

Providence–Fall River–Warwick, RI–MA National Compensation Survey December 2002



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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://www.bls.gov/ncs/ocs/compub.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 Providence–Fall River–Warwick, RI–MA, metropolitan area. Data were collected between June 2002 and July 2003; the average reference month is December 2002. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and several appendixes with detailed information on occupational classifications and the occupational leveling methodology.

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). 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 within the private sector.

Tables 6–1 through 6–5 present hourly wage percentiles that describe the distribution of hourly earnings for individual workers within each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, State and local government, full-time workers, and part-time workers. These iterations correspond to those presented in tables 2–1, 2–2, and 2–3.

Appendix table 1 provides the number of workers represented by the survey by major occupational group. The employment estimates relate to all employers in the area, rather than just to those surveyed.

Table 1-1. Summary: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³
	Mean	Relative error ² (percent)		Mean	Relative error ² (percent)		Mean	Relative error ² (percent)	
Total	\$18.99	3.3	35.3	\$16.87	3.3	35.2	\$27.09	4.9	35.5
Worker characteristics:⁴									
White-collar occupations ⁵	23.76	3.9	34.9	21.05	4.5	35.0	31.41	4.5	34.7
Professional specialty and technical	30.13	3.2	34.9	26.94	3.9	35.2	37.76	3.5	34.2
Executive, administrative, and managerial	31.38	5.5	37.9	29.17	2.8	39.0	34.67	12.4	36.4
Sales	12.12	12.6	31.0	12.12	12.6	31.0	—	—	—
Administrative support	15.40	3.5	35.5	14.67	3.7	36.0	17.51	4.0	34.3
Blue-collar occupations ⁵	14.10	4.0	37.8	13.88	4.3	37.7	17.04	4.6	39.5
Precision production, craft, and repair	18.46	6.3	39.7	18.48	7.2	39.7	18.31	3.5	39.7
Machine operators, assemblers, and inspectors	11.70	6.4	39.7	11.67	6.5	39.7	—	—	—
Transportation and material moving	14.46	7.9	33.4	14.50	8.0	33.5	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.88	9.0	32.2	11.28	11.2	31.0	—	—	—
Service occupations ⁵	12.72	3.4	32.5	10.32	5.2	31.3	18.94	4.0	36.4
Full time	19.91	3.5	38.7	17.68	3.6	39.5	27.43	4.9	36.2
Part time	11.87	4.1	21.0	11.88	4.3	21.1	11.62	6.7	19.1
Union	21.79	5.6	34.6	16.78	6.9	33.1	25.86	5.0	35.9
Nonunion	17.77	3.7	35.6	16.88	3.8	35.7	32.13	8.2	34.0
Time	19.07	3.3	35.2	16.93	3.1	35.2	27.09	4.9	35.5
Incentive	—	—	—	—	—	—	—	—	—
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	—	—	—	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	17.49	4.6	33.0	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	14.09	7.5	35.1	13.73	7.6	35.0	—	—	—
100-499 workers	16.20	6.3	34.9	15.45	6.0	35.0	23.55	12.5	34.4
500 workers or more	24.47	4.7	35.8	21.69	6.2	35.9	28.44	5.6	35.8

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

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

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

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

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

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

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

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

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

Table 2-1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$18.99	3.3	\$16.87	3.3	\$27.09	4.9
All excluding sales	19.52	3.3	17.34	3.2	27.09	4.9
White collar	23.76	3.9	21.05	4.5	31.41	4.5
White collar excluding sales	25.60	3.1	23.07	3.7	31.41	4.5
Professional specialty and technical	30.13	3.2	26.94	3.9	37.76	3.5
Professional specialty	32.63	2.6	29.47	4.6	37.94	3.9
Engineers, architects, and surveyors	29.19	3.5	29.11	3.8	—	—
Mathematical and computer scientists	34.22	4.6	34.22	4.6	—	—
Computer systems analysts and scientists	33.20	2.5	33.20	2.5	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.93	4.0	28.88	4.3	29.53	.5
Physicians	44.14	13.9	44.14	13.9	—	—
Registered nurses	26.74	1.8	26.44	2.0	29.53	.5
Teachers, college and university	56.69	2.7	—	—	—	—
Teachers, except college and university	38.07	3.5	—	—	39.06	4.7
Elementary school teachers	38.84	7.8	—	—	38.84	7.8
Secondary school teachers	37.36	4.5	—	—	38.04	5.6
Teachers, special education	39.52	8.6	—	—	39.52	8.6
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	18.49	9.7	15.64	4.8	—	—
Social workers	18.48	9.8	15.58	4.8	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	21.14	5.8	21.17	5.9	—	—
Clinical laboratory technologists and technicians	22.38	11.4	22.98	11.7	—	—
Radiological technicians	25.74	7.8	25.74	7.8	—	—
Licensed practical nurses	20.48	4.7	20.44	4.8	—	—
Executive, administrative, and managerial	31.38	5.5	29.17	2.8	34.67	12.4
Executives, administrators, and managers	34.50	7.4	30.72	6.4	39.95	10.6
Administrators, education and related fields	46.28	7.1	—	—	46.90	7.3
Managers and administrators, n.e.c.	36.32	6.9	36.69	9.1	—	—
Management related	23.15	8.7	25.26	11.2	—	—
Accountants and auditors	25.52	12.5	—	—	—	—
Management related, n.e.c.	18.18	11.4	—	—	—	—
Sales	12.12	12.6	12.12	12.6	—	—
Cashiers	8.10	2.1	8.10	2.1	—	—
Administrative support, including clerical	15.40	3.5	14.67	3.7	17.51	4.0
Secretaries	15.25	6.7	14.77	3.6	16.84	21.5
Typists	16.97	2.5	—	—	—	—
Receptionists	12.61	3.3	12.19	4.0	—	—
Records clerks, n.e.c.	13.42	9.1	—	—	—	—
Investigators and adjusters, except insurance	14.62	14.0	14.62	14.0	—	—
General office clerks	14.83	4.4	14.73	5.1	—	—
Teachers' aides	13.76	4.8	—	—	13.73	5.2
Administrative support, n.e.c.	19.87	4.6	—	—	—	—
Blue collar	14.10	4.0	13.88	4.3	17.04	4.6
Precision production, craft, and repair	18.46	6.3	18.48	7.2	18.31	3.5
Industrial machinery repairers	15.84	7.4	15.84	7.4	—	—
Supervisors, production	19.07	5.8	19.07	5.8	—	—
Electrical and electronic equipment assemblers ..	10.95	5.2	10.95	5.2	—	—
Machine operators, assemblers, and inspectors	11.70	6.4	11.67	6.5	—	—
Winding and twisting machine operators	11.96	7.4	11.96	7.4	—	—
Miscellaneous machine operators, n.e.c.	11.66	2.3	11.66	2.3	—	—
Assemblers	9.68	5.7	9.68	5.7	—	—
Transportation and material moving	14.46	7.9	14.50	8.0	—	—

See footnotes at end of table.

Table 2-1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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						
Transportation and material moving —Continued						
Truck drivers	\$16.75	3.1	\$16.75	3.1	—	—
Industrial truck and tractor equipment operators ..	14.52	8.9	14.52	8.9	—	—
Handlers, equipment cleaners, helpers, and laborers	11.88	9.0	11.28	11.2	—	—
Stock handlers and baggers	11.01	12.8	11.01	12.8	—	—
Freight, stock, and material handlers, n.e.c.	11.24	9.8	11.24	9.8	—	—
Hand packers and packagers	8.18	9.0	8.18	9.0	—	—
Laborers, except construction, n.e.c.	11.57	7.6	10.65	8.6	—	—
Service	12.72	3.4	10.32	5.2	\$18.94	4.0
Protective service	18.21	12.1	—	—	21.21	3.5
Police and detectives, public service	21.41	1.3	—	—	21.41	1.3
Food service	8.91	5.0	8.38	5.8	13.96	4.9
Waiters, waitresses, and bartenders	6.19	7.1	6.19	7.1	—	—
Other food service	10.04	5.9	9.43	7.0	13.96	4.9
Cooks	12.46	6.6	12.41	8.0	—	—
Kitchen workers, food preparation	9.24	9.4	—	—	—	—
Food preparation, n.e.c.	9.10	11.5	—	—	—	—
Health service	12.04	6.1	11.86	7.1	—	—
Nursing aides, orderlies and attendants	11.31	2.3	10.96	2.7	—	—
Cleaning and building service	10.95	4.0	9.88	1.9	15.58	4.7
Maids and housemen	9.43	4.5	9.43	4.5	—	—
Janitors and cleaners	11.55	5.4	10.12	3.1	15.58	4.7
Personal service	12.81	10.8	11.25	15.1	—	—

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

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

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

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

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

Table 2-2. Mean hourly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$19.91	3.5	\$17.68	3.6	\$27.43	4.9
All excluding sales	20.28	3.4	17.98	3.4	27.43	4.9
White collar	24.78	4.1	21.99	5.1	31.68	4.4
White collar excluding sales	26.07	3.3	23.40	4.1	31.68	4.4
Professional specialty and technical	30.51	3.5	27.09	4.6	37.76	3.5
Professional specialty	33.20	2.8	29.92	5.3	37.94	3.9
Engineers, architects, and surveyors	29.19	3.5	29.11	3.8	—	—
Mathematical and computer scientists	34.12	4.7	34.12	4.7	—	—
Computer systems analysts and scientists	33.07	2.5	33.07	2.5	—	—
Natural scientists	—	—	—	—	—	—
Health related	29.72	5.1	29.74	5.6	29.53	.5
Physicians	44.14	13.9	44.14	13.9	—	—
Registered nurses	26.69	2.0	26.22	2.2	29.53	.5
Teachers, college and university	56.69	2.7	—	—	—	—
Teachers, except college and university	38.12	3.5	—	—	39.06	4.7
Elementary school teachers	38.84	7.8	—	—	38.84	7.8
Secondary school teachers	37.36	4.5	—	—	38.04	5.6
Teachers, special education	39.52	8.6	—	—	39.52	8.6
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	17.99	11.7	14.62	9.8	—	—
Social workers	17.98	11.9	14.53	9.9	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	21.18	6.2	21.21	6.3	—	—
Licensed practical nurses	20.43	4.9	20.38	5.0	—	—
Executive, administrative, and managerial	31.56	5.5	29.45	2.8	34.67	12.4
Executives, administrators, and managers	34.50	7.4	30.72	6.4	39.95	10.6
Administrators, education and related fields	46.28	7.1	—	—	46.90	7.3
Managers and administrators, n.e.c.	36.32	6.9	36.69	9.1	—	—
Management related	23.52	8.9	26.01	11.1	—	—
Accountants and auditors	25.52	12.5	—	—	—	—
Management related, n.e.c.	18.18	11.4	—	—	—	—
Sales	13.81	17.2	13.81	17.2	—	—
Administrative support, including clerical	15.77	3.7	15.01	4.1	17.80	4.2
Secretaries	15.61	7.3	15.18	4.1	16.84	21.5
Typists	16.97	2.5	—	—	—	—
Receptionists	12.93	2.5	—	—	—	—
Investigators and adjusters, except insurance	15.22	13.2	15.22	13.2	—	—
General office clerks	15.00	4.5	14.92	5.1	—	—
Teachers' aides	13.76	4.8	—	—	13.73	5.2
Administrative support, n.e.c.	20.41	3.0	—	—	—	—
Blue collar	14.44	4.0	14.23	4.2	17.04	4.6
Precision production, craft, and repair	18.48	6.3	18.50	7.2	18.31	3.5
Industrial machinery repairers	15.84	7.4	15.84	7.4	—	—
Supervisors, production	19.07	5.8	19.07	5.8	—	—
Electrical and electronic equipment assemblers ..	10.95	5.2	10.95	5.2	—	—
Machine operators, assemblers, and inspectors	11.83	6.2	11.81	6.3	—	—
Winding and twisting machine operators	11.96	7.4	11.96	7.4	—	—
Miscellaneous machine operators, n.e.c.	11.66	2.3	11.66	2.3	—	—
Transportation and material moving	15.36	6.5	15.43	6.5	—	—
Truck drivers	16.75	3.1	16.75	3.1	—	—
Industrial truck and tractor equipment operators ..	14.52	8.9	14.52	8.9	—	—
Handlers, equipment cleaners, helpers, and laborers	12.90	9.6	12.35	12.3	—	—
Freight, stock, and material handlers, n.e.c.	11.67	9.0	11.67	9.0	—	—

See footnotes at end of table.

Table 2-2. Mean hourly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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						
Hand packers and packagers	\$8.39	10.7	\$8.39	10.7	—	—
Laborers, except construction, n.e.c.	11.44	8.8	10.40	10.9	—	—
Service	13.93	4.4	11.05	5.9	\$19.37	4.1
Protective service	18.44	12.7	—	—	21.60	3.3
Police and detectives, public service	21.41	1.3	—	—	21.41	1.3
Food service	11.15	8.6	10.49	10.5	—	—
Other food service	11.96	7.7	11.26	10.4	—	—
Cooks	12.88	7.5	12.91	9.4	—	—
Health service	12.23	7.8	11.98	9.4	—	—
Health aides, except nursing	13.95	9.8	13.95	9.8	—	—
Nursing aides, orderlies and attendants	11.27	3.3	10.73	4.2	—	—
Cleaning and building service	11.69	6.3	10.49	3.6	15.88	3.8
Janitors and cleaners	12.50	5.8	10.92	4.6	15.88	3.8
Personal service	13.26	10.8	11.21	16.6	—	—

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

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

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

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

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Table 2-3. Mean hourly earnings,¹ part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

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	\$11.87	4.1	\$11.88	4.3	\$11.62	6.7
All excluding sales	12.72	5.3	12.77	5.5	11.62	6.7
White collar	15.04	5.0	15.15	5.1	—	—
White collar excluding sales	19.56	6.3	20.03	6.5	—	—
Professional specialty and technical	25.82	2.0	25.82	2.0	—	—
Professional specialty	26.69	2.1	26.69	2.1	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	26.43	2.1	26.43	2.1	—	—
Registered nurses	26.84	2.4	26.84	2.4	—	—
Teachers, except college and university	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Technical	20.42	.2	20.42	.2	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	8.36	5.1	8.36	5.1	—	—
Cashiers	7.94	2.3	7.94	2.3	—	—
Administrative support, including clerical	11.92	4.8	11.92	5.5	—	—
Secretaries	12.52	10.6	12.52	10.6	—	—
Blue collar	9.07	13.0	9.07	13.0	—	—
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	7.75	4.2	7.75	4.2	—	—
Stock handlers and baggers	7.40	1.8	7.40	1.8	—	—
Service	8.88	5.2	8.71	5.6	11.38	5.5
Protective service	—	—	—	—	—	—
Food service	6.52	6.6	6.50	6.7	—	—
Other food service	7.75	9.5	7.73	9.6	—	—
Health service	11.56	1.9	11.56	1.9	—	—
Nursing aides, orderlies and attendants	11.39	1.8	11.39	1.8	—	—
Cleaning and building service	7.84	5.6	7.85	5.9	—	—
Janitors and cleaners	7.95	7.8	7.98	8.2	—	—
Personal service	—	—	—	—	—	—

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.

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

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

Table 3-1. Mean weekly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

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	\$771	3.2	38.7	\$699	3.5	39.5	\$994	4.1	36.2
All excluding sales	784	3.0	38.6	710	3.3	39.5	994	4.1	36.2
White collar	942	3.7	38.0	866	4.9	39.4	1,108	4.2	35.0
White collar excluding sales	985	3.0	37.8	919	3.9	39.3	1,108	4.2	35.0
Professional specialty and technical	1,142	2.9	37.4	1,061	4.4	39.2	1,290	3.5	34.2
Professional specialty	1,226	3.0	36.9	1,171	5.5	39.1	1,295	3.9	34.1
Engineers, architects, and surveyors	1,156	3.4	39.6	1,165	3.8	40.0	-	-	-
Mathematical and computer scientists	1,309	1.5	38.3	1,309	1.5	38.3	-	-	-
Computer systems analysts and scientists	1,276	1.6	38.6	1,276	1.6	38.6	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-
Health related	1,169	6.0	39.3	1,172	6.6	39.4	1,140	.9	38.6
Physicians	1,998	16.4	45.3	1,998	16.4	45.3	-	-	-
Registered nurses	1,021	2.2	38.3	1,002	2.4	38.2	1,140	.9	38.6
Teachers, college and university	2,038	3.0	36.0	-	-	-	-	-	-
Teachers, except college and university	1,273	3.2	33.4	-	-	-	1,291	4.0	33.1
Elementary school teachers ...	1,272	7.5	32.7	-	-	-	1,272	7.5	32.7
Secondary school teachers ...	1,241	4.6	32.2	-	-	-	1,249	5.3	32.8
Teachers, special education ...	1,274	8.4	32.2	-	-	-	1,274	8.4	32.2
Librarians, archivists, and curators	-	-	-	-	-	-	-	-	-
Social scientists and urban planners	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers	670	9.7	37.2	556	6.4	38.0	-	-	-
Social workers	669	9.9	37.2	552	6.5	38.0	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	-	-	-	-	-	-	-	-	-
Technical	831	6.2	39.2	833	6.3	39.3	-	-	-
Licensed practical nurses	791	1.6	38.7	789	1.6	38.7	-	-	-
Executive, administrative, and managerial	1,207	5.7	38.2	1,166	2.8	39.6	1,262	12.7	36.4
Executives, administrators, and managers	1,329	6.6	38.5	1,220	5.8	39.7	1,475	10.4	36.9
Administrators, education and related fields	1,750	3.8	37.8	-	-	-	1,769	3.8	37.7
Managers and administrators, n.e.c.	1,398	7.9	38.5	1,460	9.1	39.8	-	-	-
Management related	881	9.5	37.5	1,022	11.0	39.3	-	-	-
Accountants and auditors	1,018	12.5	39.9	-	-	-	-	-	-
Management related, n.e.c.	672	11.2	37.0	-	-	-	-	-	-
Sales	552	17.6	40.0	552	17.6	40.0	-	-	-
Administrative support, including clerical	600	3.3	38.0	589	3.9	39.2	626	4.9	35.1
Secretaries	602	6.3	38.6	602	4.2	39.7	603	19.7	35.8
Typists	634	3.8	37.4	-	-	-	-	-	-
Receptionists	494	2.9	38.2	-	-	-	-	-	-
Investigators and adjusters, except insurance	608	13.2	39.9	608	13.2	39.9	-	-	-
General office clerks	571	4.5	38.1	573	4.9	38.4	-	-	-
Teachers' aides	442	8.4	32.2	-	-	-	437	9.3	31.8
Administrative support, n.e.c.	727	2.0	35.6	-	-	-	-	-	-

See footnotes at end of table.

Table 3-1. Mean weekly earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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	\$575	3.9	39.8	\$567	4.2	39.8	\$674	5.1	39.5
Precision production, craft, and repair	737	6.2	39.9	738	7.1	39.9	726	3.2	39.7
Industrial machinery repairers	631	7.5	39.9	631	7.5	39.9	—	—	—
Supervisors, production	763	5.8	40.0	763	5.8	40.0	—	—	—
Electrical and electronic equipment assemblers	438	5.2	40.0	438	5.2	40.0	—	—	—
Machine operators, assemblers, and inspectors	471	6.2	39.8	470	6.2	39.8	—	—	—
Winding and twisting machine operators	474	6.7	39.7	474	6.7	39.7	—	—	—
Miscellaneous machine operators, n.e.c.	459	3.5	39.4	459	3.5	39.4	—	—	—
Transportation and material moving	610	6.8	39.7	617	6.5	40.0	—	—	—
Truck drivers	670	3.1	40.0	670	3.1	40.0	—	—	—
Industrial truck and tractor equipment operators	581	8.9	40.0	581	8.9	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	515	9.5	39.9	493	12.3	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	467	9.0	40.0	467	9.0	40.0	—	—	—
Hand packers and packagers	336	10.7	40.0	336	10.7	40.0	—	—	—
Laborers, except construction, n.e.c.	458	8.8	40.0	416	10.9	40.0	—	—	—
Service	545	3.8	39.1	433	6.0	39.2	755	3.2	39.0
Protective service	730	12.3	39.6	—	—	—	856	2.1	39.6
Police and detectives, public service	851	1.7	39.7	—	—	—	851	1.7	39.7
Food service	424	11.8	38.0	402	14.3	38.4	—	—	—
Other food service	467	10.4	39.1	450	13.9	40.0	—	—	—
Cooks	464	9.7	36.1	486	12.4	37.7	—	—	—
Health service	477	8.3	39.0	467	10.0	39.0	—	—	—
Health aides, except nursing ..	550	10.9	39.4	550	10.9	39.4	—	—	—
Nursing aides, orderlies and attendants	438	3.1	38.8	415	4.5	38.7	—	—	—
Cleaning and building service	464	6.0	39.6	417	3.1	39.8	622	2.3	39.2
Janitors and cleaners	494	5.6	39.5	433	4.0	39.7	622	2.3	39.2
Personal service	511	10.9	38.6	448	16.6	40.0	—	—	—

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.

Table 3-2. Mean annual earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$38,790	3.2	1,948	\$36,147	3.5	2,045	\$46,074	4.1	1,680
All excluding sales	39,349	3.0	1,940	36,721	3.3	2,042	46,074	4.1	1,680
White collar	46,275	3.7	1,867	44,668	4.9	2,031	49,314	4.2	1,557
White collar excluding sales	48,097	3.0	1,845	47,345	3.9	2,023	49,314	4.2	1,557
Professional specialty and technical	53,703	2.9	1,760	54,263	4.4	2,003	52,873	3.5	1,400
Professional specialty	56,216	3.0	1,693	59,385	5.5	1,985	52,999	3.9	1,397
Engineers, architects, and surveyors	60,118	3.4	2,060	60,555	3.8	2,080	-	-	-
Mathematical and computer scientists	68,044	1.5	1,994	68,044	1.5	1,994	-	-	-
Computer systems analysts and scientists	66,374	1.6	2,007	66,374	1.6	2,007	-	-	-
Natural scientists	-	-	-	-	-	-	-	-	-
Health related	60,111	6.0	2,022	60,931	6.6	2,049	53,150	.9	1,800
Physicians	103,896	16.4	2,354	103,896	16.4	2,354	-	-	-
Registered nurses	52,270	2.2	1,959	52,112	2.4	1,987	53,150	.9	1,800
Teachers, college and university Teachers, except college and university	69,049	3.0	1,218	-	-	-	-	-	-
Elementary school teachers ...	49,781	3.2	1,306	-	-	-	50,249	4.0	1,287
Secondary school teachers ...	49,680	7.5	1,279	-	-	-	49,680	7.5	1,279
Teachers, special education ...	49,317	4.6	1,320	-	-	-	50,182	5.3	1,319
Librarians, archivists, and curators	48,639	8.4	1,231	-	-	-	48,639	8.4	1,231
Social scientists and urban planners	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers	-	-	-	-	-	-	-	-	-
Social workers	34,826	9.7	1,936	28,904	6.4	1,977	-	-	-
Lawyers and judges	34,778	9.9	1,934	28,708	6.5	1,975	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	-	-	-	-	-	-	-	-	-
Technical	43,210	6.2	2,040	43,333	6.3	2,043	-	-	-
Licensed practical nurses	41,128	1.6	2,013	41,019	1.6	2,012	-	-	-
Executive, administrative, and managerial	62,022	5.7	1,965	60,644	2.8	2,060	63,822	12.7	1,841
Executives, administrators, and managers	67,988	6.6	1,971	63,463	5.8	2,066	73,836	10.4	1,848
Administrators, education and related fields	79,221	3.8	1,712	-	-	-	79,741	3.8	1,700
Managers and administrators, n.e.c.	72,710	7.9	2,002	75,902	9.1	2,069	-	-	-
Management related	45,819	9.5	1,948	53,128	11.0	2,042	-	-	-
Accountants and auditors	52,958	12.5	2,075	-	-	-	-	-	-
Management related, n.e.c.	34,961	11.2	1,923	-	-	-	-	-	-
Sales	28,715	17.6	2,079	28,715	17.6	2,079	-	-	-
Administrative support, including clerical	30,171	3.3	1,914	30,528	3.9	2,034	29,393	4.9	1,651
Secretaries	30,994	6.3	1,985	31,310	4.2	2,063	30,211	19.7	1,794
Typists	31,703	3.8	1,868	-	-	-	-	-	-
Receptionists	24,126	2.9	1,866	-	-	-	-	-	-
Investigators and adjusters, except insurance	31,596	13.2	2,076	31,596	13.2	2,076	-	-	-
General office clerks	29,717	4.5	1,981	29,790	4.9	1,996	-	-	-
Teachers' aides	16,278	8.4	1,183	-	-	-	16,141	9.3	1,176
Administrative support, n.e.c.	37,811	2.0	1,853	-	-	-	-	-	-

See footnotes at end of table.

Table 3-2. Mean annual earnings,¹ full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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	\$29,780	3.9	2,062	\$29,383	4.2	2,065	\$34,621	5.1	2,031
Precision production, craft, and repair	38,303	6.2	2,073	38,391	7.1	2,075	37,754	3.2	2,062
Industrial machinery repairers	32,836	7.5	2,073	32,836	7.5	2,073	—	—	—
Supervisors, production	39,676	5.8	2,080	39,676	5.8	2,080	—	—	—
Electrical and electronic equipment assemblers	22,775	5.2	2,080	22,775	5.2	2,080	—	—	—
Machine operators, assemblers, and inspectors	24,477	6.2	2,068	24,430	6.2	2,068	—	—	—
Winding and twisting machine operators	24,672	6.7	2,063	24,672	6.7	2,063	—	—	—
Miscellaneous machine operators, n.e.c.	23,883	3.5	2,048	23,883	3.5	2,048	—	—	—
Transportation and material moving	29,984	6.8	1,951	30,660	6.5	1,987	—	—	—
Truck drivers	31,859	3.1	1,902	31,859	3.1	1,902	—	—	—
Industrial truck and tractor equipment operators	30,194	8.9	2,080	30,194	8.9	2,080	—	—	—
Handlers, equipment cleaners, helpers, and laborers	26,783	9.5	2,077	25,651	12.3	2,076	—	—	—
Freight, stock, and material handlers, n.e.c.	24,267	9.0	2,080	24,267	9.0	2,080	—	—	—
Hand packers and packagers	17,459	10.7	2,080	17,459	10.7	2,080	—	—	—
Laborers, except construction, n.e.c.	23,796	8.8	2,080	21,642	10.9	2,080	—	—	—
Service	28,204	3.8	2,025	22,529	6.0	2,040	38,701	3.2	1,998
Protective service	37,986	12.3	2,060	—	—	—	44,504	2.1	2,060
Police and detectives, public service	44,244	1.7	2,066	—	—	—	44,244	1.7	2,066
Food service	21,545	11.8	1,933	20,925	14.3	1,994	—	—	—
Other food service	23,557	10.4	1,970	23,393	13.9	2,078	—	—	—
Cooks	22,477	9.7	1,745	25,283	12.4	1,959	—	—	—
Health service	24,828	8.3	2,030	24,273	10.0	2,026	—	—	—
Health aides, except nursing ..	28,604	10.9	2,051	28,604	10.9	2,051	—	—	—
Nursing aides, orderlies and attendants	22,758	3.1	2,019	21,568	4.5	2,010	—	—	—
Cleaning and building service	24,111	6.0	2,062	21,701	3.1	2,069	32,342	2.3	2,036
Janitors and cleaners	25,679	5.6	2,054	22,519	4.0	2,063	32,342	2.3	2,036
Personal service	26,146	10.9	1,973	23,312	16.6	2,080	—	—	—

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.

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

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

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

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

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$18.99	3.3	\$16.87	3.3	\$27.09	4.9
All excluding sales	19.52	3.3	17.34	3.2	27.09	4.9
White collar	23.76	3.9	21.05	4.5	31.41	4.5
1	8.11	1.4	8.11	1.4	—	—
2	9.43	8.9	8.80	6.5	13.74	9.1
3	11.69	4.2	10.95	3.7	15.54	3.1
4	14.05	3.6	13.84	4.1	14.99	4.4
5	16.83	3.2	16.26	3.1	19.52	2.2
6	20.29	3.2	19.92	2.6	—	—
7	24.08	9.2	21.25	4.4	29.21	14.7
8	24.86	3.6	24.81	4.6	—	—
9	31.43	3.2	26.94	3.9	37.11	7.0
10	32.23	6.6	30.27	4.8	36.23	17.0
11	35.76	6.0	32.63	8.6	42.59	5.9
12	46.13	5.2	44.39	8.3	48.29	5.0
13	68.11	5.0	—	—	—	—
Not able to be leveled	27.58	9.4	27.58	9.4	—	—
White collar excluding sales	25.60	3.1	23.07	3.7	31.41	4.5
2	11.77	4.1	10.83	4.2	13.74	9.1
3	12.45	3.6	11.66	2.6	15.54	3.1
4	14.64	2.5	14.53	2.8	14.99	4.4
5	16.98	3.2	16.41	3.1	19.52	2.2
6	20.36	3.8	19.91	3.5	—	—
7	24.25	9.3	21.39	4.7	29.21	14.7
8	24.92	4.1	24.88	5.3	—	—
9	31.76	3.2	27.21	3.9	37.11	7.0
10	32.37	6.8	30.40	5.0	36.23	17.0
11	36.07	5.9	32.89	8.9	42.59	5.9
12	46.76	5.0	45.39	8.6	48.29	5.0
13	68.11	5.0	—	—	—	—
Not able to be leveled	27.58	9.4	27.58	9.4	—	—
Professional specialty and technical	30.13	3.2	26.94	3.9	37.76	3.5
Professional specialty	32.63	2.6	29.47	4.6	37.94	3.9
5	13.94	6.5	13.94	6.5	—	—
6	25.28	7.4	22.72	.9	—	—
7	27.50	10.8	23.49	3.6	32.93	12.7
8	26.26	5.8	27.04	7.5	—	—
9	33.82	4.3	27.38	5.9	37.20	7.2
10	33.25	4.7	31.28	4.6	—	—
11	33.17	10.6	32.31	10.9	—	—
12	49.15	8.0	47.89	15.4	—	—
13	70.94	6.5	—	—	—	—
Not able to be leveled	35.29	19.2	35.29	19.2	—	—
Engineers, architects, and surveyors	29.19	3.5	29.11	3.8	—	—
Mathematical and computer scientists	34.22	4.6	34.22	4.6	—	—
Computer systems analysts and scientists	33.20	2.5	33.20	2.5	—	—
Natural scientists	—	—	—	—	—	—
Health related	28.93	4.0	28.88	4.3	29.53	.5
6	22.72	.9	22.72	.9	—	—
7	26.05	1.4	25.52	1.6	—	—
9	25.89	1.9	25.71	2.1	—	—
10	28.00	3.0	28.00	3.0	—	—
Physicians	44.14	13.9	44.14	13.9	—	—
Registered nurses	26.74	1.8	26.44	2.0	29.53	.5
6	23.54	.7	23.54	.7	—	—
7	26.15	1.5	25.61	1.6	—	—
8	27.44	.6	—	—	—	—
9	25.89	1.9	25.71	2.1	—	—
Not able to be leveled	26.47	7.1	26.47	7.1	—	—
Teachers, college and university	56.69	2.7	—	—	—	—
Teachers, except college and university	38.07	3.5	—	—	39.06	4.7
7	36.59	7.8	—	—	—	—
9	38.40	8.8	—	—	38.83	9.3

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, Providence-Fall River-Warwick, RI-MA, December 2002 — 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, except college and university –Continued						
Elementary school teachers	\$38.84	7.8	–	–	\$38.84	7.8
9	39.35	8.9	–	–	39.35	8.9
Secondary school teachers	37.36	4.5	–	–	38.04	5.6
9	36.03	8.3	–	–	36.90	9.8
Teachers, special education	39.52	8.6	–	–	39.52	8.6
Librarians, archivists, and curators	–	–	–	–	–	–
Social scientists and urban planners	–	–	–	–	–	–
Social, recreation, and religious workers	18.49	9.7	\$15.64	4.8	–	–
Social workers	18.48	9.8	15.58	4.8	–	–
Lawyers and judges	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	–	–	–	–	–	–
Technical	21.14	5.8	21.17	5.9	–	–
5	19.05	1.6	19.01	1.7	–	–
6	18.98	7.2	18.98	7.2	–	–
Clinical laboratory technologists and technicians	22.38	11.4	22.98	11.7	–	–
Radiological technicians	25.74	7.8	25.74	7.8	–	–
Licensed practical nurses	20.48	4.7	20.44	4.8	–	–
Executive, administrative, and managerial	31.38	5.5	29.17	2.8	34.67	12.4
7	23.22	7.5	22.54	15.6	–	–
9	26.13	5.6	25.83	6.1	–	–
10	29.85	20.5	–	–	–	–
11	39.18	6.1	–	–	41.73	4.5
12	43.87	4.5	42.72	3.5	–	–
Executives, administrators, and managers	34.50	7.4	30.72	6.4	39.95	10.6
9	27.57	4.9	–	–	–	–
11	39.18	6.1	–	–	41.73	4.5
12	44.40	5.2	–	–	–	–
Administrators, education and related fields	46.28	7.1	–	–	46.90	7.3
Managers and administrators, n.e.c.	36.32	6.9	36.69	9.1	–	–
Management related	23.15	8.7	25.26	11.2	–	–
Accountants and auditors	25.52	12.5	–	–	–	–
Management related, n.e.c.	18.18	11.4	–	–	–	–
Sales	12.12	12.6	12.12	12.6	–	–
1	8.12	1.5	8.12	1.5	–	–
3	8.81	7.4	8.81	7.4	–	–
4	11.63	5.8	11.63	5.8	–	–
Cashiers	8.10	2.1	8.10	2.1	–	–
1	8.12	1.5	8.12	1.5	–	–
3	8.43	10.2	8.43	10.2	–	–
Administrative support, including clerical	15.40	3.5	14.67	3.7	17.51	4.0
2	11.77	4.1	10.83	4.2	13.74	9.1
3	12.36	3.9	11.64	2.7	15.34	4.1
4	14.24	2.6	13.99	2.8	14.99	4.4
5	17.05	3.6	16.07	3.4	19.35	2.7
6	20.23	3.6	19.49	3.4	–	–
7	21.22	8.2	19.82	5.8	–	–
Not able to be leveled	14.48	20.6	14.48	20.6	–	–
Secretaries	15.25	6.7	14.77	3.6	16.84	21.5
2	13.16	20.0	–	–	–	–
4	13.72	6.7	13.72	6.7	–	–
6	18.60	5.3	–	–	–	–
Typists	16.97	2.5	–	–	–	–
Receptionists	12.61	3.3	12.19	4.0	–	–
Records clerks, n.e.c.	13.42	9.1	–	–	–	–
Investigators and adjusters, except insurance	14.62	14.0	14.62	14.0	–	–

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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						
General office clerks	\$14.83	4.4	\$14.73	5.1	—	—
Teachers' aides	13.76	4.8	—	—	\$13.73	5.2
4	14.38	7.7	—	—	—	—
Administrative support, n.e.c.	19.87	4.6	—	—	—	—
Blue collar	14.10	4.0	13.88	4.3	17.04	4.6
1	8.42	7.2	8.42	7.2	—	—
2	11.55	7.7	11.55	7.7	—	—
3	11.89	6.8	11.89	6.8	—	—
4	14.27	4.9	14.18	6.2	—	—
5	14.97	3.2	14.67	3.6	—	—
6	17.09	2.2	16.97	2.5	—	—
7	21.84	5.5	22.13	5.7	—	—
9	23.68	13.3	—	—	—	—
Not able to be leveled	25.76	14.1	26.12	14.2	—	—
Precision production, craft, and repair						
5	18.46	6.3	18.48	7.2	18.31	3.5
7	15.49	2.9	15.02	4.8	—	—
9	22.21	5.7	22.39	6.0	—	—
Industrial machinery repairers	21.39	8.2	—	—	—	—
Supervisors, production	15.84	7.4	15.84	7.4	—	—
Electrical and electronic equipment assemblers ..	19.07	5.8	19.07	5.8	—	—
10.95	5.2	10.95	5.2	—	—	
Machine operators, assemblers, and inspectors						
1	11.70	6.4	11.67	6.5	—	—
2	8.48	6.4	8.48	6.4	—	—
3	11.83	8.7	11.83	8.7	—	—
4	11.44	7.8	11.44	7.8	—	—
5	12.72	1.3	—	—	—	—
Winding and twisting machine operators	14.17	2.1	14.17	2.1	—	—
3	11.96	7.4	11.96	7.4	—	—
Miscellaneous machine operators, n.e.c.	11.96	7.4	11.96	7.4	—	—
3	11.66	2.3	11.66	2.3	—	—
Assemblers	12.33	6.8	12.33	6.8	—	—
9.68	5.7	9.68	5.7	—	—	
Transportation and material moving						
Truck drivers	14.46	7.9	14.50	8.0	—	—
Industrial truck and tractor equipment operators ..	16.75	3.1	16.75	3.1	—	—
14.52	8.9	14.52	8.9	—	—	
Handlers, equipment cleaners, helpers, and laborers						
1	11.88	9.0	11.28	11.2	—	—
2	8.17	7.9	8.17	7.9	—	—
Stock handlers and baggers	12.34	3.2	12.34	3.2	—	—
1	11.01	12.8	11.01	12.8	—	—
Freight, stock, and material handlers, n.e.c.	7.47	2.0	7.47	2.0	—	—
Hand packers and packagers	11.24	9.8	11.24	9.8	—	—
1	8.18	9.0	8.18	9.0	—	—
Laborers, except construction, n.e.c.	6.82	3.3	6.82	3.3	—	—
11.57	7.6	10.65	8.6	—	—	
Service						
1	12.72	3.4	10.32	5.2	18.94	4.0
2	8.24	9.2	7.93	10.6	—	—
3	9.64	4.6	9.01	5.8	13.80	3.7
4	11.44	4.6	10.41	2.5	16.12	3.9
5	12.40	3.8	12.48	2.0	—	—
6	16.90	6.3	—	—	—	—
Not able to be leveled	17.02	14.0	—	—	—	—
Protective service	13.57	4.4	13.57	4.4	—	—
Police and detectives, public service	18.21	12.1	—	—	21.21	3.5
21.41	1.3	—	—	21.41	1.3	

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, Providence-Fall River-Warwick, RI-MA, December 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
Food service	\$8.91	5.0	\$8.38	5.8	\$13.96	4.9
1	6.61	10.9	6.58	11.0	—	—
2	7.72	17.5	6.36	22.9	—	—
3	10.71	7.4	10.71	7.4	—	—
Waiters, waitresses, and bartenders	6.19	7.1	6.19	7.1	—	—
Other food service	10.04	5.9	9.43	7.0	13.96	4.9
1	7.15	4.7	7.13	4.8	—	—
2	10.47	16.1	—	—	—	—
3	11.43	7.6	11.43	7.6	—	—
Cooks	12.46	6.6	12.41	8.0	—	—
Kitchen workers, food preparation	9.24	9.4	—	—	—	—
Food preparation, n.e.c.	9.10	11.5	—	—	—	—
Health service	12.04	6.1	11.86	7.1	—	—
2	10.43	.4	10.38	.5	—	—
3	11.19	5.0	10.57	3.4	—	—
Nursing aides, orderlies and attendants	11.31	2.3	10.96	2.7	—	—
2	10.41	.4	10.35	.6	—	—
3	11.38	4.6	10.71	3.3	—	—
Cleaning and building service	10.95	4.0	9.88	1.9	15.58	4.7
1	9.10	8.4	9.10	8.4	—	—
2	10.48	9.1	9.71	6.3	—	—
Maids and housemen	9.43	4.5	9.43	4.5	—	—
Janitors and cleaners	11.55	5.4	10.12	3.1	15.58	4.7
1	8.72	12.3	8.72	12.3	—	—
2	10.48	9.1	9.71	6.3	—	—
Personal service	12.81	10.8	11.25	15.1	—	—

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

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

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

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

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

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

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

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$19.91	3.5	\$17.68	3.6	\$27.43	4.9
All excluding sales	20.28	3.4	17.98	3.4	27.43	4.9
White collar	24.78	4.1	21.99	5.1	31.68	4.4
2	9.80	11.5	—	—	13.74	9.1
3	12.25	4.5	11.28	3.2	16.86	1.1
4	14.36	3.2	14.20	3.7	14.99	4.4
5	16.74	3.4	16.11	3.3	19.52	2.2
6	20.22	3.2	19.81	2.7	—	—
7	24.14	9.6	20.92	4.8	29.50	13.6
8	24.69	3.7	24.58	4.9	—	—
9	31.79	3.4	27.05	4.3	37.11	7.0
10	32.42	7.3	30.31	5.5	36.23	17.0
11	35.76	6.0	32.63	8.6	42.59	5.9
12	46.28	5.2	44.61	8.4	48.29	5.0
13	68.11	5.0	—	—	—	—
Not able to be leveled	27.92	11.2	27.92	11.2	—	—
White collar excluding sales	26.07	3.3	23.40	4.1	31.68	4.4
2	12.15	4.2	11.20	4.0	13.74	9.1
3	12.80	4.9	11.74	3.5	16.86	1.1
4	14.72	2.7	14.63	3.2	14.99	4.4
5	16.89	3.4	16.26	3.3	19.52	2.2
6	20.29	3.9	19.77	3.7	—	—
7	24.33	9.7	21.06	5.1	29.50	13.6
8	24.73	4.2	24.62	5.7	—	—
9	32.15	3.4	27.37	4.4	37.11	7.0
10	32.57	7.5	30.46	5.8	36.23	17.0
11	36.07	5.9	32.89	8.9	42.59	5.9
12	46.93	5.0	45.67	8.6	48.29	5.0
13	68.11	5.0	—	—	—	—
Not able to be leveled	27.92	11.2	27.92	11.2	—	—
Professional specialty and technical	30.51	3.5	27.09	4.6	37.76	3.5
Professional specialty	33.20	2.8	29.92	5.3	37.94	3.9
5	13.92	6.7	13.92	6.7	—	—
6	25.50	9.1	—	—	—	—
7	27.78	11.7	23.10	4.4	32.93	12.7
8	26.14	6.8	27.05	9.8	—	—
9	34.61	5.0	27.84	7.8	37.20	7.2
10	33.63	5.5	31.48	5.5	—	—
11	33.17	10.6	32.31	10.9	—	—
12	49.55	8.0	48.63	15.6	—	—
13	70.94	6.5	—	—	—	—
Not able to be leveled	36.33	24.7	36.33	24.7	—	—
Engineers, architects, and surveyors	29.19	3.5	29.11	3.8	—	—
Mathematical and computer scientists	34.12	4.7	34.12	4.7	—	—
Computer systems analysts and scientists	33.07	2.5	33.07	2.5	—	—
Natural scientists	—	—	—	—	—	—
Health related	29.72	5.1	29.74	5.6	29.53	.5
7	26.27	1.5	25.57	1.6	—	—
Physicians	44.14	13.9	44.14	13.9	—	—
Registered nurses	26.69	2.0	26.22	2.2	29.53	.5
7	26.41	1.5	25.71	1.5	—	—
Teachers, college and university	56.69	2.7	—	—	—	—
Teachers, except college and university	38.12	3.5	—	—	39.06	4.7
7	36.59	7.8	—	—	—	—
9	38.40	8.8	—	—	38.83	9.3
Elementary school teachers	38.84	7.8	—	—	38.84	7.8
9	39.35	8.9	—	—	39.35	8.9
Secondary school teachers	37.36	4.5	—	—	38.04	5.6
9	36.03	8.3	—	—	36.90	9.8
Teachers, special education	39.52	8.6	—	—	39.52	8.6
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	17.99	11.7	14.62	9.8	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002** — 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						
Social, recreation, and religious workers —Continued						
Social workers	\$17.98	11.9	\$14.53	9.9	—	—
Lawyers and judges	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	21.18	6.2	21.21	6.3	—	—
5	18.58	2.6	18.51	2.8	—	—
6	18.98	7.2	18.98	7.2	—	—
Licensed practical nurses	20.43	4.9	20.38	5.0	—	—
Executive, administrative, and managerial	31.56	5.5	29.45	2.8	\$34.67	12.4
7	23.22	7.5	22.54	15.6	—	—
9	26.13	5.6	25.83	6.1	—	—
10	29.85	20.5	—	—	—	—
11	39.18	6.1	—	—	41.73	4.5
12	43.87	4.5	42.72	3.5	—	—
Executives, administrators, and managers	34.50	7.4	30.72	6.4	39.95	10.6
9	27.57	4.9	—	—	—	—
11	39.18	6.1	—	—	41.73	4.5
12	44.40	5.2	—	—	—	—
Administrators, education and related fields	46.28	7.1	—	—	46.90	7.3
Managers and administrators, n.e.c.	36.32	6.9	36.69	9.1	—	—
Management related	23.52	8.9	26.01	11.1	—	—
Accountants and auditors	25.52	12.5	—	—	—	—
Management related, n.e.c.	18.18	11.4	—	—	—	—
Sales	13.81	17.2	13.81	17.2	—	—
3	9.39	6.8	9.39	6.8	—	—
4	12.26	7.2	12.26	7.2	—	—
Administrative support, including clerical	15.77	3.7	15.01	4.1	17.80	4.2
2	12.15	4.2	11.20	4.0	13.74	9.1
3	12.69	5.2	11.74	3.5	16.76	1.9
4	14.28	2.8	14.02	3.1	14.99	4.4
5	17.22	3.7	16.24	3.7	19.35	2.7
6	20.23	3.6	19.49	3.4	—	—
7	21.66	8.0	20.00	6.1	—	—
Not able to be leveled	14.48	20.6	14.48	20.6	—	—
Secretaries	15.61	7.3	15.18	4.1	16.84	21.5
4	13.63	6.9	13.63	6.9	—	—
6	18.60	5.3	—	—	—	—
Typists	16.97	2.5	—	—	—	—
Receptionists	12.93	2.5	—	—	—	—
Investigators and adjusters, except insurance	15.22	13.2	15.22	13.2	—	—
General office clerks	15.00	4.5	14.92	5.1	—	—
Teachers' aides	13.76	4.8	—	—	13.73	5.2
4	14.38	7.7	—	—	—	—
Administrative support, n.e.c.	20.41	3.0	—	—	—	—
Blue collar	14.44	4.0	14.23	4.2	17.04	4.6
1	8.70	8.5	8.70	8.5	—	—
2	11.58	7.7	11.58	7.7	—	—
3	11.88	7.6	11.88	7.6	—	—
4	14.27	4.9	14.18	6.2	—	—
5	14.97	3.2	14.67	3.6	—	—
6	17.09	2.2	16.97	2.5	—	—
7	21.84	5.5	22.13	5.7	—	—
9	23.68	13.3	—	—	—	—
Not able to be leveled	25.76	14.1	26.12	14.2	—	—

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, Providence-Fall River-Warwick, RI-MA, December 2002** — 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	\$18.48	6.3	\$18.50	7.2	\$18.31	3.5
5	15.49	2.9	15.02	4.8	—	—
7	22.21	5.7	22.39	6.0	—	—
9	21.39	8.2	—	—	—	—
Industrial machinery repairers	15.84	7.4	15.84	7.4	—	—
Supervisors, production	19.07	5.8	19.07	5.8	—	—
Electrical and electronic equipment assemblers ..	10.95	5.2	10.95	5.2	—	—
Machine operators, assemblers, and inspectors	11.83	6.2	11.81	6.3	—	—
1	8.72	6.8	8.72	6.8	—	—
2	11.83	8.7	11.83	8.7	—	—
3	11.44	7.8	11.44	7.8	—	—
4	12.72	1.3	—	—	—	—
5	14.17	2.1	14.17	2.1	—	—
Winding and twisting machine operators	11.96	7.4	11.96	7.4	—	—
3	11.96	7.4	11.96	7.4	—	—
Miscellaneous machine operators, n.e.c.	11.66	2.3	11.66	2.3	—	—
3	12.33	6.8	12.33	6.8	—	—
Transportation and material moving	15.36	6.5	15.43	6.5	—	—
Truck drivers	16.75	3.1	16.75	3.1	—	—
Industrial truck and tractor equipment operators ..	14.52	8.9	14.52	8.9	—	—
Handlers, equipment cleaners, helpers, and laborers	12.90	9.6	12.35	12.3	—	—
1	8.46	12.6	8.46	12.6	—	—
2	12.59	2.2	12.59	2.2	—	—
Freight, stock, and material handlers, n.e.c.	11.67	9.0	11.67	9.0	—	—
Hand packers and packagers	8.39	10.7	8.39	10.7	—	—
1	6.79	4.2	6.79	4.2	—	—
Laborers, except construction, n.e.c.	11.44	8.8	10.40	10.9	—	—
Service	13.93	4.4	11.05	5.9	19.37	4.1
1	9.78	6.6	—	—	—	—
2	10.59	2.7	10.00	2.3	—	—
3	11.47	6.0	10.20	2.7	16.40	3.6
4	12.92	3.5	12.56	2.5	—	—
5	16.90	6.3	—	—	—	—
Not able to be leveled	13.24	6.3	13.24	6.3	—	—
Protective service	18.44	12.7	—	—	21.60	3.3
Police and detectives, public service	21.41	1.3	—	—	21.41	1.3
Food service	11.15	8.6	10.49	10.5	—	—
2	10.33	13.0	—	—	—	—
3	10.94	8.1	10.94	8.1	—	—
Other food service	11.96	7.7	11.26	10.4	—	—
Cooks	12.88	7.5	12.91	9.4	—	—
Health service	12.23	7.8	11.98	9.4	—	—
2	10.43	.4	10.38	.4	—	—
3	11.15	10.1	—	—	—	—
Health aides, except nursing	13.95	9.8	13.95	9.8	—	—
Nursing aides, orderlies and attendants	11.27	3.3	10.73	4.2	—	—
2	10.41	.3	—	—	—	—
Cleaning and building service	11.69	6.3	10.49	3.6	15.88	3.8
2	11.37	9.8	—	—	—	—
Janitors and cleaners	12.50	5.8	10.92	4.6	15.88	3.8
2	11.37	9.8	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — 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	\$13.26	10.8	\$11.21	16.6	—	—

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

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

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

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

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

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

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002**

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	\$11.87	4.1	\$11.88	4.3	\$11.62	6.7
All excluding sales	12.72	5.3	12.77	5.5	11.62	6.7
White collar	15.04	5.0	15.15	5.1	—	—
2	7.96	4.1	7.96	4.1	—	—
3	10.25	5.4	10.12	6.2	—	—
4	11.62	6.0	11.62	6.0	—	—
5	18.16	11.2	18.16	11.2	—	—
7	23.26	5.7	24.26	4.4	—	—
White collar excluding sales	19.56	6.3	20.03	6.5	—	—
3	11.32	1.4	11.38	1.8	—	—
5	18.16	11.2	18.16	11.2	—	—
7	23.26	5.7	24.26	4.4	—	—
Professional specialty and technical	25.82	2.0	25.82	2.0	—	—
Professional specialty	26.69	2.1	26.69	2.1	—	—
7	25.19	3.8	25.19	3.8	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	26.43	2.1	26.43	2.1	—	—
7	25.38	4.0	25.38	4.0	—	—
Registered nurses	26.84	2.4	26.84	2.4	—	—
7	25.38	4.0	25.38	4.0	—	—
Teachers, except college and university	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Technical	20.42	.2	20.42	.2	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	8.36	5.1	8.36	5.1	—	—
Cashiers	7.94	2.3	7.94	2.3	—	—
Administrative support, including clerical	11.92	4.8	11.92	5.5	—	—
3	11.24	1.5	11.29	1.9	—	—
Secretaries	12.52	10.6	12.52	10.6	—	—
Blue collar	9.07	13.0	9.07	13.0	—	—
1	7.38	5.0	7.38	5.0	—	—
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	7.75	4.2	7.75	4.2	—	—
1	7.72	4.4	7.72	4.4	—	—
Stock handlers and baggers	7.40	1.8	7.40	1.8	—	—
1	7.32	.7	7.32	.7	—	—
Service	8.88	5.2	8.71	5.6	11.38	5.5
1	6.99	9.1	6.77	8.7	—	—
2	7.42	12.4	6.90	12.0	—	—
3	11.28	4.6	11.22	4.9	—	—
Protective service	—	—	—	—	—	—
Food service	6.52	6.6	6.50	6.7	—	—
1	6.52	11.4	6.49	11.5	—	—
Other food service	7.75	9.5	7.73	9.6	—	—
1	7.15	5.8	—	—	—	—
Health service	11.56	1.9	11.56	1.9	—	—
3	11.24	3.6	11.24	3.6	—	—
Nursing aides, orderlies and attendants	11.39	1.8	11.39	1.8	—	—
3	11.33	3.7	11.33	3.7	—	—
Cleaning and building service	7.84	5.6	7.85	5.9	—	—

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, Providence-Fall River-Warwick, RI-MA, December 2002** — 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						
Cleaning and building service—Continued						
Janitors and cleaners	\$7.95	7.8	\$7.98	8.2	—	—
Personal service	—	—	—	—	—	—

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

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

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

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

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

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

Table 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002**

Occupational group	Private industry and State and local government					
	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
	Mean					
All occupations	\$19.91	\$11.87	\$21.79	\$17.77	\$19.07	–
All excluding sales	20.28	12.72	22.16	18.29	19.64	–
White collar	24.78	15.04	27.43	22.42	23.77	–
White-collar excluding sales	26.07	19.56	28.59	24.35	25.60	–
Professional specialty and technical	30.51	25.82	34.36	27.55	30.13	–
Professional specialty	33.20	26.69	36.27	29.90	32.63	–
Technical	21.18	20.42	19.67	21.51	21.14	–
Executive, administrative, and managerial	31.56	–	25.36	32.06	31.38	–
Sales	13.81	8.36	8.39	12.60	11.35	–
Administrative support, including clerical	15.77	11.92	17.21	14.72	15.40	–
Blue collar	14.44	9.07	17.04	12.77	14.28	–
Precision production, craft, and repair	18.48	–	22.11	16.29	18.46	–
Machine operators, assemblers, and inspectors	11.83	–	13.92	11.18	11.91	–
Transportation and material moving	15.36	–	–	14.24	14.46	–
Handlers, equipment cleaners, helpers, and laborers	12.90	7.75	13.37	10.99	11.88	–
Service	13.93	8.88	16.42	10.33	12.72	–
	Relative error ⁶ (percent)					
All occupations	3.5	4.1	5.6	3.7	3.3	–
All excluding sales	3.4	5.3	5.6	3.7	3.2	–
White collar	4.1	5.0	5.3	4.7	4.0	–
White-collar excluding sales	3.3	6.3	5.2	3.8	3.1	–
Professional specialty and technical	3.5	2.0	4.0	3.9	3.2	–
Professional specialty	2.8	2.1	2.2	4.4	2.6	–
Technical	6.2	.2	18.1	6.3	5.8	–
Executive, administrative, and managerial	5.5	–	6.8	6.3	5.5	–
Sales	17.2	5.1	5.6	13.5	11.9	–
Administrative support, including clerical	3.7	4.8	4.8	3.8	3.5	–
Blue collar	4.0	13.0	7.4	5.2	3.9	–
Precision production, craft, and repair	6.3	–	5.8	8.2	6.3	–
Machine operators, assemblers, and inspectors	6.2	–	2.6	8.7	6.4	–
Transportation and material moving	6.5	–	–	6.8	7.9	–
Handlers, equipment cleaners, helpers, and laborers	9.6	4.2	4.8	14.5	9.0	–
Service	4.4	5.2	8.0	5.8	3.4	–

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

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

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

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

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

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

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

Table 5-2. Major industry division: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

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	\$16.87	-	-	-	-	\$17.49	-	\$11.53	\$20.53	\$18.99
All excluding sales	17.34	-	-	-	-	18.41	-	12.77	22.05	18.99
White collar	21.05	-	-	-	-	20.35	-	11.98	20.53	23.37
White-collar excluding sales	23.07	-	-	-	-	22.89	-	19.62	22.05	23.49
Professional specialty and technical	26.94	-	-	-	-	28.01	-	-	-	28.01
Professional specialty	29.47	-	-	-	-	29.59	-	-	-	28.84
Technical	21.17	-	-	-	-	23.00	-	-	-	24.76
Executive, administrative, and managerial	29.17	-	-	-	-	27.83	-	-	28.71	25.97
Sales	12.12	-	-	-	-	12.08	-	9.99	-	-
Administrative support, including clerical	14.67	-	-	-	-	14.61	-	11.64	16.27	14.21
Blue collar	13.88	-	-	-	-	17.29	-	13.91	-	19.03
Precision production, craft, and repair	18.48	-	-	-	-	23.29	-	-	-	-
Machine operators, assemblers, and inspectors	11.67	-	-	-	-	-	-	-	-	-
Transportation and material moving	14.50	-	-	-	-	15.01	-	17.38	-	-
Handlers, equipment cleaners, helpers, and laborers	11.28	-	-	-	-	12.03	-	10.66	-	15.44
Service	10.32	-	-	-	-	10.34	-	6.86	-	11.14
	Relative error ⁵ (percent)									
All occupations	3.3	-	-	-	-	4.6	-	7.0	20.5	5.7
All excluding sales	3.2	-	-	-	-	4.7	-	7.5	22.2	5.8
White collar	4.5	-	-	-	-	5.8	-	15.2	20.5	5.0
White-collar excluding sales	3.7	-	-	-	-	5.0	-	27.7	22.2	5.2
Professional specialty and technical	3.9	-	-	-	-	4.9	-	-	-	4.9
Professional specialty	4.6	-	-	-	-	5.4	-	-	-	6.1
Technical	5.9	-	-	-	-	7.5	-	-	-	6.5
Executive, administrative, and managerial	2.8	-	-	-	-	5.4	-	-	4.4	6.1
Sales	12.6	-	-	-	-	12.9	-	12.1	-	-
Administrative support, including clerical	3.7	-	-	-	-	4.3	-	10.8	14.6	2.7
Blue collar	4.3	-	-	-	-	7.6	-	6.8	-	4.0
Precision production, craft, and repair	7.2	-	-	-	-	6.0	-	-	-	-
Machine operators, assemblers, and inspectors	6.5	-	-	-	-	-	-	-	-	-
Transportation and material moving	8.0	-	-	-	-	10.3	-	1.6	-	-
Handlers, equipment cleaners, helpers, and laborers	11.2	-	-	-	-	16.1	-	8.8	-	38.1
Service	5.2	-	-	-	-	5.4	-	5.9	-	5.5

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

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

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

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

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

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

Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

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	\$16.87	\$13.73	\$17.64	\$15.45	\$21.69
All excluding sales	17.34	13.76	18.26	16.01	22.02
White collar	21.05	21.19	21.04	18.52	24.48
White-collar excluding sales	23.07	24.10	22.98	20.95	25.13
Professional specialty and technical	26.94	25.85	27.03	24.26	29.07
Professional specialty	29.47	28.78	29.51	25.19	32.80
Technical	21.17	—	21.11	21.90	20.57
Executive, administrative, and managerial	29.17	33.35	28.55	27.41	31.01
Sales	12.12	13.32	11.92	11.74	—
Administrative support, including clerical	14.67	14.50	14.68	14.06	15.52
Blue collar	13.88	12.96	14.25	13.23	17.86
Precision production, craft, and repair	18.48	19.40	18.31	17.46	19.33
Machine operators, assemblers, and inspectors	11.67	10.41	12.29	12.11	14.55
Transportation and material moving	14.50	16.11	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.28	12.66	10.54	9.97	—
Service	10.32	8.38	11.25	10.16	13.26
Relative error ⁴ (percent)					
All occupations	3.3	7.6	4.2	6.0	6.2
All excluding sales	3.2	8.7	4.1	5.9	6.3
White collar	4.5	12.2	5.2	6.8	6.5
White-collar excluding sales	3.7	8.9	3.9	3.1	6.2
Professional specialty and technical	3.9	6.8	4.2	3.8	7.2
Professional specialty	4.6	9.3	4.8	5.4	6.1
Technical	5.9	—	6.6	11.6	7.3
Executive, administrative, and managerial	2.8	14.1	3.5	3.6	6.9
Sales	12.6	27.3	15.5	17.5	—
Administrative support, including clerical	3.7	4.2	3.9	5.4	5.0
Blue collar	4.3	13.2	5.2	6.5	9.3
Precision production, craft, and repair	7.2	19.2	8.3	14.6	9.1
Machine operators, assemblers, and inspectors	6.5	13.5	6.1	6.9	5.1
Transportation and material moving	8.0	8.2	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.2	22.9	8.0	9.6	—
Service	5.2	5.5	6.3	3.2	4.9

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

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

³ Establishments classified with 50-99 workers may contain

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

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

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

Table 6-1. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, all industries, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	10	25	Median 50	75	90
All	\$8.50	\$11.00	\$15.65	\$23.18	\$33.46
All excluding sales	9.00	11.54	16.25	23.55	33.88
White collar	9.84	13.89	20.70	29.81	41.68
White collar excluding sales	12.10	16.18	22.17	31.19	42.52
Professional specialty and technical	17.57	20.61	27.25	35.85	48.22
Professional specialty	19.45	23.47	29.81	37.91	50.06
Engineers, architects, and surveyors	22.17	23.50	27.98	34.99	38.94
Mathematical and computer scientists	20.36	29.04	35.13	39.23	44.60
Computer systems analysts and scientists	20.36	28.43	34.45	38.42	42.03
Natural scientists	—	—	—	—	—
Health related	19.83	22.85	26.85	30.33	36.46
Physicians	17.78	20.77	23.51	73.80	95.19
Registered nurses	21.41	23.69	26.85	29.81	31.00
Teachers, college and university	35.42	44.69	54.19	70.43	78.78
Teachers, except college and university	23.99	31.12	37.70	47.29	51.98
Elementary school teachers	26.85	32.02	38.01	45.69	52.81
Secondary school teachers	25.25	30.14	37.33	43.70	50.06
Teachers, special education	28.02	31.00	37.70	48.85	51.98
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	11.54	12.98	17.57	22.82	28.00
Social workers	11.54	12.98	17.57	22.93	28.00
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	14.75	17.66	19.23	23.07	28.40
Clinical laboratory technologists and technicians	13.89	17.69	23.07	27.25	28.40
Radiological technicians	19.97	21.89	22.99	34.42	34.42
Licensed practical nurses	17.50	18.72	20.17	21.61	24.00
Executive, administrative, and managerial	18.27	20.92	27.73	40.38	50.91
Executives, administrators, and managers	19.57	24.37	31.13	41.83	53.41
Administrators, education and related fields	33.95	35.51	49.32	52.66	54.46
Managers and administrators, n.e.c.	21.87	26.69	33.46	41.83	52.66
Management related	15.48	17.45	21.63	25.84	32.11
Accountants and auditors	22.42	22.42	22.88	31.49	31.49
Management related, n.e.c.	15.48	15.48	17.45	20.50	23.08
Sales	7.02	7.75	9.20	13.75	22.78
Cashiers	7.00	7.25	7.88	8.50	9.60
Administrative support, including clerical	10.30	11.65	14.42	17.88	22.28
Secretaries	10.20	12.01	14.80	18.22	22.51
Typists	14.84	15.53	17.42	18.46	19.00
Receptionists	10.30	12.32	12.89	13.51	14.95
Records clerks, n.e.c.	9.57	10.49	13.79	15.55	16.60
Investigators and adjusters, except insurance	8.60	11.46	14.95	17.19	19.85
General office clerks	11.07	13.08	14.42	15.92	17.86
Teachers' aides	10.05	11.28	12.69	14.31	17.94
Administrative support, n.e.c.	13.59	15.89	19.75	21.87	28.84
Blue collar	8.00	9.74	13.40	16.91	21.32
Precision production, craft, and repair	10.75	13.79	18.00	22.65	27.07
Industrial machinery repairers	11.82	12.80	15.30	15.92	23.75
Supervisors, production	14.42	15.14	18.50	20.08	26.77
Electrical and electronic equipment assemblers ..	8.89	9.30	10.81	12.50	13.31
Machine operators, assemblers, and inspectors	8.00	9.18	11.45	13.41	15.07
Winding and twisting machine operators	9.62	9.62	12.33	13.52	14.39
Miscellaneous machine operators, n.e.c.	8.00	10.50	11.45	13.49	13.96
Assemblers	7.25	8.00	9.24	11.00	12.59
Transportation and material moving	11.10	11.97	13.40	17.32	18.95
Truck drivers	12.50	15.00	17.32	18.95	18.95
Industrial truck and tractor equipment operators ..	10.74	12.95	13.40	15.94	18.95

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, all industries, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar –Continued					
Handlers, equipment cleaners, helpers, and laborers					
Stock handlers and baggers	\$6.25	\$7.35	\$11.80	\$14.00	\$16.88
Freight, stock, and material handlers, n.e.c.	6.95	7.30	8.00	13.00	20.63
Hand packers and packagers	7.25	8.65	12.25	13.21	13.84
Laborers, except construction, n.e.c.	6.15	6.15	7.15	9.62	11.21
	6.20	8.70	12.15	13.84	14.96
Service					
Protective service	7.25	9.27	10.89	15.98	21.01
Police and detectives, public service	9.10	12.23	19.45	22.18	25.26
Food service	16.59	21.01	21.29	23.18	23.18
Waiters, waitresses, and bartenders	2.89	6.65	8.00	11.13	14.56
Other food service	2.89	2.89	6.15	9.50	10.21
Cooks	6.50	7.00	8.75	12.33	15.19
Kitchen workers, food preparation	9.00	10.25	11.95	14.61	16.57
Food preparation, n.e.c.	6.95	7.35	8.53	11.88	12.87
Health service	6.50	7.00	7.50	12.33	14.56
Nursing aides, orderlies and attendants	9.43	10.00	11.31	13.54	15.95
Cleaning and building service	9.00	9.80	10.50	12.86	14.48
Maids and housemen	7.28	8.68	10.40	12.77	15.98
Janitors and cleaners	7.25	8.00	9.50	10.67	10.67
Personal service	7.50	9.00	10.50	13.67	16.77
	7.73	9.27	12.67	16.55	17.20

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

nonproduction bonuses, and tips.

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

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

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

Table 6-2. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, private industry, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$8.00	\$10.08	\$13.67	\$20.57	\$28.90
All excluding sales	8.50	10.67	14.10	21.06	29.76
White collar	9.10	12.50	19.00	26.44	34.96
White collar excluding sales	11.63	15.17	20.17	28.02	36.95
Professional specialty and technical	16.64	19.23	24.75	30.60	38.68
Professional specialty	17.87	21.85	27.05	33.65	41.83
Engineers, architects, and surveyors	22.17	23.50	26.25	35.34	39.20
Mathematical and computer scientists	20.36	29.04	35.13	39.23	44.60
Computer systems analysts and scientists	20.36	28.43	34.45	38.42	42.03
Natural scientists	—	—	—	—	—
Health related	19.61	22.76	26.67	30.32	36.46
Physicians	17.78	20.77	23.51	73.80	95.19
Registered nurses	20.96	23.27	26.66	29.62	30.62
Teachers, college and university	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—
Social, recreation, and religious workers	11.54	12.30	13.36	18.25	20.31
Social workers	11.54	12.30	13.36	18.25	22.93
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	14.75	17.78	19.23	23.07	28.99
Clinical laboratory technologists and technicians	13.89	21.15	23.07	27.25	28.40
Radiological technicians	19.97	21.89	22.99	34.42	34.42
Licensed practical nurses	17.50	18.72	20.01	21.61	23.90
Executive, administrative, and managerial	17.31	19.57	26.44	33.46	42.63
Executives, administrators, and managers	19.57	20.88	28.90	33.46	45.86
Managers and administrators, n.e.c.	24.05	29.76	33.46	33.99	67.31
Management related	15.53	18.93	22.88	31.49	40.95
Sales	7.02	7.75	9.20	13.75	22.78
Cashiers	7.00	7.25	7.88	8.50	9.60
Administrative support, including clerical	10.20	11.48	13.91	16.63	20.33
Secretaries	10.33	11.75	14.58	16.79	21.66
Receptionists	10.30	11.50	12.64	13.49	13.51
Investigators and adjusters, except insurance	8.60	11.46	14.95	17.19	19.85
General office clerks	11.04	12.90	14.42	15.67	17.27
Blue collar	8.00	9.62	12.89	16.05	21.32
Precision production, craft, and repair	10.44	13.00	17.94	23.78	27.07
Industrial machinery repairers	11.82	12.80	15.30	15.92	23.75
Supervisors, production	14.42	15.14	18.50	20.08	26.77
Electrical and electronic equipment assemblers ..	8.89	9.30	10.81	12.50	13.31
Machine operators, assemblers, and inspectors	8.00	9.18	11.45	13.41	14.70
Winding and twisting machine operators	9.62	9.62	12.33	13.52	14.39
Miscellaneous machine operators, n.e.c.	8.00	10.50	11.45	13.49	13.96
Assemblers	7.25	8.00	9.24	11.00	12.59
Transportation and material moving	11.10	11.97	13.70	17.32	18.95
Truck drivers	12.50	15.00	17.32	18.95	18.95
Industrial truck and tractor equipment operators ..	10.74	12.95	13.40	15.94	18.95
Handlers, equipment cleaners, helpers, and laborers	6.20	7.20	9.62	13.40	16.35
Stock handlers and baggers	6.95	7.30	8.00	13.00	20.63
Freight, stock, and material handlers, n.e.c.	7.25	8.65	12.25	13.21	13.84
Hand packers and packagers	6.15	6.15	7.15	9.62	11.21
Laborers, except construction, n.e.c.	6.20	8.00	11.68	12.15	13.84
Service	7.00	8.50	10.00	11.98	14.08
Protective service	—	—	—	—	—
Food service	2.89	6.45	7.50	10.25	12.98

See footnotes at end of table.

Table 6-2. **Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, private industry, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — Continued**

Occupation ³	Private industry				
	10	25	Median 50	75	90
Service –Continued					
Food service –Continued					
Waiters, waitresses, and bartenders	\$2.89	\$2.89	\$6.15	\$9.50	\$10.21
Other food service	6.50	7.00	7.75	11.88	14.61
Cooks	8.00	10.25	11.03	14.78	16.57
Health service	9.25	9.97	11.00	12.96	15.41
Nursing aides, orderlies and attendants	9.00	9.60	10.25	12.16	13.94
Cleaning and building service	7.14	8.50	10.40	10.67	12.77
Maids and housemen	7.25	8.00	9.50	10.67	10.67
Janitors and cleaners	7.10	8.50	10.40	10.67	13.67
Personal service	7.73	8.90	10.02	13.82	17.20

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

nonproduction bonuses, and tips.

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

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

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

Table 6-3. Hourly wage percentiles for establishment jobs,¹ all workers:² Selected occupations, State and local government, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$13.79	\$17.01	\$22.39	\$33.46	\$49.32
All excluding sales	13.79	17.01	22.39	33.46	49.32
White collar	14.00	20.63	28.02	40.66	52.66
White collar excluding sales	14.00	20.63	28.02	40.66	52.66
Professional specialty and technical	21.92	28.02	34.43	47.60	55.45
Professional specialty	21.97	28.56	34.52	47.74	55.53
Engineers, architects, and surveyors	-	-	-	-	-
Natural scientists	-	-	-	-	-
Health related	23.42	27.59	29.53	31.12	34.43
Registered nurses	23.42	27.59	29.53	31.12	34.43
Teachers, college and university	-	-	-	-	-
Teachers, except college and university	27.53	32.52	38.23	47.74	51.98
Elementary school teachers	26.85	32.02	38.01	45.69	52.81
Secondary school teachers	25.36	32.11	37.70	45.07	50.06
Teachers, special education	28.02	31.00	37.70	48.85	51.98
Social scientists and urban planners	-	-	-	-	-
Social, recreation, and religious workers	-	-	-	-	-
Lawyers and judges	-	-	-	-	-
Technical	-	-	-	-	-
Executive, administrative, and managerial	19.30	22.78	31.08	45.94	53.41
Executives, administrators, and managers	24.59	27.73	40.85	49.32	63.70
Administrators, education and related fields	33.95	45.35	49.32	52.66	54.46
Management related	-	-	-	-	-
Administrative support, including clerical	11.50	13.54	16.93	21.56	24.10
Secretaries	8.00	13.25	18.69	22.97	23.95
Teachers' aides	10.05	11.15	12.65	13.54	17.94
Blue collar	13.61	15.05	16.88	18.39	21.06
Precision production, craft, and repair	15.29	16.78	18.39	20.41	21.37
Machine operators, assemblers, and inspectors	-	-	-	-	-
Transportation and material moving	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers	-	-	-	-	-
Service	13.59	15.98	19.45	21.40	23.18
Protective service	16.59	19.45	21.29	23.18	25.26
Police and detectives, public service	16.59	21.01	21.29	23.18	23.18
Food service	11.95	13.12	13.93	14.89	16.88
Other food service	11.95	13.12	13.93	14.89	16.88
Health service	-	-	-	-	-
Cleaning and building service	12.88	14.17	15.98	17.00	17.89
Janitors and cleaners	12.88	14.17	15.98	17.00	17.89
Personal service	-	-	-	-	-

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

nonproduction bonuses, and tips.

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

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

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

Table 6-4. Hourly wage percentiles for establishment jobs,¹ full-time workers:² Selected occupations, all industries, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	10	25	Median 50	75	90
All	\$9.18	\$11.89	\$16.76	\$23.90	\$34.62
All excluding sales	9.52	12.26	17.00	24.50	35.43
White collar	11.10	15.38	21.33	30.65	42.30
White collar excluding sales	12.51	16.60	22.28	32.37	44.33
Professional specialty and technical	17.35	20.47	27.45	36.95	48.92
Professional specialty	19.33	23.23	30.20	38.96	50.33
Engineers, architects, and surveyors	22.17	23.50	27.98	34.99	38.94
Mathematical and computer scientists	20.36	28.85	35.06	39.42	44.60
Computer systems analysts and scientists	20.36	28.26	34.17	38.42	42.03
Natural scientists	—	—	—	—	—
Health related	19.61	22.33	26.68	30.51	38.96
Physicians	17.78	20.77	23.51	73.80	95.19
Registered nurses	21.41	22.98	26.44	29.81	31.15
Teachers, college and university	35.42	44.69	54.19	70.43	78.78
Teachers, except college and university	24.17	31.12	37.70	47.29	51.98
Elementary school teachers	26.85	32.02	38.01	45.69	52.81
Secondary school teachers	25.25	30.14	37.33	43.70	50.06
Teachers, special education	28.02	31.00	37.70	48.85	51.98
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	11.54	12.98	17.57	21.97	27.46
Social workers	11.54	12.98	17.57	21.97	27.46
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	14.90	17.66	19.23	23.07	28.99
Licensed practical nurses	17.48	18.72	20.01	21.99	24.00
Executive, administrative, and managerial	19.30	21.63	28.08	40.38	50.91
Executives, administrators, and managers	19.57	24.37	31.13	41.83	53.41
Administrators, education and related fields	33.95	35.51	49.32	52.66	54.46
Managers and administrators, n.e.c.	21.87	26.69	33.46	41.83	52.66
Management related	15.48	18.93	22.14	26.21	33.65
Accountants and auditors	22.42	22.42	22.88	31.49	31.49
Management related, n.e.c.	15.48	15.48	17.45	20.50	23.08
Sales	7.30	8.06	10.50	18.81	24.32
Administrative support, including clerical	10.38	12.02	14.90	18.44	22.32
Secretaries	10.20	12.29	15.22	18.69	22.74
Typists	14.84	15.53	17.42	18.46	19.00
Receptionists	11.50	12.48	12.89	13.51	14.95
Investigators and adjusters, except insurance	9.18	12.06	15.38	17.88	19.85
General office clerks	11.44	13.43	14.44	16.24	18.65
Teachers' aides	10.05	11.28	12.69	14.31	17.94
Administrative support, n.e.c.	13.59	16.36	19.75	23.93	28.84
Blue collar	8.63	10.08	13.40	17.32	21.37
Precision production, craft, and repair	10.75	14.00	18.00	22.65	27.07
Industrial machinery repairers	11.82	12.80	15.30	15.92	23.75
Supervisors, production	14.42	15.14	18.50	20.08	26.77
Electrical and electronic equipment assemblers ..	8.89	9.30	10.81	12.50	13.31
Machine operators, assemblers, and inspectors	8.25	9.23	11.64	13.41	15.07
Winding and twisting machine operators	9.62	9.62	12.33	13.52	14.39
Miscellaneous machine operators, n.e.c.	8.00	10.50	11.45	13.49	13.96
Transportation and material moving	11.82	12.50	15.41	18.95	18.95
Truck drivers	12.50	15.00	17.32	18.95	18.95
Industrial truck and tractor equipment operators ..	10.74	12.95	13.40	15.94	18.95
Handlers, equipment cleaners, helpers, and laborers	6.20	8.70	13.00	14.96	16.88
Freight, stock, and material handlers, n.e.c.	7.25	9.67	12.70	13.21	14.26
Hand packers and packagers	6.15	6.20	7.50	9.62	11.95
Laborers, except construction, n.e.c.	6.20	8.70	12.15	14.07	14.96

See footnotes at end of table.

Table 6-4. **Hourly wage percentiles for establishment jobs,¹ full-time workers:² Selected occupations, all industries, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002 — Continued**

Occupation ³	10	25	Median 50	75	90
Service	\$8.90	\$10.00	\$12.28	\$17.13	\$21.40
Protective service	9.00	12.61	20.38	22.39	25.26
Police and detectives, public service	16.59	21.01	21.29	23.18	23.18
Food service	7.20	9.50	10.52	13.12	15.19
Waiters, waitresses, and bartenders	—	—	—	—	—
Other food service	7.45	10.25	12.31	13.93	16.57
Cooks	10.25	10.25	13.00	14.61	16.57
Health service	9.12	10.00	11.16	14.00	16.99
Health aides, except nursing	9.53	11.31	12.63	16.19	18.31
Nursing aides, orderlies and attendants	9.00	9.90	10.25	12.50	15.07
Cleaning and building service	8.68	10.40	10.67	13.67	16.41
Janitors and cleaners	9.50	10.40	10.67	14.59	16.80
Personal service	8.72	9.51	13.32	16.66	17.42

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

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

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

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

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

Table 6-5. Hourly wage percentiles for establishment jobs,¹ part-time workers:² Selected occupations, all industries, National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002

Occupation ³	10	25	Median 50	75	90
All	\$6.40	\$7.25	\$9.50	\$13.70	\$24.69
All excluding sales	6.25	7.30	11.00	14.00	26.62
White collar	7.20	8.25	11.00	22.99	28.00
White collar excluding sales	10.68	11.38	18.89	26.97	30.55
Professional specialty and technical	19.84	23.01	26.68	28.05	30.55
Professional specialty	20.84	24.34	27.96	29.64	31.00
Mathematical and computer scientists	—	—	—	—	—
Health related	20.94	24.34	27.25	29.36	30.55
Registered nurses	21.63	25.32	27.96	29.61	30.55
Teachers, except college and university	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—
Technical	13.89	19.97	21.65	22.99	23.79
Executive, administrative, and managerial	—	—	—	—	—
Management related	—	—	—	—	—
Sales	6.65	7.20	8.00	9.50	10.23
Cashiers	6.75	7.00	7.75	8.50	9.50
Administrative support, including clerical	8.60	10.86	11.18	13.79	15.55
Secretaries	9.50	11.18	11.18	15.01	15.90
Blue collar	6.15	6.75	7.50	11.40	13.84
Precision production, craft, and repair	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	6.75	6.95	7.30	7.97	8.75
Stock handlers and baggers	6.75	7.00	7.30	7.75	8.00
Service	6.00	6.75	8.35	11.26	13.82
Protective service	—	—	—	—	—
Food service	2.89	6.15	6.75	7.50	8.50
Waiters, waitresses, and bartenders	—	—	—	—	—
Other food service	6.25	6.75	7.15	7.70	8.75
Health service	9.43	9.90	11.64	12.96	13.88
Nursing aides, orderlies and attendants	9.43	9.63	10.90	13.08	13.82
Cleaning and building service	6.75	7.00	7.50	8.50	9.95
Janitors and cleaners	6.50	7.00	7.50	8.50	10.35
Personal service	—	—	—	—	—

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

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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 Providence–Fall River–Warwick, RI–MA, Metropolitan Statistical Area includes:

- Three towns in Bristol County, RI
- The city of Warwick; and four towns in Kent County, RI
- Three towns in Newport County, RI
- The cities of Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket; and 10 towns in Providence County, RI
- Six towns in Washington County, RI
- The cities of Attleboro and Fall River, and six towns in Bristol County, MA

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. Approximately one-fifth of the sample is reselected each year.

Sample design

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

Data collection

The collection of data from survey respondents required detailed procedures. Field economists collected the data, working out of the Regional Office and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to follow-up and update data.

Occupational selection and classification

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

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the Census of Population system
3. Characterization of jobs as full-time v. part-time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

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

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

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

The number of jobs for which data were collected in each establishment was based on the establishment's employment size. Prior to 2002, the number of jobs selected ranged from 8 to 20. Beginning in 2002, the number of jobs selected followed this schedule:

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

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

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

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

Appendix B contains a complete list of all individual occupations, classified by the MOG to which they belong.

In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based

on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being in a union job or a nonunion job. See the "Definition of terms" section on the following page for more detail.

Occupational leveling

In the last step before wage data were collected, the work level of each selected job was determined using an "occupational leveling" process. Occupational leveling ranks and compares all occupations randomly selected in an establishment using the same criteria.

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

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

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

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

Wage data collected in prior surveys using the occupational leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 occupational leveling factors (and levels within those factors). The analysis showed that several of the occupational leveling factors, most notably knowledge and supervision received,

had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased.

Collection period

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

Earnings

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

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

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

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

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers, exempt from overtime provisions, often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

Definition of terms

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

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

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

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

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

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

Union worker. Any employee is in a union occupation when all of the following conditions are met:

- A labor organization is recognized as the bargaining agent for all workers in the occupation
- Wage and salary rates are determined through collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement

Processing and analyzing the data

Data were processed and analyzed at the Bureau's National Office following collection.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate data for the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of data for the nonrespondents equals the mean value of

data for the respondents at some detailed “cell” level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group and job level.

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

Survey response

	<i>Establish- ments</i>
Total in sampling frame	1,587
Total in sample	217
Responding	141
Out of business or not in survey scope	26
Unable or refused to provide data	50

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

Estimation

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

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

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

Percentiles

The percentiles presented in tables 6–1 through 6–5 are computed using earnings reported for individual workers in sampled establishment jobs. Establishments in the survey may report only individual-worker earnings for each sam-

pled job. For the calculation of percentile estimates, the individual-worker hourly earnings are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution within each published occupation. For example, at the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth of the workers receive the same as or less than the rate shown. At the 75th percentile, one-fourth receive the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

Data reliability

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

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

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

The standard error can be used to calculate a “confidence interval” around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$12.79, with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for the estimate is \$13.55 to \$12.03 (1.645 times 3.6 percent times \$12.79 = \$0.76, plus or minus \$12.79). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

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

Appendix table 1. **Number of workers¹ represented by the survey, by occupational group,² National Compensation Survey, Providence-Fall River-Warwick, RI-MA, December 2002**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	219,700	170,300	49,400
All excluding sales	202,300	152,900	49,400
White collar	119,200	84,300	34,900
White-collar excluding sales	101,800	66,900	34,900
Professional specialty and technical	52,600	34,200	18,400
Professional specialty	42,700	24,500	18,300
Technical	9,800	9,700	—
Executive, administrative, and managerial	17,100	9,800	7,300
Sales	17,400	17,400	—
Administrative support, including clerical	32,200	22,900	9,300
Blue collar	60,400	56,400	4,000
Precision production, craft, and repair	17,700	15,300	2,400
Machine operators, assemblers, and inspectors	25,900	25,800	—
Transportation and material moving	6,900	—	—
Handlers, equipment cleaners, helpers, and laborers	9,900	8,600	—
Service	40,100	29,700	10,500

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

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

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