



New York–Northern New Jersey– Long Island, NY–NJ–CT–PA National Compensation Survey July 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 New York–Northern New Jersey–Long Island, NY–NJ–CT–PA, 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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$20.85	1.9	35.5	\$19.70	2.4	35.6	\$24.48	2.3	35.3
Worker characteristics:⁴									
White-collar occupations ⁵	25.08	2.0	35.6	24.20	2.5	36.0	27.89	3.1	34.3
Professional specialty and technical	31.77	2.2	35.0	30.21	2.9	35.4	34.57	3.2	34.4
Executive, administrative, and managerial	35.08	3.4	38.2	36.90	3.6	38.9	28.33	7.5	35.8
Sales	15.58	6.6	31.4	15.58	6.8	31.3	-	-	-
Administrative support	15.23	1.9	35.8	15.13	2.3	36.5	15.67	2.9	33.2
Blue-collar occupations ⁵	15.28	3.0	37.8	14.56	3.3	37.5	19.31	4.2	39.1
Precision production, craft, and repair	21.44	2.8	39.1	21.22	3.2	39.0	22.36	4.5	39.3
Machine operators, assemblers, and inspectors	10.94	4.0	39.7	10.88	4.0	39.7	17.20	13.0	34.8
Transportation and material moving	16.38	4.7	35.6	15.67	6.4	34.3	17.99	7.1	39.0
Handlers, equipment cleaners, helpers, and laborers	12.35	6.0	35.9	11.50	6.6	35.3	16.86	5.8	39.4
Service occupations ⁵	13.51	4.0	33.2	10.48	4.2	31.9	19.42	3.9	36.0
Full time	21.73	1.9	38.1	20.59	2.5	38.5	25.18	2.1	37.1
Part time	12.26	7.5	21.3	11.88	9.2	21.3	14.19	7.4	20.8
Union	20.21	2.3	35.8	16.55	3.8	35.3	24.38	2.4	36.3
Nonunion	21.44	2.8	35.3	21.30	2.9	35.7	25.86	8.5	26.1
Time	20.87	1.9	35.5	19.69	2.5	35.5	24.48	2.3	35.3
Incentive	19.99	10.4	37.2	19.99	10.4	37.2	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	16.37	4.2	35.7	16.37	4.3	35.8	16.48	.9	28.7
100-499 workers	18.29	4.0	35.2	17.63	4.3	35.4	26.00	6.1	33.8
500 workers or more	23.89	2.4	35.6	23.54	3.6	35.6	24.37	2.6	35.6

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$20.85	1.9	\$19.70	2.4	\$24.48	2.3
All excluding sales	21.14	1.9	19.99	2.5	24.52	2.3
White collar	25.08	2.0	24.20	2.5	27.89	3.1
White collar excluding sales	25.97	2.0	25.27	2.6	27.98	3.1
Professional specialty and technical	31.77	2.2	30.21	2.9	34.57	3.2
Professional specialty	33.44	1.9	31.75	2.5	35.97	2.9
Engineers, architects, and surveyors	30.69	3.7	32.34	3.6	25.05	4.8
Chemical engineers	32.19	5.5	32.19	5.5	—	—
Civil engineers	27.25	8.6	—	—	—	—
Electrical and electronic engineers	32.41	6.7	32.41	6.7	—	—
Industrial engineers	26.92	8.8	26.92	8.8	—	—
Mechanical engineers	27.67	8.4	30.74	7.5	—	—
Engineers, n.e.c.	33.23	5.6	34.89	3.8	—	—
Mathematical and computer scientists	36.36	6.1	36.38	6.1	—	—
Computer systems analysts and scientists	34.95	4.1	34.96	4.2	—	—
Operations and systems researchers and analysts	50.34	24.5	50.34	24.5	—	—
Natural scientists	33.22	7.3	33.70	7.7	—	—
Chemists, except biochemists	32.28	10.6	32.28	10.6	—	—
Medical scientists	38.10	3.0	38.56	3.2	—	—
Health related	28.22	2.5	29.13	2.8	24.03	4.5
Physicians	33.03	8.6	38.35	9.2	20.95	12.9
Registered nurses	27.52	1.9	27.76	2.1	26.03	4.5
Pharmacists	27.82	6.4	29.16	6.0	—	—
Dietitians	18.33	3.2	—	—	—	—
Respiratory therapists	22.33	2.5	22.35	2.2	—	—
Teachers, college and university	48.22	4.6	47.07	8.8	49.38	3.2
Medical science teachers	78.10	16.7	—	—	—	—
English teachers	57.87	8.0	—	—	—	—
Other post-secondary teachers	41.07	5.2	45.52	9.5	39.02	5.8
Teachers, except college and university	37.40	3.7	21.00	8.7	40.36	3.4
Prekindergarten and kindergarten	32.79	30.9	15.47	11.9	—	—
Elementary school teachers	40.26	4.8	25.68	6.5	43.26	5.1
Secondary school teachers	43.34	4.9	33.24	14.7	44.11	5.1
Teachers, special education	40.38	3.5	24.53	16.0	41.37	3.3
Teachers, n.e.c.	34.93	6.0	20.72	13.0	36.90	5.7
Substitute teachers	10.63	3.4	—	—	—	—
Vocational and educational counselors	27.79	25.4	12.42	10.6	38.04	10.8
Librarians, archivists, and curators	31.37	10.0	29.27	11.6	36.81	15.7
Librarians	29.72	10.3	26.65	10.1	36.81	15.7
Social scientists and urban planners	31.63	10.4	27.56	11.6	36.58	11.3
Economists	29.71	12.8	29.71	12.8	—	—
Psychologists	33.48	13.7	22.77	12.3	37.34	10.5
Social, recreation, and religious workers	21.93	4.9	20.62	5.8	22.78	7.6
Social workers	22.26	5.2	20.61	6.1	23.31	8.1
Recreation workers	14.99	7.9	—	—	—	—
Lawyers and judges	44.31	11.7	54.51	12.4	34.42	7.8
Lawyers	44.31	11.7	54.51	12.4	34.42	7.8
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.06	7.0	31.62	7.2	21.33	8.6
Designers	27.64	8.2	27.64	8.2	—	—
Editors and reporters	35.77	16.1	35.77	16.1	—	—
Public relations specialists	22.06	12.7	—	—	—	—
Athletes	15.69	14.6	15.79	21.7	—	—
Professional, n.e.c.	33.08	7.4	33.25	7.6	—	—
Technical	23.81	9.9	24.88	11.2	18.44	5.6
Clinical laboratory technologists and technicians	19.18	4.7	18.77	5.2	22.29	11.3
Radiological technicians	22.49	2.9	22.49	2.9	—	—
Licensed practical nurses	17.84	2.5	18.10	2.8	16.80	5.2
Health technologists and technicians, n.e.c.	16.37	2.6	15.45	3.2	17.75	7.2
Electrical and electronic technicians	18.98	8.2	18.98	8.2	—	—
Engineering technicians, n.e.c.	19.36	7.1	19.36	7.1	—	—
Computer programmers	28.36	8.5	29.18	8.3	—	—
Legal assistants	21.92	3.6	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Professional specialty and technical —Continued						
Technical —Continued						
Technical and related, n.e.c.	\$23.39	10.9	\$24.03	11.8	—	—
Executive, administrative, and managerial						
Executives, administrators, and managers	35.08	3.4	36.90	3.6	\$28.33	7.5
Administrators and officials, public administration	40.15	3.3	40.64	3.6	37.31	6.8
Financial managers	36.04	5.7	—	—	35.91	6.0
Personnel and labor relations managers	45.92	9.8	47.39	10.3	—	—
Managers, marketing, advertising, and public relations	33.69	7.1	34.02	7.9	—	—
Administrators, education and related fields	45.19	8.0	45.19	8.0	—	—
Managers, medicine and health	37.77	13.7	24.41	7.6	47.74	5.8
Managers, service organizations, n.e.c.	37.85	6.2	40.69	6.2	29.36	4.9
Managers and administrators, n.e.c.	43.44	13.8	44.51	14.1	—	—
Management related	38.78	3.9	39.14	4.1	—	—
Accountants and auditors	28.03	6.4	30.53	7.3	22.34	7.6
Other financial officers	25.86	4.8	26.22	5.3	—	—
Management analysts	39.02	16.5	41.69	16.9	—	—
Personnel, training, and labor relations specialists	31.19	8.7	32.22	9.6	—	—
Purchasing agents and buyers, n.e.c.	25.75	7.8	28.97	8.6	21.01	3.5
Construction inspectors	28.90	10.7	29.13	10.7	—	—
Inspectors and compliance officers, except construction	24.72	10.1	—	—	—	—
Management related, n.e.c.	20.23	12.4	31.65	5.4	18.48	12.2
Management related, n.e.c.	25.28	4.8	25.08	6.0	25.85	7.5
Sales						
Supervisors, sales	15.58	6.6	15.58	6.8	—	—
Advertising and related sales	23.87	9.0	23.87	9.0	—	—
Sales, other business services	21.85	3.9	21.85	3.9	—	—
Sales representatives, mining, manufacturing, and wholesale	23.63	12.2	23.63	12.2	—	—
Sales workers, apparel	29.73	16.2	29.73	16.2	—	—
Sales workers, radio, tv, hi-fi, and appliances	9.42	14.5	9.42	14.5	—	—
Sales workers, other commodities	15.51	24.9	15.51	24.9	—	—
Cashiers	9.22	4.7	9.22	4.7	—	—
Sales support, n.e.c.	9.12	6.3	8.79	5.5	—	—
Sales support, n.e.c.	15.91	15.4	15.91	15.4	—	—
Administrative support, including clerical						
Supervisors, general office	15.23	1.9	15.13	2.3	15.67	2.9
Supervisors, financial records processing	21.35	6.5	21.73	7.7	19.99	7.3
Supervisors, distribution, scheduling, and adjusting clerks	20.07	5.4	20.25	5.8	—	—
Computer operators	20.93	16.2	20.93	16.2	—	—
Secretaries	15.85	6.4	15.43	6.7	—	—
Stenographers	16.83	2.4	16.88	2.6	16.64	6.3
Typists	18.14	4.4	—	—	18.49	5.0
Interviewers	14.07	3.9	14.94	6.5	13.38	3.5
Hotel clerks	12.61	5.5	12.50	6.1	—	—
Transportation ticket and reservation agents	11.04	11.6	11.04	11.6	—	—
Receptionists	15.85	6.8	15.34	10.3	—	—
Order clerks	12.20	4.9	12.20	4.9	—	—
Personnel clerks, except payroll and timekeeping	19.05	5.8	19.05	5.8	—	—
Library clerks	13.79	9.2	13.83	9.6	—	—
File clerks	13.05	6.0	14.00	8.1	11.78	5.6
Records clerks, n.e.c.	12.54	3.7	12.54	3.7	—	—
Bookkeepers, accounting and auditing clerks	14.36	4.6	14.62	4.9	—	—
Payroll and timekeeping clerks	15.19	2.9	15.03	3.0	17.24	9.4
Billing clerks	15.90	10.2	15.90	10.2	—	—
Telephone operators	13.39	5.6	13.39	5.6	—	—
Mail clerks, except postal service	13.58	5.0	13.66	5.0	—	—
Messengers	12.71	11.9	12.71	11.9	—	—
Messengers	9.02	18.3	8.62	18.3	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Administrative support, including clerical –Continued						
Dispatchers	\$18.02	9.5	\$14.82	6.7	\$20.46	11.3
Traffic, shipping and receiving clerks	12.58	3.5	12.31	3.9	–	–
Stock and inventory clerks	13.46	9.9	13.47	10.0	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	13.15	18.4	13.15	18.4	–	–
Insurance adjusters, examiners, and investigators	19.03	20.9	19.03	20.9	–	–
Investigators and adjusters, except insurance	17.72	8.2	17.80	8.6	–	–
Eligibility clerks, social welfare	15.33	4.3	–	–	15.72	4.6
Bill and account collectors	17.52	7.7	17.52	7.7	–	–
General office clerks	14.05	4.5	14.15	4.6	13.79	10.8
Bank tellers	10.75	3.4	10.75	3.4	–	–
Data entry keyers	11.40	4.2	11.15	4.7	–	–
Statistical clerks	14.49	10.5	14.49	10.5	–	–
Teachers' aides	13.19	10.1	–	–	14.84	4.6
Administrative support, n.e.c.	15.48	5.5	15.73	6.8	14.64	2.9
Blue collar	15.28	3.0	14.56	3.3	19.31	4.2
Precision production, craft, and repair						
Supervisors, mechanics and repairers	21.44	2.8	21.22	3.2	22.36	4.5
Automobile mechanics	24.87	6.4	27.68	3.8	–	–
Industrial machinery repairers	23.43	6.1	–	–	24.08	5.9
Heating, air conditioning, and refrigeration mechanics	18.60	4.7	18.60	4.7	–	–
Mechanics and repairers, n.e.c.	21.60	7.3	–	–	–	–
Supervisors, electricians and power transmission installers	19.65	4.1	19.70	5.5	–	–
Carpenters	30.60	11.9	30.02	13.7	–	–
Electricians	22.08	14.4	20.92	18.8	–	–
Painters, construction and maintenance	23.61	8.1	24.73	8.5	18.64	9.1
Plumbers, pipefitters and steamfitters	23.87	7.6	24.73	6.2	–	–
Construction trades, n.e.c.	23.06	8.1	–	–	–	–
Supervisors, production	19.24	15.1	19.24	15.1	–	–
Machinists	22.76	7.5	22.76	7.5	–	–
Electrical and electronic equipment assemblers ..	17.73	9.9	15.85	2.4	–	–
Miscellaneous precision workers, n.e.c.	12.30	14.0	12.30	14.0	–	–
Stationary engineers	24.54	11.8	24.54	11.8	–	–
Production inspectors, checkers and examiners ..	22.17	7.0	22.43	7.7	–	–
Machine operators, assemblers, and inspectors						
Punching and stamping press operators	10.94	4.0	10.88	4.0	17.20	13.0
Grinding, abrading, buffing, and polishing machine operators	9.91	10.7	9.91	10.7	–	–
Fabricating machine operators, n.e.c.	10.80	6.1	10.80	6.1	–	–
Textile sewing machine operators	11.47	11.7	11.47	11.7	–	–
Laundering and dry cleaning machine operators	7.51	10.5	7.51	10.5	–	–
Packaging and filling machine operators	10.68	8.4	10.36	9.0	–	–
Mixing and blending machine operators	10.37	13.4	10.37	13.4	–	–
Folding machine operators	12.84	6.7	12.84	6.7	–	–
Photographic process machine operators	11.96	4.4	11.96	4.4	–	–
Miscellaneous machine operators, n.e.c.	11.37	1.9	11.37	1.9	–	–
Assemblers	12.83	6.6	12.83	6.6	–	–
Production inspectors, checkers and examiners ..	8.76	9.6	8.76	9.6	–	–
Production inspectors, checkers and examiners ..	11.21	6.2	11.21	6.2	–	–
Transportation and material moving						
Truck drivers	16.38	4.7	15.67	6.4	17.99	7.1
Driver-sales workers	16.50	6.1	16.05	6.6	–	–
Bus drivers	21.57	3.6	21.57	3.6	–	–
Motor transportation, n.e.c.	15.49	8.9	11.58	5.3	18.52	2.3
Industrial truck and tractor equipment operators ..	13.01	14.5	–	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	14.11	12.4	14.11	12.4	–	–
operators, n.e.c.	17.06	7.7	–	–	–	–

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Handlers, equipment cleaners, helpers, and laborers	\$12.35	6.0	\$11.50	6.6	\$16.86	5.8
Groundskeepers and gardeners, except farm	12.41	7.6	12.05	4.7	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.47	14.2	16.16	14.4	—	—
Helpers, construction trades	15.15	6.6	—	—	—	—
Production helpers	10.17	9.3	10.17	9.3	—	—
Stock handlers and baggers	11.80	10.3	11.79	10.4	—	—
Freight, stock, and material handlers, n.e.c.	12.06	7.0	12.06	7.0	—	—
Hand packers and packagers	10.56	16.2	10.56	16.2	—	—
Laborers, except construction, n.e.c.	11.02	7.4	10.08	8.7	15.19	3.3
Service	13.51	4.0	10.48	4.2	19.42	3.9
Protective service	19.94	5.6	11.02	9.1	24.10	3.6
Supervisors, police and detectives	32.38	7.1	—	—	32.38	7.1
Police and detectives, public service	25.00	4.9	—	—	25.00	4.9
Sheriffs, bailiffs, and other law enforcement officers	21.96	7.2	—	—	21.96	7.2
Correctional institution officers	20.93	4.8	—	—	20.93	4.8
Guards and police, except public service	10.78	9.2	10.55	9.9	14.34	3.3
Protective service, n.e.c.	14.53	10.8	—	—	—	—
Food service	8.62	5.6	8.31	6.3	10.81	3.8
Waiters, waitresses, and bartenders	5.96	12.0	5.76	12.0	—	—
Bartenders	8.63	24.2	8.63	24.2	—	—
Waiters and waitresses	5.66	13.0	5.66	13.0	—	—
Waiters'/Waitresses' assistants	5.32	24.0	4.01	9.1	—	—
Other food service	9.51	5.7	9.29	6.7	10.71	3.7
Supervisors, food preparation and service	13.66	8.9	14.05	8.7	—	—
Cooks	11.47	5.3	11.35	5.9	12.47	8.8
Food counter, fountain, and related	8.56	7.6	8.47	7.7	—	—
Kitchen workers, food preparation	11.22	8.2	11.19	8.8	—	—
Food preparation, n.e.c.	7.72	6.5	6.93	5.9	10.44	3.9
Health service	10.11	4.0	9.51	3.9	13.93	1.8
Health aides, except nursing	12.04	3.3	11.29	4.2	13.88	2.2
Nursing aides, orderlies and attendants	9.77	4.3	9.26	4.0	13.95	2.4
Cleaning and building service	12.41	6.1	11.51	8.5	14.68	5.1
Supervisors, cleaning and building service workers	19.49	5.5	—	—	—	—
Maids and housemen	12.96	6.6	12.96	6.6	—	—
Janitors and cleaners	11.90	7.7	10.44	12.1	14.53	5.4
Personal service	13.21	11.2	14.11	15.1	11.21	6.6
Attendants, amusement, and recreation facilities	9.29	4.7	—	—	—	—
Public transportation attendants	27.61	25.8	29.35	28.4	—	—
Welfare service aides	12.07	16.5	—	—	—	—
Early childhood teachers' assistants	10.98	9.1	9.90	9.7	—	—
Child care workers, n.e.c.	9.19	3.9	8.65	4.2	9.98	4.7
Service, n.e.c.	10.78	14.2	10.80	16.0	—	—

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

² 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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$21.73	1.9	\$20.59	2.5	\$25.18	2.1
All excluding sales	21.85	1.9	20.68	2.6	25.23	2.1
White collar	25.85	2.0	25.01	2.6	28.43	3.0
White collar excluding sales	26.34	2.1	25.57	2.6	28.53	3.0
Professional specialty and technical	31.88	2.2	30.28	3.0	34.61	3.2
Professional specialty	33.40	1.9	31.63	2.4	35.92	3.0
Engineers, architects, and surveyors	30.70	3.8	32.39	3.7	25.05	4.8
Chemical engineers	32.19	5.5	32.19	5.5	—	—
Civil engineers	27.25	8.6	—	—	—	—
Electrical and electronic engineers	32.41	6.7	32.41	6.7	—	—
Industrial engineers	26.92	8.8	26.92	8.8	—	—
Mechanical engineers	27.99	8.9	—	—	—	—
Engineers, n.e.c.	33.21	5.8	34.97	3.9	—	—
Mathematical and computer scientists	34.46	3.9	34.46	3.9	—	—
Computer systems analysts and scientists	34.95	4.1	34.96	4.2	—	—
Operations and systems researchers and analysts	32.15	11.3	32.15	11.3	—	—
Natural scientists	33.22	7.3	33.70	7.7	—	—
Chemists, except biochemists	32.28	10.6	32.28	10.6	—	—
Medical scientists	38.10	3.0	38.56	3.2	—	—
Health related	27.95	2.7	28.94	3.1	23.93	4.5
Physicians	31.28	9.5	36.25	10.5	20.95	12.9
Registered nurses	27.69	2.1	27.98	2.3	26.05	4.6
Pharmacists	27.45	7.5	28.99	7.7	—	—
Dietitians	18.33	3.2	—	—	—	—
Respiratory therapists	22.53	2.6	—	—	—	—
Teachers, college and university	45.44	5.0	46.45	9.3	44.44	3.3
English teachers	57.87	8.0	—	—	—	—
Other post-secondary teachers	41.49	5.3	48.47	9.1	39.02	5.8
Teachers, except college and university	38.17	3.7	21.51	8.7	40.80	3.6
Prekindergarten and kindergarten	35.43	32.2	—	—	—	—
Elementary school teachers	40.95	4.9	26.76	6.3	43.39	5.2
Secondary school teachers	43.34	4.9	33.24	14.7	44.11	5.1
Teachers, special education	40.40	3.5	—	—	41.37	3.3
Teachers, n.e.c.	35.58	5.9	20.99	13.3	37.19	5.7
Vocational and educational counselors	28.17	25.0	12.49	10.7	38.04	10.8
Librarians, archivists, and curators	31.46	10.1	29.27	11.6	37.32	15.8
Librarians	29.80	10.3	26.65	10.1	37.32	15.8
Social scientists and urban planners	31.57	10.6	27.38	12.0	36.58	11.3
Economists	29.71	12.8	29.71	12.8	—	—
Psychologists	33.41	14.0	21.77	13.2	37.34	10.5
Social, recreation, and religious workers	22.18	5.1	20.70	5.9	23.14	8.0
Social workers	22.44	5.3	20.54	6.3	23.64	8.4
Lawyers and judges	44.01	11.8	54.51	12.4	33.64	7.1
Lawyers	44.01	11.8	54.51	12.4	33.64	7.1
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.75	7.0	32.15	7.1	—	—
Designers	28.50	8.2	28.50	8.2	—	—
Editors and reporters	35.77	16.1	35.77	16.1	—	—
Public relations specialists	22.06	12.7	—	—	—	—
Professional, n.e.c.	33.08	7.4	33.25	7.6	—	—
Technical	24.41	10.5	25.56	11.7	18.61	6.3
Clinical laboratory technologists and technicians	19.16	4.5	18.71	4.9	22.29	11.3
Radiological technicians	22.77	3.2	22.77	3.2	—	—
Licensed practical nurses	17.58	3.1	18.00	3.4	15.66	3.3
Health technologists and technicians, n.e.c.	16.63	2.9	15.55	3.8	18.06	8.2
Electrical and electronic technicians	19.61	8.0	19.61	8.0	—	—
Engineering technicians, n.e.c.	19.13	8.6	19.13	8.6	—	—
Computer programmers	28.36	8.5	29.18	8.3	—	—
Legal assistants	21.92	3.6	—	—	—	—
Technical and related, n.e.c.	23.45	10.9	24.03	11.8	—	—
Executive, administrative, and managerial	35.15	3.4	36.95	3.6	28.45	7.6

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$40.25	3.3	\$40.75	3.6	\$37.31	6.8
Administrators and officials, public administration	36.04	5.7	—	—	35.91	6.0
Financial managers	45.92	9.8	47.39	10.3	—	—
Personnel and labor relations managers	34.67	7.6	35.15	8.6	—	—
Managers, marketing, advertising, and public relations	45.19	8.0	45.19	8.0	—	—
Administrators, education and related fields	38.43	13.2	25.23	7.3	47.74	5.8
Managers, medicine and health	37.82	6.3	40.73	6.3	29.36	4.9
Managers, service organizations, n.e.c.	43.44	13.8	44.51	14.1	—	—
Managers and administrators, n.e.c.	38.78	3.9	39.15	4.1	—	—
Management related	28.09	6.4	30.53	7.3	22.41	7.7
Accountants and auditors	25.96	4.9	26.22	5.3	—	—
Other financial officers	39.02	16.5	41.69	16.9	—	—
Management analysts	31.19	8.7	32.22	9.6	—	—
Personnel, training, and labor relations specialists	25.75	7.8	28.97	8.6	21.01	3.5
Purchasing agents and buyers, n.e.c.	28.90	10.7	29.13	10.7	—	—
Inspectors and compliance officers, except construction	20.23	12.4	31.65	5.4	18.48	12.2
Management related, n.e.c.	25.36	4.8	25.08	6.0	26.15	7.3
Sales	18.88	6.7	18.97	6.9	—	—
Supervisors, sales	23.87	9.0	23.87	9.0	—	—
Advertising and related sales	21.85	3.9	21.85	3.9	—	—
Sales, other business services	23.63	12.2	23.63	12.2	—	—
Sales representatives, mining, manufacturing, and wholesale	29.73	16.2	29.73	16.2	—	—
Sales workers, apparel	10.66	22.4	10.66	22.4	—	—
Sales workers, radio, tv, hi-fi, and appliances	16.03	24.5	16.03	24.5	—	—
Sales workers, hardware and building supplies	17.93	19.8	17.93	19.8	—	—
Sales workers, other commodities	10.32	4.4	10.32	4.4	—	—
Cashiers	13.04	6.8	12.40	6.2	—	—
Sales support, n.e.c.	17.24	13.0	17.24	13.0	—	—
Administrative support, including clerical	15.48	1.9	15.33	2.3	16.18	2.4
Supervisors, general office	21.35	6.5	21.73	7.7	19.99	7.3
Supervisors, financial records processing	20.18	5.5	20.38	5.9	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.93	16.2	20.93	16.2	—	—
Computer operators	15.85	6.4	15.43	6.7	—	—
Secretaries	16.90	2.5	16.92	2.7	16.82	6.5
Stenographers	18.52	4.4	—	—	—	—
Typists	14.35	4.1	14.94	6.5	13.78	4.6
Interviewers	12.54	7.5	12.53	8.0	—	—
Hotel clerks	11.04	11.6	11.04	11.6	—	—
Transportation ticket and reservation agents	16.51	6.5	16.26	10.4	—	—
Receptionists	12.58	5.3	12.58	5.3	—	—
Order clerks	19.05	5.8	19.05	5.8	—	—
Personnel clerks, except payroll and timekeeping	13.79	9.2	13.83	9.6	—	—
Library clerks	14.04	7.6	15.79	7.2	—	—
File clerks	12.52	3.8	12.52	3.8	—	—
Records clerks, n.e.c.	14.36	4.6	14.62	4.9	—	—
Bookkeepers, accounting and auditing clerks	15.46	2.8	15.31	2.9	17.24	9.4
Payroll and timekeeping clerks	15.90	10.2	15.90	10.2	—	—
Billing clerks	13.42	5.8	13.42	5.8	—	—
Telephone operators	13.92	4.9	14.01	5.0	—	—
Mail clerks, except postal service	12.79	11.9	12.79	11.9	—	—
Messengers	8.93	19.9	8.48	19.8	—	—
Dispatchers	18.02	9.5	14.82	6.7	20.46	11.3
Traffic, shipping and receiving clerks	12.57	3.5	12.28	3.9	—	—
Stock and inventory clerks	15.29	5.3	15.34	5.3	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Administrative support, including clerical –Continued						
Insurance adjusters, examiners, and investigators	\$19.03	20.9	\$19.03	20.9	–	–
Investigators and adjusters, except insurance	17.88	8.3	17.98	8.6	–	–
Eligibility clerks, social welfare	15.33	4.3	–	–	\$15.72	4.6
Bill and account collectors	17.80	7.6	17.80	7.6	–	–
General office clerks	14.74	3.7	14.48	4.8	15.51	3.8
Bank tellers	10.77	3.7	10.77	3.7	–	–
Data entry keyers	11.50	4.7	11.23	5.3	–	–
Statistical clerks	14.49	10.5	14.49	10.5	–	–
Teachers' aides	11.34	12.3	–	–	13.68	5.2
Administrative support, n.e.c.	15.97	5.4	16.34	6.6	14.83	2.6
Blue collar	15.57	3.0	14.85	3.3	19.42	4.2
Precision production, craft, and repair						
Supervisors, mechanics and repairers	24.87	6.4	27.68	3.8	–	–
Automobile mechanics	23.43	6.1	–	–	24.08	5.9
Industrial machinery repairers	18.60	4.7	18.60	4.7	–	–
Heating, air conditioning, and refrigeration mechanics	21.60	7.3	–	–	–	–
Mechanics and repairers, n.e.c.	19.65	4.1	19.70	5.5	–	–
Supervisors, electricians and power transmission installers	30.60	11.9	30.02	13.7	–	–
Carpenters	22.08	14.4	20.92	18.8	–	–
Electricians	23.61	8.1	24.73	8.5	18.64	9.1
Painters, construction and maintenance	23.87	7.6	24.73	6.2	–	–
Plumbers, pipefitters and steamfitters	23.06	8.1	–	–	–	–
Construction trades, n.e.c.	19.24	15.1	19.24	15.1	–	–
Supervisors, production	22.76	7.5	22.76	7.5	–	–
Machinists	17.73	9.9	15.85	2.4	–	–
Electrical and electronic equipment assemblers ..	12.30	14.0	12.30	14.0	–	–
Miscellaneous precision workers, n.e.c.	24.54	11.8	24.54	11.8	–	–
Stationary engineers	21.99	7.2	22.22	8.0	–	–
Machine operators, assemblers, and inspectors						
Punching and stamping press operators	9.91	10.7	9.91	10.7	–	–
Grinding, abrading, buffing, and polishing machine operators	10.80	6.1	10.80	6.1	–	–
Fabricating machine operators, n.e.c.	11.47	11.7	11.47	11.7	–	–
Textile sewing machine operators	7.51	10.5	7.51	10.5	–	–
Laundering and dry cleaning machine operators	10.65	8.6	10.36	9.0	–	–
Packaging and filling machine operators	10.37	13.4	10.37	13.4	–	–
Mixing and blending machine operators	12.84	6.7	12.84	6.7	–	–
Folding machine operators	11.96	4.4	11.96	4.4	–	–
Photographic process machine operators	11.37	1.9	11.37	1.9	–	–
Miscellaneous machine operators, n.e.c.	12.83	6.6	12.83	6.6	–	–
Assemblers	8.76	9.6	8.76	9.6	–	–
Production inspectors, checkers and examiners ..	11.21	6.2	11.21	6.2	–	–
Transportation and material moving						
Truck drivers	16.98	6.2	16.53	6.7	–	–
Driver-sales workers	21.57	3.6	21.57	3.6	–	–
Bus drivers	16.19	8.5	–	–	–	–
Taxicab drivers and chauffeurs	12.76	10.4	12.76	10.4	–	–
Motor transportation, n.e.c.	13.01	14.5	–	–	–	–
Industrial truck and tractor equipment operators ..	14.11	12.4	14.11	12.4	–	–
Handlers, equipment cleaners, helpers, and laborers						
Groundskeepers and gardeners, except farm	13.24	7.7	12.06	5.4	–	–

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Handlers, equipment cleaners, helpers, and laborers —Continued						
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	\$17.47	14.2	\$16.16	14.4	—	—
Helpers, construction trades	15.15	6.6	—	—	—	—
Production helpers	10.17	9.3	10.17	9.3	—	—
Stock handlers and baggers	14.33	8.7	14.32	8.7	—	—
Freight, stock, and material handlers, n.e.c.	12.74	8.0	12.74	8.0	—	—
Hand packers and packagers	10.59	16.3	10.59	16.3	—	—
Laborers, except construction, n.e.c.	11.11	7.5	10.15	8.9	\$15.19	3.3
Service	14.67	4.2	11.23	4.7	20.57	3.5
Protective service	20.82	5.3	11.45	10.0	24.61	3.4
Supervisors, police and detectives	32.38	7.1	—	—	32.38	7.1
Police and detectives, public service	25.00	4.9	—	—	25.00	4.9
Sheriffs, bailiffs, and other law enforcement officers	22.98	6.3	—	—	22.98	6.3
Correctional institution officers	20.93	4.8	—	—	20.93	4.8
Guards and police, except public service	11.15	10.3	10.90	11.2	14.82	2.2
Food service	10.07	6.2	9.90	6.9	11.54	3.0
Waiters, waitresses, and bartenders	6.95	17.1	6.63	17.6	—	—
Waiters and waitresses	6.10	17.1	6.10	17.1	—	—
Other food service	10.99	5.7	10.93	6.5	11.42	3.1
Supervisors, food preparation and service	13.66	8.9	14.05	8.8	—	—
Cooks	11.54	5.6	11.37	6.0	14.58	4.9
Food counter, fountain, and related	8.99	8.4	—	—	—	—
Kitchen workers, food preparation	12.82	9.3	12.93	10.1	—	—
Food preparation, n.e.c.	8.79	8.5	8.20	9.5	11.14	2.5
Health service	10.21	4.4	9.55	4.4	13.98	1.9
Health aides, except nursing	12.24	2.9	11.50	3.8	13.89	2.2
Nursing aides, orderlies and attendants	9.85	4.8	9.26	4.5	14.02	2.6
Cleaning and building service	13.33	4.0	12.58	6.4	14.78	5.2
Supervisors, cleaning and building service workers	19.49	5.5	—	—	—	—
Maids and housemen	12.91	6.7	12.91	6.7	—	—
Janitors and cleaners	13.14	5.0	11.84	10.7	14.64	5.5
Personal service	14.68	13.4	15.25	16.6	12.69	8.0
Public transportation attendants	29.20	22.4	—	—	—	—
Early childhood teachers' assistants	11.26	8.5	10.19	8.3	—	—
Child care workers, n.e.c.	8.90	5.5	8.72	5.3	—	—
Service, n.e.c.	11.34	17.4	11.21	19.3	—	—

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 2-3. Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$12.26	7.5	\$11.88	9.2	\$14.19	7.4
All excluding sales	13.17	8.2	12.92	10.3	14.19	7.4
White collar	15.77	9.3	15.31	11.3	18.11	12.5
White collar excluding sales	19.79	10.5	20.34	12.8	18.11	12.5
Professional specialty and technical	29.94	10.9	29.33	12.7	32.95	22.2
Professional specialty	34.13	11.5	33.31	13.6	38.16	23.6
Engineers, architects, and surveyors	—	—	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	30.50	5.5	30.48	5.7	—	—
Physicians	61.14	6.6	61.14	6.6	—	—
Registered nurses	26.25	3.7	26.28	3.7	—	—
Teachers, college and university	86.93	13.6	55.44	26.3	—	—
Teachers, except college and university	16.16	12.8	17.90	14.7	13.43	13.6
Elementary school teachers	20.72	6.9	—	—	—	—
Teachers, n.e.c.	18.50	21.7	19.76	28.4	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	16.46	10.3	—	—	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	14.12	10.1	13.40	15.7	—	—
Athletes	12.91	12.5	—	—	—	—
Technical	17.28	5.6	17.41	6.2	16.60	13.5
Licensed practical nurses	18.72	3.4	18.52	4.3	—	—
Health technologists and technicians, n.e.c.	14.31	4.6	14.91	3.2	—	—
Executive, administrative, and managerial	25.38	16.4	28.89	21.9	—	—
Executives, administrators, and managers	28.98	22.0	28.98	22.0	—	—
Management related	—	—	—	—	—	—
Sales	7.61	3.1	7.61	3.1	—	—
Sales workers, apparel	8.08	7.7	8.08	7.7	—	—
Sales workers, other commodities	7.08	5.1	7.08	5.1	—	—
Cashiers	7.42	3.4	7.42	3.4	—	—
Sales support, n.e.c.	8.00	13.3	8.00	13.3	—	—
Administrative support, including clerical	12.43	10.0	12.57	12.2	12.09	17.0
Secretaries	15.31	6.3	16.14	2.6	—	—
Interviewers	12.79	3.3	12.42	3.1	—	—
Receptionists	9.45	8.7	9.45	8.7	—	—
Library clerks	11.09	5.1	—	—	10.84	14.5
Bookkeepers, accounting and auditing clerks	9.38	8.4	9.38	8.4	—	—
General office clerks	8.33	15.3	10.36	4.8	—	—
Bank tellers	10.64	2.4	10.64	2.4	—	—
Data entry keyers	10.54	5.2	10.54	5.2	—	—
Administrative support, n.e.c.	10.51	12.2	10.63	13.4	—	—
Blue collar	10.46	13.1	10.40	13.7	—	—
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.69	13.0	10.41	13.5	—	—
Truck drivers	12.57	6.1	12.57	6.1	—	—
Handlers, equipment cleaners, helpers, and laborers	7.88	6.4	7.88	6.6	—	—
Stock handlers and baggers	7.21	2.9	7.21	2.9	—	—
Freight, stock, and material handlers, n.e.c.	9.35	8.9	9.35	8.9	—	—
Service	8.28	3.7	7.76	3.9	10.28	4.4
Protective service	10.02	7.1	8.90	6.3	12.17	2.0
Guards and police, except public service	8.96	6.0	8.94	6.3	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$6.48	7.2	\$5.81	5.3	\$10.09	4.0
Waiters, waitresses, and bartenders	4.80	12.9	4.80	12.9	—	—
Waiters and waitresses	4.99	17.7	4.99	17.7	—	—
Waiters/Waitresses' assistants	4.02	11.2	4.02	11.2	—	—
Other food service	7.15	7.3	6.33	4.2	10.09	4.0
Kitchen workers, food preparation	7.62	3.3	7.62	3.3	—	—
Food preparation, n.e.c.	6.96	9.0	5.98	3.8	10.03	4.4
Health service	9.30	5.0	9.27	5.1	—	—
Health aides, except nursing	9.97	11.0	9.74	11.7	—	—
Nursing aides, orderlies and attendants	9.22	5.4	9.22	5.5	—	—
Cleaning and building service	8.38	8.4	8.33	8.5	—	—
Janitors and cleaners	8.20	7.7	8.13	7.6	—	—
Personal service	9.23	3.9	8.82	6.7	9.57	4.1
Child care workers, n.e.c.	9.50	4.3	—	—	9.87	5.0
Service, n.e.c.	8.81	17.7	—	—	—	—

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 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$828	1.9	38.1	\$792	2.5	38.5	\$934	2.0	37.1
All excluding sales	831	1.9	38.0	794	2.5	38.4	935	2.1	37.1
White collar	977	2.0	37.8	963	2.6	38.5	1,016	2.9	35.7
White collar excluding sales	992	2.0	37.7	982	2.6	38.4	1,018	2.9	35.7
Professional specialty and technical	1,184	2.0	37.1	1,158	2.8	38.2	1,225	3.0	35.4
Professional specialty	1,241	2.0	37.2	1,222	2.7	38.6	1,265	2.9	35.2
Engineers, architects, and surveyors	1,220	3.9	39.7	1,304	3.4	40.2	956	4.8	38.2
Chemical engineers	1,270	6.1	39.5	1,270	6.1	39.5	-	-	-
Civil engineers	1,081	8.1	39.7	-	-	-	-	-	-
Electrical and electronic engineers	1,279	7.2	39.5	1,279	7.2	39.5	-	-	-
Industrial engineers	1,071	8.6	39.8	1,071	8.6	39.8	-	-	-
Mechanical engineers	1,049	11.6	37.5	-	-	-	-	-	-
Engineers, n.e.c.	1,339	5.9	40.3	1,412	3.8	40.4	-	-	-
Mathematical and computer scientists	1,326	4.0	38.5	1,327	4.0	38.5	-	-	-
Computer systems analysts and scientists	1,349	4.2	38.6	1,351	4.2	38.7	-	-	-
Operations and systems researchers and analysts	1,240	10.8	38.6	1,240	10.8	38.6	-	-	-
Natural scientists	1,298	6.8	39.1	1,317	7.1	39.1	-	-	-
Chemists, except biochemists	1,285	10.5	39.8	1,285	10.5	39.8	-	-	-
Medical scientists	1,413	2.6	37.1	1,435	2.5	37.2	-	-	-
Health related	1,096	2.4	39.2	1,112	2.8	38.4	1,024	3.9	42.8
Physicians	1,407	7.0	45.0	1,460	8.5	40.3	1,246	7.9	59.5
Registered nurses	1,052	1.9	38.0	1,067	2.0	38.1	973	4.6	37.3
Pharmacists	1,052	6.9	38.3	1,102	7.5	38.0	-	-	-
Dietitians	699	2.6	38.1	-	-	-	-	-	-
Respiratory therapists	799	6.0	35.5	-	-	-	-	-	-
Teachers, college and university	1,721	5.3	37.9	1,730	10.1	37.2	1,712	2.6	38.5
English teachers	2,147	12.0	37.1	-	-	-	-	-	-
Other post-secondary teachers	1,629	4.5	39.3	1,912	7.2	39.4	1,529	4.8	39.2
Teachers, except college and university	1,288	3.8	33.7	802	9.0	37.3	1,356	3.8	33.2
Prekindergarten and kindergarten	1,222	31.6	34.5	-	-	-	-	-	-
Elementary school teachers	1,421	4.4	34.7	1,042	6.7	39.0	1,478	4.7	34.1
Secondary school teachers	1,509	5.1	34.8	1,339	14.5	40.3	1,520	5.3	34.4
Teachers, special education	1,342	4.2	33.2	-	-	-	1,371	4.3	33.2
Teachers, n.e.c.	1,145	5.6	32.2	739	16.1	35.2	1,186	5.5	31.9
Vocational and educational counselors	988	20.4	35.1	480	8.3	38.4	1,264	7.7	33.2
Librarians, archivists, and curators	1,122	9.6	35.7	1,051	10.9	35.9	1,308	15.7	35.1
Librarians	1,065	9.8	35.7	960	9.5	36.0	1,308	15.7	35.1
Social scientists and urban planners	1,124	8.0	35.6	1,008	11.0	36.8	1,254	7.2	34.3
Economists	1,097	10.9	36.9	1,097	10.9	36.9	-	-	-
Psychologists	1,162	10.4	34.8	799	15.0	36.7	1,277	6.4	34.2
Social, recreation, and religious workers	812	5.8	36.6	765	5.6	37.0	842	9.2	36.4
Social workers	821	6.0	36.6	756	5.8	36.8	860	9.7	36.4
Lawyers and judges	1,797	17.4	40.8	2,632	12.1	48.3	1,192	8.0	35.4
Lawyers	1,797	17.4	40.8	2,632	12.1	48.3	1,192	8.0	35.4
Writers, authors, entertainers, athletes, and professionals, n.e.c.	1,216	6.5	38.3	1,229	6.7	38.2	-	-	-
Designers	1,099	7.7	38.6	1,099	7.7	38.6	-	-	-

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Professional specialty —Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. —Continued									
Editors and reporters	\$1,317	15.4	36.8	\$1,317	15.4	36.8	—	—	—
Public relations specialists	836	11.7	37.9	—	—	—	—	—	—
Professional, n.e.c.	1,291	6.8	39.0	1,296	6.9	39.0	—	—	—
Technical	904	8.7	37.1	942	9.7	36.9	\$708	4.6	38.1
Clinical laboratory technologists and technicians	725	4.7	37.9	709	5.3	37.9	837	9.0	37.5
Radiological technicians	847	4.2	37.2	847	4.2	37.2	—	—	—
Licensed practical nurses	661	2.9	37.6	675	3.2	37.5	595	3.1	38.0
Health technologists and technicians, n.e.c.	637	2.6	38.3	594	4.3	38.2	695	5.9	38.5
Electrical and electronic technicians	776	8.2	39.6	776	8.2	39.6	—	—	—
Engineering technicians, n.e.c.	765	8.6	40.0	765	8.6	40.0	—	—	—
Computer programmers	1,122	11.1	39.6	1,165	10.9	39.9	—	—	—
Legal assistants	796	3.6	36.3	—	—	—	—	—	—
Technical and related, n.e.c. ...	922	9.9	39.3	948	10.6	39.4	—	—	—
Executive, administrative, and managerial	1,353	3.6	38.5	1,443	3.6	39.1	1,040	7.4	36.5
Executives, administrators, and managers	1,570	3.4	39.0	1,610	3.7	39.5	1,357	6.9	36.4
Administrators and officials, public administration	1,314	5.8	36.5	—	—	—	1,312	6.2	36.5
Financial managers	1,774	9.9	38.6	1,847	10.2	39.0	—	—	—
Personnel and labor relations managers	1,357	7.2	39.1	1,382	8.2	39.3	—	—	—
Managers, marketing, advertising, and public relations	1,813	7.8	40.1	1,813	7.8	40.1	—	—	—
Administrators, education and related fields	1,413	13.3	36.8	940	9.7	37.3	1,740	6.0	36.4
Managers, medicine and health	1,395	6.5	36.9	1,529	5.9	37.5	1,032	5.1	35.2
Managers, service organizations, n.e.c.	1,622	13.7	37.3	1,665	13.9	37.4	—	—	—
Managers and administrators, n.e.c.	1,546	4.2	39.9	1,567	4.3	40.0	—	—	—
Management related	1,062	6.6	37.8	1,170	7.4	38.3	822	7.0	36.7
Accountants and auditors	998	4.8	38.5	1,012	5.3	38.6	—	—	—
Other financial officers	1,470	17.8	37.7	1,601	17.5	38.4	—	—	—
Management analysts	1,135	9.1	36.4	1,184	10.2	36.7	—	—	—
Personnel, training, and labor relations specialists	972	9.1	37.7	1,126	8.9	38.9	760	6.0	36.2
Purchasing agents and buyers, n.e.c.	1,090	9.5	37.7	1,099	9.5	37.7	—	—	—
Inspectors and compliance officers, except construction	759	11.9	37.5	1,165	5.1	36.8	696	11.7	37.7
Management related, n.e.c.	949	4.5	37.4	956	5.6	38.1	930	7.3	35.6
Sales	747	6.8	39.6	750	6.9	39.5	—	—	—
Supervisors, sales	959	9.2	40.2	959	9.2	40.2	—	—	—
Advertising and related sales	794	7.4	36.4	794	7.4	36.4	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Sales —Continued									
Sales, other business services	\$928	11.6	39.3	\$928	11.6	39.3	—	—	—
Sales representatives, mining, manufacturing, and wholesale	1,206	16.7	40.6	1,206	16.7	40.6	—	—	—
Sales workers, apparel	407	23.1	38.1	407	23.1	38.1	—	—	—
Sales workers, radio, tv, hi-fi, and appliances	634	21.6	39.6	634	21.6	39.6	—	—	—
Sales workers, hardware and building supplies	717	19.8	40.0	717	19.8	40.0	—	—	—
Sales workers, other commodities	410	5.1	39.8	410	5.1	39.8	—	—	—
Cashiers	510	6.7	39.1	483	5.9	39.0	—	—	—
Sales support, n.e.c.	650	11.4	37.7	650	11.4	37.7	—	—	—
Administrative support, including clerical									
Supervisors, general office	801	6.7	37.5	822	8.0	37.8	\$577	2.7	35.7
Supervisors, financial records processing	762	5.3	37.8	775	5.6	38.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	819	16.3	39.1	819	16.3	39.1	—	—	—
Computer operators	610	5.3	38.5	600	5.8	38.9	—	—	—
Secretaries	626	2.2	37.1	631	2.6	37.3	610	3.0	36.3
Stenographers	666	4.7	36.0	—	—	—	—	—	—
Typists	511	5.2	35.6	560	5.0	37.4	469	6.8	34.1
Interviewers	455	7.9	36.3	456	8.6	36.4	—	—	—
Hotel clerks	418	11.1	37.8	418	11.1	37.8	—	—	—
Transportation ticket and reservation agents	652	6.7	39.5	638	10.6	39.2	—	—	—
Receptionists	479	4.9	38.1	479	4.9	38.1	—	—	—
Order clerks	725	4.8	38.0	725	4.8	38.0	—	—	—
Personnel clerks, except payroll and timekeeping	533	8.9	38.6	535	9.2	38.7	—	—	—
Library clerks	479	11.1	34.1	575	8.1	36.4	—	—	—
File clerks	464	3.9	37.0	464	3.9	37.0	—	—	—
Records clerks, n.e.c.	553	4.1	38.5	560	4.5	38.3	—	—	—
Bookkeepers, accounting and auditing clerks	585	2.6	37.8	584	2.8	38.2	591	7.4	34.3
Payroll and timekeeping clerks	608	10.3	38.2	608	10.3	38.2	—	—	—
Billing clerks	514	4.4	38.3	514	4.4	38.3	—	—	—
Telephone operators	536	4.8	38.5	541	4.8	38.6	—	—	—
Mail clerks, except postal service	494	11.5	38.7	494	11.5	38.7	—	—	—
Messengers	346	18.2	38.7	332	18.8	39.2	—	—	—
Dispatchers	716	9.5	39.7	586	6.3	39.5	816	11.3	39.9
Traffic, shipping and receiving clerks	491	3.5	39.1	482	3.9	39.3	—	—	—
Stock and inventory clerks	603	5.3	39.5	605	5.4	39.4	—	—	—
Insurance adjusters, examiners, and investigators	744	20.0	39.1	744	20.0	39.1	—	—	—
Investigators and adjusters, except insurance	702	8.7	39.3	705	9.1	39.2	—	—	—
Eligibility clerks, social welfare	550	4.1	35.9	—	—	—	551	4.7	35.0
Bill and account collectors	703	7.8	39.5	703	7.8	39.5	—	—	—
General office clerks	550	3.7	37.3	554	4.9	38.3	541	3.8	34.9
Bank tellers	409	3.5	38.0	409	3.5	38.0	—	—	—
Data entry keyers	447	4.3	38.9	434	4.7	38.7	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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 —Continued									
Statistical clerks	\$523	9.0	36.1	\$523	9.0	36.1	—	—	—
Teachers' aides	366	12.1	32.3	—	—	—	\$419	9.7	30.7
Administrative support, n.e.c.	596	6.3	37.3	622	7.1	38.1	520	2.7	35.1
Blue collar	614	3.0	39.4	585	3.4	39.4	765	4.3	39.4
Precision production, craft, and repair	848	2.9	39.4	840	3.4	39.5	880	4.8	39.3
Supervisors, mechanics and repairers	989	6.1	39.8	1,098	3.4	39.7	—	—	—
Automobile mechanics	932	6.3	39.8	—	—	—	957	6.2	39.7
Industrial machinery repairers	738	4.5	39.7	738	4.5	39.7	—	—	—
Heating, air conditioning, and refrigeration mechanics	856	7.8	39.6	—	—	—	—	—	—
Mechanics and repairers, n.e.c.	765	4.5	38.9	760	6.0	38.6	—	—	—
Supervisors, electricians and power transmission installers	1,195	10.8	39.1	1,168	12.3	38.9	—	—	—
Carpenters	857	13.7	38.8	837	18.8	40.0	—	—	—
Electricians	933	8.0	39.5	978	8.3	39.5	733	7.9	39.3
Painters, construction and maintenance	883	8.2	37.0	925	6.2	37.4	—	—	—
Plumbers, pipefitters and steamfitters	889	6.4	38.6	—	—	—	—	—	—
Construction trades, n.e.c.	725	17.5	37.7	725	17.5	37.7	—	—	—
Supervisors, production	916	8.5	40.3	916	8.5	40.3	—	—	—
Machinists	709	9.9	40.0	634	2.4	40.0	—	—	—
Electrical and electronic equipment assemblers	490	13.7	39.8	490	13.7	39.8	—	—	—
Miscellaneous precision workers, n.e.c.	982	11.8	40.0	982	11.8	40.0	—	—	—
Stationary engineers	866	7.3	39.4	880	8.0	39.6	—	—	—
Machine operators, assemblers, and inspectors	434	4.0	39.7	432	4.0	39.7	—	—	—
Punching and stamping press operators	392	10.5	39.5	392	10.5	39.5	—	—	—
Grinding, abrading, buffing, and polishing machine operators	428	6.6	39.7	428	6.6	39.7	—	—	—
Fabricating machine operators, n.e.c.	459	11.7	40.0	459	11.7	40.0	—	—	—
Textile sewing machine operators	300	10.5	40.0	300	10.5	40.0	—	—	—
Laundering and dry cleaning machine operators	418	7.9	39.2	409	8.5	39.5	—	—	—
Packaging and filling machine operators	415	13.4	40.0	415	13.4	40.0	—	—	—
Mixing and blending machine operators	511	6.9	39.8	511	6.9	39.8	—	—	—
Folding machine operators	471	4.5	39.3	471	4.5	39.3	—	—	—
Photographic process machine operators	455	1.9	40.0	455	1.9	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	505	6.5	39.4	505	6.5	39.4	—	—	—
Assemblers	349	9.5	39.8	349	9.5	39.8	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Machine operators, assemblers, and inspectors —Continued									
Production inspectors, checkers and examiners ..	\$445	6.3	39.7	\$445	6.3	39.7	—	—	—
Transportation and material moving									
Truck drivers	667	5.0	39.0	645	6.9	38.8	\$709	7.2	39.3
Driver-sales workers	677	6.2	39.9	659	6.8	39.8	—	—	—
Bus drivers	862	3.6	40.0	862	3.6	40.0	—	—	—
Taxicab drivers and chauffeurs	580	13.0	35.8	—	—	—	—	—	—
Motor transportation, n.e.c.	504	10.3	39.5	504	10.3	39.5	—	—	—
Industrial truck and tractor equipment operators	483	15.6	37.1	—	—	—	—	—	—
564	12.4	40.0	564	12.4	40.0	—	—	—	
Handlers, equipment cleaners, helpers, and laborers									
Groundskeepers and gardeners, except farm	509	6.1	39.3	473	6.9	39.2	680	5.6	39.7
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	524	7.9	39.6	476	5.7	39.4	—	—	—
Helpers, construction trades ...	671	17.0	38.4	618	17.7	38.3	—	—	—
Production helpers	588	5.0	38.8	—	—	—	—	—	—
Stock handlers and baggers ...	396	8.5	39.0	396	8.5	39.0	—	—	—
Freight, stock, and material handlers, n.e.c.	570	8.7	39.8	570	8.8	39.8	—	—	—
Hand packers and packagers	509	8.0	40.0	509	8.0	40.0	—	—	—
Laborers, except construction, n.e.c.	424	16.3	40.0	424	16.3	40.0	—	—	—
432	7.5	38.9	393	8.6	38.7	607	3.3	40.0	
Service	553	4.3	37.7	414	4.3	36.8	809	3.7	39.3
Protective service	827	5.4	39.7	453	10.2	39.5	980	3.6	39.8
Supervisors, police and detectives	1,292	6.9	39.9	—	—	—	1,292	6.9	39.9
Police and detectives, public service	982	4.2	39.3	—	—	—	982	4.2	39.3
Sheriffs, bailiffs, and other law enforcement officers	871	6.6	37.9	—	—	—	871	6.6	37.9
Correctional institution officers	832	4.7	39.8	—	—	—	832	4.7	39.8
Guards and police, except public service	439	10.5	39.4	431	11.4	39.5	559	2.5	37.7
Food service	391	6.2	38.8	385	7.0	38.9	441	2.5	38.2
Waiters, waitresses, and bartenders	265	15.6	38.2	254	16.2	38.4	—	—	—
Waiters and waitresses	232	14.7	38.1	232	14.7	38.1	—	—	—
Other food service	428	6.0	39.0	426	6.8	39.0	442	3.0	38.7
Supervisors, food preparation and service	555	9.4	40.7	572	9.2	40.7	—	—	—
Cooks	450	5.1	39.0	444	5.5	39.1	543	4.6	37.3
Food counter, fountain, and related	335	9.6	37.2	—	—	—	—	—	—
Kitchen workers, food preparation	509	9.4	39.7	513	10.1	39.7	—	—	—
Food preparation, n.e.c.	335	8.7	38.2	312	9.6	38.1	429	3.1	38.5
Health service	380	5.1	37.2	353	5.0	37.0	542	1.9	38.8
Health aides, except nursing ..	467	3.2	38.2	432	4.1	37.5	549	2.3	39.6

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Health service—Continued									
Nursing aides, orderlies and attendants	\$365	5.5	37.1	\$342	5.2	36.9	\$538	2.6	38.4
Cleaning and building service	513	4.3	38.5	480	6.9	38.1	578	5.2	39.1
Supervisors, cleaning and building service workers ...	765	4.8	39.2	—	—	—	—	—	—
Maids and housemen	475	6.5	36.8	475	6.5	36.8	—	—	—
Janitors and cleaners	513	5.3	39.1	463	11.3	39.1	572	5.6	39.0
Personal service	473	9.3	32.3	474	11.3	31.1	472	8.6	37.2
Public transportation attendants	643	10.3	22.0	—	—	—	—	—	—
Early childhood teachers' assistants	387	9.0	34.4	340	7.0	33.4	—	—	—
Child care workers, n.e.c.	345	4.3	38.7	341	4.4	39.1	—	—	—
Service, n.e.c.	378	22.8	33.4	369	24.9	33.0	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$42,003	1.9	1,933	\$40,924	2.5	1,988	\$44,931	2.0	1,784
All excluding sales	42,128	1.9	1,928	41,026	2.5	1,984	44,980	2.1	1,783
White collar	49,009	2.0	1,896	49,744	2.6	1,989	47,123	2.9	1,657
White collar excluding sales	49,666	2.0	1,886	50,700	2.6	1,983	47,212	2.9	1,655
Professional specialty and technical	56,630	2.0	1,776	58,880	2.8	1,945	53,580	3.0	1,548
Professional specialty	58,410	2.0	1,749	61,783	2.7	1,953	54,649	2.9	1,521
Engineers, architects, and surveyors	63,437	3.9	2,067	67,783	3.4	2,092	49,735	4.8	1,985
Chemical engineers	66,061	6.1	2,052	66,061	6.1	2,052	-	-	-
Civil engineers	56,196	8.1	2,063	-	-	-	-	-	-
Electrical and electronic engineers	66,500	7.2	2,052	66,500	7.2	2,052	-	-	-
Industrial engineers	55,709	8.6	2,069	55,709	8.6	2,069	-	-	-
Mechanical engineers	54,567	11.6	1,949	-	-	-	-	-	-
Engineers, n.e.c.	69,638	5.9	2,097	73,403	3.8	2,099	-	-	-
Mathematical and computer scientists	68,949	4.0	2,001	69,026	4.0	2,003	-	-	-
Computer systems analysts and scientists	70,166	4.2	2,008	70,270	4.2	2,010	-	-	-
Operations and systems researchers and analysts	64,487	10.8	2,006	64,487	10.8	2,006	-	-	-
Natural scientists	67,492	6.8	2,032	68,487	7.1	2,032	-	-	-
Chemists, except biochemists	66,803	10.5	2,069	66,803	10.5	2,069	-	-	-
Medical scientists	73,501	2.6	1,929	74,635	2.5	1,935	-	-	-
Health related	56,777	2.4	2,031	57,772	2.8	1,996	52,354	3.9	2,188
Physicians	73,190	7.0	2,340	75,928	8.5	2,095	64,792	7.9	3,093
Registered nurses	54,469	1.9	1,967	55,475	2.0	1,983	49,154	4.6	1,887
Pharmacists	54,697	6.9	1,993	57,315	7.5	1,977	-	-	-
Dietitians	36,356	2.6	1,983	-	-	-	-	-	-
Respiratory therapists	41,563	6.0	1,845	-	-	-	-	-	-
Teachers, college and university	69,028	5.3	1,519	66,475	10.1	1,431	71,925	2.6	1,619
English teachers	84,450	12.0	1,459	-	-	-	-	-	-
Other post-secondary teachers	65,823	4.5	1,586	73,158	7.2	1,509	63,039	4.8	1,616
Teachers, except college and university	52,310	3.8	1,370	35,704	9.0	1,660	54,414	3.8	1,334
Prekindergarten and kindergarten	52,686	31.6	1,487	-	-	-	-	-	-
Elementary school teachers	56,441	4.4	1,378	41,057	6.7	1,534	58,778	4.7	1,355
Secondary school teachers	59,868	5.1	1,381	50,019	14.5	1,505	60,556	5.3	1,373
Teachers, special education	53,745	4.2	1,330	-	-	-	54,621	4.3	1,320
Teachers, n.e.c.	46,744	5.6	1,314	34,723	16.1	1,654	47,771	5.5	1,285
Vocational and educational counselors	45,880	20.4	1,629	24,947	8.3	1,997	55,505	7.7	1,459
Librarians, archivists, and curators	52,211	9.6	1,660	51,760	10.9	1,768	53,186	15.7	1,425
Librarians	49,087	9.8	1,647	46,963	9.5	1,762	53,186	15.7	1,425
Social scientists and urban planners	53,598	8.0	1,698	51,702	11.0	1,888	55,417	7.2	1,515
Economists	57,048	10.9	1,920	57,048	10.9	1,920	-	-	-
Psychologists	52,381	10.4	1,568	39,544	15.0	1,817	55,961	6.4	1,499
Social, recreation, and religious workers	41,939	5.8	1,891	39,534	5.6	1,910	43,470	9.2	1,879
Social workers	42,469	6.0	1,892	39,329	5.8	1,915	44,404	9.7	1,878
Lawyers and judges	93,430	17.4	2,123	136,873	12.1	2,511	61,960	8.0	1,842
Lawyers	93,430	17.4	2,123	136,873	12.1	2,511	61,960	8.0	1,842
Writers, authors, entertainers, athletes, and professionals, n.e.c.	63,227	6.5	1,991	63,912	6.7	1,988	-	-	-
Designers	57,158	7.7	2,006	57,158	7.7	2,006	-	-	-

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Professional specialty —Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. —Continued									
Editors and reporters	\$68,504	15.4	1,915	\$68,504	15.4	1,915	—	—	—
Public relations specialists	43,448	11.7	1,970	—	—	—	—	—	—
Professional, n.e.c.	67,121	6.8	2,029	67,411	6.9	2,028	—	—	—
Technical	46,961	8.7	1,924	48,957	9.7	1,915	\$36,670	4.6	1,971
Clinical laboratory technologists and technicians									
.....	37,706	4.7	1,968	36,862	5.3	1,970	43,517	9.0	1,953
Radiological technicians	44,039	4.2	1,934	44,039	4.2	1,934	—	—	—
Licensed practical nurses	34,365	2.9	1,955	35,088	3.2	1,950	30,959	3.1	1,977
Health technologists and technicians, n.e.c.									
.....	33,069	2.6	1,988	30,768	4.3	1,978	36,154	5.9	2,002
Electrical and electronic technicians									
.....	40,368	8.2	2,058	40,368	8.2	2,058	—	—	—
Engineering technicians, n.e.c.	39,790	8.6	2,080	39,790	8.6	2,080	—	—	—
Computer programmers	58,330	11.1	2,057	60,562	10.9	2,075	—	—	—
Legal assistants	41,405	3.6	1,889	—	—	—	—	—	—
Technical and related, n.e.c. ...	47,279	9.9	2,016	49,288	10.6	2,051	—	—	—
Executive, administrative, and managerial									
.....	70,015	3.6	1,992	75,023	3.6	2,031	52,927	7.4	1,860
Executives, administrators, and managers									
.....	80,942	3.4	2,011	83,711	3.7	2,054	66,986	6.9	1,795
Administrators and officials, public administration									
.....	68,081	5.8	1,889	—	—	—	67,973	6.2	1,893
Financial managers	92,257	9.9	2,009	96,052	10.2	2,027	—	—	—
Personnel and labor relations managers									
.....	70,565	7.2	2,035	71,861	8.2	2,044	—	—	—
Managers, marketing, advertising, and public relations									
.....	94,258	7.8	2,086	94,258	7.8	2,086	—	—	—
Administrators, education and related fields									
.....	66,476	13.3	1,730	48,899	9.7	1,939	76,765	6.0	1,608
Managers, medicine and health									
.....	72,554	6.5	1,918	79,500	5.9	1,952	53,674	5.1	1,828
Managers, service organizations, n.e.c.									
.....	84,325	13.7	1,941	86,575	13.9	1,945	—	—	—
Managers and administrators, n.e.c.									
.....	80,387	4.2	2,073	81,487	4.3	2,081	—	—	—
Management related									
.....	55,218	6.6	1,966	60,808	7.4	1,992	42,738	7.0	1,907
Accountants and auditors	51,908	4.8	2,000	52,624	5.3	2,007	—	—	—
Other financial officers	76,446	17.8	1,959	83,251	17.5	1,997	—	—	—
Management analysts	59,037	9.1	1,893	61,546	10.2	1,910	—	—	—
Personnel, training, and labor relations specialists									
.....	50,380	9.1	1,957	58,278	8.9	2,012	39,526	6.0	1,881
Purchasing agents and buyers, n.e.c.									
.....	56,684	9.5	1,961	57,149	9.5	1,962	—	—	—
Inspectors and compliance officers, except construction									
.....	39,488	11.9	1,952	60,585	5.1	1,914	36,185	11.7	1,958
Management related, n.e.c.	49,328	4.5	1,945	49,687	5.6	1,981	48,362	7.3	1,849
Sales									
.....	38,829	6.8	2,057	39,006	6.9	2,056	—	—	—
Supervisors, sales	49,887	9.2	2,090	49,887	9.2	2,090	—	—	—
Advertising and related sales	41,304	7.4	1,890	41,304	7.4	1,890	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Sales —Continued									
Sales, other business services	\$48,275	11.6	2,043	\$48,275	11.6	2,043	—	—	—
Sales representatives, mining, manufacturing, and wholesale	62,699	16.7	2,109	62,699	16.7	2,109	—	—	—
Sales workers, apparel	21,144	23.1	1,984	21,144	23.1	1,984	—	—	—
Sales workers, radio, tv, hi-fi, and appliances	32,963	21.6	2,057	32,963	21.6	2,057	—	—	—
Sales workers, hardware and building supplies	37,304	19.8	2,080	37,304	19.8	2,080	—	—	—
Sales workers, other commodities	21,336	5.1	2,067	21,336	5.1	2,067	—	—	—
Cashiers	26,518	6.7	2,033	25,124	5.9	2,027	—	—	—
Sales support, n.e.c.	33,785	11.4	1,960	33,785	11.4	1,960	—	—	—
Administrative support, including clerical									
Supervisors, general office	41,396	6.7	1,939	42,763	8.0	1,968	\$28,554	2.7	1,765
Supervisors, financial records processing	39,638	5.3	1,964	40,302	5.6	1,978	36,812	5.4	1,841
Supervisors, distribution, scheduling, and adjusting clerks	42,594	16.3	2,035	42,594	16.3	2,035	—	—	—
Computer operators	31,744	5.3	2,003	31,221	5.8	2,023	—	—	—
Secretaries	32,089	2.2	1,899	32,762	2.6	1,936	29,761	3.0	1,769
Stenographers	34,654	4.7	1,871	—	—	—	—	—	—
Typists	24,545	5.2	1,710	29,095	5.0	1,947	21,105	6.8	1,532
Interviewers	23,661	7.9	1,886	23,696	8.6	1,891	—	—	—
Hotel clerks	21,719	11.1	1,967	21,719	11.1	1,967	—	—	—
Transportation ticket and reservation agents	33,904	6.7	2,054	33,174	10.6	2,040	—	—	—
Receptionists	24,915	4.9	1,980	24,915	4.9	1,980	—	—	—
Order clerks	37,680	4.8	1,978	37,680	4.8	1,978	—	—	—
Personnel clerks, except payroll and timekeeping	27,700	8.9	2,009	27,795	9.2	2,011	—	—	—
Library clerks	22,784	11.1	1,623	29,885	8.1	1,893	—	—	—
File clerks	24,105	3.9	1,926	24,105	3.9	1,926	—	—	—
Records clerks, n.e.c.	28,762	4.1	2,003	29,118	4.5	1,992	—	—	—
Bookkeepers, accounting and auditing clerks	30,421	2.6	1,968	30,391	2.8	1,986	30,735	7.4	1,783
Payroll and timekeeping clerks	31,602	10.3	1,987	31,602	10.3	1,987	—	—	—
Billing clerks	26,751	4.4	1,993	26,751	4.4	1,993	—	—	—
Telephone operators	27,872	4.8	2,002	28,112	4.8	2,006	—	—	—
Mail clerks, except postal service	25,713	11.5	2,011	25,713	11.5	2,011	—	—	—
Messengers	17,968	18.2	2,012	17,280	18.8	2,038	—	—	—
Dispatchers	37,224	9.5	2,066	30,452	6.3	2,055	42,432	11.3	2,074
Traffic, shipping and receiving clerks	25,532	3.5	2,031	25,063	3.9	2,042	—	—	—
Stock and inventory clerks	31,370	5.3	2,052	31,463	5.4	2,051	—	—	—
Insurance adjusters, examiners, and investigators	38,684	20.0	2,033	38,684	20.0	2,033	—	—	—
Investigators and adjusters, except insurance	36,504	8.7	2,041	36,649	9.1	2,039	—	—	—
Eligibility clerks, social welfare	28,613	4.1	1,866	—	—	—	28,633	4.7	1,821
Bill and account collectors	36,560	7.8	2,054	36,560	7.8	2,054	—	—	—
General office clerks	28,596	3.7	1,940	28,797	4.9	1,989	28,068	3.8	1,810
Bank tellers	21,274	3.5	1,976	21,274	3.5	1,976	—	—	—
Data entry keyers	23,238	4.3	2,021	22,584	4.7	2,010	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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 —Continued									
Statistical clerks	\$27,209	9.0	1,878	\$27,209	9.0	1,878	—	—	—
Teachers' aides	15,745	12.1	1,388	—	—	—	\$16,342	9.7	1,195
Administrative support, n.e.c.	30,859	6.3	1,932	32,364	7.1	1,980	26,664	2.7	1,798
Blue collar	31,721	3.0	2,037	30,276	3.4	2,039	39,366	4.3	2,027
Precision production, craft, and repair	43,928	2.9	2,044	43,473	3.4	2,043	45,751	4.8	2,046
Supervisors, mechanics and repairers	51,048	6.1	2,052	56,436	3.4	2,039	—	—	—
Automobile mechanics	48,469	6.3	2,069	—	—	—	49,750	6.2	2,066
Industrial machinery repairers	38,391	4.5	2,064	38,391	4.5	2,064	—	—	—
Heating, air conditioning, and refrigeration mechanics	44,527	7.8	2,061	—	—	—	—	—	—
Mechanics and repairers, n.e.c.	39,784	4.5	2,024	39,522	6.0	2,007	—	—	—
Supervisors, electricians and power transmission installers	58,877	10.8	1,924	57,007	12.3	1,899	—	—	—
Carpenters	44,582	13.7	2,019	43,516	18.8	2,080	—	—	—
Electricians	48,028	8.0	2,034	50,250	8.3	2,032	38,095	7.9	2,044
Painters, construction and maintenance	45,898	8.2	1,923	48,114	6.2	1,946	—	—	—
Plumbers, pipefitters and steamfitters	46,234	6.4	2,005	—	—	—	—	—	—
Construction trades, n.e.c.	37,700	17.5	1,960	37,700	17.5	1,960	—	—	—
Supervisors, production	46,885	8.5	2,060	46,885	8.5	2,060	—	—	—
Machinists	36,882	9.9	2,080	32,970	2.4	2,080	—	—	—
Electrical and electronic equipment assemblers	25,471	13.7	2,070	25,471	13.7	2,070	—	—	—
Miscellaneous precision workers, n.e.c.	51,045	11.8	2,080	51,045	11.8	2,080	—	—	—
Stationary engineers	45,007	7.3	2,047	45,765	8.0	2,060	—	—	—
Machine operators, assemblers, and inspectors	22,546	4.0	2,060	22,423	4.0	2,061	—	—	—
Punching and stamping press operators	20,364	10.5	2,055	20,364	10.5	2,055	—	—	—
Grinding, abrading, buffing, and polishing machine operators	22,273	6.6	2,062	22,273	6.6	2,062	—	—	—
Fabricating machine operators, n.e.c.	23,858	11.7	2,080	23,858	11.7	2,080	—	—	—
Textile sewing machine operators	15,613	10.5	2,080	15,613	10.5	2,080	—	—	—
Laundering and dry cleaning machine operators	21,725	7.9	2,040	21,280	8.5	2,054	—	—	—
Packaging and filling machine operators	21,561	13.4	2,080	21,561	13.4	2,080	—	—	—
Mixing and blending machine operators	26,550	6.9	2,068	26,550	6.9	2,068	—	—	—
Folding machine operators	24,471	4.5	2,045	24,471	4.5	2,045	—	—	—
Photographic process machine operators	23,649	1.9	2,080	23,649	1.9	2,080	—	—	—
Miscellaneous machine operators, n.e.c.	26,264	6.5	2,048	26,264	6.5	2,048	—	—	—
Assemblers	18,153	9.5	2,072	18,153	9.5	2,072	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Machine operators, assemblers, and inspectors –Continued									
Production inspectors, checkers and examiners ...	\$23,125	6.3	2,063	\$23,125	6.3	2,063	–	–	–
Transportation and material moving									
Truck drivers	33,831	5.0	1,980	32,843	6.9	1,977	\$35,788	7.2	1,986
Driver-sales workers	35,201	6.2	2,073	34,257	6.8	2,072	–	–	–
Bus drivers	44,830	3.6	2,078	44,830	3.6	2,078	–	–	–
Taxicab drivers and chauffeurs	26,836	13.0	1,658	–	–	–	–	–	–
Motor transportation, n.e.c.	26,183	10.3	2,052	26,183	10.3	2,052	–	–	–
Industrial truck and tractor equipment operators	25,110	15.6	1,931	–	–	–	–	–	–
	29,350	12.4	2,080	29,350	12.4	2,080	–	–	–
Handlers, equipment cleaners, helpers, and laborers									
Groundskeepers and gardeners, except farm	26,460	6.1	2,042	24,618	6.9	2,037	35,352	5.6	2,066
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	27,265	7.9	2,059	24,728	5.7	2,051	–	–	–
Helpers, construction trades ...	34,877	17.0	1,996	32,156	17.7	1,990	–	–	–
Production helpers	30,590	5.0	2,020	–	–	–	–	–	–
Stock handlers and baggers ...	20,604	8.5	2,027	20,604	8.5	2,027	–	–	–
Freight, stock, and material handlers, n.e.c.	29,640	8.7	2,069	29,637	8.8	2,070	–	–	–
Hand packers and packagers	26,491	8.0	2,079	26,491	8.0	2,079	–	–	–
Laborers, except construction, n.e.c.	22,032	16.3	2,080	22,032	16.3	2,080	–	–	–
	22,489	7.5	2,024	20,422	8.6	2,012	31,563	3.3	2,078
Service	28,562	4.3	1,947	21,424	4.3	1,907	41,553	3.7	2,020
Protective service	43,004	5.4	2,065	23,543	10.2	2,056	50,921	3.6	2,069
Supervisors, police and detectives	67,203	6.9	2,076	–	–	–	67,203	6.9	2,076
Police and detectives, public service	51,047	4.2	2,042	–	–	–	51,047	4.2	2,042
Sheriffs, bailiffs, and other law enforcement officers	45,296	6.6	1,971	–	–	–	45,296	6.6	1,971
Correctional institution officers	43,278	4.7	2,068	–	–	–	43,278	4.7	2,068
Guards and police, except public service	22,817	10.5	2,046	22,391	11.4	2,055	28,541	2.5	1,926
Food service	19,948	6.2	1,980	19,801	7.0	1,999	21,106	2.5	1,830
Waiters, waitresses, and bartenders	13,469	15.6	1,938	13,145	16.2	1,983	–	–	–
Waiters and waitresses	12,023	14.7	1,971	12,023	14.7	1,971	–	–	–
Other food service	21,898	6.0	1,993	21,907	6.8	2,004	21,833	3.0	1,912
Supervisors, food preparation and service	28,881	9.4	2,114	29,753	9.2	2,118	–	–	–
Cooks	22,412	5.1	1,942	22,072	5.5	1,942	28,256	4.6	1,938
Food counter, fountain, and related	17,414	9.6	1,936	–	–	–	–	–	–
Kitchen workers, food preparation	26,361	9.4	2,056	26,555	10.1	2,054	–	–	–
Food preparation, n.e.c.	17,148	8.7	1,950	16,234	9.6	1,979	20,532	3.1	1,843
Health service	19,763	5.1	1,935	18,362	5.0	1,923	28,042	1.9	2,006
Health aides, except nursing ..	24,290	3.2	1,984	22,447	4.1	1,953	28,573	2.3	2,057

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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									
Health service—Continued									
Nursing aides, orderlies and attendants	\$18,971	5.5	1,926	\$17,774	5.2	1,919	\$27,816	2.6	1,985
Cleaning and building service	26,661	4.3	1,999	24,945	6.9	1,982	30,061	5.2	2,033
Supervisors, cleaning and building service workers ...	39,766	4.8	2,041	—	—	—	—	—	—
Maids and housemen	24,723	6.5	1,915	24,723	6.5	1,915	—	—	—
Janitors and cleaners	26,700	5.3	2,032	24,075	11.3	2,033	29,722	5.6	2,030
Personal service	23,762	9.3	1,619	24,268	11.3	1,591	21,854	8.6	1,722
Public transportation attendants	33,413	10.3	1,144	—	—	—	—	—	—
Early childhood teachers' assistants	17,382	9.0	1,544	16,443	7.0	1,613	—	—	—
Child care workers, n.e.c.	17,193	4.3	1,931	17,524	4.4	2,011	—	—	—
Service, n.e.c.	19,075	22.8	1,682	18,575	24.9	1,657	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$20.85	1.9	\$19.70	2.4	\$24.48	2.3
All excluding sales	21.14	1.9	19.99	2.5	24.52	2.3
White collar	25.08	2.0	24.20	2.5	27.89	3.1
1	7.75	5.8	7.98	5.6	—	—
2	10.54	5.6	10.45	6.1	11.73	8.2
3	11.70	2.2	11.33	2.1	14.73	5.0
4	13.92	3.5	13.82	3.9	14.73	5.0
5	16.39	1.9	16.35	2.2	16.51	3.4
6	17.38	2.9	17.76	3.0	15.91	5.5
7	21.86	4.0	21.61	2.2	22.80	16.1
8	26.47	5.6	23.70	2.3	34.19	12.8
9	31.86	2.6	28.63	3.4	35.59	3.7
10	31.94	4.3	33.38	5.1	28.33	6.0
11	35.52	5.1	36.66	6.2	31.12	3.3
12	43.63	3.4	43.65	3.9	43.53	6.1
13	52.64	4.8	52.76	5.5	51.87	2.5
14	61.33	9.5	61.87	10.5	56.82	5.2
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	31.72	7.6	38.43	7.4	22.90	10.2
White collar excluding sales	25.97	2.0	25.27	2.6	27.98	3.1
1	8.03	9.1	8.46	9.0	—	—
2	11.66	4.5	11.66	4.9	11.73	8.2
3	12.27	2.3	11.95	2.2	14.45	5.3
4	14.38	3.6	14.34	4.1	14.73	5.0
5	16.29	1.8	16.19	2.1	16.51	3.4
6	17.19	2.8	17.55	2.9	15.91	5.5
7	22.05	4.1	21.74	2.2	23.20	16.4
8	26.76	6.2	23.56	2.5	34.19	12.8
9	31.95	2.6	28.71	3.4	35.59	3.7
10	32.04	4.1	33.74	4.9	28.33	6.0
11	35.54	5.3	36.73	6.4	31.12	3.3
12	43.48	3.2	43.47	3.7	43.53	6.1
13	52.64	4.8	52.76	5.5	51.87	2.5
14	61.33	9.5	61.87	10.5	56.82	5.2
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	31.71	7.7	38.63	7.5	22.90	10.2
Professional specialty and technical	31.77	2.2	30.21	2.9	34.57	3.2
Professional specialty	33.44	1.9	31.75	2.5	35.97	2.9
5	17.03	6.4	17.35	6.3	—	—
6	17.75	18.7	17.51	19.7	—	—
7	24.74	10.7	23.27	3.4	28.02	28.1
8	32.07	7.9	25.50	3.1	41.92	7.6
9	33.43	3.4	28.23	5.8	36.61	4.0
10	29.96	4.1	30.45	3.4	29.17	9.5
11	31.63	3.1	31.99	3.6	30.06	6.2
12	41.46	4.2	41.24	4.9	42.63	5.3
13	52.68	4.7	52.83	6.2	52.22	2.6
14	54.60	4.5	53.43	5.6	59.15	5.4
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	36.80	7.2	41.18	9.7	30.59	3.9
Engineers, architects, and surveyors	30.69	3.7	32.34	3.6	25.05	4.8
7	21.77	4.9	21.77	4.9	—	—
9	26.34	5.6	29.31	5.3	—	—
10	28.11	8.7	32.81	5.2	—	—
11	31.38	5.4	31.38	5.4	—	—
12	35.45	3.4	35.20	3.5	—	—
13	44.54	4.2	44.54	4.2	—	—
Chemical engineers	32.19	5.5	32.19	5.5	—	—
Civil engineers	27.25	8.6	—	—	—	—
Electrical and electronic engineers	32.41	6.7	32.41	6.7	—	—
Industrial engineers	26.92	8.8	26.92	8.8	—	—
Mechanical engineers	27.67	8.4	30.74	7.5	—	—
Engineers, n.e.c.	33.23	5.6	34.89	3.8	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Engineers, architects, and surveyors —Continued						
Engineers, n.e.c. —Continued						
11	\$30.07	5.4	\$30.07	5.4	—	—
12	36.55	2.2	36.55	2.2	—	—
Mathematical and computer scientists	36.36	6.1	36.38	6.1	—	—
7	21.68	2.7	21.68	2.7	—	—
8	25.68	4.6	25.68	4.6	—	—
9	40.67	23.5	40.59	24.1	—	—
10	31.99	4.7	31.99	4.7	—	—
11	33.15	4.2	33.19	4.2	—	—
12	39.19	5.8	39.14	5.9	—	—
13	42.42	6.8	42.42	6.8	—	—
14	52.66	10.3	52.66	10.3	—	—
Not able to be leveled	36.60	7.6	36.60	7.6	—	—
Computer systems analysts and scientists	34.95	4.1	34.96	4.2	—	—
7	21.96	2.7	21.96	2.7	—	—
9	29.43	4.5	28.86	4.2	—	—
10	31.99	4.7	31.99	4.7	—	—
11	32.54	3.9	32.59	3.9	—	—
12	39.19	5.8	39.14	5.9	—	—
13	42.42	6.8	42.42	6.8	—	—
14	52.66	10.3	52.66	10.3	—	—
Operations and systems researchers and analysts	50.34	24.5	50.34	24.5	—	—
Natural scientists	33.22	7.3	33.70	7.7	—	—
Chemists, except biochemists	32.28	10.6	32.28	10.6	—	—
Medical scientists	38.10	3.0	38.56	3.2	—	—
Health related	28.22	2.5	29.13	2.8	\$24.03	4.5
5	23.28	6.5	23.28	6.5	—	—
7	25.78	5.2	26.14	5.6	21.81	9.2
8	26.60	2.5	26.72	2.8	25.73	2.2
9	25.19	2.6	25.89	2.7	22.54	5.5
10	25.32	8.5	28.84	7.2	15.82	15.4
11	29.32	8.2	29.65	9.4	27.44	16.2
12	41.34	16.3	41.31	17.8	—	—
13	59.63	6.8	60.25	9.0	—	—
14	61.94	4.6	—	—	—	—
Not able to be leveled	35.75	16.6	47.79	14.3	—	—
Physicians	33.03	8.6	38.35	9.2	20.95	12.9
9	17.27	14.1	19.53	15.4	—	—
10	16.30	9.5	19.91	4.5	—	—
11	27.03	18.0	—	—	—	—
12	44.10	21.0	44.10	21.0	—	—
13	59.19	7.1	60.25	9.0	—	—
14	61.94	4.6	—	—	—	—
Not able to be leveled	37.70	18.3	55.40	13.1	—	—
Registered nurses	27.52	1.9	27.76	2.1	26.03	4.5
7	28.11	6.1	28.68	6.7	22.57	11.2
8	27.23	2.5	27.31	2.8	—	—
9	26.23	2.5	26.65	2.6	24.44	6.1
10	34.29	2.6	34.29	2.6	—	—
11	29.28	11.3	28.43	12.0	34.72	3.6
Pharmacists	27.82	6.4	29.16	6.0	—	—
Dietitians	18.33	3.2	—	—	—	—
Respiratory therapists	22.33	2.5	22.35	2.2	—	—
Teachers, college and university	48.22	4.6	47.07	8.8	49.38	3.2
9	23.57	7.5	22.12	7.5	—	—
10	37.83	13.8	—	—	36.49	19.5
11	35.69	7.2	36.13	9.4	34.48	9.7
12	49.97	10.5	61.57	13.8	40.66	10.3

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Teachers, college and university —Continued						
13	\$51.46	2.7	—	—	\$51.14	2.9
14	54.76	5.6	—	—	—	—
Not able to be leveled	55.09	10.3	—	—	—	—
Medical science teachers	78.10	16.7	—	—	—	—
English teachers	57.87	8.0	—	—	—	—
Other post-secondary teachers	41.07	5.2	\$45.52	9.5	39.02	5.8
12	34.32	6.2	—	—	32.85	5.1
13	48.78	5.8	—	—	48.54	6.2
Teachers, except college and university	37.40	3.7	21.00	8.7	40.36	3.4
5	12.84	5.5	12.88	5.5	—	—
6	11.39	11.3	11.39	11.3	—	—
7	27.33	25.6	21.06	3.9	29.97	31.8
8	41.14	8.7	26.43	14.8	44.94	6.1
9	40.30	2.8	26.77	9.0	40.99	2.9
10	36.54	6.8	—	—	38.12	6.5
Prekindergarten and kindergarten	32.79	30.9	15.47	11.9	—	—
Elementary school teachers	40.26	4.8	25.68	6.5	43.26	5.1
7	32.40	24.4	21.68	3.4	—	—
8	42.56	5.7	31.91	13.3	—	—
9	41.69	6.4	—	—	42.09	6.6
Secondary school teachers	43.34	4.9	33.24	14.7	44.11	5.1
8	49.24	8.1	—	—	50.44	8.9
9	40.11	4.2	—	—	40.96	4.2
Teachers, special education	40.38	3.5	24.53	16.0	41.37	3.3
9	39.63	3.8	—	—	40.73	3.3
Teachers, n.e.c.	34.93	6.0	20.72	13.0	36.90	5.7
6	13.91	12.2	13.91	12.2	—	—
9	39.52	2.4	—	—	—	—
Substitute teachers	10.63	3.4	—	—	—	—
Vocational and educational counselors	27.79	25.4	12.42	10.6	38.04	10.8
Librarians, archivists, and curators	31.37	10.0	29.27	11.6	36.81	15.7
9	35.48	16.6	—	—	38.60	17.4
11	32.96	13.9	32.96	13.9	—	—
Librarians	29.72	10.3	26.65	10.1	36.81	15.7
9	35.48	16.6	—	—	38.60	17.4
11	32.96	13.9	32.96	13.9	—	—
Social scientists and urban planners	31.63	10.4	27.56	11.6	36.58	11.3
9	38.46	11.8	—	—	—	—
10	36.59	9.3	—	—	—	—
11	29.26	9.6	33.23	13.0	—	—
Economists	29.71	12.8	29.71	12.8	—	—
Psychologists	33.48	13.7	22.77	12.3	37.34	10.5
Social, recreation, and religious workers	21.93	4.9	20.62	5.8	22.78	7.6
7	16.81	7.0	16.29	6.2	—	—
8	18.04	9.9	—	—	22.13	8.9
9	22.10	7.0	23.11	4.6	21.77	8.8
11	29.12	6.2	—	—	—	—
Social workers	22.26	5.2	20.61	6.1	23.31	8.1
7	16.88	7.1	16.29	6.2	—	—
8	18.45	12.3	—	—	23.05	7.9
9	21.90	7.0	22.33	3.7	21.77	8.8
11	29.12	6.2	—	—	—	—
Recreation workers	14.99	7.9	—	—	—	—
Lawyers and judges	44.31	11.7	54.51	12.4	34.42	7.8
12	50.50	20.0	52.67	28.6	—	—
Lawyers	44.31	11.7	54.51	12.4	34.42	7.8
12	50.50	20.0	52.67	28.6	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.06	7.0	31.62	7.2	21.33	8.6

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Writers, authors, entertainers, athletes, and professionals, n.e.c. —Continued						
5	\$16.51	3.8	\$16.51	3.8	—	—
7	22.41	11.2	22.41	11.2	—	—
9	29.96	11.5	31.43	12.1	—	—
11	32.14	6.6	32.66	7.0	—	—
12	41.11	8.0	41.11	8.0	—	—
13	41.11	1.6	41.11	1.6	—	—
Not able to be leveled	33.60	20.5	35.00	21.0	—	—
Designers	27.64	8.2	27.64	8.2	—	—
Editors and reporters	35.77	16.1	35.77	16.1	—	—
9	33.73	14.7	33.73	14.7	—	—
Public relations specialists	22.06	12.7	—	—	—	—
Athletes	15.69	14.6	15.79	21.7	—	—
Not able to be leveled	15.69	14.6	15.79	21.7	—	—
Professional, n.e.c.	33.08	7.4	33.25	7.6	—	—
9	31.61	22.6	31.61	22.6	—	—
11	29.32	4.6	29.89	4.9	—	—
12	37.40	1.7	37.40	1.7	—	—
Not able to be leveled	38.59	21.9	38.59	21.9	—	—
Technical	23.81	9.9	24.88	11.2	\$18.44	5.6
3	13.01	9.4	12.93	9.6	—	—
4	15.10	4.1	15.24	4.1	—	—
5	17.10	3.1	17.20	3.7	16.74	4.7
6	16.82	3.8	17.02	4.8	16.37	4.2
7	21.93	9.5	22.57	11.3	19.18	4.7
8	21.86	4.8	21.80	5.0	—	—
9	29.65	10.4	31.12	12.3	—	—
10	45.95	26.9	45.95	26.9	—	—
11	89.10	37.6	96.88	36.9	—	—
Clinical laboratory technologists and technicians	19.18	4.7	18.77	5.2	22.29	11.3
7	18.52	7.5	18.96	10.5	—	—
8	20.37	10.1	—	—	—	—
9	23.66	4.6	23.48	4.7	—	—
Radiological technicians	22.49	2.9	22.49	2.9	—	—
6	21.75	3.3	21.75	3.3	—	—
Licensed practical nurses	17.84	2.5	18.10	2.8	16.80	5.2
5	17.20	3.2	18.15	2.0	15.52	5.0
6	18.26	3.8	18.51	4.2	—	—
7	18.61	5.9	18.42	7.2	—	—
Health technologists and technicians, n.e.c.	16.37	2.6	15.45	3.2	17.75	7.2
4	14.93	5.0	15.17	4.9	—	—
5	15.38	7.2	14.49	6.8	—	—
6	15.04	4.5	12.56	4.7	—	—
Electrical and electronic technicians	18.98	8.2	18.98	8.2	—	—
8	22.70	6.3	22.70	6.3	—	—
Engineering technicians, n.e.c.	19.36	7.1	19.36	7.1	—	—
Computer programmers	28.36	8.5	29.18	8.3	—	—
9	32.33	9.5	33.00	9.0	—	—
Legal assistants	21.92	3.6	—	—	—	—
Technical and related, n.e.c.	23.39	10.9	24.03	11.8	—	—
8	26.27	13.9	—	—	—	—
Executive, administrative, and managerial	35.08	3.4	36.90	3.6	28.33	7.5
5	18.80	4.3	18.58	5.6	—	—
6	16.55	8.5	18.50	4.1	—	—
7	20.74	2.8	21.15	3.3	19.14	3.6
8	21.57	4.6	22.45	4.6	19.72	7.6
9	28.67	3.6	28.99	4.0	26.72	6.9
10	31.66	4.6	33.69	4.9	27.09	3.5

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
11	\$35.64	3.8	\$36.84	4.6	\$32.13	4.0
12	44.95	3.9	45.15	4.3	44.07	8.9
13	52.60	8.4	52.71	8.5	—	—
14	65.02	13.4	65.76	14.0	—	—
Not able to be leveled	46.19	7.2	50.19	7.2	33.00	6.6
Executives, administrators, and managers	40.15	3.3	40.64	3.6	37.31	6.8
7	22.44	5.7	23.03	5.9	—	—
8	24.00	5.3	24.32	5.4	—	—
9	30.76	4.9	30.68	5.3	31.67	13.0
10	31.65	6.4	31.73	6.6	—	—
11	35.56	3.5	36.05	4.3	34.05	4.6
12	44.04	3.6	43.93	3.9	44.47	8.9
13	49.99	7.3	50.08	7.4	—	—
14	69.92	12.7	71.14	13.1	—	—
Not able to be leveled	48.49	8.1	51.90	7.9	—	—
Administrators and officials, public administration	36.04	5.7	—	—	35.91	6.0
Financial managers	45.92	9.8	47.39	10.3	—	—
9	35.81	14.1	37.82	11.8	—	—
11	36.49	7.7	37.80	9.0	—	—
12	46.46	10.2	46.46	10.2	—	—
14	78.17	28.4	83.84	30.0	—	—
Personnel and labor relations managers	33.69	7.1	34.02	7.9	—	—
Managers, marketing, advertising, and public relations	45.19	8.0	45.19	8.0	—	—
9	28.35	8.5	28.35	8.5	—	—
12	46.00	10.5	46.00	10.5	—	—
Administrators, education and related fields	37.77	13.7	24.41	7.6	47.74	5.8
12	43.46	11.9	—	—	48.82	5.8
Managers, medicine and health	37.85	6.2	40.69	6.2	29.36	4.9
8	21.77	7.3	—	—	—	—
9	30.24	5.5	31.10	6.1	—	—
11	32.60	9.1	—	—	—	—
12	49.32	13.0	52.26	14.8	37.13	8.1
13	53.97	8.2	54.51	8.3	—	—
Managers, service organizations, n.e.c.	43.44	13.8	44.51	14.1	—	—
9	36.32	16.3	—	—	—	—
Managers and administrators, n.e.c.	38.78	3.9	39.14	4.1	—	—
7	23.15	6.3	23.24	6.4	—	—
8	23.62	5.5	23.62	5.5	—	—
9	28.40	4.2	28.35	4.3	—	—
10	30.35	11.0	30.35	11.0	—	—
11	35.04	4.8	35.04	4.8	—	—
12	43.25	3.9	44.30	3.6	—	—
13	46.81	6.2	46.81	6.2	—	—
14	65.47	12.3	65.47	12.3	—	—
Not able to be leveled	46.97	9.2	49.78	8.4	—	—
Management related	28.03	6.4	30.53	7.3	22.34	7.6
5	18.42	4.3	17.93	5.1	—	—
6	16.70	8.9	18.86	3.9	—	—
7	20.00	2.6	20.16	3.3	19.51	2.8
8	20.78	5.3	21.48	5.9	19.73	8.1
9	25.84	2.4	26.33	2.6	24.04	5.5
10	31.67	6.3	36.01	5.6	—	—
11	35.82	10.0	38.88	10.7	28.19	2.2
12	49.86	10.9	50.52	10.7	—	—
13	70.43	20.6	70.43	20.6	—	—
Not able to be leveled	40.85	15.8	45.37	18.6	—	—
Accountants and auditors	25.86	4.8	26.22	5.3	—	—
5	17.61	6.3	17.61	6.3	—	—
7	20.26	3.6	20.26	3.6	—	—
8	21.13	11.0	21.48	16.1	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Management related —Continued						
Accountants and auditors —Continued						
9	\$25.32	3.4	\$25.74	3.6	—	—
10	29.11	5.3	—	—	—	—
11	32.64	6.6	34.02	6.7	—	—
Other financial officers	39.02	16.5	41.69	16.9	—	—
Management analysts	31.19	8.7	32.22	9.6	—	—
Personnel, training, and labor relations						
specialists	25.75	7.8	28.97	8.6	\$21.01	3.5
8	22.68	10.4	—	—	—	—
9	29.16	7.3	—	—	—	—
Purchasing agents and buyers, n.e.c.	28.90	10.7	29.13	10.7	—	—
Construction inspectors	24.72	10.1	—	—	—	—
Inspectors and compliance officers, except						
construction	20.23	12.4	31.65	5.4	18.48	12.2
Management related, n.e.c.	25.28	4.8	25.08	6.0	25.85	7.5
6	18.92	4.5	18.99	4.7	—	—
7	20.98	4.8	—	—	—	—
8	21.51	5.4	20.32	4.9	—	—
9	25.07	3.9	25.63	4.3	—	—
Not able to be leveled	34.55	13.0	37.91	24.0	—	—
Sales						
1	15.58	6.6	15.58	6.8	—	—
2	7.30	3.9	7.30	3.9	—	—
3	6.81	3.7	6.81	3.7	—	—
4	9.78	5.6	9.42	4.7	—	—
5	10.70	4.5	10.70	4.5	—	—
6	17.37	8.8	17.37	8.8	—	—
7	20.01	11.9	20.01	11.9	—	—
8	16.37	5.2	—	—	—	—
10	24.37	6.4	24.37	6.4	—	—
11	30.97	23.7	30.97	23.7	—	—
11	35.02	13.5	35.02	13.5	—	—
Not able to be leveled	31.91	26.1	31.91	26.1	—	—
Supervisors, sales						
8	23.87	9.0	23.87	9.0	—	—
8	25.96	9.6	25.96	9.6	—	—
Advertising and related sales	21.85	3.9	21.85	3.9	—	—
Sales, other business services	23.63	12.2	23.63	12.2	—	—
5	19.16	15.0	19.16	15.0	—	—
Sales representatives, mining, manufacturing, and wholesale						
2	29.73	16.2	29.73	16.2	—	—
Sales workers, apparel	9.42	14.5	9.42	14.5	—	—
Sales workers, radio, tv, hi-fi, and appliances	15.51	24.9	15.51	24.9	—	—
Sales workers, other commodities	9.22	4.7	9.22	4.7	—	—
2	6.79	5.4	6.79	5.4	—	—
3	9.51	9.7	9.51	9.7	—	—
4	10.00	5.6	10.00	5.6	—	—
Cashiers						
3	9.12	6.3	8.79	5.5	—	—
3	10.14	8.2	9.46	6.5	—	—
4	10.45	15.6	10.45	15.6	—	—
Sales support, n.e.c.	15.91	15.4	15.91	15.4	—	—
Administrative support, including clerical						
1	15.23	1.9	15.13	2.3	15.67	2.9
1	8.03	9.1	8.46	9.0	—	—
2	11.66	4.5	11.66	4.9	11.73	8.2
3	12.25	2.3	11.92	2.3	14.43	5.3
4	14.35	3.8	14.30	4.3	14.76	5.1
5	15.98	2.2	15.77	2.6	16.43	3.7
6	17.48	2.4	17.54	2.7	17.14	3.4
7	20.77	2.9	20.95	3.2	19.79	7.1
8	21.92	5.0	22.58	5.6	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
9	\$28.52	7.8	\$28.16	9.0	—	—
Not able to be leveled	14.78	3.3	14.26	7.8	\$15.04	2.9
Supervisors, general office	21.35	6.5	21.73	7.7	19.99	7.3
5	18.40	8.6	18.30	12.5	—	—
6	16.47	10.8	—	—	—	—
7	19.25	4.8	—	—	—	—
8	21.68	4.0	—	—	—	—
9	28.13	10.6	—	—	—	—
Supervisors, financial records processing	20.07	5.4	20.25	5.8	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.93	16.2	20.93	16.2	—	—
Computer operators	15.85	6.4	15.43	6.7	—	—
Secretaries	16.83	2.4	16.88	2.6	16.64	6.3
3	13.74	5.7	13.71	6.3	—	—
4	14.86	3.5	14.61	3.9	16.38	6.8
5	16.49	4.1	15.78	2.8	19.16	6.5
6	17.34	2.8	17.32	3.2	17.47	1.5
7	21.64	5.1	22.13	5.1	—	—
Stenographers	18.14	4.4	—	—	18.49	5.0
Typists	14.07	3.9	14.94	6.5	13.38	3.5
3	14.12	4.8	—	—	13.44	8.9
4	13.11	4.3	13.19	10.4	—	—
5	15.26	8.9	—	—	—	—
Interviewers	12.61	5.5	12.50	6.1	—	—
4	12.05	9.7	—	—	—	—
Hotel clerks	11.04	11.6	11.04	11.6	—	—
3	10.85	12.6	10.85	12.6	—	—
Transportation ticket and reservation agents	15.85	6.8	15.34	10.3	—	—
Receptionists	12.20	4.9	12.20	4.9	—	—
2	11.32	7.1	11.32	7.1	—	—
3	11.69	7.5	11.69	7.5	—	—
4	12.76	7.9	12.76	7.9	—	—
Order clerks	19.05	5.8	19.05	5.8	—	—
5	18.55	8.5	18.55	8.5	—	—
Personnel clerks, except payroll and timekeeping Library clerks	13.79	9.2	13.83	9.6	—	—
2	13.05	6.0	14.00	8.1	11.78	5.6
3	7.72	3.7	—	—	7.72	3.7
4	12.39	7.2	—	—	—	—
4	14.84	10.1	—	—	—	—
File clerks	12.54	3.7	12.54	3.7	—	—
2	11.50	4.6	11.50	4.6	—	—
Records clerks, n.e.c.	14.36	4.6	14.62	4.9	—	—
4	14.42	5.9	14.42	5.9	—	—
Bookkeepers, accounting and auditing clerks	15.19	2.9	15.03	3.0	17.24	9.4
3	12.39	7.7	12.39	7.7	—	—
4	12.86	5.0	12.86	5.0	—	—
5	16.18	3.7	15.66	2.1	—	—
6	17.59	4.0	17.80	4.4	—	—
7	18.31	5.8	18.91	6.6	—	—
Payroll and timekeeping clerks	15.90	10.2	15.90	10.2	—	—
Billing clerks	13.39	5.6	13.39	5.6	—	—
4	12.07	5.1	12.07	5.1	—	—
Telephone operators	13.58	5.0	13.66	5.0	—	—
2	13.71	6.2	—	—	—	—
3	12.92	6.8	12.92	6.8	—	—
Mail clerks, except postal service	12.71	11.9	12.71	11.9	—	—
3	16.08	18.3	16.08	18.3	—	—
Messengers	9.02	18.3	8.62	18.3	—	—
Dispatchers	18.02	9.5	14.82	6.7	20.46	11.3
Traffic, shipping and receiving clerks	12.58	3.5	12.31	3.9	—	—
3	11.58	6.4	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Traffic, shipping and receiving clerks —Continued						
4	\$11.92	5.1	\$11.92	5.1	—	—
Stock and inventory clerks	13.46	9.9	13.47	10.0	—	—
3	12.20	6.5	12.20	6.5	—	—
4	14.38	5.0	14.50	5.0	—	—
5	15.07	8.2	15.07	8.2	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.15	18.4	13.15	18.4	—	—
Insurance adjusters, examiners, and investigators	19.03	20.9	19.03	20.9	—	—
7	21.15	7.8	21.15	7.8	—	—
Investigators and adjusters, except insurance	17.72	8.2	17.80	8.6	—	—
7	17.89	3.8	—	—	—	—
Eligibility clerks, social welfare	15.33	4.3	—	—	\$15.72	4.6
Bill and account collectors	17.52	7.7	17.52	7.7	—	—
General office clerks	14.05	4.5	14.15	4.6	13.79	10.8
1	5.91	12.3	—	—	—	—
2	9.91	9.0	9.89	9.7	—	—
3	12.08	3.6	11.89	4.4	12.58	4.2
4	14.68	6.3	14.73	7.0	14.19	4.5
5	15.62	5.3	14.54	7.2	16.58	5.5
6	18.59	7.2	—	—	—	—
Bank tellers	10.75	3.4	10.75	3.4	—	—
3	9.86	2.7	9.86	2.7	—	—
4	12.16	4.7	12.16	4.7	—	—
Data entry keyers	11.40	4.2	11.15	4.7	—	—
2	10.86	5.7	10.58	6.0	—	—
3	10.65	5.7	10.65	5.7	—	—
4	13.62	9.7	13.91	10.8	—	—
Statistical clerks	14.49	10.5	14.49	10.5	—	—
Teachers' aides	13.19	10.1	—	—	14.84	4.6
4	10.34	10.8	—	—	12.38	6.2
Administrative support, n.e.c.	15.48	5.5	15.73	6.8	14.64	2.9
3	12.17	6.6	11.59	3.1	—	—
4	14.02	3.7	13.97	3.8	—	—
5	14.24	2.8	14.41	5.0	—	—
6	17.04	8.8	17.46	9.8	—	—
7	21.75	5.3	21.75	5.3	—	—
Not able to be leveled	15.77	5.1	18.16	7.7	—	—
Blue collar	15.28	3.0	14.56	3.3	19.31	4.2
1	8.62	5.8	8.06	5.1	15.03	8.4
2	9.44	4.6	9.12	4.4	16.31	6.8
3	12.51	6.0	12.12	6.6	15.09	15.6
4	13.72	5.5	12.67	5.4	18.69	2.9
5	17.02	4.1	17.15	4.6	16.25	6.0
6	18.00	5.8	17.53	7.1	20.37	4.0
7	22.41	2.6	22.46	3.0	22.24	5.2
8	23.41	3.5	22.87	4.7	24.37	3.6
9	27.24	6.7	26.91	7.5	—	—
Not able to be leveled	16.83	19.0	16.83	19.0	—	—
Precision production, craft, and repair	21.44	2.8	21.22	3.2	22.36	4.5
3	12.24	9.5	12.24	9.5	—	—
4	15.62	9.4	14.96	11.9	—	—
5	17.29	5.1	17.44	5.2	—	—
6	17.84	9.1	17.46	10.8	19.73	8.0
7	23.15	2.5	23.37	2.8	22.41	6.2
8	23.88	3.6	23.52	5.5	24.37	3.6
9	27.17	7.1	26.80	7.9	—	—
Supervisors, mechanics and repairers	24.87	6.4	27.68	3.8	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Automobile mechanics	\$23.43	6.1	—	—	\$24.08	5.9
7	23.62	6.1	—	—	—	—
Industrial machinery repairers	18.60	4.7	\$18.60	4.7	—	—
7	18.55	5.2	18.55	5.2	—	—
Heating, air conditioning, and refrigeration mechanics	21.60	7.3	—	—	—	—
Mechanics and repairers, n.e.c.	19.65	4.1	19.70	5.5	—	—
7	19.48	4.2	19.32	6.3	—	—
Supervisors, electricians and power transmission installers	30.60	11.9	30.02	13.7	—	—
Carpenters	22.08	14.4	20.92	18.8	—	—
7	22.22	13.4	—	—	—	—
Electricians	23.61	8.1	24.73	8.5	18.64	9.1
7	24.15	8.6	25.22	8.6	—	—
Painters, construction and maintenance	23.87	7.6	24.73	6.2	—	—
Plumbers, pipefitters and steamfitters	23.06	8.1	—	—	—	—
Construction trades, n.e.c.	19.24	15.1	19.24	15.1	—	—
Supervisors, production	22.76	7.5	22.76	7.5	—	—
7	23.99	10.0	23.99	10.0	—	—
Machinists	17.73	9.9	15.85	2.4	—	—
Electrical and electronic equipment assemblers ..	12.30	14.0	12.30	14.0	—	—
Miscellaneous precision workers, n.e.c.	24.54	11.8	24.54	11.8	—	—
Stationary engineers	22.17	7.0	22.43	7.7	—	—
7	23.75	6.9	23.75	6.9	—	—
Machine operators, assemblers, and inspectors	10.94	4.0	10.88	4.0	17.20	13.0
1	8.24	5.0	8.17	5.0	—	—
2	8.84	5.8	8.84	5.8	—	—
3	9.78	5.7	9.78	5.7	—	—
4	10.62	7.6	10.60	7.6	—	—
5	15.00	5.9	14.99	6.2	—	—
6	14.88	6.6	14.88	6.6	—	—
7	17.98	10.1	17.68	10.6	—	—
Punching and stamping press operators	9.91	10.7	9.91	10.7	—	—
Grinding, abrading, buffing, and polishing machine operators	10.80	6.1	10.80	6.1	—	—
Fabricating machine operators, n.e.c.	11.47	11.7	11.47	11.7	—	—
Textile sewing machine operators	7.51	10.5	7.51	10.5	—	—
Laundrying and dry cleaning machine operators	10.68	8.4	10.36	9.0	—	—
1	10.28	10.9	—	—	—	—
Packaging and filling machine operators	10.37	13.4	10.37	13.4	—	—
Mixing and blending machine operators	12.84	6.7	12.84	6.7	—	—
Folding machine operators	11.96	4.4	11.96	4.4	—	—
Photographic process machine operators	11.37	1.9	11.37	1.9	—	—
Miscellaneous machine operators, n.e.c.	12.83	6.6	12.83	6.6	—	—
2	9.40	8.3	9.40	8.3	—	—
3	10.33	5.2	10.33	5.2	—	—
4	11.89	6.8	11.89	6.8	—	—
5	16.82	7.4	16.82	7.4	—	—
Assemblers	8.76	9.6	8.76	9.6	—	—
Production inspectors, checkers and examiners ..	11.21	6.2	11.21	6.2	—	—
Transportation and material moving	16.38	4.7	15.67	6.4	17.99	7.1
3	14.73	10.4	14.39	12.5	—	—
4	15.67	4.8	14.76	5.8	18.43	3.3
5	18.85	8.8	19.63	10.9	—	—
6	20.43	6.2	—	—	—	—
7	20.12	5.5	—	—	—	—
Truck drivers	16.50	6.1	16.05	6.6	—	—
3	16.39	11.3	14.64	14.3	—	—
4	15.14	3.7	15.17	3.7	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Truck drivers —Continued						
5	\$19.75	13.6	\$19.75	13.6	—	—
Driver-sales workers	21.57	3.6	21.57	3.6	—	—
Bus drivers	15.49	8.9	11.58	5.3	\$18.52	2.3
4	16.14	11.0	—	—	—	—
Motor transportation, n.e.c.	13.01	14.5	—	—	—	—
Industrial truck and tractor equipment operators ..	14.11	12.4	14.11	12.4	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.06	7.7	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers						
1	12.35	6.0	11.50	6.6	16.86	5.8
2	8.87	8.6	7.98	7.6	15.29	8.5
3	10.01	6.1	9.72	6.4	—	—
4	13.94	8.6	13.91	9.4	—	—
5	15.46	9.0	13.47	7.4	19.10	4.7
7	17.01	8.9	17.38	10.1	15.97	12.2
18.90	6.0	18.15	6.2	—	—	
Groundskeepers and gardeners, except farm	12.41	7.6	12.05	4.7	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.47	14.2	16.16	14.4	—	—
Helpers, construction trades	15.15	6.6	—	—	—	—
Production helpers	10.17	9.3	10.17	9.3	—	—
Stock handlers and baggers	11.80	10.3	11.79	10.4	—	—
1	10.48	18.8	10.48	18.8	—	—
2	8.84	9.1	8.84	9.1	—	—
3	15.78	15.0	15.78	15.0	—	—
Freight, stock, and material handlers, n.e.c.	12.06	7.0	12.06	7.0	—	—
1	8.69	6.3	8.69	6.3	—	—
2	9.21	5.9	9.21	5.9	—	—
3	14.61	6.9	14.61	6.9	—	—
4	16.19	12.2	16.19	12.2	—	—
Hand packers and packagers	10.56	16.2	10.56	16.2	—	—
2	8.63	7.1	8.63	7.1	—	—
Laborers, except construction, n.e.c.	11.02	7.4	10.08	8.7	15.19	3.3
1	9.38	12.5	7.33	9.0	—	—
2	11.70	11.9	11.34	13.4	—	—
Service						
1	13.51	4.0	10.48	4.2	19.42	3.9
2	10.00	8.1	9.79	9.1	11.90	5.7
3	8.24	3.5	7.90	3.6	10.01	2.4
4	10.18	4.0	9.24	4.1	13.51	4.9
5	11.48	4.3	10.92	5.0	13.43	4.6
6	16.87	11.4	17.77	15.9	15.10	5.0
7	19.01	6.5	15.57	7.3	20.62	7.9
8	24.41	6.0	24.62	21.9	24.36	5.0
9	21.93	3.8	18.76	7.5	22.32	4.2
10	27.91	6.7	—	—	28.32	7.1
29.29	6.3	—	—	28.78	6.3	
Protective service	19.94	5.6	11.02	9.1	24.10	3.6
2	9.75	7.4	8.86	6.6	—	—
3	9.55	7.1	8.87	7.2	13.76	8.1
4	13.36	5.7	13.27	7.0	—	—
5	14.52	8.6	—	—	15.79	7.7
6	20.75	7.2	—	—	21.27	8.4
7	25.05	5.3	—	—	25.35	5.7
8	22.02	3.9	—	—	22.34	4.2
9	28.32	7.1	—	—	28.32	7.1
10	28.78	6.3	—	—	28.78	6.3
Supervisors, police and detectives	32.38	7.1	—	—	32.38	7.1
10	31.36	8.5	—	—	31.36	8.5

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Protective service—Continued						
Police and detectives, public service	\$25.00	4.9	—	—	\$25.00	4.9
7	29.50	5.7	—	—	29.50	5.7
9	26.75	6.6	—	—	26.75	6.6
Sheriffs, bailiffs, and other law enforcement officers						
.....	21.96	7.2	—	—	21.96	7.2
Correctional institution officers	20.93	4.8	—	—	20.93	4.8
Guards and police, except public service	10.78	9.2	\$10.55	9.9	14.34	3.3
2	9.60	9.1	—	—	—	—
3	9.09	7.0	8.87	7.2	14.43	4.4
4	13.58	6.5	13.41	6.9	—	—
5	13.70	11.4	—	—	15.26	2.4
Protective service, n.e.c.	14.53	10.8	—	—	—	—
Food service						
.....	8.62	5.6	8.31	6.3	10.81	3.8
1	7.12	8.4	6.70	8.6	—	—
2	7.15	8.6	6.46	7.8	—	—
3	8.62	6.3	8.43	6.6	11.53	4.4
4	10.74	5.0	10.57	6.3	11.42	2.9
5	13.14	10.0	13.10	10.1	—	—
Waiters, waitresses, and bartenders						
.....	5.96	12.0	5.76	12.0	—	—
1	4.36	14.5	4.36	14.5	—	—
2	5.43	17.2	4.78	14.2	—	—
3	6.05	16.3	6.05	16.3	—	—
Bartenders	8.63	24.2	8.63	24.2	—	—
Waiters and waitresses						
.....	5.66	13.0	5.66	13.0	—	—
2	4.67	14.7	4.67	14.7	—	—
3	6.17	20.0	6.17	20.0	—	—
Waiters'/Waitresses' assistants						
.....	5.32	24.0	4.01	9.1	—	—
1	3.73	5.4	3.73	5.4	—	—
Other food service						
.....	9.51	5.7	9.29	6.7	10.71	3.7
1	7.96	8.4	7.53	8.7	—	—
2	7.78	9.7	7.16	9.5	—	—
3	10.09	8.9	9.94	9.8	11.53	4.4
4	10.30	5.1	9.97	6.9	11.42	2.9
5	13.14	10.0	13.10	10.1	—	—
Supervisors, food preparation and service	13.66	8.9	14.05	8.7	—	—
Cooks						
.....	11.47	5.3	11.35	5.9	12.47	8.8
3	12.01	6.9	—	—	—	—
4	10.09	4.7	9.66	5.6	—	—
5	11.81	14.3	—	—	—	—
Food counter, fountain, and related						
.....	8.56	7.6	8.47	7.7	—	—
Kitchen workers, food preparation						
.....	11.22	8.2	11.19	8.8	—	—
2	10.81	8.4	—	—	—	—
3	10.67	9.6	10.67	9.6	—	—
Food preparation, n.e.c.						
.....	7.72	6.5	6.93	5.9	10.44	3.9
1	7.96	9.9	7.59	10.4	—	—
2	7.13	10.8	6.17	5.8	—	—
3	8.44	16.9	—	—	11.18	2.6
Health service						
.....	10.11	4.0	9.51	3.9	13.93	1.8
1	11.25	4.7	11.25	4.7	—	—
2	8.24	4.4	8.23	4.4	—	—
3	9.38	6.1	9.07	6.2	12.39	2.9
4	11.09	6.6	10.67	7.4	13.49	.6
5	13.38	3.9	12.18	4.7	14.32	2.7
7	16.63	3.8	—	—	16.57	4.6
Health aides, except nursing						
.....	12.04	3.3	11.29	4.2	13.88	2.2
2	9.97	6.0	9.97	6.0	—	—
3	10.60	9.0	10.47	9.6	—	—
4	13.32	1.0	13.14	2.9	—	—
Nursing aides, orderlies and attendants						
.....	9.77	4.3	9.26	4.0	13.95	2.4
2	8.03	4.2	8.02	4.2	—	—
3	9.22	6.5	8.88	6.5	12.37	3.1

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Health service—Continued						
Nursing aides, orderlies and attendants—Continued						
4	\$10.61	7.6	\$10.47	7.8	\$13.71	1.6
5	13.27	4.3	12.04	4.8	—	—
7	16.56	4.6	—	—	—	—
Cleaning and building service						
1	12.41	6.1	11.51	8.5	14.68	5.1
2	11.28	10.2	11.10	11.4	12.84	6.3
3	10.45	6.7	10.30	7.5	—	—
4	13.93	5.7	12.89	8.1	14.49	7.5
5	14.35	7.5	13.10	12.2	—	—
5	19.05	7.7	—	—	—	—
Supervisors, cleaning and building service workers						
	19.49	5.5	—	—	—	—
Maids and housemen						
	12.96	6.6	12.96	6.6	—	—
1	12.77	9.8	12.77	9.8	—	—
2	11.89	4.0	11.89	4.0	—	—
3	13.08	12.2	13.08	12.2	—	—
Janitors and cleaners						
1	11.90	7.7	10.44	12.1	14.53	5.4
2	10.80	13.0	10.47	15.4	12.84	6.3
3	9.58	9.1	9.12	10.4	—	—
4	13.96	6.7	11.48	7.6	14.66	7.7
4	13.17	12.8	—	—	—	—
Personal service						
	13.21	11.2	14.11	15.1	11.21	6.6
1	7.75	8.1	7.70	8.6	—	—
2	8.75	3.6	7.87	2.3	—	—
3	11.09	5.4	—	—	10.78	3.8
4	11.40	8.6	10.67	9.7	13.04	10.3
5	25.24	23.1	—	—	—	—
6	14.19	15.3	13.72	17.3	—	—
Attendants, amusement, and recreation facilities						
Public transportation attendants	9.29	4.7	—	—	—	—
Welfare service aides	27.61	25.8	29.35	28.4	—	—
Early childhood teachers' assistants	12.07	16.5	—	—	—	—
Child care workers, n.e.c.	10.98	9.1	9.90	9.7	—	—
4	9.19	3.9	8.65	4.2	9.98	4.7
4	8.88	5.3	8.58	4.5	—	—
Service, n.e.c.						
1	10.78	14.2	10.80	16.0	—	—
1	6.99	6.6	6.99	6.6	—	—
3	12.72	5.5	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$21.73	1.9	\$20.59	2.5	\$25.18	2.1
All excluding sales	21.85	1.9	20.68	2.6	25.23	2.1
White collar	25.85	2.0	25.01	2.6	28.43	3.0
1	8.17	9.0	8.17	9.0	—	—
2	11.48	4.8	11.42	5.1	12.27	7.9
3	12.37	2.4	11.97	2.4	15.06	5.1
4	14.28	3.5	14.19	3.9	15.16	4.6
5	16.46	2.0	16.37	2.3	16.76	3.9
6	17.53	3.0	17.98	3.0	15.91	5.5
7	21.90	4.2	21.48	2.1	23.47	16.7
8	26.20	6.1	23.73	2.4	32.87	14.6
9	31.67	2.5	28.00	2.5	35.66	3.8
10	31.71	4.3	33.22	5.2	27.89	6.0
11	35.46	5.2	36.60	6.3	31.12	3.3
12	43.50	3.4	43.66	3.9	42.65	6.6
13	52.37	4.9	52.45	5.7	51.87	2.5
14	61.45	9.6	62.02	10.6	56.82	5.2
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	31.99	7.8	38.94	7.4	23.05	10.4
White collar excluding sales	26.34	2.1	25.57	2.6	28.53	3.0
1	8.24	11.2	8.24	11.3	—	—
2	11.95	4.5	11.92	4.9	12.27	7.9
3	12.52	2.6	12.16	2.6	14.79	5.4
4	14.57	3.7	14.50	4.1	15.16	4.6
5	16.32	1.9	16.18	2.1	16.76	3.9
6	17.33	2.8	17.77	2.9	15.91	5.5
7	22.10	4.2	21.62	2.1	23.95	16.9
8	26.47	6.9	23.59	2.6	32.87	14.6
9	31.76	2.5	28.06	2.6	35.66	3.8
10	31.78	4.1	33.56	5.0	27.89	6.0
11	35.47	5.3	36.67	6.5	31.12	3.3
12	43.34	3.2	43.48	3.6	42.65	6.6
13	52.37	4.9	52.45	5.7	51.87	2.5
14	61.45	9.6	62.02	10.6	56.82	5.2
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	31.97	7.9	39.11	7.6	23.05	10.4
Professional specialty and technical	31.88	2.2	30.28	3.0	34.61	3.2
Professional specialty	33.40	1.9	31.63	2.4	35.92	3.0
5	16.80	6.3	17.12	6.1	—	—
6	18.54	18.4	18.31	19.5	—	—
7	25.49	11.2	23.45	3.6	30.46	28.9
8	31.79	9.2	25.68	3.4	40.04	10.4
9	33.16	3.2	26.71	2.5	36.61	4.0
10	29.38	4.2	29.96	3.5	28.45	9.7
11	31.41	3.1	31.73	3.5	30.06	6.2
12	40.88	4.3	41.00	4.9	40.13	4.4
13	52.03	5.0	51.96	6.6	52.22	2.6
14	54.74	4.7	53.57	5.8	59.15	5.4
15	57.28	13.3	57.28	13.3	—	—
Not able to be leveled	37.55	7.5	42.18	9.9	31.15	3.5
Engineers, architects, and surveyors	30.70	3.8	32.39	3.7	25.05	4.8
7	21.80	5.4	21.80	5.4	—	—
9	26.34	5.6	29.31	5.3	—	—
10	28.11	8.7	32.81	5.2	—	—
11	31.38	5.4	31.38	5.4	—	—
12	35.55	3.5	35.30	3.7	—	—
13	44.54	4.2	44.54	4.2	—	—
Chemical engineers	32.19	5.5	32.19	5.5	—	—
Civil engineers	27.25	8.6	—	—	—	—
Electrical and electronic engineers	32.41	6.7	32.41	6.7	—	—
Industrial engineers	26.92	8.8	26.92	8.8	—	—
Mechanical engineers	27.99	8.9	—	—	—	—
Engineers, n.e.c.	33.21	5.8	34.97	3.9	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Engineers, architects, and surveyors —Continued						
Engineers, n.e.c. —Continued						
11	\$30.07	5.4	\$30.07	5.4	—	—
12	36.97	2.2	36.97	2.2	—	—
Mathematical and computer scientists	34.46	3.9	34.46	3.9	—	—
7	21.68	2.7	21.68	2.7	—	—
8	25.68	4.6	25.68	4.6	—	—
9	29.10	3.6	28.66	3.3	—	—
10	31.99	4.7	31.99	4.7	—	—
11	33.15	4.2	33.19	4.2	—	—
12	39.19	5.8	39.14	5.9	—	—
13	42.42	6.8	42.42	6.8	—	—
14	52.66	10.3	52.66	10.3	—	—
Not able to be leveled	36.60	7.6	36.60	7.6	—	—
Computer systems analysts and scientists	34.95	4.1	34.96	4.2	—	—
7	21.96	2.7	21.96	2.7	—	—
9	29.43	4.5	28.86	4.2	—	—
10	31.99	4.7	31.99	4.7	—	—
11	32.54	3.9	32.59	3.9	—	—
12	39.19	5.8	39.14	5.9	—	—
13	42.42	6.8	42.42	6.8	—	—
14	52.66	10.3	52.66	10.3	—	—
Operations and systems researchers and analysts	32.15	11.3	32.15	11.3	—	—
Natural scientists	33.22	7.3	33.70	7.7	—	—
Chemists, except biochemists	32.28	10.6	32.28	10.6	—	—
Medical scientists	38.10	3.0	38.56	3.2	—	—
Health related	27.95	2.7	28.94	3.1	\$23.93	4.5
7	25.88	5.5	26.23	5.8	21.57	10.3
8	26.95	2.7	27.14	3.1	25.73	2.2
9	24.98	2.8	25.77	3.0	22.50	5.5
10	25.25	8.6	28.79	7.3	15.82	15.4
11	28.13	7.8	28.26	8.9	27.44	16.2
12	40.93	17.1	41.01	18.1	—	—
13	56.68	8.3	—	—	—	—
Not able to be leveled	35.86	16.7	48.11	14.2	—	—
Physicians	31.28	9.5	36.25	10.5	20.95	12.9
9	17.27	14.1	19.53	15.4	—	—
10	16.30	9.5	19.91	4.5	—	—
11	23.64	16.0	—	—	—	—
12	43.82	21.8	43.82	21.8	—	—
13	55.86	8.7	—	—	—	—
Not able to be leveled	37.70	18.3	55.40	13.1	—	—
Registered nurses	27.69	2.1	27.98	2.3	26.05	4.6
7	28.28	6.5	28.81	7.0	—	—
8	27.75	2.6	27.93	3.0	—	—
9	26.13	2.6	26.61	2.7	24.39	6.1
10	34.29	2.6	34.29	2.6	—	—
11	29.08	11.4	28.17	12.2	34.72	3.6
Pharmacists	27.45	7.5	28.99	7.7	—	—
Dietitians	18.33	3.2	—	—	—	—
Respiratory therapists	22.53	2.6	—	—	—	—
Teachers, college and university	45.44	5.0	46.45	9.3	44.44	3.3
9	23.84	7.7	—	—	—	—
10	29.90	7.7	—	—	—	—
11	35.69	7.2	36.13	9.4	34.48	9.7
12	46.28	11.1	56.90	13.7	37.32	7.2
13	51.46	2.7	—	—	51.14	2.9
14	54.76	5.6	—	—	—	—
Not able to be leveled	56.41	11.0	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Teachers, college and university —Continued						
English teachers	\$57.87	8.0	—	—	—	—
Other post-secondary teachers	41.49	5.3	\$48.47	9.1	\$39.02	5.8
12	34.32	6.2	—	—	32.85	5.1
13	48.78	5.8	—	—	48.54	6.2
Teachers, except college and university	38.17	3.7	21.51	8.7	40.80	3.6
7	29.24	26.5	21.55	3.9	32.31	32.2
8	42.04	9.2	27.03	16.1	45.58	7.1
9	40.31	2.8	26.53	9.3	40.99	2.9
10	36.41	7.4	—	—	38.12	6.5
Prekindergarten and kindergarten	35.43	32.2	—	—	—	—
Elementary school teachers	40.95	4.9	26.76	6.3	43.39	5.2
7	35.02	26.2	22.37	2.0	—	—
8	43.19	4.9	—	—	—	—
9	41.72	6.4	—	—	42.09	6.6
Secondary school teachers	43.34	4.9	33.24	14.7	44.11	5.1
8	49.24	8.1	—	—	50.44	8.9
9	40.11	4.2	—	—	40.96	4.2
Teachers, special education	40.40	3.5	—	—	41.37	3.3
9	39.65	3.8	—	—	40.73	3.3
Teachers, n.e.c.	35.58	5.9	20.99	13.3	37.19	5.7
9	39.52	2.4	—	—	—	—
Vocational and educational counselors	28.17	25.0	12.49	10.7	38.04	10.8
Librarians, archivists, and curators	31.46	10.1	29.27	11.6	37.32	15.8
9	35.69	16.7	—	—	—	—
11	32.96	13.9	32.96	13.9	—	—
Librarians	29.80	10.3	26.65	10.1	37.32	15.8
9	35.69	16.7	—	—	—	—
11	32.96	13.9	32.96	13.9	—	—
Social scientists and urban planners	31.57	10.6	27.38	12.0	36.58	11.3
11	29.26	9.6	33.23	13.0	—	—
Economists	29.71	12.8	29.71	12.8	—	—
Psychologists	33.41	14.0	21.77	13.2	37.34	10.5
Social, recreation, and religious workers	22.18	5.1	20.70	5.9	23.14	8.0
7	17.31	7.8	16.29	6.2	—	—
8	18.24	10.2	—	—	23.05	7.9
9	22.13	7.2	23.32	4.8	21.77	8.8
11	29.23	6.4	—	—	—	—
Social workers	22.44	5.3	20.54	6.3	23.64	8.4
7	17.40	7.9	16.29	6.2	—	—
8	18.45	12.3	—	—	23.05	7.9
9	21.92	7.2	22.48	3.9	21.77	8.8
11	29.23	6.4	—	—	—	—
Lawyers and judges	44.01	11.8	54.51	12.4	33.64	7.1
12	49.54	20.8	52.67	28.6	—	—
Lawyers	44.01	11.8	54.51	12.4	33.64	7.1
12	49.54	20.8	52.67	28.6	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.75	7.0	32.15	7.1	—	—
5	16.51	3.8	16.51	3.8	—	—
7	23.16	12.4	23.16	12.4	—	—
9	29.96	11.5	31.43	12.1	—	—
11	32.14	6.6	32.66	7.0	—	—
12	41.11	8.0	41.11	8.0	—	—
13	41.11	1.6	41.11	1.6	—	—
Not able to be leveled	36.94	21.0	37.20	21.2	—	—
Designers	28.50	8.2	28.50	8.2	—	—
Editors and reporters	35.77	16.1	35.77	16.1	—	—
9	33.73	14.7	33.73	14.7	—	—
Public relations specialists	22.06	12.7	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Writers, authors, entertainers, athletes, and professionals, n.e.c. —Continued						
Professional, n.e.c.	\$33.08	7.4	\$33.25	7.6	—	—
9	31.61	22.6	31.61	22.6	—	—
11	29.32	4.6	29.89	4.9	—	—
12	37.40	1.7	37.40	1.7	—	—
Not able to be leveled	38.59	21.9	38.59	21.9	—	—
Technical	24.41	10.5	25.56	11.7	\$18.61	6.3
3	13.22	10.2	—	—	—	—
4	15.61	3.8	15.51	4.1	—	—
5	17.11	3.5	17.24	4.3	16.66	4.8
6	16.85	3.8	17.09	4.8	16.37	4.2
7	22.59	10.4	23.21	11.8	19.15	6.2
8	22.01	4.8	21.94	5.0	—	—
9	30.03	11.1	31.80	13.1	—	—
10	45.95	26.9	45.95	26.9	—	—
11	89.86	37.5	97.84	36.8	—	—
Clinical laboratory technologists and technicians	19.16	4.5	18.71	4.9	22.29	11.3
7	18.52	7.5	18.96	10.5	—	—
8	20.37	10.1	—	—	—	—
9	23.01	4.6	22.77	4.7	—	—
Radiological technicians	22.77	3.2	22.77	3.2	—	—
Licensed practical nurses	17.58	3.1	18.00	3.4	15.66	3.3
5	16.98	4.1	—	—	15.28	4.0
6	17.66	3.9	17.93	4.2	—	—
7	18.67	8.0	18.62	8.2	—	—
Health technologists and technicians, n.e.c.	16.63	2.9	15.55	3.8	18.06	8.2
4	15.55	4.4	15.37	4.8	—	—
5	15.50	8.0	14.50	7.5	—	—
6	15.27	4.0	—	—	—	—
Electrical and electronic technicians	19.61	8.0	19.61	8.0	—	—
8	22.70	6.3	22.70	6.3	—	—
Engineering technicians, n.e.c.	19.13	8.6	19.13	8.6	—	—
Computer programmers	28.36	8.5	29.18	8.3	—	—
9	32.33	9.5	33.00	9.0	—	—
Legal assistants	21.92	3.6	—	—	—	—
Technical and related, n.e.c.	23.45	10.9	24.03	11.8	—	—
8	26.27	13.9	—	—	—	—
Executive, administrative, and managerial	35.15	3.4	36.95	3.6	28.45	7.6
5	18.80	4.3	18.58	5.6	—	—
6	16.68	8.8	18.80	3.9	—	—
7	20.74	2.8	21.15	3.3	19.14	3.6
8	21.54	4.7	22.47	4.6	19.55	7.6
9	28.73	3.6	28.98	4.0	27.11	6.9
10	31.66	4.6	33.69	4.9	27.09	3.5
11	35.64	3.8	36.84	4.6	32.13	4.0
12	45.09	3.8	45.32	4.3	44.07	8.9
13	52.74	8.5	52.85	8.6	—	—
14	65.02	13.4	65.76	14.0	—	—
Not able to be leveled	46.28	7.1	50.09	7.3	33.59	5.8
Executives, administrators, and managers	40.25	3.3	40.75	3.6	37.31	6.8
7	22.44	5.7	23.03	5.9	—	—
8	24.12	5.4	24.46	5.6	—	—
9	30.75	4.9	30.66	5.3	31.67	13.0
10	31.65	6.4	31.73	6.6	—	—
11	35.56	3.5	36.05	4.3	34.05	4.6
12	44.20	3.6	44.13	3.9	44.47	8.9
13	50.11	7.4	50.20	7.5	—	—
14	69.92	12.7	71.14	13.1	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Not able to be leveled	\$48.35	8.2	\$51.78	8.0	—	—
Administrators and officials, public administration	36.04	5.7	—	—	\$35.91	6.0
Financial managers	45.92	9.8	47.39	10.3	—	—
9	35.81	14.1	37.82	11.8	—	—
11	36.49	7.7	37.80	9.0	—	—
12	46.46	10.2	46.46	10.2	—	—
14	78.17	28.4	83.84	30.0	—	—
Personnel and labor relations managers	34.67	7.6	35.15	8.6	—	—
Managers, marketing, advertising, and public relations	45.19	8.0	45.19	8.0	—	—
9	28.35	8.5	28.35	8.5	—	—
12	46.00	10.5	46.00	10.5	—	—
Administrators, education and related fields	38.43	13.2	25.23	7.3	47.74	5.8
12	43.46	11.9	—	—	48.82	5.8
Managers, medicine and health	37.82	6.3	40.73	6.3	29.36	4.9
8	21.77	7.3	—	—	—	—
9	30.04	5.5	30.91	6.2	—	—
11	32.60	9.1	—	—	—	—
12	49.32	13.0	52.26	14.8	37.13	8.1
13	55.09	8.5	—	—	—	—
Managers, service organizations, n.e.c.	43.44	13.8	44.51	14.1	—	—
9	36.32	16.3	—	—	—	—
Managers and administrators, n.e.c.	38.78	3.9	39.15	4.1	—	—
7	23.15	6.3	23.24	6.4	—	—
9	28.40	4.2	28.35	4.3	—	—
10	30.35	11.0	30.35	11.0	—	—
11	35.04	4.8	35.04	4.8	—	—
12	43.25	3.9	44.30	3.6	—	—
13	46.81	6.2	46.81	6.2	—	—
14	65.47	12.3	65.47	12.3	—	—
Not able to be leveled	46.75	9.4	49.57	8.6	—	—
Management related	28.09	6.4	30.53	7.3	22.41	7.7
5	18.42	4.3	17.93	5.1	—	—
6	16.70	8.9	18.86	3.9	—	—
7	20.00	2.6	20.16	3.3	19.51	2.8
8	20.72	5.3	21.48	5.9	19.55	8.1
9	25.95	2.4	26.33	2.6	24.42	5.6
10	31.67	6.3	36.01	5.6	—	—
11	35.82	10.0	38.88	10.7	28.19	2.2
12	49.86	10.9	50.52	10.7	—	—
13	70.43	20.6	70.43	20.6	—	—
Not able to be leveled	41.44	15.7	45.37	18.6	—	—
Accountants and auditors	25.96	4.9	26.22	5.3	—	—
5	17.61	6.3	17.61	6.3	—	—
7	20.26	3.6	20.26	3.6	—	—
8	21.13	11.0	21.48	16.1	—	—
9	25.63	3.3	25.74	3.6	—	—
10	29.11	5.3	—	—	—	—
11	32.64	6.6	34.02	6.7	—	—
Other financial officers	39.02	16.5	41.69	16.9	—	—
Management analysts	31.19	8.7	32.22	9.6	—	—
Personnel, training, and labor relations specialists	25.75	7.8	28.97	8.6	21.01	3.5
8	22.68	10.4	—	—	—	—
9	29.16	7.3	—	—	—	—
Purchasing agents and buyers, n.e.c.	28.90	10.7	29.13	10.7	—	—
Inspectors and compliance officers, except construction	20.23	12.4	31.65	5.4	18.48	12.2
Management related, n.e.c.	25.36	4.8	25.08	6.0	26.15	7.3

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Management related —Continued						
Management related, n.e.c. —Continued						
6	\$18.93	4.5	\$18.99	4.7	—	—
7	20.98	4.8	—	—	—	—
8	21.51	5.4	20.32	4.9	—	—
9	25.07	3.9	25.63	4.3	—	—
Not able to be leveled	35.35	12.7	37.91	24.0	—	—
Sales	18.88	6.7	18.97	6.9	—	—
2	7.75	2.8	7.75	2.8	—	—
3	11.50	7.1	10.89	6.0	—	—
4	11.60	5.0	11.60	5.0	—	—
5	17.61	8.8	17.61	8.8	—	—
6	20.01	11.9	20.01	11.9	—	—
7	16.37	5.2	—	—	—	—
8	24.37	6.4	24.37	6.4	—	—
10	30.97	23.7	30.97	23.7	—	—
11	35.02	13.5	35.02	13.5	—	—
Not able to be leveled	33.44	26.2	33.44	26.2	—	—
Supervisors, sales	23.87	9.0	23.87	9.0	—	—
8	25.96	9.6	25.96	9.6	—	—
Advertising and related sales	21.85	3.9	21.85	3.9	—	—
Sales, other business services	23.63	12.2	23.63	12.2	—	—
5	19.16	15.0	19.16	15.0	—	—
Sales representatives, mining, manufacturing, and wholesale	29.73	16.2	29.73	16.2	—	—
Sales workers, apparel	10.66	22.4	10.66	22.4	—	—
Sales workers, radio, tv, hi-fi, and appliances	16.03	24.5	16.03	24.5	—	—
Sales workers, hardware and building supplies	17.93	19.8	17.93	19.8	—	—
Sales workers, other commodities	10.32	4.4	10.32	4.4	—	—
4	10.57	6.5	10.57	6.5	—	—
Cashiers	13.04	6.8	12.40	6.2	—	—
3	13.02	9.3	11.98	8.9	—	—
Sales support, n.e.c.	17.24	13.0	17.24	13.0	—	—
Administrative support, including clerical	15.48	1.9	15.33	2.3	\$16.18	2.4
1	8.24	11.2	8.24	11.3	—	—
2	11.95	4.5	11.92	4.9	12.27	7.9
3	12.50	2.6	12.12	2.6	14.77	5.4
4	14.53	3.9	14.45	4.3	15.12	4.7
5	16.05	2.3	15.81	2.6	16.70	4.5
6	17.58	2.5	17.66	2.9	17.14	3.4
7	20.38	2.4	20.50	2.5	19.79	7.1
8	21.92	5.0	22.58	5.6	—	—
9	28.52	7.8	28.16	9.0	—	—
Not able to be leveled	14.80	3.4	14.34	8.2	15.02	2.9
Supervisors, general office	21.35	6.5	21.73	7.7	19.99	7.3
5	18.40	8.6	18.30	12.5	—	—
6	16.47	10.8	—	—	—	—
7	19.25	4.8	—	—	—	—
8	21.68	4.0	—	—	—	—
9	28.13	10.6	—	—	—	—
Supervisors, financial records processing	20.18	5.5	20.38	5.9	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.93	16.2	20.93	16.2	—	—
Computer operators	15.85	6.4	15.43	6.7	—	—
Secretaries	16.90	2.5	16.92	2.7	16.82	6.5
3	13.88	5.7	13.86	6.3	—	—
4	14.88	3.5	14.63	3.9	16.38	6.8
5	16.64	4.0	15.78	2.8	—	—
6	17.51	3.2	17.52	3.8	17.47	1.5

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Secretaries —Continued						
7	\$21.68	5.2	\$22.19	5.1	—	—
Stenographers	18.52	4.4	—	—	—	—
Typists	14.35	4.1	14.94	6.5	\$13.78	4.6
3	14.12	4.8	—	—	13.44	8.9
4	13.34	5.1	13.19	10.4	—	—
5	15.26	8.9	—	—	—	—
Interviewers	12.54	7.5	12.53	8.0	—	—
Hotel clerks	11.04	11.6	11.04	11.6	—	—
3	10.85	12.6	10.85	12.6	—	—
Transportation ticket and reservation agents	16.51	6.5	16.26	10.4	—	—
Receptionists	12.58	5.3	12.58	5.3	—	—
3	11.77	7.8	11.77	7.8	—	—
4	12.92	7.9	12.92	7.9	—	—
Order clerks	19.05	5.8	19.05	5.8	—	—
5	18.55	8.5	18.55	8.5	—	—
Personnel clerks, except payroll and timekeeping	13.79	9.2	13.83	9.6	—	—
Library clerks	14.04	7.6	15.79	7.2	—	—
File clerks	12.52	3.8	12.52	3.8	—	—
2	11.50	4.6	11.50	4.6	—	—
Records clerks, n.e.c.	14.36	4.6	14.62	4.9	—	—
4	14.42	5.9	14.42	5.9	—	—
Bookkeepers, accounting and auditing clerks	15.46	2.8	15.31	2.9	17.24	9.4
3	12.27	8.3	12.27	8.3	—	—
4	13.36	5.0	13.36	5.0	—	—
5	16.18	3.7	15.66	2.1	—	—
6	17.59	4.0	17.80	4.4	—	—
7	18.31	5.8	18.91	6.6	—	—
Payroll and timekeeping clerks	15.90	10.2	15.90	10.2	—	—
Billing clerks	13.42	5.8	13.42	5.8	—	—
4	12.05	5.4	12.05	5.4	—	—
Telephone operators	13.92	4.9	14.01	5.0	—	—
Mail clerks, except postal service	12.79	11.9	12.79	11.9	—	—
3	16.08	18.3	16.08	18.3	—	—
Messengers	8.93	19.9	8.48	19.8	—	—
Dispatchers	18.02	9.5	14.82	6.7	20.46	11.3
Traffic, shipping and receiving clerks	12.57	3.5	12.28	3.9	—	—
3	11.58	6.4	—	—	—	—
4	11.99	5.2	11.99	5.2	—	—
Stock and inventory clerks	15.29	5.3	15.34	5.3	—	—
3	12.76	7.7	12.76	7.7	—	—
4	14.38	5.0	14.50	5.0	—	—
5	15.07	8.2	15.07	8.2	—	—
Insurance adjusters, examiners, and investigators	19.03	20.9	19.03	20.9	—	—
7	21.15	7.8	21.15	7.8	—	—
Investigators and adjusters, except insurance	17.88	8.3	17.98	8.6	—	—
Eligibility clerks, social welfare	15.33	4.3	—	—	15.72	4.6
Bill and account collectors	17.80	7.6	17.80	7.6	—	—
General office clerks	14.74	3.7	14.48	4.8	15.51	3.8
2	10.08	10.0	10.07	10.9	—	—
3	12.76	3.5	12.62	5.1	—	—
4	14.77	6.4	14.83	7.1	14.19	4.5
5	15.82	5.2	14.54	7.2	17.03	4.4
6	18.59	7.2	—	—	—	—
Bank tellers	10.77	3.7	10.77	3.7	—	—
3	9.77	2.9	9.77	2.9	—	—
4	12.19	4.7	12.19	4.7	—	—
Data entry keyers	11.50	4.7	11.23	5.3	—	—
2	11.00	6.1	10.71	6.4	—	—
3	10.60	6.9	10.60	6.9	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Data entry keyers —Continued						
4	\$13.62	9.7	\$13.91	10.8	—	—
Statistical clerks	14.49	10.5	14.49	10.5	—	—
Teachers' aides	11.34	12.3	—	—	\$13.68	5.2
4	10.27	12.1	—	—	—	—
Administrative support, n.e.c.	15.97	5.4	16.34	6.6	14.83	2.6
3	12.63	8.1	—	—	—	—
4	14.03	4.2	13.98	4.3	—	—
5	14.35	3.0	14.64	5.2	—	—
6	17.04	8.8	17.46	9.8	—	—
7	21.75	5.3	21.75	5.3	—	—
Blue collar	15.57	3.0	14.85	3.3	19.42	4.2
1	8.89	5.9	8.25	5.0	16.01	6.7
2	9.71	4.7	9.37	4.5	16.31	6.8
3	12.63	6.2	12.24	6.8	15.09	15.6
4	13.81	5.7	12.71	5.8	18.69	2.9
5	17.05	4.1	17.19	4.6	16.24	6.3
6	18.19	5.8	17.73	7.2	20.37	4.0
7	22.52	2.6	22.61	3.1	22.24	5.2
8	23.41	3.5	22.87	4.7	24.37	3.6
9	27.24	6.7	26.91	7.5	—	—
Not able to be leveled	16.83	19.0	16.83	19.0	—	—
Precision production, craft, and repair						
3	21.50	2.8	21.28	3.3	22.36	4.5
4	12.43	10.0	12.43	10.0	—	—
5	15.62	9.4	14.96	11.9	—	—
6	17.29	5.1	17.44	5.2	—	—
7	17.84	9.1	17.46	10.8	19.73	8.0
8	23.29	2.5	23.56	2.8	22.41	6.2
9	23.88	3.6	23.52	5.5	24.37	3.6
Supervisors, mechanics and repairers	27.17	7.1	26.80	7.9	—	—
Automobile mechanics	24.87	6.4	27.68	3.8	—	—
7	23.43	6.1	—	—	24.08	5.9
Industrial machinery repairers	23.62	6.1	—	—	—	—
7	18.60	4.7	18.60	4.7	—	—
Heating, air conditioning, and refrigeration	18.55	5.2	18.55	5.2	—	—
mechanics	21.60	7.3	—	—	—	—
Mechanics and repairers, n.e.c.	19.65	4.1	19.70	5.5	—	—
7	19.48	4.2	19.32	6.3	—	—
Supervisors, electricians and power transmission	30.60	11.9	30.02	13.7	—	—
installers	22.08	14.4	20.92	18.8	—	—
Carpenters	22.22	13.4	—	—	—	—
7	23.61	8.1	24.73	8.5	18.64	9.1
Electricians	24.15	8.6	25.22	8.6	—	—
7	23.87	7.6	24.73	6.2	—	—
Painters, construction and maintenance	23.06	8.1	—	—	—	—
Plumbers, pipefitters and steamfitters	19.24	15.1	19.24	15.1	—	—
Construction trades, n.e.c.	22.76	7.5	22.76	7.5	—	—
Supervisors, production	23.99	10.0	23.99	10.0	—	—
7	17.73	9.9	15.85	2.4	—	—
Machinists	12.30	14.0	12.30	14.0	—	—
Electrical and electronic equipment assemblers ..	24.54	11.8	24.54	11.8	—	—
Miscellaneous precision workers, n.e.c.	21.99	7.2	22.22	8.0	—	—
Stationary engineers	23.57	7.2	23.57	7.2	—	—
7	10.94	4.0	10.88	4.0	—	—
Machine operators, assemblers, and inspectors	8.22	5.0	8.17	5.0	—	—
1	8.84	5.8	8.84	5.8	—	—
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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Machine operators, assemblers, and inspectors						
—Continued						
3	\$9.78	5.7	\$9.78	5.7	—	—
4	10.62	7.6	10.60	7.6	—	—
5	15.00	5.9	14.99	6.2	—	—
6	14.88	6.6	14.88	6.6	—	—
7	17.98	10.1	17.68	10.6	—	—
Punching and stamping press operators	9.91	10.7	9.91	10.7	—	—
Grinding, abrading, buffing, and polishing						
machine operators	10.80	6.1	10.80	6.1	—	—
Fabricating machine operators, n.e.c.	11.47	11.7	11.47	11.7	—	—
Textile sewing machine operators	7.51	10.5	7.51	10.5	—	—
Laundering and dry cleaning machine operators	10.65	8.6	10.36	9.0	—	—
Packaging and filling machine operators	10.37	13.4	10.37	13.4	—	—
Mixing and blending machine operators	12.84	6.7	12.84	6.7	—	—
Folding machine operators	11.96	4.4	11.96	4.4	—	—
Photographic process machine operators	11.37	1.9	11.37	1.9	—	—
Miscellaneous machine operators, n.e.c.	12.83	6.6	12.83	6.6	—	—
2	9.40	8.3	9.40	8.3	—	—
3	10.33	5.2	10.33	5.2	—	—
4	11.89	6.8	11.89	6.8	—	—
5	16.82	7.4	16.82	7.4	—	—
Assemblers	8.76	9.6	8.76	9.6	—	—
Production inspectors, checkers and examiners ..	11.21	6.2	11.21	6.2	—	—
Transportation and material moving	17.09	4.4	16.61	5.8	\$18.02	7.2
2	13.08	14.1	—	—	—	—
3	14.96	10.5	14.75	12.3	—	—
4	16.22	3.8	15.35	4.9	18.43	3.3
5	18.93	9.0	19.63	10.9	—	—
7	20.53	4.8	—	—	—	—
Truck drivers	16.98	6.2	16.53	6.7	—	—
3	16.86	10.1	—	—	—	—
4	15.31	3.9	15.34	4.0	—	—
5	19.75	13.6	19.75	13.6	—	—
Driver-sales workers	21.57	3.6	21.57	3.6	—	—
Bus drivers	16.19	8.5	—	—	—	—
4	17.51	6.2	—	—	—	—
Taxicab drivers and chauffeurs	12.76	10.4	12.76	10.4	—	—
Motor transportation, n.e.c.	13.01	14.5	—	—	—	—
Industrial truck and tractor equipment operators ..	14.11	12.4	14.11	12.4	—	—
Handlers, equipment cleaners, helpers, and laborers	12.96	5.7	12.09	6.5	17.11	5.4
1	9.40	9.0	8.30	8.1	16.28	6.5
2	10.39	6.7	10.08	7.1	—	—
3	14.38	8.7	14.40	9.5	—	—
4	15.59	9.1	13.55	7.8	19.10	4.7
5	17.15	8.8	17.57	9.8	15.97	12.2
7	18.90	6.0	18.15	6.2	—	—
Groundskeepers and gardeners, except farm	13.24	7.7	12.06	5.4	—	—
Supervisors, handlers, equipment cleaners, and						
laborers, n.e.c.	17.47	14.2	16.16	14.4	—	—
Helpers, construction trades	15.15	6.6	—	—	—	—
Production helpers	10.17	9.3	10.17	9.3	—	—
Stock handlers and baggers	14.33	8.7	14.32	8.7	—	—
Freight, stock, and material handlers, n.e.c.	12.74	8.0	12.74	8.0	—	—
1	8.72	7.2	8.72	7.2	—	—
3	15.78	5.6	15.78	5.6	—	—
4	17.14	13.0	17.14	13.0	—	—
Hand packers and packagers	10.59	16.3	10.59	16.3	—	—
2	8.65	7.2	8.65	7.2	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Laborers, except construction, n.e.c.	\$11.11	7.5	\$10.15	8.9	\$15.19	3.3
1	9.46	13.5	7.18	9.4	—	—
2	11.73	12.0	11.37	13.5	—	—
Service	14.67	4.2	11.23	4.7	20.57	3.5
1	11.25	7.9	11.05	9.2	12.78	5.7
2	8.62	4.6	8.47	4.5	11.40	4.2
3	10.49	4.7	9.49	4.8	13.77	5.3
4	11.60	4.8	11.02	5.5	13.67	4.9
5	17.20	11.6	18.10	16.3	15.46	4.7
6	19.19	6.6	15.65	6.7	20.69	8.1
7	24.58	6.0	25.52	22.4	24.36	5.0
8	21.96	3.8	—	—	22.32	4.2
9	27.91	6.7	—	—	28.32	7.1
10	29.29	6.3	—	—	28.78	6.3
Protective service	20.82	5.3	11.45	10.0	24.61	3.4
3	9.31	8.6	8.80	8.5	—	—
4	13.50	6.8	13.31	7.3	—	—
5	14.52	8.6	—	—	15.79	7.7
6	20.75	7.2	—	—	21.27	8.4
7	25.05	5.3	—	—	25.35	5.7
8	22.02	3.9	—	—	22.34	4.2
9	28.32	7.1	—	—	28.32	7.1
10	28.78	6.3	—	—	28.78	6.3
Supervisors, police and detectives	32.38	7.1	—	—	32.38	7.1
10	31.36	8.5	—	—	31.36	8.5
Police and detectives, public service	25.00	4.9	—	—	25.00	4.9
7	29.50	5.7	—	—	29.50	5.7
9	26.75	6.6	—	—	26.75	6.6
Sheriffs, bailiffs, and other law enforcement officers	22.98	6.3	—	—	22.98	6.3
Correctional institution officers	20.93	4.8	—	—	20.93	4.8
Guards and police, except public service	11.15	10.3	10.90	11.2	14.82	2.2
3	9.06	8.3	8.80	8.5	—	—
4	13.50	6.8	13.31	7.3	—	—
5	13.70	11.4	—	—	15.26	2.4
Food service	10.07	6.2	9.90	6.9	11.54	3.0
1	8.37	11.4	7.84	12.4	—	—
2	8.17	12.3	7.82	12.6	—	—
3	9.69	7.6	9.51	8.0	11.50	4.5
4	10.97	7.1	10.84	8.1	—	—
5	13.24	10.3	13.19	10.4	—	—
Waiters, waitresses, and bartenders	6.95	17.1	6.63	17.6	—	—
Waiters and waitresses	6.10	17.1	6.10	17.1	—	—
Other food service	10.99	5.7	10.93	6.5	11.42	3.1
1	8.69	12.7	8.14	14.1	—	—
2	9.01	12.9	8.91	13.2	—	—
3	11.60	5.3	11.61	6.0	11.50	4.5
4	10.48	8.1	10.24	9.6	—	—
5	13.24	10.3	13.19	10.4	—	—
Supervisors, food preparation and service	13.66	8.9	14.05	8.8	—	—
Cooks	11.54	5.6	11.37	6.0	14.58	4.9
3	12.01	6.9	—	—	—	—
4	9.99	5.5	9.66	5.6	—	—
Food counter, fountain, and related	8.99	8.4	—	—	—	—
Kitchen workers, food preparation	12.82	9.3	12.93	10.1	—	—
Food preparation, n.e.c.	8.79	8.5	8.20	9.5	11.14	2.5
1	8.92	15.7	8.45	18.0	—	—
3	10.95	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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Health service	\$10.21	4.4	\$9.55	4.4	\$13.98	1.9
1	11.45	3.9	11.45	3.9	—	—
2	8.19	5.0	8.18	5.0	—	—
3	9.49	6.8	9.15	6.9	12.52	2.9
4	11.09	7.1	10.63	7.9	13.49	.6
5	13.41	4.2	12.05	5.0	14.32	2.7
7	16.65	3.9	—	—	16.57	4.6
Health aides, except nursing	12.24	2.9	11.50	3.8	13.89	2.2
2	10.11	6.8	10.11	6.8	—	—
3	10.98	7.3	10.86	7.8	—	—
4	13.31	1.0	13.09	3.2	—	—
Nursing aides, orderlies and attendants	9.85	4.8	9.26	4.5	14.02	2.6
2	7.96	4.5	7.95	4.5	—	—
3	9.30	7.2	8.92	7.2	12.51	3.1
4	10.58	8.2	10.42	8.4	13.71	1.6
5	13.30	4.6	11.85	4.9	—	—
7	16.59	4.8	—	—	—	—
Cleaning and building service	13.33	4.0	12.58	6.4	14.78	5.2
1	12.44	7.6	12.33	8.9	13.17	6.8
2	11.49	2.5	11.47	2.9	—	—
3	14.00	5.8	12.97	8.3	14.49	7.5
4	14.35	7.5	13.10	12.2	—	—
5	19.05	7.7	—	—	—	—
Supervisors, cleaning and building service workers	19.49	5.5	—	—	—	—
Maids and housemen	12.91	6.7	12.91	6.7	—	—
1	12.77	9.9	12.77	9.9	—	—
2	11.89	4.0	11.89	4.0	—	—
3	12.70	12.1	12.70	12.1	—	—
Janitors and cleaners	13.14	5.0	11.84	10.7	14.64	5.5
1	12.27	10.4	12.05	13.6	13.17	6.8
2	11.09	2.4	10.88	3.3	—	—
3	14.10	6.8	11.75	8.5	14.66	7.7
4	13.17	12.8	—	—	—	—
Personal service	14.68	13.4	15.25	16.6	12.69	8.0
1	7.75	12.4	7.75	12.4	—	—
2	8.22	2.5	8.05	1.8	—	—
3	11.37	5.8	—	—	11.05	4.3
4	11.67	9.5	10.96	11.2	—	—
Public transportation attendants	29.20	22.4	—	—	—	—
Early childhood teachers' assistants	11.26	8.5	10.19	8.3	—	—
Child care workers, n.e.c.	8.90	5.5	8.72	5.3	—	—
4	8.74	5.4	8.57	4.8	—	—
Service, n.e.c.	11.34	17.4	11.21	19.3	—	—
3	12.98	5.2	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$12.26	7.5	\$11.88	9.2	\$14.19	7.4
All excluding sales	13.17	8.2	12.92	10.3	14.19	7.4
White collar	15.77	9.3	15.31	11.3	18.11	12.5
1	7.35	8.3	7.75	6.9	—	—
2	7.06	5.4	6.96	5.5	8.92	4.2
3	9.27	3.2	9.25	3.3	9.96	8.8
4	10.05	6.2	9.75	6.7	11.73	9.0
5	15.58	4.4	15.72	10.6	15.51	4.3
6	15.21	5.7	15.20	5.7	—	—
7	21.35	15.0	24.00	13.6	15.60	7.0
8	31.22	7.0	23.20	5.3	—	—
9	36.70	23.9	37.74	24.2	—	—
11	41.36	14.4	41.36	14.4	—	—
12	51.50	23.4	—	—	—	—
13	61.58	10.7	61.58	10.7	—	—
Not able to be leveled	22.36	21.7	25.17	24.5	—	—
White collar excluding sales	19.79	10.5	20.34	12.8	18.11	12.5
1	7.68	16.9	—	—	—	—
2	8.79	7.1	8.77	8.4	8.92	4.2
3	10.61	1.7	10.66	1.6	9.96	8.8
4	11.19	4.0	10.99	4.0	11.73	9.0
5	15.84	3.9	16.68	9.6	15.51	4.3
6	15.21	5.7	15.20	5.7	—	—
7	21.35	15.0	24.00	13.6	15.60	7.0
8	31.22	7.0	23.20	5.3	—	—
9	36.70	23.9	37.74	24.2	—	—
11	41.36	14.4	41.36	14.4	—	—
12	51.50	23.4	—	—	—	—
13	61.58	10.7	61.58	10.7	—	—
Not able to be leveled	22.84	21.7	25.99	24.2	—	—
Professional specialty and technical	29.94	10.9	29.33	12.7	32.95	22.2
Professional specialty	34.13	11.5	33.31	13.6	38.16	23.6
5	19.48	21.2	19.79	21.4	—	—
6	11.41	19.4	11.29	19.7	—	—
7	17.48	11.0	20.76	5.5	14.23	13.7
8	34.72	8.6	24.33	5.4	—	—
9	38.88	25.2	38.98	25.3	—	—
11	41.90	14.7	41.90	14.7	—	—
12	60.13	25.5	—	—	—	—
Not able to be leveled	22.67	24.5	25.68	27.8	—	—
Engineers, architects, and surveyors	—	—	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	30.50	5.5	30.48	5.7	—	—
7	24.20	3.8	24.42	4.5	—	—
8	24.90	5.4	24.90	5.4	—	—
9	26.56	5.2	26.52	5.3	—	—
Physicians	61.14	6.6	61.14	6.6	—	—
Registered nurses	26.25	3.7	26.28	3.7	—	—
7	25.40	3.0	—	—	—	—
8	24.90	5.4	24.90	5.4	—	—
9	26.86	5.4	26.82	5.4	—	—
Teachers, college and university	86.93	13.6	55.44	26.3	—	—
Teachers, except college and university	16.16	12.8	17.90	14.7	13.43	13.6
6	10.81	20.3	10.81	20.3	—	—
Elementary school teachers	20.72	6.9	—	—	—	—
Teachers, n.e.c.	18.50	21.7	19.76	28.4	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	16.46	10.3	—	—	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	14.12	10.1	13.40	15.7	—	—
Not able to be leveled	12.94	12.3	10.81	16.3	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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						
Writers, authors, entertainers, athletes, and professionals, n.e.c. —Continued						
Athletes	\$12.91	12.5	—	—	—	—
Not able to be leveled	12.91	12.5	—	—	—	—
Technical	17.28	5.6	\$17.41	6.2	\$16.60	13.5
5	17.05	4.6	16.93	5.0	—	—
6	16.58	10.6	16.58	10.6	—	—
7	16.99	10.3	—	—	—	—
8	19.32	7.6	19.32	7.6	—	—
Licensed practical nurses	18.72	3.4	18.52	4.3	—	—
Health technologists and technicians, n.e.c.	14.31	4.6	14.91	3.2	—	—
Executive, administrative, and managerial						
Executives, administrators, and managers	25.38	16.4	28.89	21.9	—	—
Management related	28.98	22.0	28.98	22.0	—	—
Management related	—	—	—	—	—	—
Sales						
1	7.61	3.1	7.61	3.1	—	—
2	7.09	4.2	7.09	4.2	—	—
3	6.25	3.6	6.25	3.6	—	—
4	8.13	3.8	8.13	3.8	—	—
5	8.63	9.1	8.63	9.1	—	—
Sales workers, apparel	8.08	7.7	8.08	7.7	—	—
Sales workers, other commodities	7.08	5.1	7.08	5.1	—	—
2	6.06	6.1	6.06	6.1	—	—
3	7.75	4.2	7.75	4.2	—	—
4	7.66	6.1	7.66	6.1	—	—
Cashiers	7.42	3.4	7.42	3.4	—	—
3	7.81	4.1	7.81	4.1	—	—
Sales support, n.e.c.	8.00	13.3	8.00	13.3	—	—
Administrative support, including clerical						
1	12.43	10.0	12.57	12.2	12.09	17.0
2	7.68	16.9	—	—	—	—
3	8.79	7.1	8.77	8.4	8.92	4.2
4	10.62	1.7	10.67	1.6	9.96	8.8
5	11.18	4.4	10.95	4.3	—	—
6	15.19	5.0	—	—	—	—
Secretaries	15.31	6.3	16.14	2.6	—	—
Interviewers	12.79	3.3	12.42	3.1	—	—
Receptionists	9.45	8.7	9.45	8.7	—	—
2	8.75	7.3	8.75	7.3	—	—
Library clerks	11.09	5.1	—	—	10.84	14.5
Bookkeepers, accounting and auditing clerks	9.38	8.4	9.38	8.4	—	—
General office clerks	8.33	15.3	10.36	4.8	—	—
2	8.32	18.0	8.32	18.0	—	—
3	10.39	3.9	10.45	3.6	—	—
4	11.62	11.8	11.62	11.8	—	—
Bank tellers	10.64	2.4	10.64	2.4	—	—
Data entry keyers	10.54	5.2	10.54	5.2	—	—
Administrative support, n.e.c.	10.51	12.2	10.63	13.4	—	—
Blue collar						
1	10.46	13.1	10.40	13.7	—	—
2	7.03	6.9	6.91	7.0	—	—
3	6.89	9.5	6.89	9.5	—	—
4	9.63	6.6	9.63	6.6	—	—
5	12.00	3.7	12.00	3.7	—	—
Precision production, craft, and repair						
Machine operators, assemblers, and inspectors						

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$10.69	13.0	\$10.41	13.5	—	—
4	11.92	4.2	11.92	4.2	—	—
Truck drivers	12.57	6.1	12.57	6.1	—	—
Handlers, equipment cleaners, helpers, and laborers	7.88	6.4	7.88	6.6	—	—
1	6.98	7.0	6.92	7.2	—	—
2	7.83	4.4	7.83	4.4	—	—
3	9.11	10.3	9.11	10.3	—	—
Stock handlers and baggers	7.21	2.9	7.21	2.9	—	—
1	6.41	4.2	6.41	4.2	—	—
2	7.84	3.2	7.84	3.2	—	—
Freight, stock, and material handlers, n.e.c.	9.35	8.9	9.35	8.9	—	—
Service	8.28	3.7	7.76	3.9	\$10.28	4.4
1	7.45	4.8	7.35	4.9	8.90	3.8
2	7.66	6.3	6.63	6.7	9.68	1.8
3	8.76	7.3	8.17	6.8	11.81	4.6
4	10.41	5.2	9.92	6.4	11.71	4.9
Protective service	10.02	7.1	8.90	6.3	12.17	2.0
3	10.17	7.8	—	—	—	—
Guards and police, except public service	8.96	6.0	8.94	6.3	—	—
Food service	6.48	7.2	5.81	5.3	10.09	4.0
1	5.64	9.2	5.46	10.1	—	—
2	6.47	12.4	5.38	7.1	—	—
3	6.65	7.8	6.60	7.8	—	—
Waiters, waitresses, and bartenders	4.80	12.9	4.80	12.9	—	—
1	3.70	6.3	3.70	6.3	—	—
2	3.94	16.9	3.94	16.9	—	—
3	6.47	13.9	6.47	13.9	—	—
Waiters and waitresses	4.99	17.7	4.99	17.7	—	—
2	3.65	15.4	3.65	15.4	—	—
Waiters/Waitresses' assistants	4.02	11.2	4.02	11.2	—	—
Other food service	7.15	7.3	6.33	4.2	10.09	4.0
1	6.77	4.1	6.60	3.5	—	—
2	7.12	12.6	5.90	5.0	—	—
3	6.79	9.6	6.71	9.3	—	—
Kitchen workers, food preparation	7.62	3.3	7.62	3.3	—	—
Food preparation, n.e.c.	6.96	9.0	5.98	3.8	10.03	4.4
1	6.76	4.2	—	—	—	—
2	7.11	13.7	—	—	—	—
Health service	9.30	5.0	9.27	5.1	—	—
2	8.43	4.6	8.43	4.6	—	—
3	8.52	8.4	8.48	8.6	—	—
4	11.09	6.2	11.01	6.5	—	—
Health aides, except nursing	9.97	11.0	9.74	11.7	—	—
Nursing aides, orderlies and attendants	9.22	5.4	9.22	5.5	—	—
2	8.34	4.9	8.34	4.9	—	—
3	8.61	9.3	8.57	9.6	—	—
4	10.85	7.0	10.85	7.0	—	—
Cleaning and building service	8.38	8.4	8.33	8.5	—	—
1	8.29	9.6	—	—	—	—
Janitors and cleaners	8.20	7.7	8.13	7.6	—	—
1	8.26	9.6	—	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$9.23	3.9	\$8.82	6.7	\$9.57	4.1
1	7.75	7.6	—	—	—	—
2	9.07	3.2	—	—	—	—
4	9.19	7.8	8.56	6.9	—	—
Child care workers, n.e.c.	9.50	4.3	—	—	9.87	5.0
Service, n.e.c.	8.81	17.7	—	—	—	—

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 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$21.73	\$12.26	\$20.21	\$21.44	\$20.87	\$19.99
All excluding sales	21.85	13.17	20.42	21.83	21.17	18.80
White collar	25.85	15.77	25.09	25.08	25.11	23.90
White-collar excluding sales	26.34	19.79	25.88	26.03	25.95	29.53
Professional specialty and technical	31.88	29.94	33.50	30.20	31.69	—
Professional specialty	33.40	34.13	34.62	32.34	33.35	—
Technical	24.41	17.28	27.85	20.47	23.81	—
Executive, administrative, and managerial	35.15	25.38	27.64	36.89	35.10	—
Sales	18.88	7.61	12.94	16.52	14.34	21.48
Administrative support, including clerical	15.48	12.43	16.26	14.58	15.22	—
Blue collar	15.57	10.46	16.60	13.07	15.34	13.42
Precision production, craft, and repair	21.50	—	22.53	19.20	21.46	—
Machine operators, assemblers, and inspectors	10.94	—	11.38	10.44	11.07	—
Transportation and material moving	17.09	10.69	16.89	15.13	16.37	—
Handlers, equipment cleaners, helpers, and laborers	12.96	7.88	14.11	9.55	12.35	—
Service	14.67	8.28	15.38	9.69	13.52	—
	Relative error ⁶ (percent)					
All occupations	1.9	7.5	2.3	2.8	1.9	10.4
All excluding sales	1.9	8.2	2.3	2.9	1.9	14.6
White collar	2.0	9.3	2.9	2.7	2.0	11.0
White-collar excluding sales	2.1	10.5	3.0	2.7	2.1	18.6
Professional specialty and technical	2.2	10.9	3.4	2.7	2.2	—
Professional specialty	1.9	11.5	2.5	2.9	1.9	—
Technical	10.5	5.6	18.5	4.0	9.9	—
Executive, administrative, and managerial	3.4	16.4	8.2	3.5	3.5	—
Sales	6.7	3.1	11.1	8.1	7.0	13.3
Administrative support, including clerical	1.9	10.0	2.7	2.5	2.0	—
Blue collar	3.0	13.1	3.6	4.8	3.0	13.6
Precision production, craft, and repair	2.8	—	2.8	5.1	2.8	—
Machine operators, assemblers, and inspectors	4.0	—	5.9	5.4	4.0	—
Transportation and material moving	4.4	13.0	4.9	11.0	5.2	—
Handlers, equipment cleaners, helpers, and laborers	5.7	6.4	6.1	6.4	6.1	—
Service	4.2	3.7	4.7	5.1	4.0	—

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

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

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

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

⁵ Time workers' wages are based solely on an hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

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

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. 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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$19.70	-	-	-	-	-	-	-	-	-
All excluding sales	19.99	-	-	-	-	-	-	-	-	-
White collar	24.20	-	-	-	-	-	-	-	-	-
White-collar excluding sales	25.27	-	-	-	-	-	-	-	-	-
Professional specialty and technical	30.21	-	-	-	-	-	-	-	-	-
Professional specialty	31.75	-	-	-	-	-	-	-	-	-
Technical	24.88	-	-	-	-	-	-	-	-	-
Executive, administrative, and managerial	36.90	-	-	-	-	-	-	-	-	-
Sales	15.58	-	-	-	-	-	-	-	-	-
Administrative support, including clerical	15.13	-	-	-	-	-	-	-	-	-
Blue collar	14.56	-	-	-	-	-	-	-	-	-
Precision production, craft, and repair	21.22	-	-	-	-	-	-	-	-	-
Machine operators, assemblers, and inspectors	10.88	-	-	-	-	-	-	-	-	-
Transportation and material moving	15.67	-	-	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers	11.50	-	-	-	-	-	-	-	-	-
Service	10.48	-	-	-	-	-	-	-	-	-
	Relative error ⁵ (percent)									
All occupations	2.4	-	-	-	-	-	-	-	-	-
All excluding sales	2.5	-	-	-	-	-	-	-	-	-
White collar	2.5	-	-	-	-	-	-	-	-	-
White-collar excluding sales	2.6	-	-	-	-	-	-	-	-	-
Professional specialty and technical	2.9	-	-	-	-	-	-	-	-	-
Professional specialty	2.5	-	-	-	-	-	-	-	-	-
Technical	11.2	-	-	-	-	-	-	-	-	-
Executive, administrative, and managerial	3.6	-	-	-	-	-	-	-	-	-
Sales	6.8	-	-	-	-	-	-	-	-	-
Administrative support, including clerical	2.3	-	-	-	-	-	-	-	-	-
Blue collar	3.3	-	-	-	-	-	-	-	-	-
Precision production, craft, and repair	3.2	-	-	-	-	-	-	-	-	-
Machine operators, assemblers, and inspectors	4.0	-	-	-	-	-	-	-	-	-
Transportation and material moving	6.4	-	-	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers	6.6	-	-	-	-	-	-	-	-	-
Service	4.2	-	-	-	-	-	-	-	-	-

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.

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Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	\$19.70	\$16.37	\$20.50	\$17.63	\$23.54
All excluding sales	19.99	16.38	20.83	18.03	23.59
White collar	24.20	20.25	25.02	21.98	27.52
White-collar excluding sales	25.27	21.10	26.06	23.69	27.75
Professional specialty and technical	30.21	25.16	30.94	29.12	31.71
Professional specialty	31.75	27.18	32.45	31.52	32.82
Technical	24.88	16.47	25.89	22.51	27.65
Executive, administrative, and managerial	36.90	35.01	37.23	33.62	40.66
Sales	15.58	16.22	15.34	13.64	21.65
Administrative support, including clerical	15.13	13.00	15.63	15.03	16.17
Blue collar	14.56	13.21	15.02	13.84	18.21
Precision production, craft, and repair	21.22	18.98	21.91	20.63	23.67
Machine operators, assemblers, and inspectors	10.88	9.80	11.28	10.56	15.02
Transportation and material moving	15.67	16.97	15.22	16.10	13.33
Handlers, equipment cleaners, helpers, and laborers	11.50	9.85	12.03	11.68	13.36
Service	10.48	9.71	10.67	9.61	11.62
	Relative error ⁴ (percent)				
All occupations	2.4	4.3	2.8	4.3	3.6
All excluding sales	2.5	4.5	2.9	4.5	3.6
White collar	2.5	5.0	2.8	4.8	3.4
White-collar excluding sales	2.6	5.5	2.8	5.0	3.3
Professional specialty and technical	2.9	4.6	3.2	5.7	3.9
Professional specialty	2.5	5.2	2.7	6.8	2.7
Technical	11.2	6.6	12.0	7.5	16.7
Executive, administrative, and managerial	3.6	5.6	4.0	5.7	5.2
Sales	6.8	14.9	8.1	7.8	18.0
Administrative support, including clerical	2.3	3.8	2.5	4.4	2.6
Blue collar	3.3	6.8	3.9	4.8	5.7
Precision production, craft, and repair	3.2	6.4	3.6	5.5	3.4
Machine operators, assemblers, and inspectors	4.0	7.8	4.7	4.8	9.1
Transportation and material moving	6.4	11.8	7.2	8.4	11.4
Handlers, equipment cleaners, helpers, and laborers	6.6	8.6	8.0	10.2	5.4
Service	4.2	8.0	4.9	4.9	7.7

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 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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$8.00	\$11.49	\$17.08	\$25.83	\$38.96
All excluding sales	8.26	11.81	17.24	26.10	38.96
White collar	10.35	14.46	20.64	31.85	44.37
White collar excluding sales	11.33	15.05	21.67	32.96	44.95
Professional specialty and technical	15.74	21.51	28.94	38.96	48.30
Professional specialty	18.27	23.68	31.11	39.59	49.87
Engineers, architects, and surveyors	21.88	24.38	29.54	36.49	41.57
Chemical engineers	25.82	25.95	31.66	36.49	43.41
Civil engineers	22.22	22.22	24.38	29.52	33.37
Electrical and electronic engineers	22.97	27.02	31.45	37.71	43.11
Industrial engineers	19.12	22.00	27.70	29.24	38.45
Mechanical engineers	21.50	22.27	28.87	34.00	36.53
Engineers, n.e.c.	21.88	28.02	33.56	38.74	43.81
Mathematical and computer scientists	25.80	28.43	32.89	41.20	50.43
Computer systems analysts and scientists	25.80	28.37	33.04	41.20	47.77
Operations and systems researchers and analysts	21.15	28.94	34.25	80.00	80.00
Natural scientists	21.12	23.28	29.51	41.52	47.97
Chemists, except biochemists	19.83	23.28	25.32	37.39	47.97
Medical scientists	29.02	29.51	36.37	49.41	49.41
Health related	17.89	22.03	26.00	31.95	36.84
Physicians	10.98	13.00	22.06	56.81	69.58
Registered nurses	21.92	23.01	26.80	31.62	35.00
Pharmacists	21.51	21.51	29.00	31.85	34.91
Dietitians	16.02	16.58	17.91	19.33	20.08
Respiratory therapists	20.00	21.14	21.71	23.12	23.63
Teachers, college and university	26.87	31.75	45.37	55.00	71.25
Medical science teachers	34.85	37.50	81.04	89.68	171.23
English teachers	52.86	52.86	52.86	60.51	77.04
Other post-secondary teachers	21.64	27.86	41.77	53.70	56.46
Teachers, except college and university	18.03	31.56	38.96	44.93	49.46
Prekindergarten and kindergarten	13.10	14.25	16.38	53.28	61.03
Elementary school teachers	23.55	29.88	41.74	48.22	54.95
Secondary school teachers	35.43	36.29	41.79	47.42	58.19
Teachers, special education	33.91	37.25	39.03	45.89	49.87
Teachers, n.e.c.	20.70	25.80	38.96	38.96	44.93
Substitute teachers	10.27	10.27	10.27	11.38	11.38
Vocational and educational counselors	10.40	12.50	31.56	44.69	44.69
Librarians, archivists, and curators	17.41	22.56	29.69	42.82	49.05
Librarians	17.41	21.90	29.68	33.12	49.05
Social scientists and urban planners	17.07	24.36	32.88	44.37	44.37
Economists	17.07	18.02	33.85	35.75	41.75
Psychologists	15.50	24.36	32.44	44.37	44.37
Social, recreation, and religious workers	14.50	18.27	22.01	25.76	28.65
Social workers	14.56	18.27	22.73	25.76	28.65
Recreation workers	10.01	10.01	13.25	19.70	19.84
Lawyers and judges	30.13	30.13	37.03	57.98	75.55
Lawyers	30.13	30.13	37.03	57.98	75.55
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.08	19.75	27.77	38.91	50.11
Designers	18.61	21.61	27.25	31.40	38.89
Editors and reporters	15.08	21.56	28.27	47.89	65.47
Public relations specialists	15.14	17.83	21.53	21.63	33.35
Athletes	8.00	9.00	15.50	17.20	33.21
Professional, n.e.c.	17.55	22.23	33.09	40.10	54.95
Technical	13.64	15.67	18.67	22.98	30.22
Clinical laboratory technologists and technicians	11.58	15.43	18.68	22.98	26.11
Radiological technicians	20.12	21.39	22.06	23.15	26.79
Licensed practical nurses	14.77	16.29	17.16	18.95	20.17
Health technologists and technicians, n.e.c.	11.49	13.82	15.67	17.41	23.00
Electrical and electronic technicians	13.49	14.77	19.82	20.94	28.57
Engineering technicians, n.e.c.	13.33	13.96	21.29	21.90	22.81
Computer programmers	18.00	21.15	25.51	37.71	37.71
Legal assistants	18.68	18.95	22.27	23.76	23.76
Technical and related, n.e.c.	16.16	18.96	22.41	24.72	31.07
Executive, administrative, and managerial	19.01	22.93	30.47	42.37	54.33

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Executives, administrators, and managers	\$22.38	\$28.67	\$37.00	\$46.54	\$58.51
Administrators and officials, public administration	25.20	35.23	37.00	41.18	45.47
Financial managers	26.10	32.05	39.37	49.31	69.41
Personnel and labor relations managers	29.17	30.03	30.16	35.03	35.58
Managers, marketing, advertising, and public relations	27.16	33.76	42.19	50.63	69.94
Administrators, education and related fields	20.00	23.63	40.43	52.55	52.55
Managers, medicine and health	24.00	27.88	33.50	47.11	58.16
Managers, service organizations, n.e.c.	19.24	24.00	32.82	52.56	85.72
Managers and administrators, n.e.c.	22.11	28.34	36.44	46.31	57.98
Management related	16.26	19.45	24.90	31.36	42.37
Accountants and auditors	18.30	20.29	24.72	29.45	36.27
Other financial officers	16.02	21.01	28.20	52.79	72.80
Management analysts	19.78	22.66	31.49	36.68	39.00
Personnel, training, and labor relations specialists	19.74	20.53	23.63	28.60	38.82
Purchasing agents and buyers, n.e.c.	18.16	20.85	24.60	36.93	42.37
Construction inspectors	16.26	19.72	22.83	30.62	31.29
Inspectors and compliance officers, except construction	12.88	12.88	17.31	27.27	31.33
Management related, n.e.c.	17.59	19.01	23.08	29.03	34.66
Sales	6.57	7.88	11.49	19.41	29.36
Supervisors, sales	15.34	16.19	22.00	29.36	38.50
Advertising and related sales	16.27	17.84	21.44	24.00	24.00
Sales, other business services	13.00	16.97	19.40	30.58	41.91
Sales representatives, mining, manufacturing, and wholesale	15.63	16.59	28.23	41.01	47.46
Sales workers, apparel	6.50	6.66	7.22	9.35	12.82
Sales workers, radio, tv, hi-fi, and appliances	7.75	8.90	12.62	23.60	23.60
Sales workers, other commodities	6.34	7.30	8.57	10.20	13.50
Cashiers	6.38	6.63	8.25	10.46	16.22
Sales support, n.e.c.	7.01	8.90	16.37	22.26	22.54
Administrative support, including clerical	9.80	11.65	14.81	17.75	21.67
Supervisors, general office	14.28	18.15	20.19	22.50	33.65
Supervisors, financial records processing	15.00	17.22	18.42	20.80	27.62
Supervisors, distribution, scheduling, and adjusting clerks	13.70	13.70	19.23	32.38	35.49
Computer operators	12.18	13.25	14.63	19.18	21.33
Secretaries	12.38	14.24	16.18	18.71	21.70
Stenographers	16.14	17.24	17.79	18.45	21.63
Typists	10.08	12.09	13.40	15.88	18.50
Interviewers	9.20	11.75	12.60	13.98	15.25
Hotel clerks	8.27	8.30	8.50	15.05	17.00
Transportation ticket and reservation agents	10.54	11.64	16.94	18.77	20.00
Receptionists	8.57	10.00	11.67	13.88	15.38
Order clerks	15.00	15.18	18.05	23.07	24.02
Personnel clerks, except payroll and timekeeping	10.00	12.08	13.95	14.16	19.13
Library clerks	10.38	11.52	11.72	16.11	18.19
File clerks	10.66	11.35	12.11	12.87	14.81
Records clerks, n.e.c.	10.53	12.65	13.66	14.93	19.47
Bookkeepers, accounting and auditing clerks	10.25	12.44	15.38	17.58	18.85
Payroll and timekeeping clerks	11.36	12.35	16.05	17.98	19.90
Billing clerks	11.00	11.12	12.34	14.91	17.82
Telephone operators	11.00	11.53	14.81	14.81	15.86
Mail clerks, except postal service	9.97	9.97	10.61	13.97	17.49
Messengers	5.47	5.47	10.00	10.87	14.84
Dispatchers	12.31	13.46	17.17	24.30	25.83
Traffic, shipping and receiving clerks	8.14	10.65	12.12	15.00	16.00
Stock and inventory clerks	9.60	9.60	12.96	15.82	17.70
Material recording, scheduling, and distribution clerks, n.e.c.	6.73	7.73	13.00	18.41	27.56
Insurance adjusters, examiners, and investigators	10.51	11.32	16.00	22.79	24.96

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Administrative support, including clerical —Continued					
Investigators and adjusters, except insurance	\$10.27	\$12.52	\$18.83	\$20.83	\$23.55
Eligibility clerks, social welfare	11.33	15.05	15.05	15.64	18.22
Bill and account collectors	10.99	10.99	16.97	21.93	26.99
General office clerks	8.50	10.65	13.83	16.64	20.64
Bank tellers	9.21	9.36	10.16	12.11	12.97
Data entry keyers	9.00	9.50	10.38	12.95	14.81
Statistical clerks	11.33	11.33	14.17	15.32	19.73
Teachers' aides	7.25	10.25	13.69	16.34	16.34
Administrative support, n.e.c.	10.76	12.57	14.86	16.96	22.36
Blue collar	7.28	9.62	14.20	20.11	24.88
Precision production, craft, and repair					
Supervisors, mechanics and repairers	18.54	20.32	25.05	29.08	29.93
Automobile mechanics	18.58	21.19	23.61	26.47	26.47
Industrial machinery repairers	14.60	16.42	18.98	19.47	23.41
Heating, air conditioning, and refrigeration mechanics	13.32	20.83	22.55	24.64	24.64
Mechanics and repairers, n.e.c.	15.67	17.63	18.55	21.47	23.85
Supervisors, electricians and power transmission installers	19.90	19.90	34.37	34.93	39.00
Carpenters	12.81	12.81	23.85	30.40	33.25
Electricians	15.89	17.82	21.35	30.27	30.60
Painters, construction and maintenance	14.19	26.00	26.00	27.75	27.75
Plumbers, pipefitters and steamfitters	17.84	17.84	23.76	25.13	32.76
Construction trades, n.e.c.	13.93	16.35	16.35	25.06	27.60
Supervisors, production	14.43	17.74	22.60	27.86	31.12
Machinists	13.54	14.29	16.28	18.77	26.10
Electrical and electronic equipment assemblers ..	8.45	8.45	12.58	16.42	16.42
Miscellaneous precision workers, n.e.c.	14.58	19.66	26.92	26.92	36.78
Stationary engineers	16.28	18.76	22.62	26.17	27.56
Machine operators, assemblers, and inspectors					
Punching and stamping press operators	6.08	6.08	10.33	12.00	13.62
Grinding, abrading, buffing, and polishing machine operators	8.57	9.00	10.90	12.41	13.29
Fabricating machine operators, n.e.c.	7.78	8.32	9.65	15.39	16.50
Textile sewing machine operators	5.99	6.50	6.50	7.00	12.00
Laundry and dry cleaning machine operators	8.05	8.42	8.69	13.22	13.52
Packaging and filling machine operators	8.25	8.73	8.73	9.72	14.52
Mixing and blending machine operators	10.32	11.57	12.29	15.33	16.22
Folding machine operators	11.50	11.50	12.04	12.30	15.14
Photographic process machine operators	8.64	10.59	11.41	11.91	13.83
Miscellaneous machine operators, n.e.c.	8.32	9.09	12.41	14.87	18.68
Assemblers	5.94	6.20	7.09	10.36	11.86
Production inspectors, checkers and examiners ..	8.00	8.93	10.07	12.87	14.21
Transportation and material moving					
Truck drivers	11.43	14.05	15.95	17.19	23.79
Driver-sales workers	14.94	21.93	21.93	22.04	22.39
Bus drivers	10.61	12.17	16.20	19.22	19.22
Motor transportation, n.e.c.	9.03	10.05	10.05	17.78	20.65
Industrial truck and tractor equipment operators ..	7.89	9.88	16.62	17.93	17.93
Miscellaneous material moving equipment operators, n.e.c.	12.24	14.90	18.57	19.95	19.95
Handlers, equipment cleaners, helpers, and laborers					
Groundskeepers and gardeners, except farm	8.02	11.00	12.00	13.25	19.22
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	9.69	9.69	17.81	20.90	26.64
Helpers, construction trades	13.56	13.56	13.56	16.43	18.50
Production helpers	6.50	8.60	9.62	10.23	14.46
Stock handlers and baggers	6.35	7.49	11.76	15.22	20.75
Freight, stock, and material handlers, n.e.c.	6.85	8.97	10.46	15.20	17.80

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Handlers, equipment cleaners, helpers, and laborers					
—Continued					
Hand packers and packagers	\$7.07	\$7.57	\$8.89	\$10.79	\$20.45
Laborers, except construction, n.e.c.	5.84	8.40	11.21	14.83	16.75
Service	6.62	7.84	11.44	16.35	24.15
Protective service	7.85	12.83	21.12	24.34	31.53
Supervisors, police and detectives	27.20	27.20	31.53	36.01	37.31
Police and detectives, public service	21.12	21.12	22.87	28.13	32.66
Sheriffs, bailiffs, and other law enforcement officers	12.83	19.19	22.92	24.35	24.35
Correctional institution officers	17.87	18.45	18.71	23.17	23.17
Guards and police, except public service	6.29	6.61	9.95	14.40	16.27
Protective service, n.e.c.	12.35	12.35	12.35	18.68	21.86
Food service	4.30	5.65	8.00	10.90	13.65
Waiters, waitresses, and bartenders	3.00	3.40	4.74	8.20	9.98
Bartenders	5.25	5.65	5.65	13.20	17.29
Waiters and waitresses	2.90	3.00	4.74	8.20	8.44
Waiters/Waitresses' assistants	3.40	3.40	3.50	5.65	12.36
Other food service	5.45	6.50	9.00	11.71	14.84
Supervisors, food preparation and service	8.02	9.00	12.11	18.37	18.37
Cooks	8.94	9.45	10.85	12.87	16.12
Food counter, fountain, and related	6.50	6.66	8.46	9.60	12.58
Kitchen workers, food preparation	7.00	7.70	11.55	13.74	16.13
Food preparation, n.e.c.	5.40	5.60	6.50	9.67	11.48
Health service	7.07	7.19	9.03	12.94	14.05
Health aides, except nursing	8.01	10.48	12.49	13.41	15.03
Nursing aides, orderlies and attendants	7.07	7.19	8.70	12.70	14.05
Cleaning and building service	6.87	8.76	12.36	15.46	17.24
Supervisors, cleaning and building service workers	15.98	16.88	19.25	21.06	24.66
Maids and housemen	8.25	9.00	13.28	16.26	16.27
Janitors and cleaners	6.87	8.69	11.80	14.89	17.24
Personal service	7.19	8.08	9.44	14.39	24.98
Attendants, amusement, and recreation facilities	7.33	9.28	9.60	10.26	10.26
Public transportation attendants	8.08	8.08	24.98	45.50	52.12
Welfare service aides	6.62	7.40	10.62	17.00	20.20
Early childhood teachers' assistants	7.20	9.16	10.72	14.26	14.50
Child care workers, n.e.c.	7.93	8.10	8.91	9.44	10.57
Service, n.e.c.	5.15	7.19	8.26	14.08	15.00

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$7.29	\$10.25	\$15.78	\$24.00	\$36.05
All excluding sales	7.52	10.50	15.98	24.44	36.44
White collar	9.99	13.73	19.90	30.03	42.33
White collar excluding sales	10.65	14.77	20.71	31.05	43.41
Professional specialty and technical	15.50	20.20	26.33	34.91	45.68
Professional specialty	18.00	22.39	29.24	35.89	49.41
Engineers, architects, and surveyors	22.97	26.86	31.66	38.01	43.11
Chemical engineers	25.82	25.95	31.66	36.49	43.41
Electrical and electronic engineers	22.97	27.02	31.45	37.71	43.11
Industrial engineers	19.12	22.00	27.70	29.24	38.45
Mechanical engineers	21.00	21.50	34.00	36.53	36.75
Engineers, n.e.c.	26.86	29.71	35.57	39.15	43.81
Mathematical and computer scientists	25.80	28.43	32.89	41.20	50.43
Computer systems analysts and scientists	25.80	28.37	33.04	41.15	47.77
Operations and systems researchers and analysts	21.15	28.94	34.25	80.00	80.00
Natural scientists	21.12	23.28	31.82	41.92	47.97
Chemists, except biochemists	19.83	23.28	25.32	37.39	47.97
Medical scientists	29.51	29.51	36.37	49.41	49.41
Health related	19.89	22.09	26.26	32.43	36.95
Physicians	18.00	19.85	23.61	60.00	70.37
Registered nurses	22.03	23.17	26.80	31.95	35.06
Pharmacists	16.37	28.04	30.75	31.85	34.91
Respiratory therapists	21.14	21.44	23.12	23.12	23.63
Teachers, college and university	25.00	30.77	41.77	56.46	77.04
Other post-secondary teachers	19.86	41.77	44.20	56.46	56.46
Teachers, except college and university	10.40	13.95	18.98	25.79	35.00
Prekindergarten and kindergarten	7.46	13.10	16.12	16.12	28.48
Elementary school teachers	18.98	21.19	23.10	33.46	35.76
Secondary school teachers	22.46	22.68	29.44	45.14	45.97
Teachers, special education	18.03	18.03	18.03	32.87	33.81
Teachers, n.e.c.	10.47	14.37	20.70	25.79	29.22
Vocational and educational counselors	10.25	10.40	10.40	14.00	15.51
Librarians, archivists, and curators	14.50	21.90	28.02	33.28	50.63
Librarians	14.50	21.90	28.02	30.08	42.82
Social scientists and urban planners	13.86	17.90	26.93	35.72	41.75
Economists	17.07	18.02	33.85	35.75	41.75
Psychologists	13.86	14.04	26.40	26.93	32.44
Social, recreation, and religious workers	13.92	15.74	20.52	24.47	27.69
Social workers	13.97	15.74	20.84	24.34	27.69
Lawyers and judges	30.76	31.73	57.98	58.66	87.41
Lawyers	30.76	31.73	57.98	58.66	87.41
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.08	19.75	28.97	38.91	50.21
Designers	18.61	21.61	27.25	31.40	38.89
Editors and reporters	15.08	21.56	28.27	47.89	65.47
Athletes	8.00	9.00	16.29	17.20	33.21
Professional, n.e.c.	17.55	20.96	35.80	40.10	54.95
Technical	13.45	16.04	18.95	23.08	33.03
Clinical laboratory technologists and technicians	11.34	14.06	18.68	22.98	26.11
Radiological technicians	20.12	21.39	22.06	23.15	26.79
Licensed practical nurses	16.04	16.61	17.47	18.54	20.25
Health technologists and technicians, n.e.c.	10.58	13.13	14.83	17.33	18.97
Electrical and electronic technicians	13.49	14.77	19.82	20.94	28.57
Engineering technicians, n.e.c.	13.33	13.96	21.29	21.90	22.81
Computer programmers	19.04	21.98	31.76	37.71	37.90
Technical and related, n.e.c.	16.16	18.96	23.08	30.22	41.10
Executive, administrative, and managerial	19.45	23.95	32.57	45.00	59.08
Executives, administrators, and managers	22.38	28.34	37.49	46.94	61.70
Financial managers	26.85	33.10	39.66	49.78	69.45
Personnel and labor relations managers	24.72	30.16	30.16	35.03	51.32
Managers, marketing, advertising, and public relations	27.16	33.76	42.19	50.63	69.94
Administrators, education and related fields	20.00	20.10	23.63	26.08	37.30

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Executives, administrators, and managers —Continued					
Managers, medicine and health	\$25.64	\$27.88	\$36.19	\$48.17	\$58.16
Managers, service organizations, n.e.c.	19.24	24.00	32.82	58.05	85.72
Managers and administrators, n.e.c.	22.05	27.62	37.49	46.68	58.00
Management related	17.16	19.80	26.23	35.85	52.79
Accountants and auditors	17.76	20.23	24.90	31.44	37.50
Other financial officers	16.02	18.85	30.22	67.31	72.80
Management analysts	19.78	22.66	34.22	36.68	42.46
Personnel, training, and labor relations specialists	20.66	25.71	27.25	32.82	41.82
Purchasing agents and buyers, n.e.c.	18.16	20.85	24.60	42.37	42.37
Inspectors and compliance officers, except construction	25.37	27.77	31.33	36.16	39.42
Management related, n.e.c.	17.59	19.01	21.15	29.00	34.66
Sales	6.50	7.80	11.29	19.54	30.00
Supervisors, sales	15.34	16.19	22.00	29.36	38.50
Advertising and related sales	16.27	17.84	21.44	24.00	24.00
Sales, other business services	13.00	16.97	19.40	30.58	41.91
Sales representatives, mining, manufacturing, and wholesale	15.63	16.59	28.23	41.01	47.46
Sales workers, apparel	6.50	6.66	7.22	9.35	12.82
Sales workers, radio, tv, hi-fi, and appliances	7.75	8.90	12.62	23.60	23.60
Sales workers, other commodities	6.34	7.30	8.57	10.20	13.50
Cashiers	6.38	6.63	7.48	9.17	14.36
Sales support, n.e.c.	7.01	8.90	16.37	22.26	22.54
Administrative support, including clerical	9.60	11.26	14.62	17.82	21.93
Supervisors, general office	13.38	17.52	20.37	25.29	33.65
Supervisors, financial records processing	15.00	17.00	19.38	20.80	27.62
Supervisors, distribution, scheduling, and adjusting clerks	13.70	13.70	19.23	32.38	35.49
Computer operators	12.18	13.25	14.63	18.21	21.82
Secretaries	12.17	14.55	16.11	18.63	22.21
Typists	10.08	12.55	14.62	17.00	20.44
Interviewers	9.20	11.75	12.50	13.74	15.25
Hotel clerks	8.27	8.30	8.50	15.05	17.00
Transportation ticket and reservation agents	10.25	11.26	16.22	18.78	20.00
Receptionists	8.57	10.00	11.67	13.88	15.38
Order clerks	15.00	15.18	18.05	23.07	24.02
Personnel clerks, except payroll and timekeeping	10.00	12.08	13.95	14.16	19.13
Library clerks	11.00	11.00	12.45	16.11	18.02
File clerks	10.66	11.35	12.11	12.87	14.81
Records clerks, n.e.c.	10.53	13.45	13.91	16.59	19.47
Bookkeepers, accounting and auditing clerks	10.10	12.02	15.38	16.92	18.85
Payroll and timekeeping clerks	11.36	12.35	16.05	17.98	19.90
Billing clerks	11.00	11.12	12.34	14.91	17.82
Telephone operators	11.53	11.53	14.81	14.81	15.86
Mail clerks, except postal service	9.97	9.97	10.61	13.97	17.49
Messengers	5.47	5.47	10.00	10.87	12.80
Dispatchers	9.88	13.46	13.46	17.90	19.28
Traffic, shipping and receiving clerks	8.14	10.53	11.95	13.82	16.97
Stock and inventory clerks	9.60	9.60	12.96	15.82	17.70
Material recording, scheduling, and distribution clerks, n.e.c.	6.73	7.73	13.00	18.41	27.56
Insurance adjusters, examiners, and investigators	10.51	11.32	16.00	22.79	24.96
Investigators and adjusters, except insurance	10.27	12.41	18.95	21.79	23.55
Bill and account collectors	10.99	10.99	16.97	21.93	26.99
General office clerks	8.63	10.63	13.65	17.14	20.65
Bank tellers	9.21	9.36	10.16	12.11	12.97
Data entry keyers	9.00	9.34	10.30	12.51	14.81

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
White collar —Continued					
Administrative support, including clerical —Continued					
Statistical clerks	\$11.33	\$11.33	\$14.17	\$15.32	\$19.73
Administrative support, n.e.c.	10.71	12.10	14.69	17.66	22.41
Blue collar	7.07	8.97	13.12	18.68	24.64
Precision production, craft, and repair					
Supervisors, mechanics and repairers	12.70	16.35	21.35	25.82	29.79
Industrial machinery repairers	24.34	25.05	28.58	29.93	29.93
Mechanics and repairers, n.e.c.	14.60	16.42	18.98	19.47	23.41
Supervisors, electricians and power transmission installers	14.88	17.63	18.27	23.85	25.13
Carpenters	19.90	19.90	34.37	34.93	39.00
Electricians	12.81	12.81	21.15	30.40	33.25
Painters, construction and maintenance	16.53	17.82	22.10	30.27	30.60
Construction trades, n.e.c.	16.48	26.00	26.00	27.75	27.75
Supervisors, production	13.93	16.35	16.35	25.06	27.60
Machinists	14.43	17.74	22.60	27.86	31.12
Electrical and electronic equipment assemblers ..	13.54	14.29	16.11	16.46	18.77
Miscellaneous precision workers, n.e.c.	8.45	8.45	12.58	16.42	16.42
Stationary engineers	14.58	19.66	26.92	26.92	36.78
	13.22	16.28	22.62	26.17	27.56
Machine operators, assemblers, and inspectors					
Punching and stamping press operators	6.50	8.24	10.00	12.85	16.00
Grinding, abrading, buffing, and polishing machine operators	6.08	6.08	10.33	12.00	13.62
Fabricating machine operators, n.e.c.	8.57	9.00	10.90	12.41	13.29
Textile sewing machine operators	7.78	8.32	9.65	15.39	16.50
Laundrying and dry cleaning machine operators	5.99	6.50	6.50	7.00	12.00
Packaging and filling machine operators	8.05	8.42	8.69	13.22	13.52
Mixing and blending machine operators	8.25	8.73	8.73	9.72	14.52
Folding machine operators	10.32	11.57	12.29	15.33	16.22
Photographic process machine operators	11.50	11.50	12.04	12.30	15.14
Miscellaneous machine operators, n.e.c.	8.64	10.59	11.41	11.91	13.83
Assemblers	8.32	9.09	12.41	14.87	18.68
Production inspectors, checkers and examiners ..	5.94	6.20	7.09	10.36	11.86
	8.00	8.93	10.07	12.87	14.21
Transportation and material moving					
Truck drivers	9.70	12.13	15.95	17.93	22.39
Driver-sales workers	11.05	13.91	15.95	17.18	24.40
Bus drivers	14.94	21.93	21.93	22.04	22.39
Industrial truck and tractor equipment operators ..	9.83	10.61	10.61	12.27	16.16
	7.89	9.88	16.62	17.93	17.93
Handlers, equipment cleaners, helpers, and laborers					
Groundskeepers and gardeners, except farm	6.15	7.50	9.84	14.97	20.40
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	11.00	11.00	12.00	12.18	12.92
Production helpers	9.69	9.69	17.81	20.67	20.90
Stock handlers and baggers	6.50	8.60	9.62	10.23	14.46
Freight, stock, and material handlers, n.e.c.	6.35	7.49	11.76	15.22	20.75
Hand packers and packagers	6.85	8.97	10.46	15.20	17.80
Laborers, except construction, n.e.c.	7.07	7.57	8.89	10.79	20.45
	5.52	7.00	9.00	12.40	15.05
Service					
Protective service	6.25	7.19	8.92	12.91	15.67
Guards and police, except public service	6.29	6.61	10.00	14.44	17.86
Food service	6.29	6.61	9.90	13.91	15.90
Waiters, waitresses, and bartenders	4.00	5.45	7.24	10.17	13.74
Bartenders	3.00	3.40	4.74	7.56	8.44
Waiters/waitresses' assistants	5.25	5.65	5.65	13.20	17.29
Other food service	2.90	3.00	4.74	8.20	8.44
Supervisors, food preparation and service	3.40	3.40	3.50	4.00	5.65
	5.45	6.20	8.02	11.71	15.00
	8.02	9.00	12.11	18.37	18.37

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Service —Continued					
Food service —Continued					
Other food service —Continued					
Cooks	\$8.08	\$9.01	\$10.85	\$12.87	\$16.12
Food counter, fountain, and related	6.50	6.66	8.46	9.60	12.58
Kitchen workers, food preparation	7.00	7.70	10.00	14.36	16.13
Food preparation, n.e.c.	5.40	5.60	6.20	7.50	10.17
Health service	7.07	7.19	8.25	11.69	13.32
Health aides, except nursing	7.56	10.27	10.64	13.07	14.37
Nursing aides, orderlies and attendants	7.07	7.19	7.81	11.37	13.22
Cleaning and building service	6.87	8.25	11.32	15.46	16.26
Maids and housemen	8.25	9.00	13.28	16.26	16.27
Janitors and cleaners	6.25	6.87	9.00	13.50	15.46
Personal service	7.19	7.93	8.59	14.58	34.48
Public transportation attendants	8.08	8.08	34.48	45.50	52.12
Early childhood teachers' assistants	7.16	7.20	8.59	11.82	14.24
Child care workers, n.e.c.	7.93	7.93	8.20	8.91	9.22
Service, n.e.c.	5.15	7.19	8.26	14.42	15.00

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$12.35	\$15.35	\$21.12	\$30.13	\$42.39
All excluding sales	12.35	15.42	21.12	30.47	42.75
White collar	13.03	16.40	24.63	38.96	46.89
White collar excluding sales	13.00	16.44	24.72	38.96	47.29
Professional specialty and technical	16.63	24.17	36.57	44.07	49.46
Professional specialty	18.27	26.09	38.96	44.37	50.62
Engineers, architects, and surveyors	21.88	22.22	22.27	24.63	29.54
Mathematical and computer scientists	—	—	—	—	—
Natural scientists	—	—	—	—	—
Health related	11.12	13.00	21.51	28.85	36.19
Physicians	9.88	10.98	13.00	13.00	58.03
Registered nurses	19.36	20.01	26.40	29.60	33.38
Teachers, college and university	26.87	33.99	52.86	55.00	62.93
Other post-secondary teachers	24.38	27.86	36.10	45.37	58.34
Teachers, except college and university	29.88	37.25	39.03	45.89	51.23
Elementary school teachers	29.88	39.19	44.07	48.29	54.95
Secondary school teachers	35.43	36.29	41.79	47.85	58.19
Teachers, special education	36.57	38.19	39.03	45.89	49.87
Teachers, n.e.c.	25.80	38.96	38.96	38.96	44.93
Vocational and educational counselors	20.88	31.56	44.69	44.69	44.69
Librarians, archivists, and curators	29.69	29.69	29.91	49.05	49.05
Librarians	29.69	29.69	29.91	49.05	49.05
Social scientists and urban planners	24.36	24.36	44.37	44.37	44.37
Psychologists	24.36	27.25	44.37	44.37	45.78
Social, recreation, and religious workers	18.27	18.27	23.39	26.09	28.65
Social workers	18.27	18.27	23.88	26.09	28.65
Lawyers and judges	30.13	30.13	30.13	37.03	42.39
Lawyers	30.13	30.13	30.13	37.03	42.39
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.50	21.51	21.53	22.92	26.86
Technical	14.77	15.67	16.79	21.46	24.17
Clinical laboratory technologists and technicians	17.23	17.23	18.42	29.76	30.05
Licensed practical nurses	13.99	14.66	15.75	19.14	20.17
Health technologists and technicians, n.e.c.	15.67	15.67	15.67	21.46	24.17
Executive, administrative, and managerial	17.04	19.94	27.72	33.73	43.45
Executives, administrators, and managers	25.98	30.47	35.31	43.45	52.55
Administrators and officials, public administration	25.20	35.23	37.00	41.18	45.47
Administrators, education and related fields	40.43	43.45	52.55	52.55	52.55
Managers, medicine and health	19.23	27.72	28.67	28.67	35.71
Management related	12.88	17.31	22.43	27.95	28.54
Personnel, training, and labor relations specialists	19.74	19.74	19.74	22.48	23.63
Inspectors and compliance officers, except construction	12.88	12.88	17.31	20.22	27.66
Management related, n.e.c.	17.51	22.43	25.35	33.73	33.73
Sales	—	—	—	—	—
Administrative support, including clerical	12.09	13.40	15.37	17.62	19.80
Supervisors, general office	15.52	18.62	18.62	21.67	22.50
Secretaries	13.96	13.96	17.13	19.80	19.80
Stenographers	17.24	17.24	18.45	20.79	21.63
Typists	11.26	12.09	13.40	14.48	16.55
Library clerks	8.29	11.52	11.52	11.72	18.19
Bookkeepers, accounting and auditing clerks	14.37	14.37	17.62	17.72	24.36
Dispatchers	12.31	16.97	24.30	25.83	25.83
Eligibility clerks, social welfare	15.05	15.05	15.05	15.05	16.41
General office clerks	5.15	12.89	14.58	16.44	17.86
Teachers' aides	12.35	12.82	16.34	16.34	16.34
Administrative support, n.e.c.	13.89	13.89	14.86	14.86	14.86
Blue collar	12.94	15.83	19.22	21.79	26.47

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	State and local government				
	10	25	Median 50	75	90
Blue collar –Continued					
Precision production, craft, and repair	\$16.82	\$19.05	\$21.36	\$26.47	\$26.47
Automobile mechanics	20.78	21.19	26.47	26.47	26.47
Electricians	15.89	15.89	16.82	18.81	34.00
Machine operators, assemblers, and inspectors	11.72	15.42	15.42	22.52	22.52
Transportation and material moving	11.92	14.63	19.22	20.65	22.07
Bus drivers	16.20	18.84	19.22	19.22	19.22
Handlers, equipment cleaners, helpers, and laborers	13.02	13.97	16.29	20.11	20.11
Laborers, except construction, n.e.c.	13.24	13.97	15.14	16.75	17.32
Service	10.26	12.74	18.96	23.93	30.66
Protective service	17.87	21.12	22.30	27.31	33.02
Supervisors, police and detectives	27.20	27.20	31.53	36.01	37.31
Police and detectives, public service	21.12	21.12	22.87	28.13	32.66
Sheriffs, bailiffs, and other law enforcement officers	12.83	19.19	22.92	24.35	24.35
Correctional institution officers	17.87	18.45	18.71	23.17	23.17
Guards and police, except public service	13.06	13.86	14.59	15.35	16.27
Food service	9.67	9.67	10.62	11.55	12.36
Waiters, waitresses, and bartenders	–	–	–	–	–
Other food service	9.67	9.67	10.51	11.40	12.33
Cooks	10.62	10.62	10.62	13.33	16.29
Food preparation, n.e.c.	9.67	9.67	10.51	11.01	12.29
Health service	12.49	13.41	13.62	14.05	17.09
Health aides, except nursing	13.41	13.41	13.41	13.45	15.03
Nursing aides, orderlies and attendants	12.35	12.89	13.90	14.05	17.09
Cleaning and building service	11.05	11.63	12.74	17.24	20.24
Janitors and cleaners	10.94	11.71	12.74	17.24	20.24
Personal service	9.44	9.44	9.78	12.40	17.61
Child care workers, n.e.c.	9.44	9.44	9.44	9.44	10.57

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$8.76	\$12.50	\$17.99	\$26.65	\$39.03
All excluding sales	8.77	12.55	18.22	26.79	39.03
White collar	11.36	15.05	21.67	32.86	44.93
White collar excluding sales	11.75	15.38	22.01	33.58	45.22
Professional specialty and technical	16.13	21.88	29.52	38.96	48.29
Professional specialty	18.53	24.00	31.47	39.67	49.46
Engineers, architects, and surveyors	21.88	24.38	29.52	36.53	41.57
Chemical engineers	25.82	25.95	31.66	36.49	43.41
Civil engineers	22.22	22.22	24.38	29.52	33.37
Electrical and electronic engineers	22.97	27.02	31.45	37.71	43.11
Industrial engineers	19.12	22.00	27.70	29.24	38.45
Mechanical engineers	22.27	22.27	28.87	34.00	36.53
Engineers, n.e.c.	21.88	28.02	35.17	39.15	43.81
Mathematical and computer scientists	25.39	28.37	32.38	39.23	47.59
Computer systems analysts and scientists	25.80	28.37	33.04	41.20	47.77
Operations and systems researchers and analysts	20.03	28.94	30.33	34.25	36.81
Natural scientists	21.12	23.28	29.51	41.52	47.97
Chemists, except biochemists	19.83	23.28	25.32	37.39	47.97
Medical scientists	29.02	29.51	36.37	49.41	49.41
Health related	17.81	22.03	25.90	31.95	35.52
Physicians	10.98	13.00	21.66	54.58	68.91
Registered nurses	21.98	23.01	27.25	31.95	35.06
Pharmacists	21.51	21.51	28.04	31.85	34.91
Dietitians	16.02	16.58	17.91	19.33	20.08
Respiratory therapists	20.16	21.14	23.12	23.63	23.63
Teachers, college and university	26.87	31.66	45.37	55.00	67.39
English teachers	52.86	52.86	52.86	60.51	77.04
Other post-secondary teachers	24.38	27.86	41.77	53.70	58.34
Teachers, except college and university	22.20	35.00	39.03	44.93	49.46
Prekindergarten and kindergarten	13.10	16.12	28.48	53.28	61.03
Elementary school teachers	24.08	35.39	41.95	48.22	54.95
Secondary school teachers	35.43	36.29	41.79	47.42	58.19
Teachers, special education	33.91	37.25	39.03	45.89	49.87
Teachers, n.e.c.	24.72	29.22	38.96	38.96	44.93
Vocational and educational counselors	10.40	12.50	31.56	44.69	44.69
Librarians, archivists, and curators	17.41	23.50	29.69	42.82	49.05
Librarians	17.41	21.90	29.68	33.12	49.05
Social scientists and urban planners	17.07	24.36	32.88	44.37	44.37
Economists	17.07	18.02	33.85	35.75	41.75
Psychologists	15.50	24.36	27.25	44.37	44.37
Social, recreation, and religious workers	14.56	18.27	22.70	26.09	28.65
Social workers	15.74	18.27	22.82	26.09	28.65
Lawyers and judges	30.13	30.13	37.03	57.98	58.66
Lawyers	30.13	30.13	37.03	57.98	58.66
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.14	19.76	28.87	38.91	50.21
Designers	19.62	21.61	27.25	34.62	38.89
Editors and reporters	15.08	21.56	28.27	47.89	65.47
Public relations specialists	15.14	17.83	21.53	21.63	33.35
Professional, n.e.c.	17.55	22.23	33.09	40.10	54.95
Technical	13.75	15.67	18.73	23.08	31.07
Clinical laboratory technologists and technicians	12.04	15.43	18.68	22.98	26.11
Radiological technicians	20.12	21.74	22.26	23.15	26.79
Licensed practical nurses	14.77	16.29	17.08	18.53	19.67
Health technologists and technicians, n.e.c.	12.63	14.28	15.67	17.41	24.17
Electrical and electronic technicians	13.49	15.19	19.82	20.94	28.57
Engineering technicians, n.e.c.	13.33	13.45	20.20	21.90	22.54
Computer programmers	18.00	21.15	25.51	37.71	37.71
Legal assistants	18.68	18.95	22.27	23.76	23.76
Technical and related, n.e.c.	16.16	19.07	22.41	24.72	31.07
Executive, administrative, and managerial	19.01	22.93	30.47	42.37	54.33
Executives, administrators, and managers	22.45	28.67	37.00	46.68	58.51
Administrators and officials, public administration	25.20	35.23	37.00	41.18	45.47
Financial managers	26.10	32.05	39.37	49.31	69.41
Personnel and labor relations managers	30.03	30.16	30.16	35.03	51.32

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Executives, administrators, and managers —Continued					
Managers, marketing, advertising, and public relations	\$27.16	\$33.76	\$42.19	\$50.63	\$69.94
Administrators, education and related fields	20.16	23.63	40.43	52.55	52.55
Managers, medicine and health	24.00	27.88	33.28	47.11	58.16
Managers, service organizations, n.e.c.	19.24	24.00	32.82	52.56	85.72
Managers and administrators, n.e.c.	22.11	28.34	36.44	46.31	56.67
Management related	16.26	19.45	25.29	31.44	42.37
Accountants and auditors	18.30	20.29	24.72	29.88	36.27
Other financial officers	16.02	21.01	28.20	52.79	72.80
Management analysts	19.78	22.66	31.49	36.68	39.00
Personnel, training, and labor relations specialists	19.74	20.53	23.63	28.60	38.82
Purchasing agents and buyers, n.e.c.	18.16	20.85	24.60	36.93	42.37
Inspectors and compliance officers, except construction	12.88	12.88	17.31	27.27	31.33
Management related, n.e.c.	17.59	19.01	23.08	29.03	34.66
Sales					
Supervisors, sales	8.00	10.46	15.93	23.39	34.29
Advertising and related sales	15.34	16.19	22.00	29.36	38.50
Advertising and related sales	16.27	17.84	21.44	24.00	24.00
Sales, other business services	13.00	16.97	19.40	30.58	41.91
Sales representatives, mining, manufacturing, and wholesale	15.63	16.59	28.23	41.01	47.46
Sales workers, apparel	6.66	6.86	8.00	9.98	16.04
Sales workers, radio, tv, hi-fi, and appliances	7.75	8.90	12.62	23.60	23.60
Sales workers, hardware and building supplies	12.15	12.15	13.88	23.39	30.00
Sales workers, other commodities	7.45	8.19	9.93	11.49	14.91
Cashiers	8.58	10.46	13.29	16.98	17.36
Sales support, n.e.c.	8.09	10.01	20.46	22.26	22.54
Administrative support, including clerical					
Supervisors, general office	10.03	12.02	14.97	17.95	21.79
Supervisors, general office	14.28	18.15	20.19	22.50	33.65
Supervisors, financial records processing	15.00	17.22	18.42	20.80	27.62
Supervisors, distribution, scheduling, and adjusting clerks	13.70	13.70	19.23	32.38	35.49
Computer operators	12.18	13.25	14.63	19.18	21.33
Secretaries	12.38	14.24	16.47	18.75	21.77
Stenographers	17.24	17.24	18.45	18.45	21.63
Typists	10.08	12.55	14.33	15.88	18.50
Interviewers	9.20	11.75	12.21	14.06	15.25
Hotel clerks	8.27	8.30	8.50	15.05	17.00
Transportation ticket and reservation agents	11.26	16.22	16.94	18.77	20.00
Receptionists	9.85	10.00	12.03	15.33	15.72
Order clerks	15.00	15.18	18.05	23.07	24.02
Personnel clerks, except payroll and timekeeping	10.00	12.08	13.95	14.16	19.13
Library clerks	11.52	11.52	12.45	16.11	18.19
File clerks	10.66	11.35	11.97	12.87	14.81
Records clerks, n.e.c.	10.53	12.65	13.66	14.93	19.47
Bookkeepers, accounting and auditing clerks	11.00	12.91	15.38	17.58	18.87
Payroll and timekeeping clerks	11.36	12.35	16.05	17.98	19.90
Billing clerks	11.00	11.12	12.74	14.91	17.82
Telephone operators	11.53	11.53	14.81	14.88	15.86
Mail clerks, except postal service	9.97	9.97	10.61	13.97	17.49
Messengers	5.47	5.47	8.29	11.65	14.84
Dispatchers	12.31	13.46	17.17	24.30	25.83
Traffic, shipping and receiving clerks	8.14	10.53	12.12	13.89	16.97
Stock and inventory clerks	11.54	12.96	15.00	16.36	18.34
Insurance adjusters, examiners, and investigators	10.51	11.32	16.00	22.79	24.96
Investigators and adjusters, except insurance	10.87	12.52	18.95	21.79	23.55
Eligibility clerks, social welfare	11.33	15.05	15.05	15.64	18.22
Bill and account collectors	10.99	10.99	16.97	21.93	26.99
General office clerks	10.17	12.35	14.49	17.68	20.65

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Administrative support, including clerical —Continued					
Bank tellers	\$9.21	\$9.25	\$10.16	\$12.13	\$13.43
Data entry keyers	9.00	9.50	10.37	13.17	14.81
Statistical clerks	11.33	11.33	14.17	15.32	19.73
Teachers' aides	6.30	9.04	11.01	12.82	14.31
Administrative support, n.e.c.	11.49	13.21	14.86	17.21	22.36
Blue collar	7.60	9.87	14.58	20.40	25.13
Precision production, craft, and repair					
Supervisors, mechanics and repairers	13.22	16.56	21.36	26.05	27.86
Automobile mechanics	18.54	20.32	25.05	29.08	29.93
Industrial machinery repairers	18.58	21.19	23.61	26.47	26.47
Heating, air conditioning, and refrigeration mechanics	14.60	16.42	18.98	19.47	23.41
Mechanics and repairers, n.e.c.	13.32	20.83	22.55	24.64	24.64
Supervisors, electricians and power transmission installers	15.67	17.63	18.55	21.47	23.85
Carpenters	19.90	19.90	34.37	34.93	39.00
Electricians	12.81	12.81	23.85	30.40	33.25
Painters, construction and maintenance	15.89	17.82	21.35	30.27	30.60
Plumbers, pipefitters and steamfitters	14.19	26.00	26.00	27.75	27.75
Construction trades, n.e.c.	17.84	17.84	23.76	25.13	32.76
Supervisors, production	13.93	16.35	16.35	25.06	27.60
Machinists	14.43	17.74	22.60	27.86	31.12
Electrical and electronic equipment assemblers ..	13.54	14.29	16.28	18.77	26.10
Miscellaneous precision workers, n.e.c.	8.45	8.45	12.58	16.42	16.42
Stationary engineers	14.58	19.66	26.92	26.92	36.78
	13.22	18.76	22.62	26.17	27.56
Machine operators, assemblers, and inspectors					
Punching and stamping press operators	6.65	8.24	10.00	12.89	16.00
Grinding, abrading, buffing, and polishing machine operators	6.08	6.08	10.33	12.00	13.62
Fabricating machine operators, n.e.c.	8.57	9.00	10.90	12.41	13.29
Textile sewing machine operators	7.78	8.32	9.65	15.39	16.50
Laundrying and dry cleaning machine operators	5.99	6.50	6.50	7.00	12.00
Packaging and filling machine operators	8.05	8.42	8.69	13.22	13.52
Mixing and blending machine operators	8.25	8.73	8.73	9.72	14.52
Folding machine operators	10.32	11.57	12.29	15.33	16.22
Photographic process machine operators	11.50	11.50	12.04	12.30	15.14
Miscellaneous machine operators, n.e.c.	8.64	10.59	11.41	11.91	13.83
Assemblers	8.32	9.09	12.41	14.87	18.68
Production inspectors, checkers and examiners ..	5.94	6.20	7.09	10.36	11.86
	8.00	8.93	10.07	12.87	14.21
Transportation and material moving					
Truck drivers	10.61	13.00	17.18	21.13	22.39
Driver-sales workers	12.80	14.88	16.75	17.19	24.40
Bus drivers	14.94	21.93	21.93	22.04	22.39
Taxicab drivers and chauffeurs	10.61	12.17	18.84	19.22	19.22
Motor transportation, n.e.c.	11.60	11.60	11.60	12.00	21.00
Industrial truck and tractor equipment operators ..	9.03	10.05	10.05	17.78	20.65
	7.89	9.88	16.62	17.93	17.93
Handlers, equipment cleaners, helpers, and laborers					
Groundskeepers and gardeners, except farm	6.50	8.71	12.92	17.01	20.40
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	11.00	11.00	12.18	13.25	19.22
Helpers, construction trades	9.69	9.69	17.81	20.90	26.64
Production helpers	13.56	13.56	13.56	16.43	18.50
Stock handlers and baggers	6.50	8.60	9.62	10.23	14.46
Freight, stock, and material handlers, n.e.c.	8.00	12.44	14.48	17.18	20.75
Hand packers and packagers	6.85	9.25	12.17	16.41	17.80
Laborers, except construction, n.e.c.	7.07	7.57	8.89	10.79	20.45
	5.84	8.43	11.21	15.00	16.75
Service					
Protective service	7.07	8.49	12.80	18.71	24.37
	8.51	15.52	21.12	24.37	31.53

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Service —Continued					
Protective service—Continued					
Supervisors, police and detectives	\$27.20	\$27.20	\$31.53	\$36.01	\$37.31
Police and detectives, public service	21.12	21.12	22.87	28.13	32.66
Sheriffs, bailiffs, and other law enforcement officers					
Correctional institution officers	19.19	19.19	22.92	24.35	24.35
Guards and police, except public service	17.87	18.45	18.71	23.17	23.17
Food service	6.29	6.61	10.70	14.59	16.44
Waiters, waitresses, and bartenders	4.30	7.01	9.60	12.60	16.13
Waiters and waitresses	3.00	4.30	7.56	8.44	12.36
Other food service	3.00	4.30	5.25	8.44	8.44
Supervisors, food preparation and service	6.50	8.20	10.51	12.87	16.29
Cooks	8.02	9.00	12.11	18.37	18.37
Food counter, fountain, and related	8.08	9.45	10.85	12.87	16.12
Kitchen workers, food preparation	6.66	8.46	9.00	9.60	12.58
Food preparation, n.e.c.	9.00	10.00	13.43	14.84	18.50
Health service	6.20	6.50	9.00	10.90	12.66
Health aides, except nursing	7.07	7.19	9.40	13.19	14.22
Nursing aides, orderlies and attendants	9.03	10.53	12.50	13.41	15.03
Cleaning and building service	7.07	7.19	8.25	12.86	14.05
Supervisors, cleaning and building service workers	8.50	10.69	12.91	15.95	17.44
Maids and housemen	15.98	16.88	19.25	21.06	24.66
Janitors and cleaners	8.25	9.00	13.28	16.26	16.27
Personal service	8.76	10.66	12.71	15.46	18.23
Public transportation attendants	7.20	8.08	10.24	15.00	34.48
Early childhood teachers' assistants	8.08	17.61	24.98	45.50	52.12
Child care workers, n.e.c.	8.59	9.78	10.72	14.50	14.50
Service, n.e.c.	7.93	7.93	8.20	8.91	10.57
	7.19	7.19	8.71	14.42	15.00

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$5.73	\$6.87	\$9.00	\$12.94	\$20.00
All excluding sales	5.65	7.00	9.60	14.00	22.35
White collar	6.38	7.45	10.54	16.34	28.00
White collar excluding sales	8.12	10.25	15.00	22.35	35.00
Professional specialty and technical	11.38	17.00	22.39	31.37	66.61
Professional specialty	11.38	18.98	25.48	35.00	80.00
Engineers, architects, and surveyors	—	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—
Health related	21.00	22.39	26.22	34.66	50.35
Physicians	50.35	50.35	60.00	69.58	79.84
Registered nurses	21.00	22.35	25.57	28.32	35.00
Teachers, college and university	19.58	44.20	66.61	171.23	171.23
Teachers, except college and university	8.12	11.38	14.37	18.98	27.77
Elementary school teachers	18.98	18.98	18.98	24.57	27.77
Teachers, n.e.c.	8.12	14.37	15.03	15.71	38.81
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	10.82	14.50	14.50	18.00	25.48
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	8.00	9.00	15.50	17.60	17.60
Athletes	8.00	9.00	15.50	15.50	16.29
Technical	11.00	13.45	17.47	20.17	22.88
Licensed practical nurses	15.00	17.10	18.54	20.17	20.25
Health technologists and technicians, n.e.c.	11.00	11.46	13.45	17.20	18.67
Executive, administrative, and managerial	10.45	20.00	21.07	24.90	42.13
Executives, administrators, and managers	10.45	21.07	24.72	42.13	60.80
Management related	—	—	—	—	—
Sales	6.25	6.45	7.01	8.33	9.35
Sales workers, apparel	6.50	6.57	7.22	9.35	9.98
Sales workers, other commodities	5.24	6.28	6.90	8.00	8.50
Cashiers	6.25	6.45	6.83	8.33	8.88
Sales support, n.e.c.	6.18	6.23	7.01	8.90	11.55
Administrative support, including clerical	6.50	9.38	11.00	16.00	16.34
Secretaries	8.90	16.00	16.00	16.00	19.50
Interviewers	10.72	12.50	12.60	13.34	13.98
Receptionists	7.75	7.77	8.25	10.30	13.65
Library clerks	7.37	11.00	11.00	11.75	12.45
Bookkeepers, accounting and auditing clerks	6.96	8.61	8.78	10.25	13.93
General office clerks	5.15	5.15	8.50	10.29	12.80
Bank tellers	9.95	10.00	10.72	10.92	11.83
Data entry keyers	9.17	9.17	11.33	11.33	11.33
Administrative support, n.e.c.	6.00	6.00	11.58	13.20	14.50
Blue collar	5.73	6.67	9.00	13.38	20.00
Precision production, craft, and repair	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	5.25	8.50	12.24	13.91	14.05
Truck drivers	8.50	11.43	13.91	13.91	14.05
Handlers, equipment cleaners, helpers, and laborers	5.73	6.00	7.49	8.45	12.00
Stock handlers and baggers	5.52	6.52	7.32	7.75	8.45
Freight, stock, and material handlers, n.e.c.	6.00	7.25	9.68	12.39	12.39
Service	5.40	6.25	7.96	9.50	12.35
Protective service	6.45	8.98	8.98	12.35	12.83
Guards and police, except public service	6.45	8.98	8.98	8.98	10.40
Food service	3.40	5.40	5.80	7.70	9.67
Waiters, waitresses, and bartenders	2.90	3.05	4.35	5.65	7.36
Waiters and waitresses	2.90	2.90	4.35	6.89	7.36
Waiters/Waitresses' assistants	3.00	3.40	3.50	4.20	5.65

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999** — Continued

Occupation ³	10	25	Median 50	75	90
Service —Continued					
Food service —Continued					
Other food service	\$5.40	\$5.60	\$6.50	\$8.24	\$9.67
Kitchen workers, food preparation	6.25	6.99	7.70	7.92	8.24
Food preparation, n.e.c.	5.40	5.45	5.80	8.00	9.67
Health service	6.89	7.70	8.92	11.07	12.80
Health aides, except nursing	6.09	6.73	8.01	13.43	13.99
Nursing aides, orderlies and attendants	7.07	7.70	8.92	10.59	12.80
Cleaning and building service	6.25	6.87	6.87	9.65	13.50
Janitors and cleaners	6.25	6.87	6.87	9.37	13.50
Personal service	7.05	8.26	9.44	9.44	11.83
Child care workers, n.e.c.	8.28	8.74	9.44	9.44	9.44
Service, n.e.c.	3.19	6.00	8.26	8.26	15.00

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 New York–Northern New Jersey–Long Island, NY–NJ–CT–PA, Metropolitan Statistical Area includes:

- Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, and Westchester Counties, NY
- Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union, and Warren Counties, NJ
- Fairfield County, eight towns in Litchfield County, two towns in Middlesex County, and New Haven County, CT
- Pike County, PA

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 avail-

able 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 nota-

bly 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	1039
Responding	607
Out of business or not in survey scope	85
Unable or refused to pro- vide data	347

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	4,292,000	3,185,000	1,107,000
All excluding sales	4,043,800	2,940,600	1,103,100
White collar	2,604,000	1,903,300	700,700
White-collar excluding sales	2,355,700	1,658,900	696,800
Professional specialty and technical	969,600	581,700	388,000
Professional specialty	813,600	452,200	361,400
Technical	156,000	129,500	26,500
Executive, administrative, and managerial	474,000	364,600	109,400
Sales	248,200	244,400	—
Administrative support, including clerical	912,100	712,700	199,400
Blue collar	791,900	675,200	116,700
Precision production, craft, and repair	220,200	177,800	42,400
Machine operators, assemblers, and inspectors	218,600	216,000	—
Transportation and material moving	152,000	109,200	42,800
Handlers, equipment cleaners, helpers, and laborers	201,200	172,200	29,000
Service	896,100	606,500	289,600

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 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	21,800	607	141	466	230	236
Private industry	20,600	520	135	385	210	175
Goods-producing industries	4,400	111	35	76	47	29
Mining	(³)	3	1	2	2	-
Construction	500	11	4	7	6	1
Manufacturing	3,800	97	30	67	39	28
Service-producing industries	16,200	409	100	309	163	146
Transportation and public utilities	1,200	43	6	37	20	17
Wholesale and retail trade	6,000	96	42	54	46	8
Finance, insurance and real estate	2,100	43	9	34	11	23
Services	6,900	227	43	184	86	98
State and local government	1,200	87	6	81	20	61

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999**

Occupation ²	All workers	Full-time workers	Part-time workers
All	5	6	3
All excluding sales	5	6	3
White collar	7	7	4
White collar excluding sales	7	7	5
Professional specialty and technical	9	9	8
Professional specialty	9	9	8
Engineers, architects, and surveyors	11	11	—
Chemical engineers	11	11	—
Civil engineers	11	11	—
Electrical and electronic engineers	11	11	—
Industrial engineers	10	10	—
Mechanical engineers	9	9	—
Engineers, n.e.c.	12	11	—
Mathematical and computer scientists	11	11	—
Computer systems analysts and scientists	11	11	—
Operations and systems researchers and analysts	9	11	—
Natural scientists	10	10	—
Chemists, except biochemists	10	10	—
Medical scientists	11	11	—
Health related	9	9	9
Physicians	10	10	13
Registered nurses	9	9	9
Pharmacists	9	10	—
Dietitians	7	7	—
Respiratory therapists	7	7	—
Teachers, college and university	11	11	8
Medical science teachers	8	—	—
English teachers	13	13	—
Other post-secondary teachers	11	12	—
Teachers, except college and university	9	9	7
Prekindergarten and kindergarten	7	8	—
Elementary school teachers	9	9	7
Secondary school teachers	9	9	—
Teachers, special education	9	9	—
Teachers, n.e.c.	9	9	6
Substitute teachers	7	—	—
Vocational and educational counselors	8	9	—
Librarians, archivists, and curators	9	9	—
Librarians	9	9	—
Social scientists and urban planners	9	9	—
Economists	10	10	—
Psychologists	9	9	—
Social, recreation, and religious workers	9	9	7
Social workers	9	9	—
Recreation workers	8	—	—
Lawyers and judges	10	9	—
Lawyers	10	9	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	8	9	—
Designers	9	9	—
Editors and reporters	9	9	—
Public relations specialists	9	9	—
Athletes	—	—	—
Professional, n.e.c.	11	11	—
Technical	7	7	6
Clinical laboratory technologists and technicians	7	7	—
Radiological technicians	7	7	—
Licensed practical nurses	6	6	7
Health technologists and technicians, n.e.c.	6	6	6
Electrical and electronic technicians	8	8	—
Engineering technicians, n.e.c.	8	8	—
Computer programmers	9	9	—
Legal assistants	7	7	—
Technical and related, n.e.c.	8	8	—
Executive, administrative, and managerial	9	9	8

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 —**
Continued

Occupation ²	All workers	Full-time workers	Part-time workers
White collar —Continued			
Executive, administrative, and managerial —Continued			
Executives, administrators, and managers	11	11	8
Administrators and officials, public administration	11	11	—
Financial managers	11	11	—
Personnel and labor relations managers	11	11	—
Managers, marketing, advertising, and public relations	12	12	—
Administrators, education and related fields	12	12	—
Managers, medicine and health	11	11	—
Managers, service organizations, n.e.c.	9	9	—
Managers and administrators, n.e.c.	10	10	—
Management related	9	9	—
Accountants and auditors	9	9	—
Other financial officers	10	10	—
Management analysts	10	10	—
Personnel, training, and labor relations specialists	8	8	—
Purchasing agents and buyers, n.e.c.	9	9	—
Construction inspectors	8	—	—
Inspectors and compliance officers, except construction	8	8	—
Management related, n.e.c.	8	8	—
Sales	4	5	3
Supervisors, sales	8	8	—
Advertising and related sales	8	8	—
Sales, other business services	5	5	—
Sales representatives, mining, manufacturing, and wholesale	8	8	—
Sales workers, apparel	1	1	1
Sales workers, radio, tv, hi-fi, and appliances	5	5	—
Sales workers, hardware and building supplies	—	4	—
Sales workers, other commodities	4	4	3
Cashiers	3	3	3
Sales support, n.e.c.	4	6	3
Administrative support, including clerical	4	4	3
Supervisors, general office	6	6	—
Supervisors, financial records processing	7	7	—
Supervisors, distribution, scheduling, and adjusting clerks	8	8	—
Computer operators	5	5	—
Secretaries	5	5	6
Stenographers	5	4	—
Typists	4	4	—
Interviewers	4	4	4
Hotel clerks	3	3	—
Transportation ticket and reservation agents	3	3	—
Receptionists	3	3	2
Order clerks	4	4	—
Personnel clerks, except payroll and timekeeping	5	5	—
Library clerks	3	3	3
File clerks	2	3	—
Records clerks, n.e.c.	4	4	—
Bookkeepers, accounting and auditing clerks	5	5	4
Payroll and timekeeping clerks	5	5	—
Billing clerks	4	4	—
Telephone operators	2	2	—
Mail clerks, except postal service	4	4	—
Messengers	1	1	—
Dispatchers	4	4	—
Traffic, shipping and receiving clerks	4	4	—
Stock and inventory clerks	3	4	—
Material recording, scheduling, and distribution clerks, n.e.c.	4	—	—
Insurance adjusters, examiners, and investigators	5	5	—
Investigators and adjusters, except insurance	4	4	—
Eligibility clerks, social welfare	—	—	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999 —**
Continued

Occupation ²	All workers	Full-time workers	Part-time workers
White collar —Continued			
Administrative support, including clerical —Continued			
Bill and account collectors	5	5	—
General office clerks	4	4	3
Bank tellers	3	3	3
Data entry keyers	3	3	3
Statistical clerks	4	4	—
Teachers' aides	5	4	—
Administrative support, n.e.c.	4	4	3
Blue collar	4	4	2
Precision production, craft, and repair			
Supervisors, mechanics and repairers	7	7	—
Automobile mechanics	8	8	—
Industrial machinery repairers	7	7	—
Heating, air conditioning, and refrigeration mechanics ...	7	7	—
Mechanics and repairers, n.e.c.	7	7	—
Supervisors, electricians and power transmission installers	7	7	—
Carpenters	7	7	—
Electricians	7	7	—
Painters, construction and maintenance	6	6	—
Plumbers, pipefitters and steamfitters	7	7	—
Construction trades, n.e.c.	5	5	—
Supervisors, production	7	7	—
Machinists	7	7	—
Electrical and electronic equipment assemblers	4	4	—
Miscellaneous precision workers, n.e.c.	7	7	—
Stationary engineers	7	7	—
Machine operators, assemblers, and inspectors			
Punching and stamping press operators	3	3	—
Grinding, abrading, buffing, and polishing machine operators	1	1	—
Fabricating machine operators, n.e.c.	2	2	—
Textile sewing machine operators	3	3	—
Laundry and dry cleaning machine operators	1	1	—
Packaging and filling machine operators	4	4	—
Mixing and blending machine operators	4	4	—
Folding machine operators	4	4	—
Photographic process machine operators	3	3	—
Miscellaneous machine operators, n.e.c.	4	4	—
Assemblers	2	2	—
Production inspectors, checkers and examiners	3	3	—
Transportation and material moving			
Truck drivers	4	4	4
Driver-sales workers	6	6	—
Bus drivers	4	4	—
Taxicab drivers and chauffeurs	—	4	—
Motor transportation, n.e.c.	2	2	—
Industrial truck and tractor equipment operators	4	4	—
Miscellaneous material moving equipment operators, n.e.c.	5	—	—
Handlers, equipment cleaners, helpers, and laborers			
Groundskeepers and gardeners, except farm	2	3	1
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	4	5	—
Helpers, construction trades	7	7	—
Production helpers	4	4	—
Stock handlers and baggers	3	3	—
Freight, stock, and material handlers, n.e.c.	2	3	2
Hand packers and packagers	3	3	2
	2	2	—

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, New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Blue collar —Continued			
Handlers, equipment cleaners, helpers, and laborers			
—Continued			
Laborers, except construction, n.e.c.	2	2	—
Service	3	3	2
Protective service	7	7	3
Supervisors, police and detectives	10	10	—
Police and detectives, public service	8	8	—
Sheriffs, bailiffs, and other law enforcement officers	7	8	—
Correctional institution officers	7	7	—
Guards and police, except public service	3	3	3
Protective service, n.e.c.	3	—	—
Food service	2	3	2
Waiters, waitresses, and bartenders	2	3	2
Bartenders	3	—	—
Waiters and waitresses	2	3	2
Waiters'/Waitresses' assistants	1	—	1
Other food service	2	3	2
Supervisors, food preparation and service	5	5	—
Cooks	4	4	—
Food counter, fountain, and related	3	2	—
Kitchen workers, food preparation	3	3	3
Food preparation, n.e.c.	2	2	2
Health service	3	3	3
Health aides, except nursing	3	3	3
Nursing aides, orderlies and attendants	3	3	3
Cleaning and building service	1	2	1
Supervisors, cleaning and building service workers	6	6	—
Maids and housemen	1	1	—
Janitors and cleaners	1	2	1
Personal service	4	4	2
Attendants, amusement, and recreation facilities	2	—	—
Public transportation attendants	5	5	—
Welfare service aides	4	—	—
Early childhood teachers' assistants	4	4	—
Child care workers, n.e.c.	3	4	2
Service, n.e.c.	1	1	1

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.