—	—
Early childhood teachers' assistants	16,662	8.6	2,016	16,662	8.6	2,016	—	—	—
Child care workers, n.e.c.	18,847	5.6	1,945	18,902	5.3	2,067	—	—	—
Service, n.e.c.	22,386	7.0	2,026	22,225	7.4	2,023	—	—	—

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$18.51	2.0	\$17.74	2.3	\$22.40	3.3
All excluding sales	18.72	2.0	17.93	2.4	22.47	3.4
White collar	22.07	2.4	21.27	2.7	26.21	4.4
1	8.36	6.2	8.41	6.5	—	—
2	9.44	5.9	9.38	6.3	10.41	7.3
3	10.69	2.5	10.45	2.7	12.36	4.8
4	13.12	3.3	12.99	3.8	13.86	2.7
5	15.21	2.2	15.22	2.4	15.15	4.8
6	17.28	2.6	17.26	2.8	17.40	6.9
7	19.20	1.8	19.51	1.9	17.72	5.1
8	23.62	5.8	20.86	2.3	32.55	8.7
9	27.71	3.8	24.63	2.3	35.93	5.7
10	30.48	3.6	29.83	4.4	32.06	6.0
11	31.75	4.1	31.25	4.9	33.96	5.1
12	35.94	2.9	35.77	3.0	38.82	7.9
13	50.13	4.7	50.13	4.7	—	—
14	61.89	6.8	62.33	6.9	—	—
Not able to be leveled	23.71	8.4	24.23	9.9	21.53	13.9
White collar excluding sales	22.92	2.4	22.15	2.7	26.38	4.4
1	8.59	8.1	8.69	8.6	—	—
2	10.52	5.2	10.53	5.6	10.41	7.3
3	10.99	2.5	10.78	2.7	12.08	5.4
4	13.02	1.9	12.85	2.1	13.86	2.7
5	15.23	2.3	15.24	2.6	15.15	4.8
6	17.04	2.4	16.99	2.6	17.40	6.9
7	18.95	1.8	19.24	1.9	17.72	5.1
8	23.60	5.9	20.75	2.2	32.55	8.7
9	27.63	4.0	24.16	1.9	35.93	5.7
10	30.77	3.5	30.23	4.3	32.06	6.0
11	31.88	4.2	31.39	5.0	33.96	5.1
12	35.94	2.9	35.77	3.0	38.82	7.9
13	50.13	4.7	50.13	4.7	—	—
14	62.74	7.2	63.23	7.3	—	—
Not able to be leveled	21.30	6.4	21.23	7.2	21.53	13.9
Professional specialty and technical	27.57	2.9	25.92	3.6	32.91	4.9
Professional specialty	29.77	3.2	28.14	4.1	33.82	4.8
5	14.19	6.8	14.30	7.1	—	—
6	19.34	5.2	18.63	7.8	20.67	3.8
7	18.80	3.4	19.69	3.1	15.78	10.4
8	26.27	8.0	21.26	2.6	34.95	7.7
9	29.73	4.9	24.60	2.3	37.34	5.3
10	31.33	3.7	30.71	4.7	32.06	6.0
11	31.54	7.4	30.54	8.2	39.20	7.3
12	36.33	4.5	36.01	4.7	40.75	12.9
13	48.34	7.6	48.30	7.7	—	—
14	59.24	11.3	59.24	11.4	—	—
Not able to be leveled	21.38	11.7	21.03	16.9	21.94	13.1
Engineers, architects, and surveyors	31.46	3.4	31.86	3.4	—	—
9	27.24	3.7	27.80	4.1	—	—
11	33.43	2.1	33.82	1.9	—	—
12	37.32	4.9	37.32	4.9	—	—
Civil engineers	33.07	6.9	—	—	—	—
Electrical and electronic engineers	31.82	3.9	31.82	3.9	—	—
9	26.62	4.5	26.62	4.5	—	—
Mechanical engineers	27.60	11.4	27.58	12.6	—	—
Engineers, n.e.c.	29.07	4.6	28.93	4.8	—	—
Mathematical and computer scientists	33.72	10.7	33.72	10.7	—	—
8	24.12	8.8	24.12	8.8	—	—
9	27.39	5.3	27.39	5.3	—	—
10	35.37	9.0	35.37	9.0	—	—
11	34.48	7.2	34.48	7.2	—	—
12	33.78	6.6	33.78	6.6	—	—
Computer systems analysts and scientists	29.48	3.2	29.48	3.2	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Mathematical and computer scientists —Continued						
Computer systems analysts and scientists —Continued						
9	\$26.89	5.9	\$26.89	5.9	—	—
11	31.70	2.8	31.70	2.8	—	—
12	33.39	7.0	33.39	7.0	—	—
Natural scientists	34.97	5.3	35.36	5.5	—	—
12	34.18	11.1	—	—	—	—
Biological and life scientists	31.76	8.0	31.91	9.3	—	—
Health related	23.73	3.8	22.92	3.2	\$33.76	12.9
6	23.77	2.6	24.18	2.4	—	—
7	19.43	2.6	19.43	2.6	—	—
8	21.45	3.2	20.75	1.5	—	—
9	24.35	4.5	23.01	1.5	37.26	13.0
11	21.71	19.5	21.52	19.7	—	—
Physicians	25.33	21.2	25.23	22.7	—	—
Registered nurses	23.35	3.4	22.43	1.6	35.81	13.9
6	24.18	2.4	24.18	2.4	—	—
7	20.20	2.1	20.22	2.1	—	—
8	21.89	3.8	21.03	1.3	—	—
9	24.30	5.4	23.02	1.6	—	—
Pharmacists	27.10	5.0	27.25	5.0	—	—
Respiratory therapists	21.15	5.1	21.15	5.1	—	—
Teachers, college and university	38.68	4.8	39.01	6.8	38.13	5.5
9	28.70	6.3	—	—	28.92	7.2
11	35.29	8.3	—	—	39.18	6.9
12	46.89	7.6	—	—	48.77	7.7
Art, drama, and music teachers	26.64	6.7	26.71	6.6	—	—
Other post-secondary teachers	38.15	5.2	—	—	38.48	5.6
9	28.66	8.7	—	—	—	—
11	33.94	8.4	—	—	36.94	5.9
Teachers, except college and university	33.54	5.0	18.70	6.4	36.77	4.7
5	11.89	15.8	12.03	17.9	—	—
6	20.27	8.8	18.52	6.3	—	—
7	17.60	17.0	21.55	13.4	—	—
8	36.17	6.1	20.55	2.2	38.17	4.2
9	37.76	5.0	21.53	11.7	38.89	4.8
Elementary school teachers	36.09	3.7	19.00	4.9	37.85	3.3
8	36.91	1.8	—	—	36.91	1.8
9	36.81	4.9	19.64	5.0	38.24	4.5
Secondary school teachers	41.21	4.2	—	—	42.02	3.9
9	42.23	4.5	—	—	43.21	4.0
Teachers, special education	32.43	6.7	24.47	11.5	34.07	7.1
9	34.02	9.1	—	—	34.16	9.1
Teachers, n.e.c.	24.91	14.2	16.99	8.7	30.04	3.8
7	16.78	9.5	—	—	—	—
8	22.12	7.8	—	—	—	—
Vocational and educational counselors	26.77	18.5	—	—	36.08	16.2
Librarians, archivists, and curators	33.90	10.8	—	—	—	—
Librarians	33.90	10.8	—	—	—	—
Social scientists and urban planners	32.20	9.8	28.92	13.7	—	—
9	31.68	9.2	27.99	7.3	—	—
Economists	34.85	13.1	34.85	13.1	—	—
Psychologists	32.54	13.5	19.49	11.3	—	—
Social, recreation, and religious workers	17.86	5.0	16.13	6.3	19.79	3.7
7	17.41	3.1	—	—	17.35	5.2
9	19.07	6.7	18.23	7.2	—	—
Social workers	17.77	5.9	15.74	6.1	20.46	3.9
7	17.12	2.7	—	—	—	—
9	18.30	6.5	16.89	4.7	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Lawyers and judges	\$40.61	11.7	\$42.69	12.7	—	—
Lawyers	40.61	11.7	42.69	12.7	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.43	7.8	23.05	8.8	\$19.14	6.7
7	19.41	7.2	—	—	—	—
Not able to be leveled	17.56	14.3	18.00	17.4	—	—
Public relations specialists	25.31	10.1	26.21	11.1	—	—
Professional, n.e.c.	25.09	15.3	—	—	—	—
Technical	19.95	3.4	20.02	3.6	18.96	9.8
3	12.02	5.1	—	—	—	—
4	13.08	3.5	13.10	3.6	—	—
5	16.93	6.5	16.94	6.5	—	—
6	17.44	4.2	17.49	4.3	—	—
7	20.41	3.8	20.92	3.9	—	—
8	20.59	5.2	20.63	5.2	—	—
9	24.20	4.3	23.85	4.7	—	—
Clinical laboratory technologists and technicians	14.35	7.2	14.35	7.2	—	—
Radiological technicians	19.56	2.7	19.56	2.7	—	—
Licensed practical nurses	16.23	2.1	16.23	2.3	16.15	2.7
5	16.05	4.1	16.05	4.2	—	—
6	15.94	1.8	15.88	2.0	—	—
7	16.98	5.2	17.29	5.2	—	—
Health technologists and technicians, n.e.c.	15.66	8.1	15.79	8.1	—	—
4	11.48	5.1	11.70	4.8	—	—
6	13.84	2.9	13.84	2.9	—	—
Electrical and electronic technicians	21.16	8.7	21.15	8.7	—	—
7	21.37	6.0	—	—	—	—
Engineering technicians, n.e.c.	19.66	6.8	20.63	9.5	—	—
Drafters	22.71	5.3	22.71	5.3	—	—
Chemical technicians	18.60	6.5	18.60	6.5	—	—
Science technicians, n.e.c.	18.27	7.7	18.24	7.9	—	—
Computer programmers	22.16	6.5	21.39	6.9	—	—
9	25.10	6.5	24.43	8.9	—	—
Technical and related, n.e.c.	22.32	8.9	23.12	8.8	—	—
7	25.05	16.4	—	—	—	—
Executive, administrative, and managerial	29.39	3.8	29.84	4.2	26.29	5.7
5	15.95	7.1	15.49	8.9	—	—
6	16.27	5.0	16.54	5.3	—	—
7	18.93	3.9	18.46	4.2	20.11	8.2
8	20.10	3.5	19.87	3.7	21.47	7.6
9	23.77	3.2	23.84	3.4	23.02	6.1
10	29.19	7.9	29.19	7.9	—	—
11	31.56	4.2	31.03	5.2	33.14	6.0
12	35.58	3.8	35.56	3.9	—	—
13	51.72	5.8	51.72	5.8	—	—
14	66.31	9.0	67.42	9.0	—	—
Not able to be leveled	33.46	17.9	—	—	—	—
Executives, administrators, and managers	34.01	4.0	34.63	4.4	29.68	6.0
7	21.03	6.1	19.92	6.9	—	—
8	19.97	4.6	19.63	4.6	—	—
9	24.00	5.0	23.95	5.4	24.52	6.5
10	32.99	8.1	32.99	8.1	—	—
11	32.57	4.8	32.06	6.0	34.03	6.3
12	35.94	4.2	35.95	4.4	—	—
13	51.91	6.9	51.91	6.9	—	—
14	67.77	8.9	69.00	8.9	—	—
Administrators and officials, public administration	25.84	2.7	—	—	25.84	2.7
Financial managers	37.14	9.5	37.72	9.4	—	—
Personnel and labor relations managers	39.80	14.8	39.80	14.8	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Executive, administrative, and managerial —Continued						
Executives, administrators, and managers —Continued						
Purchasing managers	\$24.88	11.5	\$24.15	13.0	—	—
Managers, marketing, advertising, and public relations	35.87	9.9	35.84	10.0	—	—
11	33.70	12.6	33.70	12.6	—	—
Administrators, education and related fields	33.55	12.6	32.79	23.6	\$34.37	6.2
11	35.96	5.0	—	—	36.45	5.0
Managers, medicine and health	31.15	8.7	31.21	8.8	—	—
9	25.12	6.3	25.22	6.5	—	—
11	29.58	7.4	29.37	7.6	—	—
Managers, food servicing and lodging establishments	23.33	9.5	22.32	7.9	—	—
Managers, service organizations, n.e.c.	31.33	16.3	33.15	18.7	—	—
Managers and administrators, n.e.c.	35.91	6.5	35.97	6.5	—	—
8	20.00	7.5	20.00	7.5	—	—
9	22.70	9.4	22.70	9.4	—	—
10	33.83	8.4	33.83	8.4	—	—
11	33.12	12.5	33.42	12.9	—	—
12	36.29	6.0	36.29	6.0	—	—
13	49.44	8.4	49.44	8.4	—	—
14	69.11	14.4	69.11	14.4	—	—
Management related	22.15	5.9	22.32	6.6	20.93	6.8
5	16.07	8.3	15.53	10.9	—	—
6	15.39	3.3	15.63	3.4	—	—
7	17.60	3.6	17.55	4.4	—	—
8	20.22	4.8	20.07	5.2	—	—
9	23.55	4.1	23.73	4.4	—	—
10	23.33	5.9	23.33	5.9	—	—
11	27.53	5.7	27.16	6.9	—	—
12	33.40	4.2	33.40	4.2	—	—
Accountants and auditors	19.57	4.8	19.22	6.0	—	—
9	21.23	8.7	20.53	10.6	—	—
Other financial officers	22.96	5.8	23.35	5.8	—	—
Management analysts	28.97	8.9	28.78	10.3	—	—
Personnel, training, and labor relations specialists	26.36	14.7	26.46	15.1	—	—
Purchasing agents and buyers, n.e.c.	19.67	11.3	19.67	11.3	—	—
Inspectors and compliance officers, except construction	18.14	7.4	—	—	—	—
Management related, n.e.c.	19.66	12.1	19.61	13.8	—	—
7	17.96	6.0	18.83	5.5	—	—
8	21.61	5.9	—	—	—	—
9	25.09	5.6	25.09	5.6	—	—
11	28.56	4.7	—	—	—	—
Sales	15.55	7.5	15.59	7.7	13.41	10.2
1	8.11	9.7	8.13	10.0	—	—
2	6.77	2.2	6.77	2.2	—	—
3	10.12	5.1	9.90	5.3	—	—
4	13.83	21.7	13.83	21.7	—	—
5	15.13	6.4	15.13	6.4	—	—
6	21.34	18.1	21.34	18.1	—	—
7	22.31	6.8	22.31	6.8	—	—
8	24.18	14.0	24.18	14.0	—	—
9	28.70	12.2	28.70	12.2	—	—
Supervisors, sales	26.81	10.5	26.81	10.5	—	—
9	29.48	4.0	29.48	4.0	—	—
Advertising and related sales	17.12	12.4	17.12	12.4	—	—
Sales, other business services	27.74	26.0	27.74	26.0	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Sales —Continued						
Sales representatives, mining, manufacturing, and wholesale	\$21.20	15.9	\$21.20	15.9	—	—
Sales workers, apparel						
3	7.45	4.1	7.45	4.1	—	—
Sales workers, other commodities	11.50	14.0	11.50	14.0	—	—
3	9.88	4.7	9.88	4.7	—	—
5	14.49	10.6	14.49	10.6	—	—
Sales counter clerks	8.96	10.2	8.96	10.2	—	—
Cashiers	10.06	4.5	9.80	4.9	\$13.41	10.2
1	8.78	9.5	—	—	—	—
2	6.75	4.5	6.75	4.5	—	—
3	10.56	4.5	10.20	5.0	—	—
4	12.10	11.5	12.10	11.5	—	—
Sales support, n.e.c.	20.86	15.8	20.86	15.8	—	—
Administrative support, including clerical	13.64	1.6	13.58	1.8	13.96	3.0
1	8.59	8.1	8.69	8.6	—	—
2	10.52	5.2	10.53	5.6	10.41	7.3
3	10.96	2.6	10.73	2.8	12.17	5.4
4	13.18	1.6	13.02	1.9	13.88	2.7
5	14.89	2.2	14.89	2.3	14.89	6.1
6	16.22	3.4	16.38	3.5	14.97	10.5
7	18.08	2.7	18.08	3.0	18.06	6.7
8	21.48	5.9	21.48	5.9	—	—
9	20.81	9.1	20.81	9.1	—	—
Supervisors, general office	19.94	4.0	19.66	4.3	—	—
Supervisors, financial records processing	15.28	9.2	15.28	9.2	—	—
Computer operators	15.07	5.0	15.07	5.0	—	—
4	15.64	5.6	15.64	5.6	—	—
Secretaries	15.35	2.4	15.35	2.8	15.35	4.1
3	11.94	8.0	10.70	7.4	—	—
4	13.42	3.8	12.51	2.4	15.75	7.5
5	15.50	2.6	15.57	2.8	15.05	6.4
6	17.04	6.2	17.76	5.1	—	—
7	17.72	3.4	17.72	3.8	—	—
Typists	12.88	6.3	12.96	12.8	12.81	3.3
4	13.31	2.4	—	—	—	—
Interviewers	9.26	14.8	9.26	14.8	—	—
Hotel clerks	10.61	6.5	10.61	6.5	—	—
3	10.32	5.4	10.32	5.4	—	—
Receptionists	10.96	4.8	10.93	5.1	—	—
2	11.18	8.3	11.04	10.3	—	—
3	11.19	6.7	11.20	6.7	—	—
4	11.79	6.3	11.89	6.3	—	—
Information clerks, n.e.c.	12.80	5.5	12.72	5.8	—	—
4	13.28	5.9	—	—	—	—
Order clerks	15.14	7.2	15.14	7.2	—	—
2	9.51	6.6	9.51	6.6	—	—
4	14.27	10.4	14.27	10.4	—	—
7	20.70	5.9	20.70	5.9	—	—
Library clerks	11.75	6.0	10.21	4.1	12.69	6.2
4	12.43	8.9	—	—	—	—
File clerks	9.36	5.4	9.47	5.5	—	—
Records clerks, n.e.c.	12.05	7.1	11.99	8.0	—	—
4	11.93	6.5	11.95	6.7	—	—
Bookkeepers, accounting and auditing clerks	12.91	3.2	12.75	3.5	14.36	4.1
3	11.20	3.7	11.20	3.7	—	—
4	12.95	4.9	12.82	5.9	—	—
5	14.70	6.2	—	—	—	—
Payroll and timekeeping clerks	14.49	3.8	14.49	3.8	—	—
Billing clerks	11.88	4.2	11.88	4.2	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Billing clerks —Continued						
4	\$12.64	3.3	\$12.64	3.3	—	—
Duplicating machine operators	9.53	3.1	9.53	3.1	—	—
Telephone operators	13.21	9.9	13.29	10.7	—	—
Mail clerks, except postal service	10.70	7.0	10.09	5.9	—	—
3	10.63	8.8	9.79	7.6	—	—
Dispatchers	12.51	10.5	—	—	—	—
Traffic, shipping and receiving clerks	12.33	13.4	12.33	13.4	—	—
Stock and inventory clerks	12.47	8.0	12.47	8.1	—	—
3	15.37	11.4	15.40	11.5	—	—
4	11.80	6.1	11.80	6.1	—	—
Insurance adjusters, examiners, and investigators	16.13	9.8	15.86	9.7	—	—
Investigators and adjusters, except insurance	13.94	6.6	13.31	5.2	—	—
4	12.79	4.6	12.79	4.6	—	—
Bill and account collectors	11.77	5.5	11.77	5.5	—	—
4	12.00	6.9	12.00	6.9	—	—
General office clerks	13.14	4.6	12.89	5.8	\$13.96	5.5
2	9.35	6.7	—	—	—	—
3	10.10	5.7	9.55	3.6	—	—
4	13.22	4.2	13.28	5.6	13.06	2.3
5	17.64	3.6	—	—	—	—
7	19.26	8.0	—	—	—	—
Data entry keyers	10.78	5.6	10.78	5.6	—	—
2	9.80	7.6	9.80	7.6	—	—
Teachers' aides	10.82	6.8	9.94	7.8	11.01	7.7
2	9.11	5.6	—	—	—	—
4	12.60	4.4	—	—	12.84	4.7
5	10.97	6.3	—	—	—	—
Administrative support, n.e.c.	14.00	4.7	13.86	6.1	14.43	5.4
4	13.50	4.5	13.21	5.8	—	—
7	15.95	4.6	15.63	5.6	—	—
Blue collar	15.24	2.5	15.07	2.8	16.71	2.7
1	9.25	5.2	9.11	5.3	—	—
2	9.99	4.0	9.91	4.0	—	—
3	11.99	5.9	11.90	6.2	—	—
4	15.78	3.9	16.04	4.4	14.43	2.5
5	17.06	3.9	17.00	4.5	17.48	2.2
6	16.97	2.9	16.76	3.1	18.49	5.7
7	20.03	2.3	20.38	2.6	18.30	3.8
9	22.38	13.2	22.38	13.9	—	—
Precision production, craft, and repair	19.00	2.8	19.12	3.2	18.28	3.3
4	12.54	3.2	12.54	3.2	—	—
5	18.00	8.4	18.07	8.7	—	—
6	17.31	2.9	16.86	2.9	—	—
7	20.34	2.6	20.84	2.9	18.22	3.8
9	22.44	13.8	22.45	14.6	—	—
Supervisors, mechanics and repairers	17.78	14.7	17.69	16.0	—	—
Automobile mechanics	18.41	5.4	—	—	—	—
Bus, truck, and stationary engine mechanics	17.89	5.6	—	—	—	—
7	18.01	6.4	—	—	—	—
Industrial machinery repairers	18.44	4.0	18.44	4.0	—	—
Electronic repairers, communications and industrial equipment	23.03	2.8	23.03	2.8	—	—
7	23.63	2.7	23.63	2.7	—	—
Data processing equipment repairers	15.00	2.2	15.00	2.2	—	—
Heating, air conditioning, and refrigeration mechanics	21.97	2.4	—	—	—	—
Mechanics and repairers, n.e.c.	17.04	4.9	17.09	5.1	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Precision production, craft, and repair —Continued						
Mechanics and repairers, n.e.c. —Continued						
6	\$17.01	6.7	\$17.05	7.2	—	—
7	18.19	6.2	18.19	6.2	—	—
Electricians	19.03	8.5	19.56	9.9	—	—
7	19.29	10.5	20.11	12.8	—	—
Plumbers, pipefitters and steamfitters	25.96	8.9	—	—	—	—
Construction trades, n.e.c.	16.16	4.4	—	—	—	—
Supervisors, production	19.89	5.4	19.89	5.4	—	—
Electrical and electronic equipment assemblers ..	12.13	12.8	12.13	12.8	—	—
Inspectors, testers, and graders	20.54	14.3	20.54	14.3	—	—
Stationary engineers	16.67	6.3	—	—	—	—
Machine operators, assemblers, and inspectors						
2	13.91	5.3	13.90	5.4	—	—
3	10.64	5.5	10.64	5.5	—	—
4	11.60	10.9	11.60	10.9	—	—
5	16.19	5.8	16.21	5.9	—	—
6	15.71	6.5	15.71	6.5	—	—
7	17.73	5.6	17.70	5.7	—	—
Grinding, abrading, buffing, and polishing machine operators	18.46	5.5	18.45	5.6	—	—
Textile sewing machine operators	17.48	6.5	17.48	6.5	—	—
Mixing and blending machine operators	7.96	8.9	7.91	9.0	—	—
Miscellaneous machine operators, n.e.c.	17.68	8.6	17.68	8.6	—	—
4	14.08	9.6	14.08	9.6	—	—
5	14.27	13.0	14.27	13.0	—	—
Assemblers	14.40	6.3	14.40	6.3	—	—
Production inspectors, checkers and examiners ..	14.08	12.4	14.08	12.4	—	—
15.13	6.8	15.13	6.8	—	—	
Transportation and material moving						
1	14.73	5.3	14.50	6.3	\$16.14	4.0
2	7.73	8.5	7.73	8.5	—	—
3	8.57	7.6	8.50	7.8	—	—
4	11.53	5.9	11.78	8.3	—	—
5	16.90	5.3	17.22	5.5	—	—
6	17.18	3.4	16.84	4.9	—	—
Truck drivers	15.89	3.9	—	—	—	—
4	16.09	6.8	15.99	7.3	—	—
5	18.03	3.9	18.10	3.8	—	—
Bus drivers	16.73	2.9	16.36	3.1	—	—
Taxicab drivers and chauffeurs	14.23	8.4	13.02	16.4	15.51	4.7
Motor transportation, n.e.c.	8.03	9.4	7.77	9.4	—	—
2	10.43	19.0	10.43	19.0	—	—
Excavating and loading machine operators	7.40	6.3	7.40	6.3	—	—
Industrial truck and tractor equipment operators ..	13.99	6.3	13.99	6.3	—	—
12.47	4.0	12.47	4.0	—	—	
Handlers, equipment cleaners, helpers, and laborers						
1	11.95	3.2	11.55	3.5	14.79	2.6
2	9.51	5.5	9.36	5.6	—	—
3	10.65	6.9	10.45	6.8	—	—
4	12.18	7.1	12.01	7.3	—	—
5	14.42	2.9	14.39	5.2	14.44	2.7
6	16.05	5.5	16.23	7.1	—	—
Groundskeepers and gardeners, except farm	17.01	10.8	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	11.91	10.1	10.47	10.1	—	—
Construction laborers	17.63	8.1	19.38	8.3	—	—
Production helpers	13.80	9.1	13.80	9.1	—	—
Stock handlers and baggers	10.32	17.1	10.32	17.1	—	—
1	10.43	7.0	10.42	7.0	—	—
8.21	15.1	8.21	15.1	—	—	

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Stock handlers and baggers —Continued						
3	\$9.85	10.0	\$9.85	10.0	—	—
Freight, stock, and material handlers, n.e.c.	13.59	9.1	13.59	9.1	—	—
Hand packers and packagers	10.14	5.9	10.14	5.9	—	—
Laborers, except construction, n.e.c.	11.54	7.7	10.81	9.9	\$14.94	3.3
1	9.15	10.1	9.19	10.1	—	—
2	11.39	11.7	11.39	11.7	—	—
Service	11.13	2.8	9.10	2.4	17.38	3.4
1	7.56	5.2	7.32	5.3	10.27	6.7
2	8.31	4.0	7.86	3.1	11.97	7.6
3	9.02	4.1	8.46	3.7	12.30	7.6
4	11.13	3.9	10.43	3.6	14.27	5.2
5	12.50	4.2	11.48	3.0	14.33	5.4
6	16.95	4.4	13.62	5.5	18.55	4.0
7	19.59	8.0	15.05	8.6	21.95	7.6
8	21.74	2.7	22.08	4.5	21.52	3.3
9	25.26	2.4	—	—	25.26	2.4
Protective service	16.74	5.3	9.72	6.5	20.20	3.4
1	7.61	15.9	—	—	—	—
2	9.40	8.5	8.50	6.6	—	—
3	9.13	4.9	9.10	4.9	—	—
4	12.46	12.9	9.93	1.8	—	—
5	13.75	6.1	11.26	3.9	—	—
6	18.36	4.0	—	—	18.55	4.1
7	21.03	3.9	—	—	21.31	4.0
8	21.50	3.1	—	—	21.62	3.3
9	25.40	2.3	—	—	25.40	2.3
Supervisors, police and detectives	24.97	6.2	—	—	25.47	6.2
Supervisors, guards	18.46	9.1	—	—	—	—
Police and detectives, public service	20.90	3.2	—	—	20.90	3.2
6	18.84	2.2	—	—	18.84	2.2
Correctional institution officers	18.50	11.5	—	—	19.89	10.5
Guards and police, except public service	9.89	5.1	9.54	4.0	—	—
2	8.66	8.4	8.66	8.4	—	—
3	9.36	5.9	9.34	5.9	—	—
4	9.51	2.1	9.51	2.1	—	—
Protective service, n.e.c.	8.08	16.5	8.08	16.5	—	—
Food service	7.71	4.3	7.39	4.4	11.52	6.0
1	6.21	6.0	6.17	6.0	—	—
2	6.47	5.9	6.23	6.1	9.44	6.8
3	7.44	7.9	7.13	9.0	10.14	4.6
4	10.34	8.8	9.63	9.7	—	—
5	11.77	8.6	11.77	8.6	—	—
Waiters, waitresses, and bartenders	4.65	10.0	4.65	10.0	—	—
1	4.22	12.0	4.22	12.0	—	—
2	5.53	9.2	5.53	9.2	—	—
3	4.55	21.8	4.55	21.8	—	—
Bartenders	5.44	30.3	5.44	30.3	—	—
Waiters and waitresses	4.16	11.6	4.16	11.6	—	—
1	3.47	15.0	3.47	15.0	—	—
2	5.14	9.9	5.14	9.9	—	—
3	4.09	23.3	4.09	23.3	—	—
Waiters'/Waitresses' assistants	5.77	12.6	5.77	12.6	—	—
1	5.62	10.9	5.62	10.9	—	—
Other food service	9.16	3.9	8.86	4.0	11.52	6.0
1	7.19	6.1	7.15	6.1	—	—
2	7.66	5.0	7.30	5.0	9.44	6.8
3	9.19	3.1	9.00	3.3	10.14	4.6

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — 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						
Other food service—Continued						
4	\$11.10	5.8	\$10.48	5.6	—	—
5	12.16	7.5	12.16	7.5	—	—
Supervisors, food preparation and service	13.99	12.8	13.99	13.4	—	—
Cooks	10.61	3.8	10.52	3.8	—	—
4	10.54	6.3	10.44	6.5	—	—
Food counter, fountain, and related	7.69	10.6	7.54	11.5	—	—
3	9.02	4.2	9.01	4.4	—	—
Kitchen workers, food preparation	9.73	4.4	9.14	2.7	—	—
3	9.26	2.8	9.25	3.1	—	—
Food preparation, n.e.c.	8.15	6.2	7.52	4.9	\$11.81	9.1
1	7.32	6.4	7.26	6.4	—	—
2	7.19	5.7	7.16	6.1	—	—
3	9.03	5.4	8.41	5.4	10.63	5.1
Health service	10.44	3.9	9.62	1.9	14.99	13.0
2	8.96	3.3	8.96	3.3	—	—
3	9.70	2.2	9.28	2.1	11.37	2.8
4	10.28	3.6	9.92	2.9	12.67	8.2
5	11.69	4.7	11.21	4.2	—	—
Health aides, except nursing	10.19	4.7	9.76	3.3	—	—
3	9.17	2.8	—	—	—	—
4	10.04	3.8	9.92	4.1	—	—
5	10.48	2.7	10.48	2.7	—	—
Nursing aides, orderlies and attendants	10.45	4.8	9.50	2.0	15.10	14.3
2	8.98	3.5	8.98	3.5	—	—
3	9.77	2.6	9.29	2.4	11.44	2.9
4	10.14	4.7	9.63	2.5	—	—
5	12.62	6.5	—	—	—	—
Cleaning and building service	10.75	3.5	10.02	3.1	13.26	6.0
1	9.80	4.6	9.56	5.1	11.11	2.0
2	10.21	8.0	9.17	5.8	—	—
3	11.56	7.1	10.40	4.1	14.24	8.7
4	11.54	6.4	11.07	6.8	—	—
5	12.44	7.2	—	—	—	—
Supervisors, cleaning and building service workers	13.10	6.9	13.10	7.5	—	—
Maids and housemen	9.48	4.4	9.48	4.4	—	—
1	10.01	6.7	10.01	6.7	—	—
2	9.04	5.4	9.04	5.5	—	—
3	8.81	11.2	8.81	11.2	—	—
Janitors and cleaners	11.00	4.4	10.01	4.0	13.29	6.0
1	9.65	6.0	9.21	6.8	11.11	2.0
2	10.64	10.2	9.24	8.6	—	—
3	12.03	7.1	10.81	3.6	14.24	8.7
4	12.16	7.0	—	—	—	—
Personal service	10.52	5.2	10.49	5.5	10.84	13.4
1	7.50	8.5	7.66	8.9	—	—
2	6.54	9.0	6.54	9.4	—	—
3	7.63	4.7	7.63	4.7	—	—
4	12.61	5.4	12.31	6.1	—	—
5	10.83	6.5	—	—	—	—
6	14.20	9.8	14.20	9.8	—	—
7	17.12	11.1	17.12	11.1	—	—
8	23.12	4.6	23.12	4.6	—	—
Supervisors, personal service	21.67	6.0	21.67	6.0	—	—
8	23.69	4.4	23.69	4.4	—	—
Attendants, amusement, and recreation facilities	6.91	5.2	6.91	5.2	—	—
2	6.45	7.6	6.45	7.6	—	—
3	6.82	5.9	6.82	5.9	—	—
4	7.94	13.0	7.94	13.0	—	—
Welfare service aides	10.68	8.0	10.17	8.6	—	—
Early childhood teachers' assistants	7.90	7.1	7.90	7.1	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Child care workers, n.e.c.	\$9.23	6.1	\$9.10	4.4	—	—
3	7.49	2.6	7.49	2.6	—	—
4	11.19	9.0	9.94	6.0	—	—
Service, n.e.c.	10.17	5.2	10.09	5.5	—	—
1	8.82	6.7	8.82	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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$19.42	2.0	\$18.64	2.4	\$23.11	3.2
All excluding sales	19.49	2.1	18.68	2.4	23.18	3.2
White collar	22.98	2.4	22.15	2.7	27.10	4.2
1	9.01	7.6	9.01	7.6	—	—
2	10.85	6.7	10.83	6.9	—	—
3	11.07	2.6	10.86	2.8	12.47	5.1
4	13.42	3.4	13.31	4.0	14.07	2.6
5	15.43	2.2	15.40	2.4	15.74	4.7
6	17.28	2.7	17.24	3.0	17.58	6.7
7	19.31	1.8	19.51	1.9	18.33	3.9
8	23.78	6.1	20.88	2.5	32.52	8.9
9	27.99	4.0	24.75	2.4	35.97	5.7
10	30.65	3.6	30.04	4.4	—	—
11	31.81	4.2	31.31	4.9	33.96	5.1
12	35.96	2.9	35.79	3.1	38.82	7.9
13	50.28	4.7	50.28	4.7	—	—
14	61.89	6.8	62.33	6.9	—	—
Not able to be leveled	24.16	8.9	23.99	10.3	25.14	12.1
White collar excluding sales	23.49	2.4	22.65	2.8	27.28	4.2
2	11.35	5.9	11.35	6.2	—	—
3	11.16	2.6	10.96	2.8	12.18	5.8
4	13.16	2.0	12.98	2.3	14.07	2.6
5	15.34	2.4	15.29	2.6	15.74	4.7
6	17.04	2.5	16.96	2.7	17.58	6.7
7	19.06	1.8	19.22	1.9	18.33	3.9
8	23.77	6.2	20.76	2.4	32.52	8.9
9	27.93	4.2	24.25	2.0	35.97	5.7
10	30.96	3.5	30.47	4.3	—	—
11	31.94	4.2	31.46	5.1	33.96	5.1
12	35.96	2.9	35.79	3.1	38.82	7.9
13	50.28	4.7	50.28	4.7	—	—
14	62.74	7.2	63.23	7.3	—	—
Not able to be leveled	21.54	6.6	20.80	7.3	25.14	12.1
Professional specialty and technical	28.19	3.0	26.40	3.8	33.70	4.6
Professional specialty	30.44	3.3	28.69	4.3	34.58	4.5
5	14.57	7.1	14.53	7.1	—	—
6	18.96	5.3	17.94	8.1	20.67	3.8
7	19.05	2.8	19.49	3.3	17.34	4.4
8	26.90	8.4	21.34	3.2	34.97	7.8
9	30.31	5.1	24.82	2.4	37.39	5.3
10	31.66	3.8	31.27	4.7	—	—
11	31.68	7.7	30.66	8.5	39.20	7.3
12	36.38	4.5	36.05	4.7	40.75	12.9
13	48.64	7.6	48.61	7.7	—	—
14	59.24	11.3	59.24	11.4	—	—
Not able to be leveled	21.39	13.4	19.74	17.5	—	—
Engineers, architects, and surveyors	31.48	3.4	31.88	3.5	—	—
9	27.24	3.7	27.80	4.1	—	—
11	33.43	2.1	33.82	1.9	—	—
12	37.53	4.9	37.53	4.9	—	—
Civil engineers	33.07	6.9	—	—	—	—
Electrical and electronic engineers	31.82	3.9	31.82	3.9	—	—
9	26.62	4.5	26.62	4.5	—	—
Mechanical engineers	27.59	12.0	27.57	13.3	—	—
Engineers, n.e.c.	29.07	4.6	28.93	4.8	—	—
Mathematical and computer scientists	33.72	10.7	33.72	10.7	—	—
8	24.12	8.8	24.12	8.8	—	—
9	27.39	5.3	27.39	5.3	—	—
10	35.37	9.0	35.37	9.0	—	—
11	34.48	7.2	34.48	7.2	—	—
12	33.78	6.6	33.78	6.6	—	—
Computer systems analysts and scientists	29.48	3.2	29.48	3.2	—	—
9	26.89	5.9	26.89	5.9	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Mathematical and computer scientists —Continued						
Computer systems analysts and scientists —Continued						
11	\$31.70	2.8	\$31.70	2.8	—	—
12	33.39	7.0	33.39	7.0	—	—
Natural scientists	34.97	5.3	35.36	5.5	—	—
12	34.18	11.1	—	—	—	—
Biological and life scientists	31.76	8.0	31.91	9.3	—	—
Health related	24.07	4.7	23.06	4.1	\$33.87	12.9
7	19.23	3.0	19.23	3.0	—	—
8	21.67	4.4	20.68	1.9	—	—
9	24.56	5.7	22.79	1.7	37.26	13.0
11	21.69	19.8	21.49	20.0	—	—
Physicians	25.33	21.2	25.23	22.7	—	—
Registered nurses	23.69	4.3	22.45	1.9	36.01	13.8
7	20.13	2.3	20.15	2.3	—	—
8	22.35	5.3	21.04	1.5	—	—
9	24.49	6.9	22.78	1.9	—	—
Pharmacists	27.42	5.9	—	—	—	—
Teachers, college and university	41.30	5.2	42.62	7.6	39.40	6.0
11	35.65	9.3	—	—	39.18	6.9
12	46.89	7.6	—	—	48.77	7.7
13	44.41	6.9	44.20	7.2	—	—
Other post-secondary teachers	39.52	5.6	—	—	39.81	5.7
11	33.76	8.4	—	—	36.94	5.9
Teachers, except college and university	34.34	4.6	19.02	6.1	37.62	4.2
5	12.49	18.5	12.49	18.5	—	—
6	20.20	8.9	18.42	6.2	—	—
7	20.57	12.3	21.64	13.6	—	—
8	36.27	6.1	—	—	38.16	4.3
9	37.76	5.0	21.53	11.7	38.89	4.8
Elementary school teachers	36.15	3.7	19.38	5.0	37.84	3.4
9	36.81	4.9	19.64	5.0	38.24	4.5
Secondary school teachers	41.25	4.2	—	—	42.06	3.9
9	42.23	4.5	—	—	43.21	4.0
Teachers, special education	33.29	6.6	24.47	11.5	35.19	7.0
9	34.02	9.1	—	—	34.16	9.1
Teachers, n.e.c.	25.08	14.2	16.92	9.0	30.05	3.8
Vocational and educational counselors	27.21	18.9	—	—	—	—
Librarians, archivists, and curators	33.90	10.8	—	—	—	—
Librarians	33.90	10.8	—	—	—	—
Social scientists and urban planners	32.46	10.0	29.09	14.3	—	—
9	31.77	9.3	—	—	—	—
Economists	34.85	13.1	34.85	13.1	—	—
Psychologists	33.16	14.1	—	—	—	—
Social, recreation, and religious workers	17.85	5.2	15.94	6.7	19.83	3.7
7	17.24	3.4	—	—	—	—
9	19.57	6.1	18.73	7.2	—	—
Social workers	17.76	6.2	15.48	6.4	20.51	3.9
7	16.81	2.6	—	—	—	—
9	18.79	5.9	—	—	—	—
Lawyers and judges	40.61	11.7	42.69	12.7	—	—
Lawyers	40.61	11.7	42.69	12.7	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.49	8.2	22.69	9.2	—	—
7	19.41	7.2	—	—	—	—
Public relations specialists	25.31	10.1	26.21	11.1	—	—
Professional, n.e.c.	25.09	15.3	—	—	—	—
Technical	20.36	3.6	20.40	3.8	19.74	9.4
4	13.32	3.7	13.27	3.8	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
5	\$17.19	7.1	\$17.20	7.2	—	—
6	17.66	4.5	17.73	4.6	—	—
7	20.65	3.9	21.23	4.0	—	—
8	20.65	5.3	20.71	5.4	—	—
9	24.53	4.4	24.20	4.9	—	—
Clinical laboratory technologists and technicians	13.88	7.5	13.88	7.5	—	—
Radiological technicians	20.10	2.7	20.10	2.7	—	—
Licensed practical nurses	16.42	2.3	16.45	2.5	—	—
5	16.20	3.6	16.19	3.7	—	—
6	16.11	2.1	16.04	2.3	—	—
Health technologists and technicians, n.e.c.	16.04	8.4	16.04	8.4	—	—
4	11.83	4.8	11.83	4.8	—	—
Electrical and electronic technicians	21.16	8.7	21.15	8.7	—	—
7	21.37	6.0	—	—	—	—
Engineering technicians, n.e.c.	19.66	6.8	20.63	9.5	—	—
Drafters	22.71	5.3	22.71	5.3	—	—
Chemical technicians	18.60	6.5	18.60	6.5	—	—
Science technicians, n.e.c.	18.27	7.7	18.24	7.9	—	—
Computer programmers	22.44	6.6	21.69	7.1	—	—
9	25.10	6.5	24.43	8.9	—	—
Technical and related, n.e.c.	22.75	8.7	23.18	8.8	—	—
7	25.05	16.4	—	—	—	—
Executive, administrative, and managerial	29.47	3.8	29.89	4.2	\$26.50	5.7
5	15.95	7.1	15.49	8.9	—	—
6	16.27	5.0	16.54	5.3	—	—
7	18.93	3.9	18.46	4.2	20.11	8.2
8	20.11	3.5	19.88	3.8	21.47	7.6
9	23.70	3.2	23.77	3.5	23.02	6.1
10	29.19	7.9	29.19	7.9	—	—
11	31.56	4.2	31.03	5.2	33.14	6.0
12	35.58	3.8	35.56	3.9	—	—
13	51.72	5.8	51.72	5.8	—	—
14	66.31	9.0	67.42	9.0	—	—
Not able to be leveled	35.92	15.4	—	—	—	—
Executives, administrators, and managers	34.12	4.0	34.70	4.5	30.07	5.9
7	21.03	6.1	19.92	6.9	—	—
8	19.99	4.8	19.64	4.8	—	—
9	23.80	5.0	23.73	5.5	24.52	6.5
10	32.99	8.1	32.99	8.1	—	—
11	32.57	4.8	32.06	6.0	34.03	6.3
12	35.94	4.2	35.95	4.4	—	—
13	51.91	6.9	51.91	6.9	—	—
14	67.77	8.9	69.00	8.9	—	—
Administrators and officials, public administration	25.84	2.7	—	—	25.84	2.7
Financial managers	37.20	9.6	37.79	9.6	—	—
Personnel and labor relations managers	39.80	14.8	39.80	14.8	—	—
Purchasing managers	24.88	11.5	24.15	13.0	—	—
Managers, marketing, advertising, and public relations	35.87	9.9	35.84	10.0	—	—
11	33.70	12.6	33.70	12.6	—	—
Administrators, education and related fields	33.55	12.6	32.79	23.6	34.37	6.2
11	35.96	5.0	—	—	36.45	5.0
Managers, medicine and health	31.54	9.0	31.61	9.1	—	—
9	24.76	7.0	24.86	7.2	—	—
11	29.58	7.4	29.37	7.6	—	—
Managers, food servicing and lodging establishments	23.33	9.5	22.32	7.9	—	—
Managers, service organizations, n.e.c.	31.33	16.3	33.15	18.7	—	—
Managers and administrators, n.e.c.	35.91	6.5	35.97	6.5	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Executive, administrative, and managerial —Continued						
Executives, administrators, and managers —Continued						
Managers and administrators, n.e.c. —Continued						
8	\$20.00	7.5	\$20.00	7.5	—	—
9	22.70	9.4	22.70	9.4	—	—
10	33.83	8.4	33.83	8.4	—	—
11	33.12	12.5	33.42	12.9	—	—
12	36.29	6.0	36.29	6.0	—	—
13	49.44	8.4	49.44	8.4	—	—
14	69.11	14.4	69.11	14.4	—	—
Management related	22.15	5.9	22.33	6.7	\$20.93	6.8
5	16.07	8.3	15.53	10.9	—	—
6	15.39	3.3	15.63	3.4	—	—
7	17.60	3.6	17.55	4.4	—	—
8	20.22	4.8	20.07	5.2	—	—
9	23.61	4.2	23.80	4.5	—	—
10	23.33	5.9	23.33	5.9	—	—
11	27.53	5.7	27.16	6.9	—	—
12	33.40	4.2	33.40	4.2	—	—
Accountants and auditors	19.49	4.9	19.11	6.1	—	—
9	21.07	9.0	20.32	11.0	—	—
Other financial officers	23.16	6.1	23.61	6.1	—	—
Management analysts	28.97	8.9	28.78	10.3	—	—
Personnel, training, and labor relations specialists	26.36	14.7	26.46	15.1	—	—
Purchasing agents and buyers, n.e.c.	19.67	11.3	19.67	11.3	—	—
Inspectors and compliance officers, except construction	18.14	7.4	—	—	—	—
Management related, n.e.c.	19.64	12.2	19.58	14.0	—	—
7	17.96	6.0	18.83	5.5	—	—
8	21.61	5.9	—	—	—	—
9	25.27	5.8	25.27	5.8	—	—
11	28.56	4.7	—	—	—	—
Sales	18.11	7.4	18.21	7.6	—	—
3	10.90	5.3	10.66	5.7	—	—
4	15.62	23.4	15.62	23.4	—	—
5	15.96	6.2	15.96	6.2	—	—
6	21.34	18.1	21.34	18.1	—	—
7	22.31	6.8	22.31	6.8	—	—
8	24.18	14.0	24.18	14.0	—	—
9	28.70	12.2	28.70	12.2	—	—
Supervisors, sales	26.84	10.5	26.84	10.5	—	—
9	29.48	4.0	29.48	4.0	—	—
Sales, other business services	27.74	26.0	27.74	26.0	—	—
Sales representatives, mining, manufacturing, and wholesale	21.20	15.9	21.20	15.9	—	—
Sales workers, other commodities	14.43	18.0	14.43	18.0	—	—
3	10.39	4.8	10.39	4.8	—	—
4	10.07	9.6	10.07	9.6	—	—
5	16.25	10.9	16.25	10.9	—	—
Cashiers	11.15	3.9	10.87	4.4	—	—
3	11.27	3.5	10.92	3.9	—	—
4	12.10	11.5	12.10	11.5	—	—
Sales support, n.e.c.	20.86	15.8	20.86	15.8	—	—
Administrative support, including clerical	14.03	1.6	13.97	1.8	14.39	3.3
2	11.35	5.9	11.35	6.2	—	—
3	11.11	2.7	10.91	2.9	12.18	5.8
4	13.33	1.7	13.16	2.0	14.05	2.6
5	14.96	2.2	14.90	2.3	15.30	6.2

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
6	\$16.26	3.4	\$16.38	3.5	—	—
7	18.08	2.7	18.08	3.0	\$18.06	6.7
8	21.48	5.9	21.48	5.9	—	—
9	20.81	9.1	20.81	9.1	—	—
Supervisors, general office	19.94	4.0	19.66	4.3	—	—
Supervisors, financial records processing	15.28	9.2	15.28	9.2	—	—
Computer operators	15.08	5.1	15.08	5.1	—	—
4	15.69	5.8	15.69	5.8	—	—
Secretaries	15.42	2.4	15.43	2.8	15.37	4.2
3	11.96	8.1	—	—	—	—
4	13.52	4.0	12.56	2.6	15.79	7.6
5	15.50	2.6	15.57	2.8	15.05	6.4
6	17.05	6.2	17.78	5.1	—	—
7	17.72	3.4	17.72	3.8	—	—
Typists	12.97	6.3	13.16	13.1	12.81	3.3
4	13.31	2.4	—	—	—	—
Hotel clerks	10.61	6.5	10.61	6.5	—	—
3	10.32	5.4	10.32	5.4	—	—
Receptionists	11.37	4.7	11.35	5.0	—	—
2	11.37	8.9	11.26	11.2	—	—
3	11.30	7.5	11.31	7.5	—	—
4	12.13	5.9	12.16	6.0	—	—
Information clerks, n.e.c.	13.21	5.4	13.13	5.6	—	—
Order clerks	15.70	7.6	15.70	7.6	—	—
4	14.27	10.4	14.27	10.4	—	—
7	20.70	5.9	20.70	5.9	—	—
Library clerks	12.23	7.4	10.75	1.9	—	—
4	12.79	8.2	—	—	—	—
Records clerks, n.e.c.	12.37	6.8	12.35	7.7	—	—
4	11.93	6.5	11.95	6.7	—	—
Bookkeepers, accounting and auditing clerks	12.92	3.2	12.76	3.5	14.36	4.1
3	11.23	3.8	11.23	3.8	—	—
4	12.95	4.9	12.82	5.9	—	—
5	14.70	6.2	—	—	—	—
Payroll and timekeeping clerks	14.49	3.8	14.49	3.8	—	—
Billing clerks	11.88	4.2	11.88	4.2	—	—
4	12.64	3.3	12.64	3.3	—	—
Telephone operators	13.52	10.7	13.61	11.2	—	—
Mail clerks, except postal service	10.95	7.6	—	—	—	—
Dispatchers	12.63	10.9	—	—	—	—
Traffic, shipping and receiving clerks	12.42	13.7	12.42	13.7	—	—
Stock and inventory clerks	12.73	7.9	12.73	7.9	—	—
3	15.40	11.5	15.40	11.5	—	—
4	11.80	6.1	11.80	6.1	—	—
Insurance adjusters, examiners, and investigators	16.13	9.8	15.86	9.7	—	—
Investigators and adjusters, except insurance	13.94	6.8	13.30	5.4	—	—
Bill and account collectors	12.10	5.9	12.10	5.9	—	—
General office clerks	13.62	4.7	13.48	6.2	14.00	5.6
3	10.26	6.5	9.59	3.9	—	—
4	13.46	4.4	13.60	6.1	13.13	2.3
5	17.64	3.6	—	—	—	—
7	19.26	8.0	—	—	—	—
Data entry keyers	11.23	5.8	11.23	5.8	—	—
Teachers' aides	10.99	7.9	10.10	8.3	11.34	10.5
4	13.10	6.3	—	—	—	—
Administrative support, n.e.c.	14.38	4.7	14.36	6.3	14.45	5.4
4	13.88	4.9	13.79	7.5	—	—
7	15.95	4.6	15.63	5.6	—	—
Blue collar	15.52	2.5	15.35	2.8	16.91	2.7

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
1	\$9.52	5.7	\$9.36	5.8	—	—
2	10.07	4.2	9.99	4.2	—	—
3	12.04	6.1	11.94	6.4	—	—
4	15.82	3.9	16.06	4.4	\$14.51	2.5
5	17.14	3.9	17.08	4.5	17.50	2.2
6	16.98	2.9	16.77	3.1	18.49	5.7
7	20.07	2.3	20.44	2.6	18.30	3.8
9	22.38	13.2	22.38	13.9	—	—
Precision production, craft, and repair						
4	19.07	2.8	19.20	3.2	18.29	3.3
5	12.54	3.2	12.54	3.2	—	—
6	18.22	8.3	18.30	8.6	—	—
7	17.31	2.9	16.86	2.9	—	—
9	20.39	2.6	20.91	2.9	18.22	3.8
9	22.44	13.8	22.45	14.6	—	—
Supervisors, mechanics and repairers	17.78	14.7	17.69	16.0	—	—
Automobile mechanics	18.41	5.4	—	—	—	—
Bus, truck, and stationary engine mechanics	17.89	5.6	—	—	—	—
7	18.01	6.4	—	—	—	—
Industrial machinery repairers	18.44	4.0	18.44	4.0	—	—
Electronic repairers, communications and industrial equipment	22.77	3.0	22.77	3.0	—	—
7	23.35	2.9	23.35	2.9	—	—
Data processing equipment repairers	15.00	2.2	15.00	2.2	—	—
Heating, air conditioning, and refrigeration mechanics	21.97	2.4	—	—	—	—
Mechanics and repairers, n.e.c.	17.52	4.1	17.59	4.2	—	—
6	17.01	6.7	17.05	7.2	—	—
7	19.28	2.7	19.28	2.7	—	—
Electricians	19.03	8.5	19.56	9.9	—	—
7	19.29	10.5	20.11	12.8	—	—
Plumbers, pipefitters and steamfitters	25.96	8.9	—	—	—	—
Construction trades, n.e.c.	16.16	4.4	—	—	—	—
Supervisors, production	19.89	5.4	19.89	5.4	—	—
Electrical and electronic equipment assemblers ..	12.13	12.8	12.13	12.8	—	—
Inspectors, testers, and graders	20.54	14.3	20.54	14.3	—	—
Stationary engineers	16.67	6.3	—	—	—	—
Machine operators, assemblers, and inspectors						
2	13.93	5.4	13.91	5.4	—	—
3	10.64	5.6	10.64	5.6	—	—
4	11.60	10.9	11.60	10.9	—	—
5	16.19	5.8	16.21	5.9	—	—
6	15.73	6.6	15.73	6.6	—	—
7	17.73	5.6	17.70	5.7	—	—
7	18.46	5.5	18.45	5.6	—	—
Grinding, abrading, buffing, and polishing machine operators	17.48	6.5	17.48	6.5	—	—
Textile sewing machine operators	7.96	8.9	7.91	9.0	—	—
Mixing and blending machine operators	17.68	8.6	17.68	8.6	—	—
Miscellaneous machine operators, n.e.c.	14.08	9.6	14.08	9.6	—	—
4	14.27	13.0	14.27	13.0	—	—
5	14.40	6.3	14.40	6.3	—	—
Assemblers	14.09	12.4	14.09	12.4	—	—
Production inspectors, checkers and examiners ..	15.13	6.8	15.13	6.8	—	—
Transportation and material moving						
2	15.31	4.7	15.08	5.6	16.67	3.4
3	7.69	4.3	7.69	4.3	—	—
4	11.71	6.4	11.78	8.3	—	—
5	17.03	5.3	17.29	5.4	—	—
5	17.18	3.4	16.84	4.9	—	—
Truck drivers	16.13	6.9	16.03	7.3	—	—
4	18.17	3.4	18.25	3.2	—	—
5	16.73	2.9	16.36	3.1	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Transportation and material moving —Continued						
Bus drivers	\$15.86	6.2	—	—	—	—
Motor transportation, n.e.c.	10.77	20.9	\$10.77	20.9	—	—
Excavating and loading machine operators	13.99	6.3	13.99	6.3	—	—
Industrial truck and tractor equipment operators ..	12.47	4.0	12.47	4.0	—	—
Handlers, equipment cleaners, helpers, and laborers						
.....	12.23	3.4	11.84	3.7	\$14.89	2.5
1	9.86	5.8	9.68	5.9	—	—
2	10.83	7.6	10.62	7.5	—	—
3	12.29	7.2	12.11	7.4	—	—
4	14.42	2.9	14.39	5.2	14.44	2.7
5	16.05	5.5	16.23	7.1	—	—
6	17.01	10.8	—	—	—	—
Groundskeepers and gardeners, except farm	12.10	10.6	10.62	11.1	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.63	8.1	19.38	8.3	—	—
Construction laborers	13.80	9.1	13.80	9.1	—	—
Production helpers	10.32	17.1	10.32	17.1	—	—
Stock handlers and baggers	11.38	8.5	11.38	8.5	—	—
3	10.01	11.4	10.01	11.4	—	—
Freight, stock, and material handlers, n.e.c.	13.87	9.2	13.87	9.2	—	—
Hand packers and packagers	10.07	5.9	10.07	5.9	—	—
Laborers, except construction, n.e.c.	11.84	7.6	11.06	9.9	—	—
1	9.39	10.3	9.39	10.3	—	—
Service						
.....	12.09	3.0	9.72	2.7	17.99	3.6
1	8.35	6.4	8.04	6.7	11.23	2.1
2	8.43	4.9	7.90	3.6	12.86	6.2
3	9.57	4.6	8.92	4.0	12.85	7.7
4	11.47	3.6	10.75	3.1	14.28	5.2
5	12.86	4.1	11.62	3.2	15.09	1.5
6	17.15	4.2	13.84	5.9	18.55	4.0
7	19.59	8.0	15.05	8.6	21.95	7.6
8	21.74	2.7	22.08	4.5	21.52	3.3
9	25.26	2.4	—	—	25.26	2.4
Protective service	17.33	5.2	9.99	7.4	20.52	3.4
1	7.68	17.5	—	—	—	—
3	9.67	6.5	9.64	6.5	—	—
4	12.45	13.1	9.93	1.8	—	—
5	13.75	6.2	—	—	—	—
6	18.37	4.0	—	—	18.55	4.1
7	21.03	3.9	—	—	21.31	4.0
8	21.50	3.1	—	—	21.62	3.3
9	25.40	2.3	—	—	25.40	2.3
Supervisors, police and detectives	24.97	6.2	—	—	25.47	6.2
Supervisors, guards	18.46	9.1	—	—	—	—
Police and detectives, public service	20.90	3.2	—	—	20.90	3.2
6	18.84	2.2	—	—	18.84	2.2
Correctional institution officers	18.50	11.5	—	—	19.89	10.5
Guards and police, except public service	10.11	5.1	9.71	4.0	—	—
3	9.67	6.5	9.64	6.5	—	—
4	9.51	2.1	9.51	2.1	—	—
Food service						
.....	8.52	5.3	8.16	5.4	12.18	6.1
1	6.94	9.0	6.89	9.0	—	—
2	6.72	6.2	6.46	6.3	—	—
3	7.77	10.5	7.51	11.2	—	—
4	10.97	7.1	10.26	7.8	—	—
5	11.77	8.6	11.77	8.6	—	—
Waiters, waitresses, and bartenders						
.....	5.04	11.5	5.04	11.5	—	—
1	4.59	16.9	4.59	16.9	—	—
2	5.87	8.9	5.87	8.9	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Waiters, waitresses, and bartenders—Continued						
3	\$4.60	29.7	\$4.60	29.7	—	—
Waiters and waitresses	4.21	13.1	4.21	13.1	—	—
1	3.34	17.4	3.34	17.4	—	—
2	5.34	9.4	5.34	9.4	—	—
Waiters/Waitresses' assistants	6.60	11.4	6.60	11.4	—	—
1	5.85	13.0	5.85	13.0	—	—
Other food service	10.03	3.4	9.72	3.4	\$12.18	6.1
1	8.16	5.0	8.10	5.0	—	—
2	7.88	5.7	7.45	5.8	—	—
3	9.57	3.2	9.41	3.2	—	—
4	11.51	5.2	10.90	5.1	—	—
5	12.16	7.5	12.16	7.5	—	—
Supervisors, food preparation and service	14.66	12.8	14.69	13.5	—	—
Cooks	10.87	3.8	10.77	3.8	—	—
4	11.04	6.0	10.94	6.2	—	—
Food counter, fountain, and related	9.11	2.9	9.14	3.2	—	—
Kitchen workers, food preparation	10.11	5.6	9.26	3.5	—	—
3	9.22	3.4	9.20	4.0	—	—
Food preparation, n.e.c.	8.83	7.0	8.07	4.7	12.76	8.2
1	8.09	5.6	8.02	5.6	—	—
2	7.22	6.1	—	—	—	—
3	9.82	8.8	—	—	—	—
Health service	10.86	4.6	9.85	2.2	15.14	13.1
2	9.18	4.6	9.18	4.6	—	—
3	9.86	2.8	9.36	2.7	11.49	3.0
4	10.45	4.0	10.05	3.2	12.67	8.2
5	11.98	4.8	11.40	4.3	—	—
Health aides, except nursing	10.64	5.7	10.11	4.0	—	—
4	10.10	4.0	9.97	4.4	—	—
Nursing aides, orderlies and attendants	10.86	5.6	9.69	2.1	15.19	14.4
2	9.16	4.4	9.16	4.4	—	—
3	9.91	3.0	9.37	2.9	11.49	3.0
4	10.34	5.4	9.71	2.8	—	—
5	12.51	7.0	—	—	—	—
Cleaning and building service	11.20	3.1	10.45	2.4	13.42	5.8
1	10.46	2.7	10.30	3.3	11.11	2.0
2	10.69	7.1	9.46	4.3	—	—
3	11.70	7.1	10.49	4.0	—	—
4	11.54	6.4	11.07	6.8	—	—
5	13.41	4.4	—	—	—	—
Supervisors, cleaning and building service workers	13.55	6.5	13.60	7.1	—	—
Maids and housemen	9.55	4.5	9.55	4.5	—	—
1	10.02	6.9	10.02	6.9	—	—
2	8.97	4.5	8.97	4.7	—	—
3	9.02	11.4	9.02	11.4	—	—
Janitors and cleaners	11.59	3.6	10.62	2.5	13.46	5.9
1	10.66	1.9	10.46	2.4	11.11	2.0
2	11.26	7.9	9.72	6.1	—	—
3	12.08	7.2	10.81	3.7	—	—
4	12.16	7.0	—	—	—	—
Personal service	11.13	6.1	11.00	6.3	—	—
1	7.05	12.3	7.05	12.3	—	—
2	6.45	10.8	6.45	10.8	—	—
3	7.94	5.3	7.94	5.3	—	—
4	12.85	5.5	12.56	6.2	—	—
6	14.55	11.0	14.55	11.0	—	—
7	17.12	11.1	17.12	11.1	—	—
8	23.12	4.6	23.12	4.6	—	—
Supervisors, personal service	21.67	6.0	21.67	6.0	—	—
8	23.69	4.4	23.69	4.4	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Attendants, amusement, and recreation facilities	\$7.23	5.5	\$7.23	5.5	—	—
2	6.59	8.1	6.59	8.1	—	—
3	7.34	5.3	7.34	5.3	—	—
Welfare service aides	10.50	8.3	9.85	7.3	—	—
Early childhood teachers' assistants	8.26	8.9	8.26	8.9	—	—
Child care workers, n.e.c.	9.69	7.1	9.15	5.0	—	—
4	11.19	9.0	9.94	6.0	—	—
Service, n.e.c.	11.05	5.4	10.99	5.7	—	—

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999**

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	\$10.37	2.8	\$10.31	3.0	\$10.93	5.9
All excluding sales	10.90	3.2	10.90	3.6	10.95	5.9
White collar	12.68	3.9	12.76	4.3	12.01	8.1
1	7.51	7.3	7.53	8.1	—	—
2	7.63	3.7	7.40	3.4	—	—
3	8.88	4.2	8.66	3.7	—	—
4	10.27	4.3	10.10	4.6	11.51	3.9
5	12.45	3.8	12.81	3.9	10.59	7.5
6	17.19	5.8	17.64	5.4	—	—
7	16.91	12.8	19.63	4.5	—	—
8	21.48	4.1	20.69	2.5	—	—
9	23.17	3.0	23.20	3.0	—	—
11	26.71	6.2	26.71	6.2	—	—
Not able to be leveled	19.13	25.8	—	—	—	—
White collar excluding sales	15.02	4.1	15.58	4.7	12.07	8.2
1	7.05	12.8	7.00	16.7	—	—
2	8.65	4.3	8.36	4.4	—	—
3	9.92	5.7	9.64	5.0	—	—
4	11.39	2.8	11.37	3.2	11.51	3.9
5	12.95	6.5	13.99	6.3	10.59	7.5
6	17.19	5.8	17.64	5.4	—	—
7	16.91	12.8	19.63	4.5	—	—
8	21.48	4.1	20.69	2.5	—	—
9	23.17	3.0	23.20	3.0	—	—
11	26.71	6.2	26.71	6.2	—	—
Not able to be leveled	19.13	25.8	—	—	—	—
Professional specialty and technical	20.00	3.2	20.81	2.3	14.62	16.5
Professional specialty	21.46	3.8	22.54	2.5	15.30	18.2
5	10.76	8.8	—	—	—	—
6	23.97	3.2	23.97	3.2	—	—
7	17.07	17.2	21.42	4.4	—	—
8	21.76	4.4	20.89	2.6	—	—
9	23.12	3.0	23.16	3.1	—	—
11	26.71	6.2	26.71	6.2	—	—
Not able to be leveled	21.35	22.4	—	—	—	—
Engineers, architects, and surveyors	—	—	—	—	—	—
Health related	22.41	2.0	22.42	2.0	—	—
7	20.49	4.2	20.50	4.3	—	—
8	20.92	2.6	20.92	2.6	—	—
9	23.64	2.3	23.64	2.3	—	—
Registered nurses	22.35	2.1	22.36	2.1	—	—
7	20.49	4.2	20.50	4.3	—	—
8	21.01	2.7	21.01	2.7	—	—
9	23.68	2.4	23.68	2.4	—	—
Teachers, college and university	25.28	3.6	25.76	4.5	23.04	9.2
9	23.58	6.7	—	—	—	—
Art, drama, and music teachers	22.65	5.3	—	—	—	—
Other post-secondary teachers	27.27	4.6	—	—	—	—
9	23.93	9.1	—	—	—	—
Teachers, except college and university	13.27	21.8	12.66	15.7	13.46	28.1
8	32.59	16.3	—	—	—	—
Teachers, n.e.c.	18.13	8.1	18.05	8.3	—	—
8	19.43	10.8	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	17.97	9.3	—	—	—	—
Social workers	17.97	9.3	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	15.01	3.3	15.41	2.8	—	—
4	10.06	6.7	—	—	—	—
5	15.28	5.5	15.28	5.7	—	—
6	15.69	2.2	15.69	2.2	—	—
7	16.45	2.4	16.45	2.4	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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						
Clinical laboratory technologists and technicians	\$16.46	9.2	\$16.46	9.2	—	—
Licensed practical nurses	15.69	2.8	15.70	2.8	—	—
5	15.70	6.3	—	—	—	—
6	15.38	2.6	15.38	2.6	—	—
Executive, administrative, and managerial	21.95	13.9	24.48	9.4	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	7.74	4.4	7.74	4.4	—	—
1	7.77	7.6	7.77	8.0	—	—
2	6.60	1.9	6.60	1.9	—	—
3	7.85	4.4	7.85	4.4	—	—
5	11.86	3.4	11.86	3.4	—	—
Sales workers, other commodities	8.05	7.4	8.05	7.4	—	—
2	6.54	1.8	6.54	1.8	—	—
3	8.86	9.6	8.86	9.6	—	—
Cashiers	7.48	4.1	7.48	4.2	—	—
2	6.71	5.1	6.71	5.1	—	—
3	7.70	5.5	7.70	5.5	—	—
Administrative support, including clerical	9.83	3.3	9.61	3.3	\$10.78	7.1
1	7.05	12.8	7.00	16.7	—	—
2	8.63	4.4	8.33	4.4	—	—
3	9.98	5.9	9.64	5.0	—	—
4	11.50	3.0	11.43	3.5	11.84	2.4
Secretaries	12.49	5.2	12.40	5.4	—	—
4	12.08	5.3	—	—	—	—
Receptionists	8.34	13.9	8.33	14.4	—	—
Information clerks, n.e.c.	8.68	5.3	—	—	—	—
Library clerks	10.81	7.6	—	—	—	—
Telephone operators	11.47	5.9	—	—	—	—
General office clerks	9.79	7.4	9.79	7.5	—	—
3	9.43	8.3	9.43	8.3	—	—
4	11.09	6.0	11.17	6.3	—	—
Data entry keyers	8.91	4.7	8.91	4.7	—	—
Teachers' aides	10.59	9.9	—	—	10.67	9.9
Administrative support, n.e.c.	11.54	3.5	11.56	3.5	—	—
4	12.13	3.2	12.16	3.2	—	—
Blue collar	9.76	4.9	9.67	5.3	—	—
1	7.76	6.6	7.80	6.6	—	—
2	9.55	8.3	9.46	8.8	—	—
3	10.88	11.1	11.06	13.2	—	—
Precision production, craft, and repair	13.13	17.9	13.16	18.2	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.07	7.4	9.88	8.5	—	—
2	9.73	9.8	9.64	10.4	—	—
Bus drivers	11.07	4.1	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	8.58	7.4	8.62	7.4	—	—
1	7.19	6.7	7.23	6.9	—	—
2	8.75	7.9	8.75	7.9	—	—
3	11.06	13.2	11.06	13.2	—	—
Stock handlers and baggers	7.84	9.9	7.84	9.9	—	—
1	6.71	8.5	6.71	8.5	—	—
Laborers, except construction, n.e.c.	7.31	8.4	—	—	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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	\$7.33	3.8	\$7.18	4.1	\$8.95	6.5
1	6.02	6.1	6.01	6.3	—	—
2	7.95	5.4	7.73	5.4	—	—
3	7.49	5.4	7.28	6.0	9.56	4.5
4	8.33	8.8	8.26	8.9	—	—
5	9.89	5.5	10.43	6.9	—	—
Protective service	8.64	6.8	8.11	3.9	—	—
3	7.74	3.6	7.71	3.7	—	—
Guards and police, except public service	8.58	5.0	8.57	5.0	—	—
Food service	6.16	7.8	5.95	8.5	9.59	5.1
1	5.31	7.4	5.31	7.4	—	—
2	5.28	17.4	5.21	18.2	—	—
3	7.06	10.0	6.65	12.8	—	—
4	7.11	19.1	7.11	19.1	—	—
Waiters, waitresses, and bartenders	3.99	12.8	3.99	12.8	—	—
1	3.74	16.4	3.74	16.4	—	—
3	4.50	19.6	4.50	19.6	—	—
Waiters and waitresses	4.09	16.9	4.09	16.9	—	—
3	4.78	27.3	4.78	27.3	—	—
Other food service	7.35	7.2	7.13	7.7	9.59	5.1
1	6.05	6.6	6.05	6.6	—	—
2	6.81	7.6	—	—	—	—
3	8.73	3.7	8.44	4.4	—	—
Food counter, fountain, and related	6.59	12.5	—	—	—	—
Kitchen workers, food preparation	9.00	4.2	9.00	4.2	—	—
3	9.34	4.8	9.34	4.8	—	—
Food preparation, n.e.c.	7.08	8.5	6.67	8.7	—	—
1	5.77	2.3	5.77	2.3	—	—
3	8.53	4.8	—	—	—	—
Health service	8.93	2.7	8.92	2.7	—	—
2	8.62	3.6	8.62	3.6	—	—
3	9.01	3.5	8.99	3.8	—	—
4	9.35	3.3	9.35	3.3	—	—
5	10.60	8.7	10.60	8.7	—	—
Health aides, except nursing	8.71	4.2	8.72	4.3	—	—
5	9.69	3.2	9.69	3.2	—	—
Nursing aides, orderlies and attendants	8.98	3.1	8.97	3.2	—	—
3	9.00	4.5	8.95	4.7	—	—
4	9.37	3.6	9.37	3.6	—	—
Cleaning and building service	7.76	6.5	7.75	6.8	—	—
1	7.06	7.4	7.06	7.4	—	—
2	8.14	10.1	—	—	—	—
3	9.01	7.9	—	—	—	—
Janitors and cleaners	7.41	6.7	7.38	7.1	—	—
1	6.96	7.3	6.96	7.3	—	—

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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — 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	\$7.95	6.2	\$8.02	7.0	—	—
1	8.08	8.7	8.57	6.3	—	—
2	6.98	8.4	7.11	10.4	—	—
3	6.63	5.9	6.63	5.9	—	—
Attendants, amusement, and recreation facilities	5.16	5.3	5.16	5.3	—	—
Early childhood teachers' assistants	7.31	5.8	7.31	5.8	—	—
Child care workers, n.e.c.	7.43	9.5	8.75	9.3	—	—
Service, n.e.c.	7.94	5.3	7.94	5.3	—	—

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999**

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	\$19.42	\$10.37	\$18.64	\$18.45	\$18.44	\$20.78
All excluding sales	19.49	10.90	18.83	18.68	18.72	18.74
White collar	22.98	12.68	24.57	21.57	22.06	22.41
White-collar excluding sales	23.49	15.02	25.64	22.35	22.92	22.30
Professional specialty and technical	28.19	20.00	32.02	26.19	27.57	—
Professional specialty	30.44	21.46	32.87	28.63	29.77	—
Technical	20.36	15.01	25.75	19.11	19.95	—
Executive, administrative, and managerial	29.47	21.95	24.89	29.68	29.43	—
Sales	18.11	7.74	12.14	15.99	13.54	22.42
Administrative support, including clerical	14.03	9.83	14.64	13.45	13.64	—
Blue collar	15.52	9.76	16.81	13.75	15.11	17.96
Precision production, craft, and repair	19.07	13.13	19.82	17.75	18.97	19.69
Machine operators, assemblers, and inspectors	13.93	—	14.94	13.06	13.92	—
Transportation and material moving	15.31	10.07	16.61	13.44	14.29	19.01
Handlers, equipment cleaners, helpers, and laborers	12.23	8.58	13.31	10.85	11.88	—
Service	12.09	7.33	13.78	9.25	11.13	—
	Relative error ⁶ (percent)					
All occupations	2.0	2.8	2.9	2.6	2.1	7.9
All excluding sales	2.1	3.2	2.9	2.6	2.1	4.9
White collar	2.4	3.9	4.2	2.7	2.4	10.7
White-collar excluding sales	2.4	4.1	4.1	2.7	2.4	11.5
Professional specialty and technical	3.0	3.2	4.7	3.6	2.9	—
Professional specialty	3.3	3.8	4.7	4.0	3.2	—
Technical	3.6	3.3	16.0	2.9	3.4	—
Executive, administrative, and managerial	3.8	13.9	10.5	3.9	3.8	—
Sales	7.4	4.4	3.5	8.3	8.2	12.1
Administrative support, including clerical	1.6	3.3	2.7	1.9	1.6	—
Blue collar	2.5	4.9	3.4	3.8	2.6	6.0
Precision production, craft, and repair	2.8	17.9	3.8	3.2	2.9	5.9
Machine operators, assemblers, and inspectors	5.4	—	9.0	6.8	5.4	—
Transportation and material moving	4.7	7.4	3.3	10.0	6.0	6.7
Handlers, equipment cleaners, helpers, and laborers	3.4	7.4	4.5	4.4	3.3	—
Service	3.0	3.8	4.2	3.1	2.8	—

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

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-2. Major industry division: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$17.74	-	\$13.76	\$22.58	-	-	-	-	-	\$16.88
All excluding sales	17.93	-	13.76	22.58	-	-	-	-	-	16.88
White collar	21.27	-	15.18	29.67	-	-	-	-	-	20.65
White-collar excluding sales	22.15	-	15.18	29.67	-	-	-	-	-	20.79
Professional specialty and technical	25.92	-	-	-	-	-	-	-	-	24.17
Professional specialty	28.14	-	-	-	-	-	-	-	-	26.18
Technical	20.02	-	-	-	-	-	-	-	-	18.31
Executive, administrative, and managerial	29.84	-	-	36.00	-	-	-	-	-	26.98
Sales	15.59	-	-	-	-	-	-	-	-	16.62
Administrative support, including clerical	13.58	-	-	-	-	-	-	-	-	12.09
Blue collar	15.07	-	13.68	19.94	-	-	-	-	-	12.60
Precision production, craft, and repair	19.12	-	15.96	22.70	-	-	-	-	-	16.62
Machine operators, assemblers, and inspectors	13.90	-	12.19	-	-	-	-	-	-	11.16
Transportation and material moving	14.50	-	14.27	16.74	-	-	-	-	-	9.62
Handlers, equipment cleaners, helpers, and laborers	11.55	-	-	15.07	-	-	-	-	-	9.07
Service	9.10	-	-	-	-	-	-	-	-	9.64
	Relative error ⁵ (percent)									
All occupations	2.3	-	6.5	8.6	-	-	-	-	-	4.0
All excluding sales	2.4	-	6.5	8.6	-	-	-	-	-	4.0
White collar	2.7	-	12.5	12.5	-	-	-	-	-	4.3
White-collar excluding sales	2.7	-	12.5	12.5	-	-	-	-	-	4.3
Professional specialty and technical	3.6	-	-	-	-	-	-	-	-	5.5
Professional specialty	4.1	-	-	-	-	-	-	-	-	6.4
Technical	3.6	-	-	-	-	-	-	-	-	3.8
Executive, administrative, and managerial	4.2	-	-	12.7	-	-	-	-	-	7.4
Sales	7.7	-	-	-	-	-	-	-	-	17.5
Administrative support, including clerical	1.8	-	-	-	-	-	-	-	-	2.8
Blue collar	2.8	-	5.9	8.8	-	-	-	-	-	6.8
Precision production, craft, and repair	3.2	-	7.7	10.6	-	-	-	-	-	3.3
Machine operators, assemblers, and inspectors	5.4	-	2.0	-	-	-	-	-	-	6.3
Transportation and material moving	6.3	-	5.5	8.2	-	-	-	-	-	17.3
Handlers, equipment cleaners, helpers, and laborers	3.5	-	-	7.0	-	-	-	-	-	5.7
Service	2.4	-	-	-	-	-	-	-	-	2.2

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

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	\$17.74	\$15.09	\$18.21	\$16.61	\$20.06
All excluding sales	17.93	14.56	18.47	16.90	20.18
White collar	21.27	18.61	21.59	20.50	22.62
White-collar excluding sales	22.15	18.88	22.44	21.85	22.93
Professional specialty and technical	25.92	22.48	26.07	25.00	26.83
Professional specialty	28.14	22.51	28.49	28.05	28.78
Technical	20.02	—	20.02	18.97	21.02
Executive, administrative, and managerial	29.84	28.11	30.02	32.19	28.10
Sales	15.59	18.10	14.61	13.87	16.94
Administrative support, including clerical	13.58	12.79	13.68	12.70	14.62
Blue collar	15.07	14.99	15.10	13.50	18.30
Precision production, craft, and repair	19.12	17.95	19.47	17.96	20.72
Machine operators, assemblers, and inspectors	13.90	13.18	14.10	12.44	17.89
Transportation and material moving	14.50	16.27	13.47	13.19	14.52
Handlers, equipment cleaners, helpers, and laborers	11.55	11.00	11.72	11.51	12.71
Service	9.10	6.93	9.51	8.53	10.72
	Relative error ⁴ (percent)				
All occupations	2.3	5.1	2.6	4.8	2.4
All excluding sales	2.4	5.3	2.6	4.8	2.4
White collar	2.7	6.5	2.9	5.6	2.5
White-collar excluding sales	2.7	7.3	2.9	5.6	2.6
Professional specialty and technical	3.6	11.1	3.7	8.4	2.7
Professional specialty	4.1	11.1	4.2	10.2	2.7
Technical	3.6	—	3.6	4.7	5.3
Executive, administrative, and managerial	4.2	7.8	4.6	7.7	4.2
Sales	7.7	15.4	8.6	10.1	14.6
Administrative support, including clerical	1.8	4.9	2.0	2.9	2.6
Blue collar	2.8	5.0	3.4	4.2	4.3
Precision production, craft, and repair	3.2	7.1	3.5	3.7	5.1
Machine operators, assemblers, and inspectors	5.4	8.8	6.5	7.9	4.9
Transportation and material moving	6.3	6.9	7.1	8.9	5.3
Handlers, equipment cleaners, helpers, and laborers	3.5	7.0	4.2	4.7	8.1
Service	2.4	9.0	2.5	3.7	2.5

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

Occupation ³	10	25	Median 50	75	90
All	\$8.10	\$10.89	\$15.93	\$22.27	\$33.43
All excluding sales	8.42	11.07	16.07	22.45	33.46
White collar	9.66	13.10	18.73	27.51	38.57
White collar excluding sales	10.80	13.91	19.63	28.85	39.64
Professional specialty and technical	15.00	18.91	24.52	34.71	43.06
Professional specialty	17.31	20.67	27.51	36.37	44.21
Engineers, architects, and surveyors	22.35	26.58	32.02	37.46	39.94
Civil engineers	26.58	26.58	33.23	38.92	38.92
Electrical and electronic engineers	24.19	28.31	30.49	34.71	38.44
Mechanical engineers	20.67	20.67	23.12	30.11	43.55
Engineers, n.e.c.	19.37	23.72	29.25	34.46	37.46
Mathematical and computer scientists	21.02	24.42	31.29	34.54	47.40
Computer systems analysts and scientists	20.60	24.32	29.54	34.30	37.63
Natural scientists	23.58	25.49	33.56	41.17	53.65
Biological and life scientists	19.30	28.38	28.76	40.13	40.13
Health related	17.16	19.94	21.88	24.81	30.06
Physicians	14.90	14.90	16.18	18.70	62.82
Registered nurses	19.28	20.57	22.10	24.74	27.95
Pharmacists	21.48	24.78	27.92	30.06	31.21
Respiratory therapists	16.85	19.61	20.14	22.71	26.19
Teachers, college and university	23.68	28.67	37.67	49.09	52.93
Art, drama, and music teachers	22.09	24.24	29.57	29.57	29.57
Other post-secondary teachers	26.72	29.45	33.86	49.09	49.09
Teachers, except college and university	17.31	29.24	35.83	41.25	44.21
Elementary school teachers	29.24	35.72	35.97	41.25	43.06
Secondary school teachers	35.83	37.44	41.25	46.39	47.79
Teachers, special education	22.86	28.00	35.37	38.19	40.46
Teachers, n.e.c.	14.25	17.79	30.85	30.85	30.85
Vocational and educational counselors	17.31	17.31	20.50	37.44	49.13
Librarians, archivists, and curators	18.16	38.08	38.08	38.08	38.08
Librarians	18.16	38.08	38.08	38.08	38.08
Social scientists and urban planners	13.62	24.76	30.91	44.98	47.47
Economists	26.59	26.59	35.49	47.47	47.47
Psychologists	12.72	20.43	35.34	44.98	48.03
Social, recreation, and religious workers	12.40	15.50	18.63	19.46	21.95
Social workers	11.75	15.50	17.57	20.59	21.95
Lawyers and judges	19.92	31.17	39.52	48.50	65.00
Lawyers	19.92	31.17	39.52	48.50	65.00
Writers, authors, entertainers, athletes, and professionals, n.e.c.	13.73	14.39	20.19	29.95	32.75
Public relations specialists	16.41	18.29	25.33	32.82	41.20
Professional, n.e.c.	13.73	18.31	27.00	32.41	32.41
Technical	13.22	15.16	18.19	21.89	27.26
Clinical laboratory technologists and technicians	12.02	12.02	12.73	16.82	19.78
Radiological technicians	17.34	18.19	18.91	21.09	23.17
Licensed practical nurses	13.99	15.16	16.34	17.35	17.61
Health technologists and technicians, n.e.c.	11.13	12.85	13.91	15.96	21.46
Electrical and electronic technicians	15.96	16.44	19.18	24.14	32.88
Engineering technicians, n.e.c.	14.99	18.10	18.10	21.17	25.75
Drafters	12.90	19.39	21.72	28.09	29.60
Chemical technicians	13.73	16.20	18.43	21.89	22.13
Science technicians, n.e.c.	13.97	15.12	18.99	21.27	22.70
Computer programmers	15.00	15.92	22.39	26.50	31.45
Technical and related, n.e.c.	11.09	14.77	21.04	27.26	34.98
Executive, administrative, and managerial	15.93	19.96	26.00	35.46	50.10
Executives, administrators, and managers	18.60	23.95	29.97	40.15	52.60
Administrators and officials, public administration	16.81	23.95	25.78	25.85	29.23
Financial managers	22.52	26.54	33.33	50.71	53.75
Personnel and labor relations managers	24.84	28.85	38.46	38.57	84.14
Purchasing managers	16.24	19.44	24.14	30.67	32.58
Managers, marketing, advertising, and public relations	21.74	26.10	33.43	43.27	51.12
Administrators, education and related fields	16.98	23.94	29.97	40.15	43.90
Managers, medicine and health	19.36	22.63	28.51	34.00	58.91
Managers, food servicing and lodging establishments	15.80	16.02	23.95	29.81	34.43

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Executives, administrators, and managers —Continued					
Managers, service organizations, n.e.c.	\$15.75	\$20.53	\$27.47	\$41.60	\$57.72
Managers and administrators, n.e.c.	17.20	24.23	30.96	43.05	56.56
Management related	13.40	16.81	20.51	25.53	33.33
Accountants and auditors	15.40	16.31	18.76	21.58	24.88
Other financial officers	17.38	19.54	19.95	28.21	32.25
Management analysts	19.07	24.77	26.54	34.24	36.56
Personnel, training, and labor relations specialists	17.35	19.81	24.06	27.04	50.74
Purchasing agents and buyers, n.e.c.	10.00	13.46	20.41	20.67	29.07
Inspectors and compliance officers, except construction	14.04	14.04	18.96	18.96	23.41
Management related, n.e.c.	9.52	13.84	19.48	25.53	29.82
Sales	6.75	7.66	11.60	18.47	28.11
Supervisors, sales	15.42	17.00	25.37	30.00	50.00
Advertising and related sales	8.34	13.45	16.62	21.10	25.46
Sales, other business services	12.86	14.26	25.00	53.06	53.06
Sales representatives, mining, manufacturing, and wholesale	7.63	16.82	21.44	24.06	24.06
Sales workers, other commodities	6.29	7.15	9.26	12.45	24.04
Sales counter clerks	6.85	7.15	9.75	11.11	11.63
Cashiers	6.75	7.61	9.54	11.57	14.92
Sales support, n.e.c.	10.29	18.56	26.03	26.03	26.03
Administrative support, including clerical	9.00	10.92	13.10	15.78	19.18
Supervisors, general office	14.42	19.67	21.32	21.75	22.54
Supervisors, financial records processing	11.68	11.68	14.78	18.66	20.34
Computer operators	12.39	12.65	13.89	16.56	18.57
Secretaries	11.81	13.04	14.98	17.36	20.00
Typists	9.79	11.96	12.07	13.66	15.10
Interviewers	7.18	7.18	7.18	11.00	13.37
Hotel clerks	8.55	8.80	9.80	10.89	15.55
Receptionists	8.50	9.13	10.98	12.87	13.65
Information clerks, n.e.c.	9.27	11.86	13.24	13.85	15.93
Order clerks	10.00	11.70	14.26	19.37	21.13
Library clerks	8.11	10.28	11.98	14.46	14.68
File clerks	8.27	8.27	9.20	10.38	11.11
Records clerks, n.e.c.	9.16	9.30	11.52	15.11	15.75
Bookkeepers, accounting and auditing clerks	10.40	11.18	12.67	14.29	16.21
Payroll and timekeeping clerks	11.24	14.06	14.39	15.91	16.58
Billing clerks	10.21	10.21	12.02	12.37	13.51
Duplicating machine operators	7.50	9.23	9.79	9.79	10.64
Telephone operators	9.28	10.08	14.27	16.13	16.13
Mail clerks, except postal service	8.10	8.89	10.22	12.78	13.89
Dispatchers	7.50	10.36	12.69	14.00	16.40
Traffic, shipping and receiving clerks	8.00	8.00	11.57	14.25	20.80
Stock and inventory clerks	8.40	9.61	11.80	14.00	20.71
Insurance adjusters, examiners, and investigators	12.08	13.68	15.12	15.20	24.15
Investigators and adjusters, except insurance	10.73	11.35	13.01	14.23	20.82
Bill and account collectors	8.83	10.66	11.06	14.35	14.74
General office clerks	8.78	9.62	12.51	16.05	18.53
Data entry keyers	8.00	9.00	11.00	12.88	13.20
Teachers' aides	8.45	8.83	10.80	12.23	14.20
Administrative support, n.e.c.	10.12	11.45	14.40	15.69	18.90
Blue collar	8.17	11.07	15.35	18.52	22.00
Precision production, craft, and repair	13.20	15.73	18.31	22.00	25.36
Supervisors, mechanics and repairers	13.20	13.20	18.71	19.89	28.30
Automobile mechanics	16.11	17.10	17.95	21.43	21.43
Bus, truck, and stationary engine mechanics	15.50	15.50	17.60	19.69	20.61
Industrial machinery repairers	16.09	16.39	18.50	19.57	22.13

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Precision production, craft, and repair —Continued					
Electronic repairers, communications and industrial equipment	\$20.07	\$21.80	\$23.33	\$25.36	\$25.36
Data processing equipment repairers	11.16	14.20	15.42	15.42	18.88
Heating, air conditioning, and refrigeration mechanics	18.20	18.95	23.06	23.06	24.51
Mechanics and repairers, n.e.c.	11.00	15.16	17.72	19.87	20.69
Electricians	15.35	15.84	17.20	22.13	26.08
Plumbers, pipefitters and steamfitters	17.67	24.24	29.29	29.29	29.45
Construction trades, n.e.c.	13.24	13.96	16.95	16.95	17.25
Supervisors, production	16.27	16.91	18.73	20.52	27.45
Electrical and electronic equipment assemblers ..	7.84	9.18	12.80	14.57	15.73
Inspectors, testers, and graders	14.10	14.10	19.15	26.61	32.90
Stationary engineers	14.37	14.37	15.27	18.62	21.60
Machine operators, assemblers, and inspectors	8.38	10.18	13.84	17.43	21.03
Grinding, abrading, buffing, and polishing machine operators	14.45	14.45	18.26	19.09	19.09
Textile sewing machine operators	5.85	5.85	7.63	9.03	10.21
Mixing and blending machine operators	12.87	14.98	16.50	22.13	22.13
Miscellaneous machine operators, n.e.c.	10.18	10.18	12.58	16.51	21.03
Assemblers	7.45	9.80	10.00	21.03	23.84
Production inspectors, checkers and examiners ..	11.11	13.84	13.84	17.20	21.13
Transportation and material moving	7.38	11.00	15.96	17.97	19.00
Truck drivers	9.40	14.95	16.99	19.00	19.00
Bus drivers	10.50	10.50	13.59	17.68	17.93
Taxicab drivers and chauffeurs	6.88	6.88	7.05	7.50	10.40
Motor transportation, n.e.c.	6.09	7.38	7.80	10.50	18.55
Excavating and loading machine operators	11.13	13.14	14.27	14.27	16.69
Industrial truck and tractor equipment operators ..	10.51	11.94	11.94	11.94	13.73
Handlers, equipment cleaners, helpers, and laborers	7.18	8.85	11.89	14.83	16.98
Groundskeepers and gardeners, except farm	8.31	8.50	13.00	14.92	15.50
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.44	14.83	16.50	17.48	23.18
Construction laborers	10.00	11.89	12.65	18.11	18.13
Production helpers	6.03	6.03	11.20	13.12	13.12
Stock handlers and baggers	6.05	6.85	9.05	13.32	16.50
Freight, stock, and material handlers, n.e.c.	9.68	10.87	11.58	18.59	19.41
Hand packers and packagers	7.90	8.17	9.45	11.20	13.54
Laborers, except construction, n.e.c.	7.18	8.48	12.19	15.01	16.15
Service	5.57	7.95	9.81	13.03	19.04
Protective service	8.41	10.70	17.20	21.59	25.06
Supervisors, police and detectives	21.59	21.59	24.92	27.81	31.45
Supervisors, guards	11.14	16.15	17.71	21.41	23.79
Police and detectives, public service	17.52	19.04	20.73	23.22	25.06
Correctional institution officers	10.70	13.55	16.06	22.39	28.01
Guards and police, except public service	8.11	8.41	9.34	10.24	12.93
Protective service, n.e.c.	5.53	5.53	6.85	10.13	10.13
Food service	2.83	5.50	8.00	9.96	12.27
Waiters, waitresses, and bartenders	2.13	2.39	3.13	6.36	8.13
Bartenders	2.13	2.13	4.00	6.10	12.65
Waiters and waitresses	2.13	2.25	2.83	6.15	8.13
Waiters/Waitresses' assistants	2.83	3.13	5.57	7.83	9.65
Other food service	5.63	6.89	8.90	10.51	12.84
Supervisors, food preparation and service	9.00	10.51	13.65	14.04	22.80
Cooks	7.00	8.75	10.50	12.05	14.58
Food counter, fountain, and related	5.40	5.40	8.22	9.41	9.96
Kitchen workers, food preparation	7.95	8.48	9.35	10.57	12.50
Food preparation, n.e.c.	5.63	5.95	7.50	9.89	11.42
Health service	8.07	8.60	9.67	10.90	13.85
Health aides, except nursing	7.67	8.58	9.79	10.90	13.40
Nursing aides, orderlies and attendants	8.07	8.60	9.60	10.65	14.16

See footnotes at end of table.

Table 6-1. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ³	10	25	Median 50	75	90
Service --Continued					
Cleaning and building service	\$7.54	\$8.83	\$10.89	\$12.14	\$14.48
Supervisors, cleaning and building service workers	10.08	12.00	12.45	16.08	16.08
Maids and housemen	7.31	8.00	9.27	10.37	12.37
Janitors and cleaners	7.64	9.14	10.94	13.03	15.40
Personal service	5.42	6.83	8.87	12.27	18.61
Supervisors, personal service	13.50	20.03	23.08	24.13	26.60
Attendants, amusement, and recreation facilities	5.35	5.42	6.24	8.00	9.69
Welfare service aides	8.01	8.01	10.50	12.48	14.29
Early childhood teachers' assistants	6.50	6.83	7.16	8.00	10.26
Child care workers, n.e.c.	7.06	7.26	8.66	10.71	12.27
Service, n.e.c.	7.00	7.94	10.89	11.53	12.77

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, 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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$7.80	\$10.18	\$15.16	\$21.44	\$30.58
All excluding sales	8.03	10.47	15.47	21.54	30.77
White collar	9.52	12.75	18.19	25.65	36.56
White collar excluding sales	10.38	13.68	19.00	26.31	37.48
Professional specialty and technical	14.90	18.35	22.69	30.43	39.64
Professional specialty	16.44	20.48	24.98	33.22	43.61
Engineers, architects, and surveyors	22.35	26.55	32.46	38.28	41.54
Electrical and electronic engineers	24.19	28.31	30.49	34.71	38.44
Mechanical engineers	20.67	20.67	22.50	31.35	43.55
Engineers, n.e.c.	19.37	23.72	29.25	34.46	37.46
Mathematical and computer scientists	21.02	24.42	31.29	34.54	47.40
Computer systems analysts and scientists	20.60	24.32	29.54	34.30	37.63
Natural scientists	23.58	25.49	34.30	41.17	53.65
Biological and life scientists	19.30	28.38	28.76	40.13	40.13
Health related	17.16	19.91	21.48	24.30	26.39
Physicians	14.90	14.90	16.18	18.70	72.99
Registered nurses	19.00	20.53	21.97	24.00	25.92
Pharmacists	21.48	24.78	27.92	30.06	31.21
Respiratory therapists	16.85	19.61	20.14	22.71	26.19
Teachers, college and university	23.68	28.67	37.67	49.09	52.93
Art, drama, and music teachers	22.09	24.24	29.57	29.57	29.57
Teachers, except college and university	9.77	16.01	18.56	21.26	28.09
Elementary school teachers	17.29	17.29	18.87	19.82	25.00
Teachers, special education	14.98	22.98	23.57	30.43	30.43
Teachers, n.e.c.	7.67	14.25	17.79	18.56	21.71
Librarians, archivists, and curators	-	-	-	-	-
Social scientists and urban planners	13.62	20.43	26.59	36.37	47.47
Economists	26.59	26.59	35.49	47.47	47.47
Psychologists	10.12	12.72	20.43	24.76	26.02
Social, recreation, and religious workers	11.75	13.38	16.21	18.47	19.21
Social workers	11.75	13.38	15.94	17.57	19.21
Lawyers and judges	19.92	37.48	39.52	48.50	65.00
Lawyers	19.92	37.48	39.52	48.50	65.00
Writers, authors, entertainers, athletes, and professionals, n.e.c.	14.10	14.39	19.80	29.95	32.82
Public relations specialists	16.41	18.29	25.33	32.82	41.20
Technical	12.98	15.16	18.22	21.89	26.50
Clinical laboratory technologists and technicians	12.02	12.02	12.73	16.82	19.78
Radiological technicians	17.34	18.19	18.91	21.09	23.17
Licensed practical nurses	13.91	15.16	16.00	17.35	17.61
Health technologists and technicians, n.e.c.	11.13	12.85	13.91	16.20	21.46
Electrical and electronic technicians	15.96	16.44	19.18	24.14	32.88
Engineering technicians, n.e.c.	12.09	14.99	21.17	24.82	28.40
Drafters	12.90	19.39	21.72	28.09	29.60
Chemical technicians	13.73	16.20	18.43	21.89	22.13
Science technicians, n.e.c.	13.97	13.97	18.34	21.27	22.70
Computer programmers	15.00	15.92	21.34	25.03	34.08
Technical and related, n.e.c.	14.77	16.38	21.04	27.26	34.98
Executive, administrative, and managerial	15.92	20.41	26.15	35.84	50.72
Executives, administrators, and managers	18.16	23.58	30.00	41.60	56.56
Financial managers	22.52	27.96	33.33	50.71	53.75
Personnel and labor relations managers	24.84	28.85	38.46	38.57	84.14
Purchasing managers	16.24	16.24	24.14	30.67	30.67
Managers, marketing, advertising, and public relations	21.74	26.10	33.43	43.27	51.12
Administrators, education and related fields	16.98	19.96	29.97	35.79	79.84
Managers, medicine and health	19.36	22.88	28.51	34.00	58.91
Managers, food servicing and lodging establishments	15.80	15.81	23.95	23.95	30.43
Managers, service organizations, n.e.c.	14.89	20.53	28.10	44.83	57.72
Managers and administrators, n.e.c.	17.20	24.23	31.25	43.63	56.56
Management related	11.20	16.55	20.67	26.15	33.85
Accountants and auditors	14.23	16.31	17.55	21.03	28.10
Other financial officers	17.44	19.93	20.42	28.21	32.25

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Management related—Continued					
Management analysts	\$19.07	\$20.41	\$25.85	\$36.56	\$40.87
Personnel, training, and labor relations specialists	17.35	19.11	23.32	27.04	50.74
Purchasing agents and buyers, n.e.c.	10.00	13.46	20.41	20.67	29.07
Management related, n.e.c.	9.52	9.52	19.48	26.15	30.20
Sales	6.72	7.65	11.60	18.47	28.11
Supervisors, sales	15.42	17.00	25.37	30.00	50.00
Advertising and related sales	8.34	13.45	16.62	21.10	25.46
Sales, other business services	12.86	14.26	25.00	53.06	53.06
Sales representatives, mining, manufacturing, and wholesale	7.63	16.82	21.44	24.06	24.06
Sales workers, other commodities	6.29	7.15	9.26	12.45	24.04
Sales counter clerks	6.85	7.15	9.75	11.11	11.63
Cashiers	6.75	7.51	9.53	11.29	14.92
Sales support, n.e.c.	10.29	18.56	26.03	26.03	26.03
Administrative support, including clerical	9.00	10.66	13.00	15.93	19.18
Supervisors, general office	14.42	19.67	19.67	21.32	21.75
Supervisors, financial records processing	11.68	11.68	14.78	18.66	20.34
Computer operators	12.39	12.65	13.89	16.56	18.57
Secretaries	11.64	12.99	15.29	17.36	20.00
Typists	9.00	9.79	11.73	15.10	20.19
Interviewers	7.18	7.18	7.18	11.00	13.37
Hotel clerks	8.55	8.80	9.80	10.89	15.55
Receptionists	8.50	9.13	10.82	12.87	13.65
Information clerks, n.e.c.	9.27	11.86	13.24	13.85	15.93
Order clerks	10.00	11.70	14.26	19.37	21.13
Library clerks	8.00	10.28	10.28	10.92	11.15
File clerks	8.27	8.27	9.20	10.38	11.11
Records clerks, n.e.c.	9.16	9.30	11.41	15.11	15.75
Bookkeepers, accounting and auditing clerks	10.24	10.99	12.67	13.23	16.21
Payroll and timekeeping clerks	11.24	14.06	14.39	15.91	16.58
Billing clerks	10.21	10.21	12.02	12.37	13.51
Duplicating machine operators	7.50	9.23	9.79	9.79	10.64
Telephone operators	9.28	10.08	14.27	16.13	16.13
Mail clerks, except postal service	8.10	8.33	9.79	12.78	12.78
Traffic, shipping and receiving clerks	8.00	8.00	11.57	14.25	20.80
Stock and inventory clerks	8.40	9.61	11.80	14.00	20.71
Insurance adjusters, examiners, and investigators	12.08	13.68	15.12	15.12	24.15
Investigators and adjusters, except insurance	9.85	11.35	12.60	13.87	20.06
Bill and account collectors	8.83	10.66	11.06	14.35	14.74
General office clerks	8.50	9.49	11.59	16.32	18.49
Data entry keyers	8.00	9.00	11.00	12.88	13.20
Teachers' aides	9.00	9.00	9.00	11.42	13.70
Administrative support, n.e.c.	10.12	11.40	14.25	15.69	19.18
Blue collar	8.03	10.57	15.13	18.55	22.13
Precision production, craft, and repair	13.18	15.45	18.50	22.13	26.08
Supervisors, mechanics and repairers	13.20	13.20	13.20	19.89	28.30
Industrial machinery repairers	16.09	16.39	18.50	19.57	22.13
Electronic repairers, communications and industrial equipment	20.07	21.80	23.33	25.36	25.36
Data processing equipment repairers	11.16	14.20	15.42	15.42	18.88
Mechanics and repairers, n.e.c.	11.00	15.16	17.72	19.87	20.69
Electricians	15.35	15.45	18.31	24.52	26.08
Supervisors, production	16.27	16.91	18.73	20.52	27.45
Electrical and electronic equipment assemblers ..	7.84	9.18	12.80	14.57	15.73
Inspectors, testers, and graders	14.10	14.10	19.15	26.61	32.90

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors	\$8.38	\$10.18	\$13.84	\$17.43	\$21.03
Grinding, abrading, buffing, and polishing					
machine operators	14.45	14.45	18.26	19.09	19.09
Textile sewing machine operators	5.85	5.85	7.63	9.03	10.21
Mixing and blending machine operators	12.87	14.98	16.50	22.13	22.13
Miscellaneous machine operators, n.e.c.	10.18	10.18	12.58	16.51	21.03
Assemblers	7.45	9.80	10.00	21.03	23.84
Production inspectors, checkers and examiners ..	11.11	13.84	13.84	17.20	21.13
Transportation and material moving	7.11	10.51	15.50	17.97	19.00
Truck drivers	8.94	14.95	16.74	19.00	19.00
Bus drivers	8.10	10.50	10.50	17.93	17.93
Taxicab drivers and chauffeurs	6.88	6.88	7.05	7.50	7.50
Motor transportation, n.e.c.	6.09	7.38	7.80	10.50	18.55
Excavating and loading machine operators	11.13	13.14	14.27	14.27	16.69
Industrial truck and tractor equipment operators ..	10.51	11.94	11.94	11.94	13.73
Handlers, equipment cleaners, helpers, and laborers	6.92	8.48	11.20	13.54	17.00
Groundskeepers and gardeners, except farm	8.31	8.31	8.87	13.00	13.26
Supervisors, handlers, equipment cleaners, and					
laborers, n.e.c.	14.44	16.50	17.24	20.73	23.18
Construction laborers	10.00	11.89	12.65	18.11	18.13
Production helpers	6.03	6.03	11.20	13.12	13.12
Stock handlers and baggers	6.05	6.85	9.05	13.32	16.50
Freight, stock, and material handlers, n.e.c.	9.68	10.87	11.58	18.59	19.41
Hand packers and packagers	7.90	8.17	9.45	11.20	13.54
Laborers, except construction, n.e.c.	7.18	7.96	9.68	12.60	16.15
Service	5.40	7.15	8.80	10.70	12.48
Protective service	5.53	8.11	9.61	10.70	12.93
Guards and police, except public service	8.11	8.41	9.14	10.16	12.14
Protective service, n.e.c.	5.53	5.53	6.85	10.13	10.13
Food service	2.45	5.40	7.37	9.36	11.57
Waiters, waitresses, and bartenders	2.13	2.39	3.13	6.36	8.13
Bartenders	2.13	2.13	4.00	6.10	12.65
Waiters and waitresses	2.13	2.25	2.83	6.15	8.13
Waiters/Waitresses' assistants	2.83	3.13	5.57	7.83	9.65
Other food service	5.63	6.55	8.63	10.34	12.05
Supervisors, food preparation and service	9.00	10.51	13.65	14.04	22.80
Cooks	7.00	8.75	9.97	12.05	14.58
Food counter, fountain, and related	5.40	5.40	7.84	9.41	9.96
Kitchen workers, food preparation	7.77	8.40	9.21	10.05	10.57
Food preparation, n.e.c.	5.63	5.80	7.37	8.55	10.26
Health service	8.00	8.51	9.30	10.47	12.02
Health aides, except nursing	7.58	8.50	9.79	10.76	11.73
Nursing aides, orderlies and attendants	8.04	8.43	9.20	10.21	11.40

See footnotes at end of table.

Table 6-2. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Service —Continued					
Cleaning and building service	\$7.18	\$8.23	\$10.02	\$11.23	\$12.45
Supervisors, cleaning and building service workers	10.08	12.00	12.45	16.08	16.08
Maids and housemen	7.31	8.00	9.27	10.37	12.37
Janitors and cleaners	6.75	8.51	10.50	11.23	12.07
Personal service	5.35	6.83	8.79	12.10	18.61
Supervisors, personal service	13.50	20.03	23.08	24.13	26.60
Attendants, amusement, and recreation facilities	5.35	5.42	6.24	8.00	9.69
Welfare service aides	8.01	8.01	10.46	12.45	12.57
Early childhood teachers' assistants	6.50	6.83	7.16	8.00	10.26
Child care workers, n.e.c.	7.26	7.26	8.66	10.71	11.96
Service, n.e.c.	7.00	7.94	10.35	11.51	12.77

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, 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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-3. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$11.77	\$14.45	\$18.63	\$29.82	\$40.15
All excluding sales	11.93	14.46	18.71	30.19	40.15
White collar	12.07	14.97	24.30	35.97	42.49
White collar excluding sales	12.07	14.97	24.65	36.17	42.49
Professional specialty and technical	18.16	24.65	35.72	41.25	45.51
Professional specialty	19.43	27.77	35.73	41.25	45.51
Engineers, architects, and surveyors	—	—	—	—	—
Natural scientists	—	—	—	—	—
Health related	18.47	23.54	34.43	45.51	45.51
Registered nurses	19.43	25.66	34.43	45.51	45.51
Teachers, college and university	23.00	29.45	40.39	42.91	59.74
Other post-secondary teachers	26.72	31.55	40.39	42.91	59.74
Teachers, except college and university	29.24	35.47	37.35	41.25	46.39
Elementary school teachers	35.47	35.72	37.35	41.25	43.06
Secondary school teachers	35.83	40.04	41.25	46.39	47.79
Teachers, special education	22.86	28.00	35.47	38.19	40.46
Teachers, n.e.c.	30.85	30.85	30.85	30.85	30.85
Vocational and educational counselors	17.81	20.81	37.44	49.13	49.13
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	17.02	18.63	19.46	20.59	24.65
Social workers	17.06	19.46	20.59	21.61	24.65
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	10.22	18.31	20.19	20.90	26.14
Technical	13.55	16.54	18.10	23.80	27.62
Licensed practical nurses	15.07	15.07	16.87	16.93	16.93
Executive, administrative, and managerial	16.81	18.96	25.42	32.21	40.15
Executives, administrators, and managers	19.44	25.40	28.10	36.38	40.73
Administrators and officials, public administration	16.81	23.95	25.78	25.85	29.23
Administrators, education and related fields	26.22	29.15	36.38	40.15	40.73
Management related	15.45	18.58	18.76	24.60	29.82
Sales	11.27	11.57	11.57	17.27	19.39
Cashiers	11.27	11.57	11.57	17.27	19.39
Administrative support, including clerical	10.46	12.01	13.66	14.97	18.63
Secretaries	12.85	13.68	14.27	17.69	20.00
Typists	12.07	12.07	12.07	13.09	14.63
Library clerks	8.70	11.98	14.26	14.68	14.68
Bookkeepers, accounting and auditing clerks	12.05	13.47	14.29	14.29	17.33
General office clerks	12.38	12.51	13.51	15.00	18.63
Teachers' aides	8.45	8.83	11.60	12.23	14.20
Administrative support, n.e.c.	11.45	11.54	14.97	15.85	17.88
Blue collar	13.59	14.71	16.95	18.21	20.85
Precision production, craft, and repair	14.37	16.50	17.67	20.61	21.48
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	11.65	13.59	17.68	18.14	18.52
Bus drivers	12.50	13.59	17.68	17.68	17.68
Handlers, equipment cleaners, helpers, and laborers	12.61	14.46	14.83	15.01	16.66
Laborers, except construction, n.e.c.	14.46	14.46	15.01	16.43	16.51
Service	10.46	13.37	16.14	21.59	25.06
Protective service	14.93	16.66	19.04	22.88	27.09
Supervisors, police and detectives	21.59	21.59	24.92	27.81	31.45
Police and detectives, public service	17.52	19.04	20.73	23.22	25.06
Correctional institution officers	13.55	14.93	16.66	22.39	33.30
Food service	8.90	9.89	11.85	13.44	14.46

See footnotes at end of table.

Table 6-3. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	State and local government				
	10	25	Median 50	75	90
Service —Continued					
Food service —Continued					
Other food service	\$8.90	\$9.89	\$11.85	\$13.44	\$14.46
Food preparation, n.e.c.	9.26	9.89	11.42	14.46	14.46
Health service	10.33	10.64	14.31	16.18	30.93
Nursing aides, orderlies and attendants	10.33	10.65	14.31	16.18	30.93
Cleaning and building service	9.36	11.07	13.37	15.50	16.07
Janitors and cleaners	9.36	11.07	13.37	15.50	16.07
Personal service	5.50	9.00	9.00	14.29	16.58

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, 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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

Occupation ³	10	25	Median 50	75	90
All	\$9.01	\$11.80	\$16.56	\$23.18	\$34.54
All excluding sales	9.05	11.94	16.71	23.13	34.54
White collar	10.77	13.89	19.46	29.00	40.04
White collar excluding sales	11.29	14.37	20.13	29.81	40.22
Professional specialty and technical	15.24	19.30	25.33	35.49	43.06
Professional specialty	17.56	20.90	29.00	37.44	45.51
Engineers, architects, and surveyors	22.35	26.58	32.08	37.46	39.94
Civil engineers	26.58	26.58	33.23	38.92	38.92
Electrical and electronic engineers	24.19	28.31	30.49	34.71	38.44
Mechanical engineers	20.67	20.67	22.50	30.11	43.55
Engineers, n.e.c.	19.37	23.72	29.25	34.46	37.46
Mathematical and computer scientists	21.02	24.42	31.29	34.54	47.40
Computer systems analysts and scientists	20.60	24.32	29.54	34.30	37.63
Natural scientists	23.58	25.49	33.56	41.17	53.65
Biological and life scientists	19.30	28.38	28.76	40.13	40.13
Health related	16.37	19.65	21.48	24.81	34.12
Physicians	14.90	14.90	16.18	18.70	62.82
Registered nurses	19.43	20.57	22.27	24.81	28.50
Pharmacists	21.48	24.78	30.06	31.21	31.21
Teachers, college and university	27.34	31.66	42.36	49.09	52.93
Other post-secondary teachers	27.34	32.39	40.39	49.09	49.09
Teachers, except college and university	18.56	30.43	35.97	41.25	44.21
Elementary school teachers	29.24	35.72	35.97	41.25	43.06
Secondary school teachers	35.83	37.44	41.25	46.39	47.79
Teachers, special education	22.86	28.00	35.47	38.19	40.46
Teachers, n.e.c.	14.50	18.56	30.85	30.85	30.85
Vocational and educational counselors	17.31	17.31	20.50	37.44	49.13
Librarians, archivists, and curators	18.16	38.08	38.08	38.08	38.08
Librarians	18.16	38.08	38.08	38.08	38.08
Social scientists and urban planners	13.62	23.73	35.34	44.98	47.47
Economists	26.59	26.59	35.49	47.47	47.47
Psychologists	12.72	20.43	35.34	44.98	48.03
Social, recreation, and religious workers	12.40	14.76	18.63	19.46	21.61
Social workers	11.75	14.76	17.57	20.59	21.61
Lawyers and judges	19.92	31.17	39.52	48.50	65.00
Lawyers	19.92	31.17	39.52	48.50	65.00
Writers, authors, entertainers, athletes, and professionals, n.e.c.	14.37	15.00	19.80	27.30	32.41
Public relations specialists	16.41	18.29	25.33	32.82	41.20
Professional, n.e.c.	13.73	18.31	27.00	32.41	32.41
Technical	13.34	15.29	18.43	22.24	27.62
Clinical laboratory technologists and technicians	12.02	12.02	12.20	14.71	17.19
Radiological technicians	18.19	18.50	19.79	21.09	23.17
Licensed practical nurses	15.00	15.16	16.50	17.35	17.61
Health technologists and technicians, n.e.c.	11.14	12.86	13.91	16.20	21.46
Electrical and electronic technicians	15.96	16.44	19.18	24.14	32.88
Engineering technicians, n.e.c.	14.99	18.10	18.10	21.17	25.75
Drafters	12.90	19.39	21.72	28.09	29.60
Chemical technicians	13.73	16.20	18.43	21.89	22.13
Science technicians, n.e.c.	13.97	15.12	18.99	21.27	22.70
Computer programmers	15.29	15.92	22.39	26.50	31.45
Technical and related, n.e.c.	13.55	14.77	21.04	27.26	34.98
Executive, administrative, and managerial	15.93	20.19	26.10	35.46	50.55
Executives, administrators, and managers	18.60	23.95	30.00	40.15	53.13
Administrators and officials, public administration	16.81	23.95	25.78	25.85	29.23
Financial managers	22.52	26.54	33.33	50.71	53.75
Personnel and labor relations managers	24.84	28.85	38.46	38.57	84.14
Purchasing managers	16.24	19.44	24.14	30.67	32.58
Managers, marketing, advertising, and public relations	21.74	26.10	33.43	43.27	51.12
Administrators, education and related fields	16.98	23.94	29.97	40.15	43.90
Managers, medicine and health	18.60	22.88	28.51	34.08	58.91
Managers, food servicing and lodging establishments	15.80	16.02	23.95	29.81	34.43
Managers, service organizations, n.e.c.	15.75	20.53	27.47	41.60	57.72
Managers and administrators, n.e.c.	17.20	24.23	30.96	43.05	56.56

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Management related	\$13.40	\$16.73	\$20.51	\$25.53	\$33.33
Accountants and auditors	14.23	16.31	18.76	21.58	24.36
Other financial officers	17.38	19.54	19.95	28.21	32.25
Management analysts	19.07	24.77	26.54	34.24	36.56
Personnel, training, and labor relations specialists	17.35	19.81	24.06	27.04	50.74
Purchasing agents and buyers, n.e.c.	10.00	13.46	20.41	20.67	29.07
Inspectors and compliance officers, except construction	14.04	14.04	18.96	18.96	23.41
Management related, n.e.c.	9.52	13.84	19.48	25.53	29.82
Sales					
Supervisors, sales	7.65	10.10	14.92	24.06	34.29
Sales, other business services	15.42	17.00	25.37	30.00	50.00
Sales, other business services	12.86	14.26	25.00	53.06	53.06
Sales representatives, mining, manufacturing, and wholesale	7.63	16.82	21.44	24.06	24.06
Sales workers, other commodities	7.37	9.05	11.00	18.73	25.37
Cashiers	7.88	9.10	10.77	12.91	15.35
Sales support, n.e.c.	10.29	18.56	26.03	26.03	26.03
Administrative support, including clerical					
Supervisors, general office	9.58	11.35	13.54	16.13	19.37
Supervisors, general office	14.42	19.67	21.32	21.75	22.54
Supervisors, financial records processing	11.68	11.68	14.78	18.66	20.34
Computer operators	12.39	12.65	13.89	16.56	18.57
Secretaries	11.81	13.06	15.07	17.40	20.00
Typists	9.79	11.96	12.07	13.66	15.10
Hotel clerks	8.55	8.80	9.80	10.89	15.55
Receptionists	8.50	9.13	11.30	13.33	13.65
Information clerks, n.e.c.	11.86	11.86	13.24	13.85	15.93
Order clerks	11.00	11.70	14.48	19.37	21.13
Library clerks	10.10	10.28	11.15	14.68	14.68
Records clerks, n.e.c.	9.16	10.58	11.52	15.11	15.75
Bookkeepers, accounting and auditing clerks	10.40	11.18	12.67	14.29	16.21
Payroll and timekeeping clerks	11.24	14.06	14.39	15.91	16.58
Billing clerks	10.21	10.21	12.02	12.37	13.51
Telephone operators	9.28	10.08	14.27	16.13	16.13
Mail clerks, except postal service	8.33	8.89	10.22	12.78	13.89
Dispatchers	7.50	10.92	12.69	14.00	20.84
Traffic, shipping and receiving clerks	8.00	8.00	11.57	14.25	20.80
Stock and inventory clerks	8.68	10.25	11.80	14.00	20.71
Insurance adjusters, examiners, and investigators	12.08	13.68	15.12	15.20	24.15
Investigators and adjusters, except insurance	10.73	11.35	13.01	14.23	20.82
Bill and account collectors	10.66	10.66	11.80	14.35	14.74
General office clerks	9.01	10.46	12.75	16.83	18.63
Data entry keyers	8.00	9.08	11.01	13.08	13.20
Teachers' aides	8.83	8.83	11.42	12.01	13.70
Administrative support, n.e.c.	10.12	11.54	14.45	16.16	18.90
Blue collar					
Precision production, craft, and repair					
Supervisors, mechanics and repairers	13.23	15.90	18.43	22.02	25.36
Supervisors, mechanics and repairers	13.20	13.20	18.71	19.89	28.30
Automobile mechanics	16.11	17.10	17.95	21.43	21.43
Bus, truck, and stationary engine mechanics	15.50	15.50	17.60	19.69	20.61
Industrial machinery repairers	16.09	16.39	18.50	19.57	22.13
Electronic repairers, communications and industrial equipment	20.07	21.80	23.33	25.36	25.36
Data processing equipment repairers	11.16	14.20	15.42	15.42	18.88
Heating, air conditioning, and refrigeration mechanics	18.20	18.95	23.06	23.06	24.51
Mechanics and repairers, n.e.c.	12.51	15.64	18.43	19.87	20.69
Electricians	15.35	15.84	17.20	22.13	26.08
Plumbers, pipefitters and steamfitters	17.67	24.24	29.29	29.29	29.45
Construction trades, n.e.c.	13.24	13.96	16.95	16.95	17.25

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Precision production, craft, and repair —Continued					
Supervisors, production	\$16.27	\$16.91	\$18.73	\$20.52	\$27.45
Electrical and electronic equipment assemblers ..	7.84	9.18	12.80	14.57	15.73
Inspectors, testers, and graders	14.10	14.10	19.15	26.61	32.90
Stationary engineers	14.37	14.37	15.27	18.62	21.60
Machine operators, assemblers, and inspectors	8.38	10.18	13.84	17.47	21.03
Grinding, abrading, buffing, and polishing machine operators	14.45	14.45	18.26	19.09	19.09
Textile sewing machine operators	5.85	5.85	7.63	9.03	10.21
Mixing and blending machine operators	12.87	14.98	16.50	22.13	22.13
Miscellaneous machine operators, n.e.c.	10.18	10.18	12.58	16.51	21.03
Assemblers	7.45	9.80	10.00	21.03	23.84
Production inspectors, checkers and examiners ..	11.11	13.84	13.84	17.20	21.13
Transportation and material moving	7.50	12.00	16.15	18.20	19.00
Truck drivers	9.40	14.95	17.42	19.00	19.00
Bus drivers	9.05	13.59	17.68	17.93	17.93
Motor transportation, n.e.c.	6.09	7.38	7.80	18.55	18.55
Excavating and loading machine operators	11.13	13.14	14.27	14.27	16.69
Industrial truck and tractor equipment operators ..	10.51	11.94	11.94	11.94	13.73
Handlers, equipment cleaners, helpers, and laborers	7.70	9.34	12.07	14.83	17.00
Groundskeepers and gardeners, except farm	8.31	8.50	13.00	14.92	15.50
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.44	14.83	16.50	17.48	23.18
Construction laborers	10.00	11.89	12.65	18.11	18.13
Production helpers	6.03	6.03	11.20	13.12	13.12
Stock handlers and baggers	6.23	7.78	11.45	13.95	16.98
Freight, stock, and material handlers, n.e.c.	10.29	11.25	12.03	18.59	19.41
Hand packers and packagers	7.90	8.17	9.45	11.20	13.54
Laborers, except construction, n.e.c.	7.18	9.01	12.44	15.01	16.15
Service	6.29	8.51	10.56	14.50	20.76
Protective service	8.41	11.85	17.60	21.75	25.06
Supervisors, police and detectives	21.59	21.59	24.92	27.81	31.45
Supervisors, guards	11.14	16.15	17.71	21.41	23.79
Police and detectives, public service	17.52	19.04	20.73	23.22	25.06
Correctional institution officers	10.70	13.55	16.06	22.39	28.01
Guards and police, except public service	8.40	8.41	9.71	10.72	12.93
Food service	2.83	6.15	8.75	10.51	13.36
Waiters, waitresses, and bartenders	2.13	2.39	4.85	6.36	8.85
Waiters and waitresses	2.13	2.39	2.84	6.15	6.63
Waiters'/Waitresses' assistants	3.13	5.57	6.37	8.08	10.34
Other food service	6.55	8.16	9.59	11.83	14.00
Supervisors, food preparation and service	10.51	10.78	14.00	14.04	22.80
Cooks	8.00	9.25	10.50	12.37	14.72
Food counter, fountain, and related	7.84	8.63	9.36	9.96	10.18
Kitchen workers, food preparation	8.00	9.01	9.96	11.85	12.50
Food preparation, n.e.c.	5.80	6.55	8.16	10.43	13.44
Health service	8.21	8.95	9.99	11.18	14.31
Health aides, except nursing	7.82	8.70	10.20	11.07	14.61
Nursing aides, orderlies and attendants	8.21	8.78	9.95	11.15	14.31

See footnotes at end of table.

Table 6-4. **Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ³	10	25	Median 50	75	90
Service --Continued					
Cleaning and building service	\$8.00	\$9.35	\$10.97	\$12.57	\$15.40
Supervisors, cleaning and building service workers	12.00	12.34	12.45	16.08	16.08
Maids and housemen	7.54	8.09	9.27	10.37	12.37
Janitors and cleaners	8.51	9.80	11.11	13.37	15.50
Personal service	5.42	7.16	9.37	12.77	20.03
Supervisors, personal service	13.50	20.03	23.08	24.13	26.60
Attendants, amusement, and recreation facilities	5.35	5.66	6.31	8.56	10.18
Welfare service aides	8.01	8.01	10.50	12.45	14.29
Early childhood teachers' assistants	7.16	7.16	7.64	10.26	10.26
Child care workers, n.e.c.	7.26	7.26	8.95	11.73	12.27
Service, n.e.c.	7.84	10.35	10.89	11.78	12.77

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, 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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-5. Hourly wage percentiles for establishment jobs¹, part-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999

Occupation ³	10	25	Median 50	75	90
All	\$5.63	\$6.75	\$8.55	\$11.88	\$20.00
All excluding sales	5.50	7.05	8.87	12.40	20.82
White collar	6.50	7.23	9.83	16.97	22.17
White collar excluding sales	7.63	9.14	12.91	20.39	25.31
Professional specialty and technical	10.22	16.44	20.19	23.00	27.10
Professional specialty	10.22	19.00	21.87	25.00	28.67
Engineers, architects, and surveyors	-	-	-	-	-
Health related	18.94	20.14	22.00	24.52	26.47
Registered nurses	18.52	20.39	22.00	24.38	25.92
Teachers, college and university	18.72	20.69	26.78	28.67	31.55
Art, drama, and music teachers	18.72	22.09	24.24	24.24	24.24
Other post-secondary teachers	20.69	23.00	28.67	28.67	31.55
Teachers, except college and university	9.14	9.14	9.23	12.00	24.00
Teachers, n.e.c.	13.28	17.25	17.25	18.21	24.00
Social scientists and urban planners	-	-	-	-	-
Social, recreation, and religious workers	15.55	15.55	15.59	21.95	22.22
Social workers	15.55	15.55	15.59	21.95	22.22
Writers, authors, entertainers, athletes, and professionals, n.e.c.	-	-	-	-	-
Technical	10.00	13.63	15.65	17.00	17.72
Clinical laboratory technologists and technicians	10.00	17.33	17.39	19.78	20.08
Licensed practical nurses	13.47	14.03	15.78	16.60	17.60
Executive, administrative, and managerial	1.40	19.36	20.42	29.62	34.33
Executives, administrators, and managers	-	-	-	-	-
Management related	-	-	-	-	-
Sales	6.13	6.50	7.15	8.20	11.49
Sales workers, other commodities	6.13	6.29	7.15	8.86	12.41
Cashiers	6.11	6.54	6.90	8.10	9.29
Administrative support, including clerical	7.18	8.00	9.23	11.70	13.43
Secretaries	9.52	11.08	11.68	14.23	15.33
Receptionists	5.15	5.15	8.71	9.63	12.50
Information clerks, n.e.c.	6.46	8.50	9.27	9.27	9.74
Library clerks	7.21	8.00	11.98	11.98	14.46
Telephone operators	8.21	10.66	12.39	12.91	12.91
General office clerks	7.70	7.95	9.72	11.05	12.07
Data entry keyers	8.00	8.00	9.17	9.40	9.40
Teachers' aides	8.40	8.45	10.80	12.23	14.20
Administrative support, n.e.c.	8.71	10.69	11.41	12.15	12.50
Blue collar	6.05	6.88	10.00	10.89	13.20
Precision production, craft, and repair	9.17	9.17	10.00	10.00	26.42
Machine operators, assemblers, and inspectors	-	-	-	-	-
Transportation and material moving	6.88	7.50	10.50	11.65	12.50
Bus drivers	10.50	10.50	10.50	12.40	12.40
Handlers, equipment cleaners, helpers, and laborers	5.75	6.05	7.96	9.68	14.70
Stock handlers and baggers	5.75	6.00	6.54	8.44	12.82
Laborers, except construction, n.e.c.	5.17	6.00	7.96	8.58	8.58
Service	2.83	5.63	7.72	8.79	10.08
Protective service	6.48	8.00	8.11	9.39	11.41
Guards and police, except public service	8.03	8.11	8.11	8.42	9.26
Food service	2.83	4.25	5.63	8.50	9.49
Waiters, waitresses, and bartenders	2.13	2.20	2.83	5.33	8.13
Waiters and waitresses	2.13	2.20	2.83	6.75	8.13
Other food service	5.40	5.63	6.74	8.67	10.00
Food counter, fountain, and related	5.40	5.40	5.40	7.66	9.62
Kitchen workers, food preparation	6.89	7.77	8.86	10.34	10.91
Food preparation, n.e.c.	5.63	5.63	6.22	8.55	9.26
Health service	7.63	8.42	8.51	9.34	10.25

See footnotes at end of table.

Table 6-5. Hourly wage percentiles for establishment jobs¹, part-time workers:² Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Service —Continued					
Health service —Continued					
Health aides, except nursing	\$7.18	\$7.34	\$9.05	\$9.79	\$9.91
Nursing aides, orderlies and attendants	7.90	8.42	8.42	9.06	10.25
Cleaning and building service	6.20	6.20	6.75	9.00	10.08
Janitors and cleaners	6.20	6.20	6.75	8.83	9.51
Personal service	5.23	6.45	7.71	9.00	11.38
Attendants, amusement, and recreation facilities	4.44	4.65	4.75	5.42	6.87
Early childhood teachers' assistants	5.85	6.17	6.83	7.55	9.31
Child care workers, n.e.c.	5.50	5.50	7.11	8.66	9.20
Service, n.e.c.	6.50	6.67	8.74	8.79	9.29

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, 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, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD, Metropolitan Statistical Area includes Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA; Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem Counties, NJ; New Castle County, DE; and Cecil County, MD.

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.

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. See appendix table 2 for a count of establishments in the survey by employment size. 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 collected in each establishment was based on an establishment's employment size as shown in the following schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50–99	8
100–249	10
250–999	12
1000–2,499	16
2,500+	20

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. In cases where 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.

Generic leveling through point factor analysis

In the last step before wage data were collected, the work level of each selected job was determined using a "generic leveling" process. Generic 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. Appendix table 3 presents median work levels for published occupational groups and selected occupations. 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 new generic leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 generic level factors (and levels within those factors). The analysis showed that several of the generic level 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. For additional information on generic leveling see Brooks Pierce, "Using the National Compensation Survey to Predict Wage

Rates,” *Compensation and Working Conditions*, Winter 1999, pp. 8–16.

Collection period

Survey data were collected over a 13-month period for 60 metropolitan areas in the NCS program. For 20 small metropolitan areas, data were collected over a 4-month period. For each establishment in the survey, the data reflect the establishment’s most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

Earnings

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

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

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

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

Straight-time. Time worked at the standard rate of pay for the job.

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 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 the nonrespondents equals the mean value of the respondents at some detailed “cell” level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by

major occupation group and job level.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero. If only partial data were given by a sample establishment or occupation, or data were missing, the response was treated as a refusal.

Survey response

	<i>Establish- ments</i>
Total in sample	681
Responding	423
Out of business or not in survey scope	37
Unable or refused to provide data	221

Some surveys may have a high nonresponse rate for the all industries or private industry iterations. Such instances are noted in the bulletin table footnotes.

Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by: the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work.

The percentiles presented in tables 6-1 through 6-5 are computed using average hourly wages for sampled establishment jobs within each occupation. Establishments in the survey may report either individual-worker earnings or average wage rates for each sampled job. If individual-worker earnings are provided, an average hourly wage rate is computed for the job and used in the calculation of percentile estimates. The average hourly wages for each sampled job are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile, 10 percent of a published occupation's employment is in sampled establishment jobs that had average hourly wages at the 10th percentile or less for that occupation. Note that the percentiles in previous NCS bulletins for this area were calculated from individual-worker earnings rather than from average wages for sampled establishment jobs. Data users should keep this difference in mind.

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.

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 \$13.55 to \$12.03 (1.645 times 3.6 percent = 5.922 percent times \$12.27, plus or minus \$0.76). 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. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. 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, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	1,500,800	1,229,600	271,300
All excluding sales	1,388,600	1,119,100	269,500
White collar	894,100	725,100	169,000
White-collar excluding sales	781,900	614,600	167,200
Professional specialty and technical	356,900	256,000	100,800
Professional specialty	285,100	189,200	95,900
Technical	71,800	66,800	4,900
Executive, administrative, and managerial	146,500	126,800	19,700
Sales	112,200	110,500	—
Administrative support, including clerical	278,500	231,700	46,700
Blue collar	304,500	271,400	33,100
Precision production, craft, and repair	92,700	79,500	13,200
Machine operators, assemblers, and inspectors	65,900	65,700	—
Transportation and material moving	72,300	61,500	10,800
Handlers, equipment cleaners, helpers, and laborers	73,500	64,700	8,800
Service	302,300	233,100	69,200

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Appendix table 2. **Number of establishments represented by survey and the number studied by industry division and establishment employment size, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999**

Industry	Number of establishments represented ¹	Number of establishments studied				
		Total studied	50 - 99 workers ²	100 workers or more		
				Total	100 - 499 workers	500 workers or more
All industries	7,600	423	87	336	190	146
Private industry	7,100	372	84	288	171	117
Goods-producing industries	1,700	78	22	56	30	26
Mining	(³)	6	6	-	-	-
Construction	400	10	5	5	4	1
Manufacturing	1,300	62	11	51	26	25
Service-producing industries	5,400	294	62	232	141	91
Transportation and public utilities	300	21	3	18	10	8
Wholesale and retail trade	2,100	68	26	42	37	5
Finance, insurance and real estate	400	19	2	17	8	9
Services	2,500	186	31	155	86	69
State and local government	500	51	3	48	19	29

¹ Number of establishments represented by the survey rounded to the nearest 100.

² Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

³ Number of establishments represented by the survey is fewer than 50.

NOTE: Dashes indicate that no data were reported. Overall industry and industry groups may include data for categories not shown separately.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999**

Occupation ²	All workers	Full-time workers	Part-time workers
All	5	5	3
All excluding sales	5	6	3
White collar	7	7	4
White collar excluding sales	7	8	5
Professional specialty and technical	9	9	8
Professional specialty	9	9	9
Engineers, architects, and surveyors	11	11	—
Civil engineers	11	11	—
Electrical and electronic engineers	11	11	—
Mechanical engineers	9	8	—
Engineers, n.e.c.	9	9	—
Mathematical and computer scientists	10	10	—
Computer systems analysts and scientists	10	10	—
Natural scientists	12	12	—
Biological and life scientists	11	11	—
Health related	9	9	9
Physicians	11	11	—
Registered nurses	9	9	9
Pharmacists	9	9	—
Respiratory therapists	9	—	—
Teachers, college and university	11	13	10
Art, drama, and music teachers	10	—	10
Other post-secondary teachers	12	12	13
Teachers, except college and university	9	9	7
Elementary school teachers	9	9	—
Secondary school teachers	9	9	—
Teachers, special education	9	9	—
Teachers, n.e.c.	10	10	6
Vocational and educational counselors	8	8	—
Librarians, archivists, and curators	9	9	—
Librarians	9	9	—
Social scientists and urban planners	9	9	—
Economists	9	9	—
Psychologists	9	9	—
Social, recreation, and religious workers	7	7	9
Social workers	7	7	9
Lawyers and judges	12	12	—
Lawyers	12	12	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	7	8	—
Public relations specialists	9	9	—
Professional, n.e.c.	9	9	—
Technical	6	7	6
Clinical laboratory technologists and technicians	5	4	8
Radiological technicians	7	7	—
Licensed practical nurses	6	6	6
Health technologists and technicians, n.e.c.	5	5	—
Electrical and electronic technicians	7	7	—
Engineering technicians, n.e.c.	7	7	—
Drafters	7	7	—
Chemical technicians	6	6	—
Science technicians, n.e.c.	7	7	—
Computer programmers	9	9	—
Technical and related, n.e.c.	7	7	—
Executive, administrative, and managerial	9	9	9
Executives, administrators, and managers	11	11	—
Administrators and officials, public administration	8	8	—
Financial managers	11	11	—
Personnel and labor relations managers	12	12	—
Purchasing managers	9	9	—
Managers, marketing, advertising, and public relations	11	11	—
Administrators, education and related fields	11	11	—
Managers, medicine and health	10	11	—
Managers, food servicing and lodging establishments ...	9	9	—
Managers, service organizations, n.e.c.	9	9	—
Managers and administrators, n.e.c.	12	12	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
White collar —Continued			
Executive, administrative, and managerial —Continued			
Management related	9	9	—
Accountants and auditors	9	9	—
Other financial officers	9	9	—
Management analysts	10	10	—
Personnel, training, and labor relations specialists	9	9	—
Purchasing agents and buyers, n.e.c.	7	7	—
Inspectors and compliance officers, except construction	9	9	—
Management related, n.e.c.	8	8	—
Sales	3	4	3
Supervisors, sales	8	8	—
Advertising and related sales	7	—	—
Sales, other business services	7	7	—
Sales representatives, mining, manufacturing, and wholesale	7	7	—
Sales workers, other commodities	3	4	2
Sales counter clerks	3	—	—
Cashiers	3	3	2
Sales support, n.e.c.	9	9	—
Administrative support, including clerical	4	4	3
Supervisors, general office	8	8	—
Supervisors, financial records processing	5	5	—
Computer operators	4	4	—
Secretaries	5	5	4
Typists	3	3	—
Interviewers	2	—	—
Hotel clerks	3	3	—
Receptionists	3	3	3
Information clerks, n.e.c.	4	4	3
Order clerks	4	4	—
Library clerks	2	4	2
File clerks	2	—	—
Records clerks, n.e.c.	4	4	—
Bookkeepers, accounting and auditing clerks	4	4	—
Payroll and timekeeping clerks	4	4	—
Billing clerks	4	4	—
Duplicating machine operators	3	—	—
Telephone operators	2	2	2
Mail clerks, except postal service	3	3	—
Dispatchers	4	4	—
Traffic, shipping and receiving clerks	3	3	—
Stock and inventory clerks	3	3	—
Insurance adjusters, examiners, and investigators	6	6	—
Investigators and adjusters, except insurance	4	4	—
Bill and account collectors	4	4	—
General office clerks	4	4	3
Data entry keyers	2	3	2
Teachers' aides	3	4	3
Administrative support, n.e.c.	4	4	4
Blue collar	4	4	2
Precision production, craft, and repair	7	7	5
Supervisors, mechanics and repairers	9	9	—
Automobile mechanics	7	7	—
Bus, truck, and stationary engine mechanics	7	7	—
Industrial machinery repairers	6	6	—
Electronic repairers, communications and industrial equipment	7	7	—
Data processing equipment repairers	5	5	—
Heating, air conditioning, and refrigeration mechanics ...	7	7	—
Mechanics and repairers, n.e.c.	7	7	—
Electricians	7	7	—
Plumbers, pipefitters and steamfitters	7	7	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Blue collar —Continued			
Precision production, craft, and repair —Continued			
Construction trades, n.e.c.	6	6	—
Supervisors, production	7	7	—
Electrical and electronic equipment assemblers	5	5	—
Inspectors, testers, and graders	7	7	—
Stationary engineers	7	7	—
Machine operators, assemblers, and inspectors	4	4	—
Grinding, abrading, buffing, and polishing machine operators	5	5	—
Textile sewing machine operators	3	3	—
Mixing and blending machine operators	5	5	—
Miscellaneous machine operators, n.e.c.	4	4	—
Assemblers	3	3	—
Production inspectors, checkers and examiners	5	5	—
Transportation and material moving	4	4	2
Truck drivers	4	4	—
Bus drivers	3	4	2
Taxicab drivers and chauffeurs	2	—	—
Motor transportation, n.e.c.	2	2	—
Excavating and loading machine operators	5	5	—
Industrial truck and tractor equipment operators	4	4	—
Handlers, equipment cleaners, helpers, and laborers	2	3	1
Groundskeepers and gardeners, except farm	2	3	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	5	5	—
Construction laborers	1	1	—
Production helpers	1	1	—
Stock handlers and baggers	3	3	1
Freight, stock, and material handlers, n.e.c.	3	3	—
Hand packers and packagers	2	2	—
Laborers, except construction, n.e.c.	1	2	1
Service	3	3	2
Protective service	5	6	3
Supervisors, police and detectives	8	8	—
Supervisors, guards	8	8	—
Police and detectives, public service	7	7	—
Correctional institution officers	6	6	—
Guards and police, except public service	3	3	3
Protective service, n.e.c.	3	—	—
Food service	3	3	3
Waiters, waitresses, and bartenders	2	2	3
Bartenders	3	—	—
Waiters and waitresses	2	2	2
Waiters/Waitresses' assistants	1	1	—
Other food service	3	3	3
Supervisors, food preparation and service	5	5	—
Cooks	4	4	—
Food counter, fountain, and related	2	2	2
Kitchen workers, food preparation	3	3	3
Food preparation, n.e.c.	1	1	2
Health service	3	3	3
Health aides, except nursing	4	4	3
Nursing aides, orderlies and attendants	3	3	3
Cleaning and building service	2	2	2
Supervisors, cleaning and building service workers	6	6	—
Maids and housemen	2	2	—
Janitors and cleaners	2	3	1
Personal service	3	4	3
Supervisors, personal service	8	8	—
Attendants, amusement, and recreation facilities	3	3	3
Welfare service aides	4	4	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, August 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Service —Continued			
Personal service —Continued			
Early childhood teachers' assistants	3	3	3
Child care workers, n.e.c.	3	4	2
Service, n.e.c.	3	3	2

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. The occupations titled authors,

musicians, actors, painters, photographers, dancers, artists, athletes, and legislators cannot be assigned a work level. 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.