

Boston–Worcester–Manchester, MA–NH National Compensation Survey October 2010



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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 establishments and government agencies that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the back cover of this bulletin. You may also write to the Bureau of Labor Statistics at:

Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212-0001, call (202) 691-6199, or send an e-mail to NCSinfo@bls.gov.

The data contained in this bulletin are also available at <http://www.bls.gov/ncs/ocs/compub.htm>, the BLS Internet site. Data are presented in a Portable Document Format (PDF) file containing the core bulletin, and in an ASCII file containing the published table formats.

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

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Introduction

The tables in this bulletin summarize the NCS results for the Boston–Worcester–Manchester, MA–NH, Combined Statistical Area (CSA). Data were collected between February 2010 and April 2011; the average reference month is October 2010. 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 an appendix with detailed information on occupational classifications.

Most of the earnings estimates in this bulletin are presented as mean hourly earnings. Mean weekly and annual earnings, and the corresponding hours, also are provided for full-time employees in specific occupations. Some occupations, such as teachers and fire fighters, typically have shorter or longer work schedules than do the majority of full-time workers. The weekly and annual estimates are useful for comparing the earnings of occupations having different work schedules.

NCS products

The Bureau's National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, benefit incidence, and detailed plan provisions. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, is derived from the NCS. Employer Costs for Employee Compensation measures employers' average hourly costs for wages and benefits. NCS also measures the incidence and provisions of benefit plans. This bulletin is limited to data on occupational wages and salaries.

About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 800 detailed occupations, listed in Appendix B, 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 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 es-

tablishment characteristics. The worker characteristics include high-level and intermediate occupational aggregation, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods producing, service providing, and size of establishment.

Table 2 presents mean hourly earnings data by work level for occupational major groups and for detailed occupations. Separate data are also shown for full-time and part-time workers. Table 3 provides work level data for private industry workers. Table 4 provides similar data for State and local government workers. Table 5 simplifies the work levels by combining them into broader groups within major and detailed occupations, and for full-time and part-time workers.

Tables 6 through 10 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.

Table 11 presents mean and median hourly, weekly, and annual earnings, and the associated hours, for major occupational groups and detailed occupations for full-time workers. Table 12 provides the same type of information for private industry workers. Table 13 provides similar data for State and local government workers.

Table 14 presents mean hourly earnings data for establishment employment sizes by high-level occupational aggregations in the private sector. Tables 15 and 16 provide mean and median hourly, weekly, and annual earnings data for full-time employees in private establishments with fewer than 100 workers, and in private establishments with 100 workers or more.

Table 17 presents mean hourly earnings data for union and nonunion workers in all, private, and State and local government establishments by high-level occupational aggregation. Table 18 provides hourly earnings data for time and incentive workers in all and private establishments by high-level occupational aggregation. Table 19 presents mean hourly earnings data for major industry divisions within the private sector.

Appendix table 1 presents the number of workers represented by the survey, by high-level occupational aggregation and for all industries, private industry, and State and local government. Appendix table 2 provides the number of establishments in the sampling frame and the number of responding and nonresponding establishments.

Table 1. Summary: Mean hourly earnings¹ and weekly hours for selected worker and establishment characteristics, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Worker and establishment characteristics	Civilian workers			Private industry workers			State and local government workers		
	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)	
All workers	\$26.76	2.1	34.0	\$26.27	2.3	34.0	\$30.86	2.5	33.8
Worker characteristics^{4,5}									
Management, professional, and related	39.48	2.6	36.7	39.73	2.9	37.2	37.89	2.7	33.8
Management, business, and financial	43.44	3.9	39.1	43.84	4.2	39.3	39.12	5.2	36.7
Professional and related	37.40	1.8	35.6	37.37	2.2	36.1	37.56	2.5	33.1
Service	14.55	1.9	28.4	12.76	1.7	27.6	24.57	2.2	34.4
Sales and office	19.48	1.9	32.9	19.36	1.9	33.1	21.28	6.4	29.8
Sales and related	20.03	4.0	31.4	20.15	3.9	31.6	—	—	—
Office and administrative support	19.10	1.5	34.0	18.79	1.6	34.3	22.43	2.9	31.1
Natural resources, construction, and maintenance	27.08	5.0	38.7	27.23	5.5	38.7	25.68	3.4	39.4
Construction and extraction	28.08	6.3	38.3	28.13	6.9	38.2	27.54	6.0	39.5
Installation, maintenance, and repair	25.89	8.9	39.5	26.19	9.6	39.5	23.11	6.9	39.4
Production, transportation, and material moving	16.97	5.2	35.6	16.76	5.4	35.6	21.99	8.0	36.9
Production	17.27	4.7	38.7	17.21	4.8	38.7	—	—	—
Transportation and material moving	16.71	7.7	33.3	16.34	8.3	33.1	22.01	8.2	36.4
Full time	28.72	2.4	39.2	28.34	2.7	39.4	31.66	2.3	37.5
Part time	14.95	3.4	19.0	14.67	3.6	19.3	20.10	9.9	14.6
Union	30.03	1.9	34.4	27.93	3.1	32.9	32.31	2.6	36.4
Nonunion	26.15	2.5	33.9	26.10	2.6	34.2	27.35	6.6	28.9
Time	26.71	2.2	33.9	26.19	2.5	33.9	30.86	2.5	33.8
Incentive	28.37	16.0	38.7	28.37	16.0	38.7	—	—	—
Establishment characteristics									
Goods producing	(⁶)	(⁶)	(⁶)	27.79	3.2	39.3	(⁶)	(⁶)	(⁶)
Service providing	(⁶)	(⁶)	(⁶)	25.99	2.6	33.2	(⁶)	(⁶)	(⁶)
1-99 workers	22.15	4.0	33.1	22.01	4.2	33.3	25.21	6.4	29.2
100-499 workers	26.33	3.8	34.4	25.66	4.5	34.2	30.76	3.7	35.8
500 workers or more	35.65	3.9	35.5	36.24	4.6	35.7	33.20	3.3	34.5

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. See appendix A for more information.

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 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

⁶ Estimates for goods-producing and service-providing industries are published for private industry only. Industries are determined by the 2007 North American Industry Classification System (NAICS).

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010**

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$26.76	2.1	\$28.72	2.4	\$14.95	3.4
Management occupations	49.68	3.9	49.65	3.9	—	—
Level 7	21.67	4.6	21.67	4.6	—	—
Level 8	25.85	6.1	25.85	6.1	—	—
Level 9	34.15	7.1	34.15	7.1	—	—
Level 10	37.68	8.3	37.68	8.3	—	—
Level 11	46.70	2.2	46.70	2.2	—	—
Level 12	68.47	6.3	68.56	6.3	—	—
Level 13	81.52	9.6	81.52	9.6	—	—
Not able to be leveled	56.45	5.7	56.61	5.8	—	—
General and operations managers	62.23	10.2	62.23	10.2	—	—
Not able to be leveled	68.20	4.3	68.20	4.3	—	—
Marketing and sales managers	54.40	9.7	54.40	9.7	—	—
Level 11	50.09	4.5	50.09	4.5	—	—
Not able to be leveled	51.66	10.7	51.66	10.7	—	—
Marketing managers	56.67	15.3	56.67	15.3	—	—
Not able to be leveled	46.70	3.3	46.70	3.3	—	—
Sales managers	50.39	12.3	50.39	12.3	—	—
Computer and information systems managers	55.12	8.9	55.12	8.9	—	—
Level 12	55.96	1.7	55.96	1.7	—	—
Financial managers	58.64	4.4	58.64	4.4	—	—
Level 12	66.15	7.1	66.15	7.1	—	—
Not able to be leveled	66.64	7.3	66.64	7.3	—	—
Human resources managers	42.51	6.9	42.51	6.9	—	—
Purchasing managers	42.67	13.9	42.67	13.9	—	—
Education administrators	50.36	5.8	50.65	6.0	—	—
Level 11	53.63	4.5	53.63	4.5	—	—
Not able to be leveled	47.48	8.6	48.42	9.7	—	—
Education administrators, elementary and secondary school	56.82	9.4	56.82	9.4	—	—
Level 11	54.69	15.6	54.69	15.6	—	—
Education administrators, postsecondary	48.05	6.5	48.37	6.9	—	—
Level 11	53.26	2.8	53.26	2.8	—	—
Engineering managers	55.21	4.3	55.21	4.3	—	—
Medical and health services managers	38.16	3.1	36.56	3.6	—	—
Social and community service managers	31.71	9.7	31.71	9.7	—	—
Business and financial operations occupations	33.08	4.6	33.11	4.6	32.35	17.1
Level 6	21.49	9.4	21.60	10.7	—	—
Level 7	23.14	9.9	23.36	9.3	—	—
Level 8	27.45	4.2	27.45	4.2	—	—
Level 9	29.86	5.7	29.60	6.0	—	—
Level 10	38.17	6.5	38.17	6.5	—	—
Level 11	45.62	9.1	44.68	10.4	—	—
Level 12	62.22	13.2	62.22	13.2	—	—
Not able to be leveled	34.53	9.5	34.53	9.5	—	—
Buyers and purchasing agents	28.90	14.0	28.70	14.5	—	—
Level 9	31.69	10.1	—	—	—	—
Not able to be leveled	20.67	4.9	20.67	4.9	—	—
Wholesale and retail buyers, except farm products	23.26	21.0	23.26	21.0	—	—
Purchasing agents, except wholesale, retail, and farm products	33.06	14.8	32.96	15.7	—	—
Claims adjusters, appraisers, examiners, and investigators	29.58	12.6	28.65	15.1	—	—
Claims adjusters, examiners, and investigators	29.37	14.5	28.29	17.9	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	26.69	13.6	26.70	15.8	—	—
Human resources, training, and labor relations specialists	30.38	7.1	31.28	7.1	—	—
Not able to be leveled	37.85	7.9	37.85	7.9	—	—
Training and development specialists	33.78	6.9	35.80	4.7	—	—
Management analysts	45.96	12.8	45.96	12.8	—	—
Accountants and auditors	28.79	2.9	28.37	2.4	—	—
Level 8	29.02	8.8	29.02	8.8	—	—
Not able to be leveled	25.75	16.0	25.75	16.0	—	—
Financial analysts and advisors	44.02	7.0	44.78	6.9	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Business and financial operations occupations						
–Continued						
Financial analysts and advisors –Continued						
Not able to be leveled	\$51.45	5.4	\$51.45	5.4	–	–
Financial analysts	47.71	8.9	47.71	8.9	–	–
Not able to be leveled	56.89	11.4	56.89	11.4	–	–
Computer and mathematical science occupations	41.93	7.0	42.04	7.0	–	–
Level 6	21.40	6.2	21.40	6.2	–	–
Level 7	27.45	4.1	27.45	4.1	–	–
Level 8	35.01	14.9	35.01	14.9	–	–
Level 9	40.12	2.5	40.12	2.5	–	–
Level 10	44.04	2.6	44.04	2.6	–	–
Level 11	51.79	.8	51.79	.8	–	–
Level 12	66.41	11.2	66.41	11.2	–	–
Not able to be leveled	38.08	7.1	38.48	7.0	–	–
Computer programmers	34.85	7.6	34.85	7.6	–	–
Computer software engineers	50.24	5.3	50.24	5.3	–	–
Level 9	39.12	7.0	39.12	7.0	–	–
Level 10	46.50	1.7	46.50	1.7	–	–
Level 11	52.51	6.5	52.51	6.5	–	–
Level 12	66.94	12.7	66.94	12.7	–	–
Not able to be leveled	44.93	6.3	44.93	6.3	–	–
Computer software engineers, applications	52.33	8.9	52.33	8.9	–	–
Not able to be leveled	45.17	6.2	45.17	6.2	–	–
Computer software engineers, systems software	48.86	6.2	48.86	6.2	–	–
Level 11	56.41	7.4	56.41	7.4	–	–
Not able to be leveled	44.87	8.5	44.87	8.5	–	–
Computer support specialists	35.24	10.2	35.24	10.2	–	–
Level 7	26.53	4.2	26.53	4.2	–	–
Not able to be leveled	29.42	10.0	29.42	10.0	–	–
Computer systems analysts	42.41	2.3	42.41	2.3	–	–
Not able to be leveled	39.07	5.4	39.07	5.4	–	–
Network and computer systems administrators	35.44	7.0	36.27	6.2	–	–
Level 11	54.01	4.2	54.01	4.2	–	–
Network systems and data communications analysts	33.56	7.0	33.56	7.0	–	–
Architecture and engineering occupations	40.24	2.1	39.87	1.9	–	–
Level 7	28.59	3.2	28.59	3.2	–	–
Level 8	34.54	3.6	34.54	3.6	–	–
Level 9	40.19	4.9	38.94	4.5	–	–
Level 10	44.64	5.8	44.64	5.8	–	–
Level 11	44.89	1.9	44.89	1.9	–	–
Level 12	55.21	4.2	56.11	4.3	–	–
Not able to be leveled	56.27	7.3	56.27	7.3	–	–
Architects, except naval	30.12	10.9	–	–	–	–
Architects, except landscape and naval	30.91	14.3	–	–	–	–
Engineers	46.88	3.8	46.74	4.4	–	–
Level 9	38.28	5.5	38.28	5.5	–	–
Level 10	44.64	5.8	44.64	5.8	–	–
Level 11	48.67	5.3	48.67	5.3	–	–
Level 12	55.21	4.2	56.11	4.3	–	–
Not able to be leveled	61.09	11.8	61.09	11.8	–	–
Electrical and electronics engineers	43.67	5.8	43.67	5.8	–	–
Level 11	47.29	2.4	47.29	2.4	–	–
Not able to be leveled	43.41	8.6	43.41	8.6	–	–
Electrical engineers	45.76	4.6	45.76	4.6	–	–
Electronics engineers, except computer	42.60	8.1	42.60	8.1	–	–
Mechanical engineers	42.91	2.5	42.91	2.5	–	–
Engineering technicians, except drafters	29.37	5.6	29.37	5.6	–	–
Level 7	30.61	8.9	30.61	8.9	–	–
Electrical and electronic engineering technicians	31.54	6.4	31.54	6.4	–	–
Life, physical, and social science occupations	36.73	8.6	36.80	8.7	–	–
Level 9	31.88	16.0	31.88	16.0	–	–
Level 11	38.35	11.8	38.27	12.0	–	–

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Life, physical, and social science occupations —Continued						
Not able to be leveled	\$31.85	10.1	\$32.15	10.9	—	—
Life scientists	39.23	12.5	39.23	12.5	—	—
Biological scientists	45.49	10.1	45.49	10.1	—	—
Medical scientists	36.26	22.8	36.26	22.8	—	—
Physical scientists	36.05	17.5	36.05	17.5	—	—
Chemists and materials scientists	49.78	11.4	49.78	11.4	—	—
Psychologists	27.38	8.4	—	—	—	—
Community and social services occupations	21.71	8.3	21.89	9.1	\$19.94	13.9
Level 5	12.15	7.5	12.30	8.7	—	—
Level 6	13.54	8.8	13.54	8.8	—	—
Level 7	20.31	3.5	20.23	4.3	—	—
Level 9	32.70	5.9	33.03	6.1	—	—
Counselors	23.64	10.7	23.57	11.2	—	—
Level 9	35.01	9.5	35.48	9.7	—	—
Educational, vocational, and school counselors	33.76	10.3	34.31	10.3	—	—
Level 9	40.50	11.5	41.89	10.5	—	—
Social workers	25.55	9.3	25.40	9.7	—	—
Level 7	21.33	5.9	20.92	5.7	—	—
Level 9	32.87	9.6	33.21	10.0	—	—
Child, family, and school social workers	25.79	21.8	25.79	21.8	—	—
Miscellaneous community and social service specialists	14.58	11.9	13.95	13.5	—	—
Social and human service assistants	13.51	10.4	13.11	11.3	—	—
Legal occupations	52.76	14.5	53.79	14.8	—	—
Lawyers	73.42	7.6	73.42	7.6	—	—
Education, training, and library occupations	35.99	6.8	37.02	6.5	25.72	15.9
Level 3	14.79	1.6	—	—	—	—
Level 4	14.43	12.1	14.63	12.2	12.60	19.5
Level 6	15.82	11.5	—	—	16.37	13.2
Level 7	—	—	18.50	21.2	—	—
Level 8	43.07	11.3	43.08	11.3	—	—
Level 9	41.65	4.6	41.61	4.8	42.57	6.9
Level 10	45.44	2.5	44.78	2.2	—	—
Level 11	46.81	2.3	45.07	5.2	—	—
Level 12	63.41	3.7	63.41	3.7	—	—
Not able to be leveled	33.92	16.4	35.87	17.5	18.15	21.5
Postsecondary teachers	52.75	3.3	53.22	4.1	46.31	18.3
Level 9	41.28	3.8	42.13	4.3	—	—
Level 10	44.59	2.2	44.78	2.2	—	—
Level 11	45.73	.9	43.72	5.5	—	—
Level 12	63.41	3.7	63.41	3.7	—	—
Not able to be leveled	51.11	9.6	50.82	9.9	60.43	22.5
Life sciences teachers, postsecondary	81.23	5.9	82.15	6.0	—	—
Biological science teachers, postsecondary	81.23	5.9	82.15	6.0	—	—
Physical sciences teachers, postsecondary	65.13	5.3	65.13	5.3	—	—
Social sciences teachers, postsecondary	50.55	4.9	—	—	—	—
Health teachers, postsecondary	56.59	15.8	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	47.06	14.7	46.07	14.4	—	—
Miscellaneous postsecondary teachers	45.04	4.6	45.17	7.5	44.37	18.8
Level 11	42.43	5.8	—	—	—	—
Primary, secondary, and special education school teachers	37.22	10.8	37.74	9.5	—	—
Level 8	50.50	6.3	50.50	6.3	—	—
Level 9	43.57	4.1	43.45	4.1	—	—
Preschool and kindergarten teachers	17.58	28.8	17.42	24.2	—	—
Preschool teachers, except special education	16.59	28.8	16.31	23.8	—	—
Elementary and middle school teachers	46.06	1.4	46.21	1.5	—	—
Level 9	46.11	1.5	46.09	1.5	—	—
Elementary school teachers, except special education	46.51	1.8	46.71	1.9	—	—
Level 9	46.58	1.7	46.55	1.8	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Education, training, and library occupations —Continued						
Middle school teachers, except special and vocational education	\$44.70	1.5	\$44.70	1.5	—	—
Level 9	44.72	1.2	44.72	1.2	—	—
Secondary school teachers	44.28	2.2	44.28	2.2	—	—
Level 9	43.47	2.4	43.47	2.4	—	—
Secondary school teachers, except special and vocational education	44.28	2.2	44.28	2.2	—	—
Level 9	43.47	2.4	43.47	2.4	—	—
Special education teachers	47.93	4.2	47.00	2.4	—	—
Level 9	46.22	1.5	44.84	2.0	—	—
Special education teachers, preschool, kindergarten, and elementary school	49.17	10.7	48.01	9.3	—	—
Level 9	47.05	8.8	—	—	—	—
Other teachers and instructors	24.65	5.5	24.76	15.9	\$24.45	23.0
Level 6	20.96	18.1	—	—	—	—
Level 9	28.44	22.9	—	—	—	—
Self-enrichment education teachers	26.15	19.7	—	—	—	—
Librarians	28.41	19.7	—	—	—	—
Teacher assistants	15.01	10.1	15.18	11.3	14.13	10.7
Level 3	14.79	1.6	—	—	—	—
Level 4	14.43	12.1	14.63	12.2	12.60	19.5
Arts, design, entertainment, sports, and media occupations						
Not able to be leveled	27.86	8.9	27.99	9.2	—	—
Designers	29.25	13.2	29.37	13.5	—	—
Athletes, coaches, umpires, and related workers	26.78	10.6	26.78	10.6	—	—
Not able to be leveled	32.47	11.4	—	—	—	—
Coaches and scouts	32.47	11.4	—	—	—	—
Not able to be leveled	32.47	11.4	—	—	—	—
Writers and editors	32.47	11.4	—	—	—	—
Editors	39.11	9.8	39.61	10.9	—	—
Editors	36.96	8.7	37.43	9.8	—	—
Healthcare practitioner and technical occupations						
Level 4	37.01	5.9	36.90	9.2	37.32	5.4
Level 5	17.08	7.2	16.85	8.0	—	—
Level 6	22.70	4.3	23.19	5.7	21.14	2.2
Level 7	27.23	2.6	27.08	3.9	27.81	5.2
Level 8	29.18	5.9	28.65	5.6	30.21	8.6
Level 9	39.35	2.9	38.50	7.6	40.77	8.6
Level 10	40.76	5.3	37.89	5.8	45.28	3.7
Level 11	37.03	5.3	37.03	5.3	—	—
Not able to be leveled	56.20	6.4	56.44	6.4	—	—
Physicians and surgeons	37.96	15.7	37.93	16.7	—	—
Not able to be leveled	70.03	24.3	70.01	24.5	—	—
Registered nurses	67.10	25.3	67.10	25.3	—	—
Level 7	41.48	2.5	40.50	2.6	44.03	3.9
Level 8	31.37	5.5	30.55	5.9	32.86	6.9
Level 9	41.17	7.3	39.11	9.0	48.23	7.9
Not able to be leveled	41.24	4.5	38.60	4.9	46.28	3.0
Therapists	39.62	9.5	39.32	9.6	—	—
Physical therapists	35.50	3.5	35.55	1.6	35.43	8.5
Clinical laboratory technologists and technicians	35.59	3.7	35.55	1.6	—	—
Medical and clinical laboratory technologists	26.34	9.8	24.93	15.3	28.45	3.3
Medical and clinical laboratory technicians	30.82	4.1	—	—	32.49	.4
Health diagnosing and treating practitioner support technicians	19.22	1.2	—	—	—	—
Licensed practical and licensed vocational nurses	17.26	8.3	16.37	6.6	—	—
Level 5	24.77	4.0	25.19	3.5	—	—
Level 6	23.17	4.3	—	—	—	—
Medical records and health information technicians	26.50	9.0	—	—	—	—
Level 3	15.91	3.4	16.04	3.6	—	—
Healthcare support occupations						
Level 2	14.88	4.9	14.82	4.2	15.05	8.6
Level 3	13.07	5.7	—	—	12.01	7.1
Level 3	13.30	3.5	13.15	3.6	13.68	5.5

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Healthcare support occupations —Continued						
Level 4	\$14.85	7.5	\$14.70	10.3	\$15.14	8.6
Level 5	20.07	12.3	—	—	—	—
Not able to be leveled	17.57	6.9	17.57	6.9	—	—
Nursing, psychiatric, and home health aides	13.19	3.9	13.35	4.6	12.56	3.4
Level 2	13.02	6.0	—	—	—	—
Level 3	13.23	3.1	13.16	4.4	13.52	4.0
Level 4	13.01	8.6	13.32	10.3	11.92	6.8
Home health aides	10.92	3.9	10.93	3.7	10.82	10.3
Level 4	10.56	4.1	—	—	—	—
Nursing aides, orderlies, and attendants	14.41	2.9	14.79	2.4	12.98	1.6
Level 2	12.96	7.2	—	—	—	—
Level 3	14.00	2.9	14.13	2.4	13.53	2.9
Level 4	15.13	3.4	15.96	2.0	12.54	.3
Miscellaneous healthcare support occupations	17.83	3.7	18.69	5.3	16.69	7.5
Level 3	13.69	9.8	—	—	13.88	15.3
Level 4	18.62	11.4	18.76	19.1	18.48	3.7
Level 5	18.16	8.2	—	—	—	—
Medical assistants	17.80	3.3	18.12	2.9	—	—
Level 4	16.02	1.5	—	—	—	—
Protective service occupations						
Level 4	22.16	1.9	23.01	3.0	15.13	27.0
Level 4	12.00	8.5	—	—	—	—
Level 6	27.26	1.4	26.53	2.0	—	—
Level 7	29.18	1.8	29.26	1.7	—	—
Not able to be leveled	25.13	10.3	27.79	15.8	—	—
Fire fighters	25.50	3.3	25.85	1.7	—	—
Bailiffs, correctional officers, and jailers	28.09	.9	28.13	.7	—	—
Level 7	29.76	3.5	29.92	3.4	—	—
Police officers	29.31	9.0	28.46	6.4	—	—
Level 6	28.59	5.7	26.68	2.6	—	—
Level 7	30.48	3.3	30.48	3.3	—	—
Police and sheriff's patrol officers	29.31	9.0	28.46	6.4	—	—
Level 6	28.59	5.7	26.68	2.6	—	—
Level 7	30.48	3.3	30.48	3.3	—	—
Miscellaneous protective service workers	16.36	11.7	—	—	—	—
Food preparation and serving related occupations						
Level 1	10.28	5.5	12.23	3.2	8.02	3.3
Level 1	8.44	2.1	7.96	10.9	8.67	2.0
Level 2	8.66	7.1	9.47	1.4	7.78	12.3
Level 3	10.13	9.7	12.51	8.7	6.89	7.8
Level 4	14.62	3.0	14.66	3.0	—	—
First-line supervisors/managers, food preparation and serving workers	26.56	24.7	26.56	24.7	—	—
First-line supervisors/managers of food preparation and serving workers	23.36	19.9	23.36	19.9	—	—
Cooks	11.61	3.5	12.03	2.6	10.35	12.8
Level 3	12.34	10.5	12.66	9.5	—	—
Level 4	13.65	4.0	13.53	3.9	—	—
Cooks, institution and cafeteria	13.86	5.2	13.85	5.3	—	—
Level 4	13.48	7.0	—	—	—	—
Cooks, restaurant	12.15	8.0	12.53	7.7	11.20	.0
Level 3	11.72	14.5	—	—	—	—
Food service, tipped	5.49	4.9	7.16	5.1	4.92	7.7
Level 1	6.60	18.0	—	—	7.22	14.0
Level 2	5.64	16.9	—	—	5.15	28.3
Level 3	4.41	6.3	—	—	3.49	18.9
Bartenders	5.61	16.6	—	—	5.66	18.0
Waiters and waitresses	3.85	12.9	—	—	3.21	6.2
Level 2	3.13	3.3	—	—	—	—
Level 3	4.43	12.6	—	—	3.22	17.6
Dining room and cafeteria attendants and bartender helpers	8.38	4.4	—	—	8.94	7.1
Level 1	7.70	4.8	—	—	8.62	5.8
Fast food and counter workers	9.68	2.4	10.19	5.8	9.18	.7
Level 1	9.21	2.9	—	—	9.17	5.3

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Food preparation and serving related occupations						
–Continued						
Fast food and counter workers –Continued						
Level 2	\$9.32	1.3	\$9.66	1.6	\$8.76	2.0
Combined food preparation and serving workers, including fast food	10.29	4.8	10.69	11.2	9.75	3.0
Level 2	9.67	4.0	–	–	9.52	6.3
Counter attendants, cafeteria, food concession, and coffee shop	9.23	1.7	9.70	5.6	8.86	4.5
Level 2	8.99	2.5	9.57	3.2	–	–
Dishwashers	9.49	1.4	–	–	–	–
Level 1	9.49	1.4	–	–	–	–
Building and grounds cleaning and maintenance occupations	14.37	2.2	14.86	3.1	12.56	2.6
Level 1	11.82	5.3	11.50	6.5	12.76	2.8
Level 2	12.91	4.9	13.44	7.2	11.92	3.3
Level 3	15.53	5.2	15.51	5.4	–	–
Level 5	19.68	8.5	19.68	8.5	–	–
Not able to be leveled	15.59	11.5	15.79	12.3	–	–
First-line supervisors/managers, building and grounds cleaning and maintenance workers	21.45	12.2	21.45	12.2	–	–
Building cleaning workers	13.32	3.9	13.57	5.5	12.58	2.6
Level 1	11.71	5.8	11.30	7.3	12.76	2.8
Level 2	13.11	4.9	13.80	7.5	11.92	3.3
Level 3	16.43	3.9	16.24	4.2	–	–
Not able to be leveled	14.95	14.2	–	–	–	–
Janitors and cleaners, except maids and housekeeping cleaners	14.54	2.4	15.41	3.9	12.65	3.2
Level 1	13.26	3.5	13.65	6.0	–	–
Level 2	13.73	5.0	14.95	7.1	11.94	4.2
Level 3	16.43	3.9	16.24	4.2	–	–
Maids and housekeeping cleaners	10.13	4.3	9.91	4.2	–	–
Level 1	9.81	5.3	9.69	5.3	–	–
Grounds maintenance workers	18.04	12.1	18.35	12.6	–	–
Landscaping and groundskeeping workers	17.56	13.6	17.87	14.2	–	–
Personal care and service occupations	16.01	8.1	20.07	8.7	11.99	4.3
Level 2	9.60	5.7	–	–	9.71	6.0
Level 3	10.42	3.8	–	–	10.47	4.3
Level 4	12.76	4.5	12.16	8.4	13.49	3.7
Level 6	31.40	13.0	31.64	15.0	–	–
Child care workers	11.65	7.2	–	–	11.89	9.3
Level 2	9.64	6.5	–	–	9.92	6.2
Level 3	9.97	5.6	–	–	–	–
Recreation and fitness workers	16.75	18.4	–	–	14.24	14.2
Level 4	12.92	5.1	–	–	–	–
Fitness trainers and aerobics instructors	–	–	–	–	14.29	22.6
Recreation workers	15.13	10.4	–	–	14.04	12.3
Sales and related occupations	20.03	4.0	23.54	6.0	10.09	2.6
Level 1	8.49	5.7	–	–	9.03	1.0
Level 2	10.07	4.1	12.04	8.8	9.55	3.9
Level 3	13.52	6.1	14.69	7.3	10.70	2.0
Level 4	17.92	2.6	18.43	2.5	13.19	6.7
Level 5	19.26	5.1	19.32	5.2	–	–
Level 6	21.89	7.8	21.92	7.9	–	–
Level 7	35.79	10.4	35.79	10.4	–	–
Level 9	36.51	6.1	36.51	6.1	–	–
Not able to be leveled	23.30	21.3	24.61	22.4	–	–
First-line supervisors/managers, sales workers	18.61	3.1	18.73	3.4	–	–
First-line supervisors/managers of retail sales workers	18.63	3.6	18.78	3.9	–	–
Retail sales workers	12.71	7.3	15.44	3.5	9.72	2.7
Level 1	8.49	5.7	–	–	9.03	1.0
Level 2	10.04	4.0	12.04	8.8	9.51	3.6
Level 3	13.49	6.3	14.70	7.4	10.50	.8

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Sales and related occupations —Continued						
Retail sales workers —Continued						
Level 4	\$17.49	4.0	\$18.09	2.8	—	—
Cashiers, all workers	10.11	3.8	11.31	11.1	\$9.65	2.6
Level 1	8.44	6.5	—	—	—	—
Level 2	9.77	3.5	—	—	9.63	3.3
Level 3	13.67	8.6	—	—	—	—
Cashiers	10.09	3.8	11.31	11.1	9.61	2.5
Level 1	8.44	6.5	—	—	—	—
Level 2	9.77	3.5	—	—	9.63	3.3
Level 3	13.84	8.7	—	—	—	—
Counter and rental clerks and parts salespersons	14.86	9.7	17.13	12.3	8.44	3.8
Counter and rental clerks	11.94	14.9	—	—	—	—
Parts salespersons	19.76	13.9	20.49	18.2	—	—
Retail salespersons	14.25	13.0	16.19	10.0	10.50	3.5
Level 2	11.42	2.7	—	—	10.44	8.1
Level 3	13.93	5.8	15.62	7.5	—	—
Level 4	17.21	7.1	18.14	5.8	—	—
Securities, commodities, and financial services sales agents	87.27	8.0	91.32	4.2	—	—
Sales representatives, wholesale and manufacturing	31.24	5.3	31.24	5.3	—	—
Level 5	26.08	3.0	26.08	3.0	—	—
Level 6	24.60	7.4	24.60	7.4	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	32.45	13.1	32.45	13.1	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.47	5.2	30.47	5.2	—	—
Miscellaneous sales and related workers	25.59	20.0	26.12	22.4	—	—
Office and administrative support occupations	19.10	1.5	19.81	1.6	14.66	5.5
Level 2	13.75	11.0	12.74	8.8	15.36	22.2
Level 3	14.00	2.8	14.44	2.8	12.97	5.6
Level 4	17.64	2.5	17.71	2.7	17.12	3.2
Level 5	20.65	2.9	20.64	3.1	—	—
Level 6	24.24	3.1	24.18	3.2	—	—
Level 7	24.91	2.9	25.09	2.7	—	—
Not able to be leveled	22.17	2.2	22.76	2.2	11.92	7.1
First-line supervisors/managers of office and administrative support workers	28.05	7.8	28.05	7.8	—	—
Financial clerks	18.68	3.7	19.26	4.5	15.26	6.6
Level 3	12.67	5.9	12.51	8.5	—	—
Level 4	16.56	2.7	16.70	3.2	—	—
Level 5	24.24	9.0	24.62	10.1	—	—
Level 6	25.45	5.6	25.45	5.6	—	—
Billing and posting clerks and machine operators	15.16	9.5	15.37	9.7	—	—
Bookkeeping, accounting, and auditing clerks	22.44	4.0	23.20	4.4	—	—
Level 4	16.12	4.2	—	—	—	—
Level 6	25.38	6.3	25.38	6.3	—	—
Tellers	14.53	2.6	14.90	2.7	—	—
Level 3	12.46	1.8	—	—	—	—
Brokerage clerks	20.63	5.7	20.63	5.7	—	—
Customer service representatives	17.82	5.8	18.20	5.1	14.65	16.9
Level 3	13.64	3.0	14.37	2.7	—	—
Level 4	17.00	7.6	17.00	7.6	—	—
Level 5	17.43	9.0	17.04	8.9	—	—
Level 6	21.78	5.7	21.16	5.5	—	—
Level 7	21.55	15.4	21.55	15.4	—	—
Not able to be leveled	23.56	5.6	23.56	5.6	—	—
Receptionists and information clerks	15.43	3.5	15.77	4.3	14.16	10.3
Level 3	14.35	6.6	14.89	7.0	—	—
Level 4	16.90	3.1	16.92	4.1	—	—
Reservation and transportation ticket agents and travel clerks	15.17	15.2	—	—	—	—
Dispatchers	19.66	19.1	19.94	20.6	—	—
Dispatchers, except police, fire, and ambulance	19.76	22.8	—	—	—	—
Shipping, receiving, and traffic clerks	17.85	4.9	18.17	6.5	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Office and administrative support occupations						
—Continued						
Shipping, receiving, and traffic clerks —Continued						
Level 4	\$16.20	6.3	\$16.20	6.3	—	—
Not able to be leveled	18.80	7.0	19.70	10.8	—	—
Stock clerks and order fillers	12.56	5.2	16.42	20.7	\$9.58	6.4
Level 2	11.98	3.9	—	—	—	—
Secretaries and administrative assistants	22.01	1.9	22.50	1.6	17.02	4.9
Level 3	16.11	4.6	—	—	—	—
Level 4	18.07	6.8	18.04	6.6	—	—
Level 5	21.48	4.7	21.48	4.7	—	—
Level 6	25.46	4.8	25.50	5.0	—	—
Level 7	26.77	3.3	27.16	3.0	—	—
Not able to be leveled	23.18	4.6	23.47	5.0	—	—
Executive secretaries and administrative assistants	25.76	2.2	25.76	2.2	—	—
Level 6	24.46	4.3	24.46	4.3	—	—
Level 7	27.23	3.1	27.23	3.1	—	—
Medical secretaries	19.23	4.7	19.26	4.2	18.99	9.4
Level 4	19.06	7.9	18.99	6.9	—	—
Secretaries, except legal, medical, and executive	18.18	6.3	18.73	7.8	16.15	6.0
Level 4	16.05	9.0	16.06	9.5	—	—
Level 5	22.28	3.2	22.28	3.2	—	—
Data entry and information processing workers	14.51	8.6	14.52	11.1	—	—
Data entry keyers	14.74	10.1	—	—	—	—
Insurance claims and policy processing clerks	18.67	4.8	18.67	4.8	—	—
Level 4	16.43	5.1	16.43	5.1	—	—
Office clerks, general	19.95	2.7	20.14	2.7	19.41	9.5
Level 4	18.18	5.2	18.19	6.8	18.13	5.2
Level 5	20.95	3.5	21.25	3.1	—	—
Construction and extraction occupations	28.08	6.3	28.69	6.1	—	—
Level 3	22.59	9.9	22.59	9.9	—	—
Level 4	18.19	14.1	18.19	14.1	—	—
Level 5	26.04	11.9	26.05	12.0	—	—
Level 6	24.87	6.1	25.03	6.0	—	—
Level 7	34.71	3.5	34.71	3.5	—	—
Carpenters	34.35	1.5	34.41	1.5	—	—
Level 7	33.54	3.2	33.54	3.2	—	—
Construction laborers	22.15	17.1	26.39	5.1	—	—
Electricians	27.30	21.0	27.30	21.0	—	—
Level 6	22.89	9.0	22.89	9.0	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	28.40	2.8	28.40	2.8	—	—
Level 6	25.14	10.9	25.14	10.9	—	—
Plumbers, pipefitters, and steamfitters	33.20	8.8	33.20	8.8	—	—
Level 6	25.14	10.9	25.14	10.9	—	—
Installation, maintenance, and repair occupations	25.89	8.9	25.99	8.7	—	—
Level 5	20.95	13.1	20.99	13.2	—	—
Level 6	23.81	5.9	23.81	5.9	—	—
Level 7	34.90	9.5	34.96	9.5	—	—
Not able to be leveled	26.63	8.6	26.63	8.6	—	—
First-line supervisors/managers of mechanics, installers, and repairers	38.32	7.7	38.32	7.7	—	—
Automotive technicians and repairers	27.45	20.5	27.58	20.4	—	—
Level 5	23.96	17.0	—	—	—	—
Automotive service technicians and mechanics	27.07	20.5	27.20	20.5	—	—
Bus and truck mechanics and diesel engine specialists ...	20.16	9.8	20.16	9.8	—	—
Industrial machinery installation, repair, and maintenance workers	22.41	5.3	22.44	5.3	—	—
Level 5	20.13	2.4	20.13	2.4	—	—
Maintenance and repair workers, general	21.98	5.6	22.05	5.7	—	—
Level 5	20.13	2.4	20.13	2.4	—	—
Line installers and repairers	29.81	5.2	29.81	5.2	—	—
Telecommunications line installers and repairers	29.11	7.3	29.11	7.3	—	—
Production occupations	17.27	4.7	17.52	4.8	11.80	7.1

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Production occupations —Continued						
Level 1	\$10.71	6.4	\$10.17	4.3	—	—
Level 2	13.02	5.2	13.30	5.2	—	—
Level 3	14.58	2.2	14.76	2.7	—	—
Level 4	15.24	5.5	15.28	5.2	—	—
Level 5	18.25	5.0	18.25	5.0	—	—
Level 6	21.60	8.9	21.60	8.9	—	—
Level 7	29.17	9.8	29.17	9.8	—	—
Level 8	31.50	15.4	31.50	15.4	—	—
Not able to be leveled	19.74	14.7	19.79	14.8	—	—
First-line supervisors/managers of production and operating workers	27.90	11.1	27.90	11.1	—	—
Electrical, electronics, and electromechanical assemblers	14.59	8.6	14.59	8.6	—	—
Electrical and electronic equipment assemblers	14.36	12.6	14.36	12.6	—	—
Miscellaneous assemblers and fabricators	14.30	12.8	14.28	14.2	—	—
Butchers and other meat, poultry, and fish processing workers	14.58	11.8	—	—	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	17.34	6.1	17.34	6.1	—	—
Printers	19.71	16.9	19.71	16.9	—	—
Prepress technicians and workers	18.71	25.3	18.71	25.3	—	—
Printing machine operators	19.98	13.8	19.98	13.8	—	—
Inspectors, testers, sorters, samplers, and weighers	17.45	4.4	17.87	3.1	—	—
Level 4	14.35	3.2	14.35	3.2	—	—
Miscellaneous production workers	12.92	7.1	—	—	—	—
Transportation and material moving occupations	16.71	7.7	18.40	7.4	\$10.33	2.3
Level 1	9.97	3.1	10.65	5.2	—	—
Level 2	12.40	7.2	13.13	5.5	11.56	7.2
Level 3	18.73	5.7	18.82	6.0	—	—
Level 4	19.63	7.0	19.63	7.0	—	—
Level 5	24.38	11.4	24.38	11.4	—	—
Not able to be leveled	19.93	9.0	19.96	9.0	—	—
Bus drivers	14.26	19.3	—	—	—	—
Driver/sales workers and truck drivers	19.31	5.5	19.53	5.1	14.97	17.9
Level 2	12.16	16.7	—	—	—	—
Level 3	20.36	7.6	—	—	—	—
Level 4	20.08	8.3	20.08	8.3	—	—
Truck drivers, heavy and tractor-trailer	20.95	6.8	20.96	6.8	—	—
Level 4	20.14	8.9	20.14	8.9	—	—
Truck drivers, light or delivery services	16.46	14.1	16.53	15.3	—	—
Industrial truck and tractor operators	18.45	8.1	18.58	8.0	—	—
Level 3	19.26	7.5	—	—	—	—
Laborers and material movers, hand	12.12	3.2	13.45	6.0	—	—
Level 1	10.09	3.8	11.03	8.1	—	—
Level 2	13.24	5.5	13.90	8.4	11.57	10.3
Level 3	16.49	.5	16.49	.5	—	—
Laborers and freight, stock, and material movers, hand	13.31	8.3	13.85	11.3	11.04	7.2
Level 1	10.66	9.2	—	—	—	—
Level 2	13.52	6.3	—	—	11.51	10.3
Packers and packagers, hand	—	—	11.96	6.0	—	—

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

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 Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. 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 appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$26.27	2.3	\$28.34	2.7	\$14.67	3.6
Management occupations	50.38	4.2	50.34	4.2	—	—
Level 7	21.67	4.6	21.67	4.6	—	—
Level 8	25.85	6.1	25.85	6.1	—	—
Level 9	34.01	7.6	34.01	7.6	—	—
Level 10	37.36	9.3	37.36	9.3	—	—
Level 11	46.67	2.4	46.67	2.4	—	—
Level 12	69.38	6.3	69.50	6.4	—	—
Level 13	81.52	9.6	81.52	9.6	—	—
Not able to be leveled	58.32	5.9	58.48	5.9	—	—
General and operations managers	66.70	10.1	66.70	10.1	—	—
Not able to be leveled	68.20	4.3	68.20	4.3	—	—
Marketing and sales managers	54.40	9.7	54.40	9.7	—	—
Level 11	50.09	4.5	50.09	4.5	—	—
Not able to be leveled	51.66	10.7	51.66	10.7	—	—
Marketing managers	56.67	15.3	56.67	15.3	—	—
Not able to be leveled	46.70	3.3	46.70	3.3	—	—
Sales managers	50.39	12.3	50.39	12.3	—	—
Computer and information systems managers	55.11	9.2	55.11	9.2	—	—
Level 12	56.05	1.9	56.05	1.9	—	—
Financial managers	59.16	4.5	59.16	4.5	—	—
Not able to be leveled	66.64	7.3	66.64	7.3	—	—
Human resources managers	42.51	6.9	42.51	6.9	—	—
Education administrators	49.12	6.3	49.49	6.7	—	—
Level 11	53.26	2.8	53.26	2.8	—	—
Education administrators, postsecondary	49.12	6.3	49.49	6.7	—	—
Level 11	53.26	2.8	53.26	2.8	—	—
Engineering managers	56.85	3.9	56.85	3.9	—	—
Medical and health services managers	39.16	2.8	37.27	4.1	—	—
Social and community service managers	29.38	6.3	29.38	6.3	—	—
Business and financial operations occupations	33.36	4.8	33.46	4.8	29.36	20.8
Level 6	21.00	12.6	21.73	13.7	—	—
Level 7	23.14	9.9	23.36	9.3	—	—
Level 8	27.45	4.2	27.45	4.2	—	—
Level 9	30.15	6.9	29.87	7.3	—	—
Level 10	38.17	6.5	38.17	6.5	—	—
Level 11	45.02	9.7	44.68	10.4	—	—
Level 12	62.22	13.2	62.22	13.2	—	—
Not able to be leveled	34.68	9.7	34.68	9.7	—	—
Buyers and purchasing agents	28.90	14.0	28.70	14.5	—	—
Level 9	31.69	10.1	—	—	—	—
Not able to be leveled	20.67	4.9	20.67	4.9	—	—
Wholesale and retail buyers, except farm products	23.26	21.0	23.26	21.0	—	—
Purchasing agents, except wholesale, retail, and farm products	33.06	14.8	32.96	15.7	—	—
Claims adjusters, appraisers, examiners, and investigators	29.58	12.6	28.65	15.1	—	—
Claims adjusters, examiners, and investigators	29.37	14.5	28.29	17.9	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	26.70	15.8	26.70	15.8	—	—
Human resources, training, and labor relations specialists	29.92	7.2	30.88	7.2	—	—
Not able to be leveled	36.65	7.3	36.65	7.3	—	—
Training and development specialists	33.78	6.9	35.80	4.7	—	—
Management analysts	45.96	12.8	45.96	12.8	—	—
Accountants and auditors	29.50	3.5	29.00	2.9	—	—
Level 8	29.02	8.8	29.02	8.8	—	—
Not able to be leveled	25.75	16.0	25.75	16.0	—	—
Financial analysts and advisors	44.02	7.0	44.78	6.9	—	—
Not able to be leveled	51.45	5.4	51.45	5.4	—	—
Financial analysts	47.71	8.9	47.71	8.9	—	—
Not able to be leveled	56.89	11.4	56.89	11.4	—	—
Computer and mathematical science occupations	42.17	7.2	42.29	7.2	—	—
Level 6	21.40	6.2	21.40	6.2	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Computer and mathematical science occupations						
-Continued						
Level 7	\$27.45	4.1	\$27.45	4.1	—	—
Level 8	35.01	14.9	35.01	14.9	—	—
Level 9	41.02	2.6	41.02	2.6	—	—
Level 10	44.04	2.6	44.04	2.6	—	—
Level 11	51.79	.8	51.79	.8	—	—
Level 12	66.41	11.2	66.41	11.2	—	—
Not able to be leveled	37.79	7.9	38.22	7.8	—	—
Computer software engineers	50.24	5.3	50.24	5.3	—	—
Level 9	39.12	7.0	39.12	7.0	—	—
Level 10	46.50	1.7	46.50	1.7	—	—
Level 11	52.51	6.5	52.51	6.5	—	—
Level 12	66.94	12.7	66.94	12.7	—	—
Not able to be leveled	44.93	6.3	44.93	6.3	—	—
Computer software engineers, applications	52.33	8.9	52.33	8.9	—	—
Not able to be leveled	45.17	6.2	45.17	6.2	—	—
Computer software engineers, systems software	48.86	6.2	48.86	6.2	—	—
Level 11	56.41	7.4	56.41	7.4	—	—
Not able to be leveled	44.87	8.5	44.87	8.5	—	—
Computer support specialists	35.19	10.6	35.19	10.6	—	—
Level 7	26.53	4.2	26.53	4.2	—	—
Computer systems analysts	42.56	2.3	42.56	2.3	—	—
Not able to be leveled	38.31	5.4	38.31	5.4	—	—
Network and computer systems administrators	35.66	7.0	36.52	6.2	—	—
Level 11	54.01	4.2	54.01	4.2	—	—
Architecture and engineering occupations	40.36	2.1	39.99	1.9	—	—
Level 7	28.78	3.8	28.78	3.8	—	—
Level 8	34.54	3.6	34.54	3.6	—	—
Level 9	40.19	4.9	38.94	4.5	—	—
Level 10	44.64	5.8	44.64	5.8	—	—
Level 11	44.89	1.9	44.89	1.9	—	—
Level 12	55.21	4.2	56.11	4.3	—	—
Not able to be leveled	56.37	7.7	56.37	7.7	—	—
Architects, except naval	30.12	10.9	—	—	—	—
Architects, except landscape and naval	30.91	14.3	—	—	—	—
Engineers	46.82	3.9	46.68	4.4	—	—
Level 9	38.28	5.5	38.28	5.5	—	—
Level 10	44.64	5.8	44.64	5.8	—	—
Level 11	48.67	5.3	48.67	5.3	—	—
Level 12	55.21	4.2	56.11	4.3	—	—
Not able to be leveled	61.52	12.2	61.52	12.2	—	—
Electrical and electronics engineers	43.28	5.9	43.28	5.9	—	—
Level 11	47.29	2.4	47.29	2.4	—	—
Electrical engineers	44.75	4.7	44.75	4.7	—	—
Electronics engineers, except computer	42.60	8.1	42.60	8.1	—	—
Mechanical engineers	42.91	2.5	42.91	2.5	—	—
Engineering technicians, except drafters	29.67	6.5	29.67	6.5	—	—
Level 7	31.47	11.1	31.47	11.1	—	—
Electrical and electronic engineering technicians	31.54	6.4	31.54	6.4	—	—
Life, physical, and social science occupations	37.27	9.1	37.36	9.2	—	—
Level 9	31.47	18.2	31.47	18.2	—	—
Level 11	37.76	11.8	37.67	12.1	—	—
Not able to be leveled	35.01	8.3	35.86	8.7	—	—
Life scientists	40.63	11.9	40.63	11.9	—	—
Biological scientists	45.49	10.1	45.49	10.1	—	—
Medical scientists	36.26	22.8	36.26	22.8	—	—
Physical scientists	36.65	17.9	36.65	17.9	—	—
Chemists and materials scientists	49.78	11.4	49.78	11.4	—	—
Community and social services occupations	17.38	7.7	17.20	8.6	\$18.86	14.6
Level 5	11.65	4.7	—	—	—	—
Level 6	13.54	8.8	13.54	8.8	—	—
Level 7	19.42	2.8	19.17	3.3	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Community and social services occupations						
–Continued						
Level 9	\$27.37	9.7	\$27.27	10.5	–	–
Counselors	16.78	12.1	16.70	12.4	–	–
Educational, vocational, and school counselors	23.28	17.1	23.41	17.8	–	–
Social workers	21.24	5.0	20.86	4.7	–	–
Level 7	20.08	4.9	–	–	–	–
Miscellaneous community and social service specialists	14.37	12.4	13.62	13.8	–	–
Social and human service assistants	13.19	10.5	12.67	10.4	–	–
Legal occupations	59.29	10.9	60.77	10.3	–	–
Lawyers	78.36	3.4	78.36	3.4	–	–
Education, training, and library occupations	31.22	14.2	31.67	13.6	\$27.17	28.6
Level 4	10.76	16.1	–	–	–	–
Level 9	30.26	13.6	29.48	15.1	–	–
Level 10	44.78	2.2	44.78	2.2	–	–
Level 11	47.48	.1	44.96	6.5	–	–
Level 12	67.40	.4	67.40	.4	–	–
Not able to be leveled	31.79	19.5	33.16	20.6	20.61	21.6
Postsecondary teachers	52.54	3.9	53.00	4.8	46.71	20.0
Level 9	41.28	3.8	42.13	4.3	–	–
Level 10	44.78	2.2	44.78	2.2	–	–
Level 11	47.48	.1	44.96	6.5	–	–
Level 12	67.40	.4	67.40	.4	–	–
Not able to be leveled	48.73	10.0	48.32	10.5	60.43	22.5
Life sciences teachers, postsecondary	81.23	5.9	82.15	6.0	–	–
Biological science teachers, postsecondary	81.23	5.9	82.15	6.0	–	–
Arts, communications, and humanities teachers, postsecondary	46.37	16.8	45.13	16.0	–	–
Miscellaneous postsecondary teachers	45.04	4.6	45.17	7.5	44.37	18.8
Level 11	42.43	5.8	–	–	–	–
Primary, secondary, and special education school teachers	19.90	25.7	20.00	22.0	–	–
Level 9	29.64	21.6	29.64	21.6	–	–
Preschool and kindergarten teachers	15.41	26.9	14.97	20.3	–	–
Preschool teachers, except special education	15.41	26.9	14.97	20.3	–	–
Other teachers and instructors	23.07	7.9	–	–	30.22	6.8
Teacher assistants	11.85	20.9	–	–	–	–
Level 4	10.76	16.1	–	–	–	–
Arts, design, entertainment, sports, and media occupations	28.04	9.2	28.16	9.5	–	–
Not able to be leveled	29.29	13.3	29.37	13.5	–	–
Designers	26.78	10.6	26.78	10.6	–	–
Writers and editors	39.11	9.8	39.61	10.9	–	–
Editors	36.96	8.7	37.43	9.8	–	–
Healthcare practitioner and technical occupations	37.11	6.3	37.00	10.0	37.40	5.4
Level 4	17.08	7.2	16.85	8.0	–	–
Level 5	22.70	4.3	23.19	5.7	21.14	2.2
Level 6	27.76	2.6	27.72	3.5	27.89	5.3
Level 7	29.12	6.1	28.51	6.0	30.21	8.6
Level 8	39.45	3.1	38.55	8.6	40.77	8.6
Level 9	40.68	6.0	36.87	6.2	45.46	3.8
Level 10	37.03	5.3	37.03	5.3	–	–
Level 11	56.20	6.4	56.44	6.4	–	–
Not able to be leveled	37.96	15.7	37.93	16.7	–	–
Physicians and surgeons	70.03	24.3	70.01	24.5	–	–
Not able to be leveled	67.10	25.3	67.10	25.3	–	–
Registered nurses	41.76	2.7	40.67	2.6	44.17	3.9
Level 7	31.47	6.2	30.57	7.0	32.86	6.9
Level 8	41.55	8.3	39.27	10.6	48.23	7.9
Level 9	41.24	5.2	37.66	5.3	46.55	3.0
Not able to be leveled	39.62	9.5	39.32	9.6	–	–
Therapists	35.50	3.5	35.55	1.6	35.43	8.5

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Healthcare practitioner and technical occupations						
—Continued						
Physical therapists	\$35.59	3.7	\$35.55	1.6	—	—
Clinical laboratory technologists and technicians	26.34	9.8	24.93	15.3	\$28.45	3.3
Medical and clinical laboratory technologists	30.82	4.1	—	—	32.49	.4
Medical and clinical laboratory technicians	19.22	1.2	—	—	—	—
Health diagnosing and treating practitioner support technicians	17.26	8.3	16.37	6.6	—	—
Licensed practical and licensed vocational nurses	24.77	4.0	25.19	3.5	—	—
Level 5	23.17	4.3	—	—	—	—
Level 6	26.50	9.0	—	—	—	—
Medical records and health information technicians	15.91	3.4	16.04	3.6	—	—
Healthcare support occupations	14.80	5.1	14.70	4.3	15.04	8.8
Level 2	12.76	6.2	—	—	12.01	7.1
Level 3	13.18	3.6	13.04	3.6	13.56	5.7
Level 4	14.85	7.5	14.70	10.3	15.14	8.6
Level 5	19.57	14.9	—	—	—	—
Not able to be leveled	17.57	6.9	17.57	6.9	—	—
Nursing, psychiatric, and home health aides	13.11	4.1	13.28	4.8	12.41	3.2
Level 2	12.69	6.4	—	—	—	—
Level 3	13.09	3.1	13.05	4.4	13.27	3.9
Level 4	13.01	8.6	13.32	10.3	11.92	6.8
Home health aides	10.92	3.9	10.93	3.7	10.82	10.3
Level 4	10.56	4.1	—	—	—	—
Nursing aides, orderlies, and attendants	14.35	3.0	14.76	2.4	12.77	2.1
Level 2	12.96	7.2	—	—	—	—
Level 3	13.84	3.0	14.01	2.6	13.16	1.2
Level 4	15.13	3.4	15.96	2.0	12.54	.3
Miscellaneous healthcare support occupations	17.68	3.6	18.46	5.1	16.69	7.5
Level 3	13.69	9.8	—	—	13.88	15.3
Level 4	18.62	11.4	18.76	19.1	18.48	3.7
Medical assistants	17.80	3.3	18.12	2.9	—	—
Level 4	16.02	1.5	—	—	—	—
Protective service occupations	14.91	7.6	15.59	4.4	12.38	12.1
Food preparation and serving related occupations	10.22	5.7	12.18	3.3	7.95	3.4
Level 1	8.38	2.1	7.75	11.1	8.67	2.0
Level 2	8.62	7.5	9.47	1.4	7.66	13.1
Level 3	10.04	10.2	12.47	9.3	6.89	7.8
Level 4	14.62	3.1	14.66	3.0	—	—
First-line supervisors/managers, food preparation and serving workers	26.82	25.2	26.82	25.2	—	—
First-line supervisors/managers of food preparation and serving workers	23.54	20.7	23.54	20.7	—	—
Cooks	11.57	3.5	12.00	2.5	10.25	13.5
Level 3	12.28	10.8	12.60	10.0	—	—
Level 4	13.63	4.1	13.53	3.9	—	—
Cooks, institution and cafeteria	13.84	5.6	13.70	5.6	—	—
Level 4	13.44	7.5	—	—	—	—
Cooks, restaurant	12.15	8.0	12.53	7.7	11.20	.0
Level 3	11.72	14.5	—	—	—	—
Food service, tipped	5.43	5.1	7.16	5.1	4.83	8.0
Level 1	6.60	18.0	—	—	7.22	14.0
Level 2	5.46	16.8	—	—	4.91	29.5
Level 3	4.41	6.3	—	—	3.49	18.9
Bartenders	5.61	16.6	—	—	5.66	18.0
Waiters and waitresses	3.85	12.9	—	—	3.21	6.2
Level 2	3.13	3.3	—	—	—	—
Level 3	4.43	12.6	—	—	3.22	17.6
Dining room and cafeteria attendants and bartender helpers	8.24	4.8	—	—	8.68	5.9
Level 1	7.70	4.8	—	—	8.62	5.8
Fast food and counter workers	9.60	2.1	10.05	5.6	9.16	.6
Level 1	9.10	2.9	—	—	9.20	5.4

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Food preparation and serving related occupations						
–Continued						
Fast food and counter workers –Continued						
Level 2	\$9.29	1.3	\$9.66	1.6	\$8.68	2.2
Combined food preparation and serving workers, including fast food	10.22	4.6	10.57	10.7	9.73	3.0
Level 2	9.62	3.4	–	–	–	–
Counter attendants, cafeteria, food concession, and coffee shop	9.14	1.3	9.52	5.8	8.86	4.6
Level 2	8.99	2.5	9.57	3.2	–	–
Dishwashers	9.49	1.4	–	–	–	–
Level 1	9.49	1.4	–	–	–	–
Building and grounds cleaning and maintenance occupations						
Level 1	13.44	2.3	13.80	3.4	12.39	2.5
Level 2	11.64	5.4	11.23	6.5	12.76	2.8
Level 3	12.06	2.7	12.16	4.2	11.92	3.3
Level 3	13.54	5.8	–	–	–	–
Not able to be leveled	16.05	12.2	16.13	12.8	–	–
Building cleaning workers	12.23	4.1	12.16	5.9	12.40	2.6
Level 1	11.51	5.9	10.99	7.2	12.76	2.8
Level 2	12.22	2.4	12.45	4.1	11.92	3.3
Janitors and cleaners, except maids and housekeeping cleaners	13.36	2.2	14.01	4.6	12.45	3.1
Level 1	13.02	3.4	13.23	6.2	–	–
Level 2	12.68	2.0	13.41	3.5	11.94	4.2
Maids and housekeeping cleaners	10.13	4.3	9.91	4.2	–	–
Level 1	9.81	5.3	9.69	5.3	–	–
Grounds maintenance workers	17.56	13.6	17.87	14.2	–	–
Landscaping and groundskeeping workers	17.56	13.6	17.87	14.2	–	–
Personal care and service occupations						
Level 2	16.12	8.3	20.07	8.7	12.01	4.5
Level 3	9.44	5.9	–	–	9.54	6.3
Level 4	10.42	3.8	–	–	10.47	4.3
Level 4	12.76	4.5	12.16	8.4	13.49	3.7
Level 6	31.40	13.0	31.64	15.0	–	–
Child care workers	11.71	7.4	–	–	12.01	9.8
Level 2	9.65	7.0	–	–	9.97	6.7
Level 3	9.97	5.6	–	–	–	–
Recreation and fitness workers	16.70	18.6	–	–	14.12	14.2
Level 4	12.92	5.1	–	–	–	–
Fitness trainers and aerobics instructors	–	–	–	–	14.29	22.6
Recreation workers	14.98	10.7	–	–	–	–
Sales and related occupations						
Level 1	20.15	3.9	23.56	6.0	10.02	2.6
Level 2	8.49	5.7	–	–	9.03	1.0
Level 2	9.96	4.3	12.04	8.8	9.34	3.2
Level 3	13.28	6.5	14.38	7.6	10.70	2.0
Level 4	17.86	2.8	18.39	2.7	13.19	6.7
Level 5	19.26	5.1	19.32	5.2	–	–
Level 6	21.89	7.8	21.92	7.9	–	–
Level 7	35.79	10.4	35.79	10.4	–	–
Level 9	36.51	6.1	36.51	6.1	–	–
Not able to be leveled	23.30	21.3	24.61	22.4	–	–
First-line supervisors/managers, sales workers	18.57	3.5	18.70	3.8	–	–
First-line supervisors/managers of retail sales workers	18.59	4.1	18.74	4.4	–	–
Retail sales workers	12.69	7.5	15.34	3.5	9.62	2.6
Level 1	8.49	5.7	–	–	9.03	1.0
Level 2	9.93	4.1	12.04	8.8	9.29	2.8
Level 3	13.25	6.8	14.38	7.8	10.50	.8
Level 4	17.49	4.0	18.09	2.8	–	–
Cashiers, all workers	9.82	3.6	10.69	9.8	9.47	2.0
Level 1	8.44	6.5	–	–	–	–
Level 2	9.51	2.9	–	–	9.28	.3
Level 3	12.49	5.2	–	–	–	–
Cashiers	9.80	3.6	10.69	9.8	9.42	1.7

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Sales and related occupations —Continued						
Cashiers —Continued						
Level 1	\$8.44	6.5	—	—	—	—
Level 2	9.51	2.9	—	—	\$9.28	0.3
Level 3	12.60	5.2	—	—	—	—
Counter and rental clerks and parts salespersons	14.86	9.7	\$17.13	12.3	8.44	3.8
Counter and rental clerks	11.94	14.9	—	—	—	—
Parts salespersons	19.76	13.9	20.49	18.2	—	—
Retail salespersons	14.25	13.0	16.19	10.0	10.50	3.5
Level 2	11.42	2.7	—	—	10.44	8.1
Level 3	13.93	5.8	15.62	7.5	—	—
Level 4	17.21	7.1	18.14	5.8	—	—
Securities, commodities, and financial services sales agents	87.27	8.0	91.32	4.2	—	—
Sales representatives, wholesale and manufacturing	31.24	5.3	31.24	5.3	—	—
Level 5	26.08	3.0	26.08	3.0	—	—
Level 6	24.60	7.4	24.60	7.4	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	32.45	13.1	32.45	13.1	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.47	5.2	30.47	5.2	—	—
Miscellaneous sales and related workers	25.59	20.0	26.12	22.4	—	—
Office and administrative support occupations	18.79	1.6	19.47	1.7	14.73	5.7
Level 2	13.82	11.8	12.59	8.9	15.99	23.7
Level 3	13.75	2.8	14.11	2.7	12.95	5.8
Level 4	17.38	2.7	17.41	2.9	17.20	3.1
Level 5	20.33	3.1	20.30	3.3	—	—
Level 6	24.34	3.3	24.28	3.5	—	—
Level 7	24.85	3.0	25.04	2.8	—	—
Not able to be leveled	21.52	2.6	22.15	2.5	11.92	7.1
First-line supervisors/managers of office and administrative support workers	28.14	9.3	28.14	9.3	—	—
Financial clerks	18.50	3.6	19.08	4.5	15.26	6.6
Level 3	12.67	5.9	12.51	8.5	—	—
Level 4	16.56	2.7	16.70	3.2	—	—
Level 5	24.24	9.0	24.62	10.1	—	—
Level 6	25.31	6.2	25.31	6.2	—	—
Billing and posting clerks and machine operators	15.16	9.5	15.37	9.7	—	—
Bookkeeping, accounting, and auditing clerks	22.20	4.2	22.99	4.6	—	—
Level 4	16.12	4.2	—	—	—	—
Level 6	25.21	7.1	25.21	7.1	—	—
Tellers	14.53	2.6	14.90	2.7	—	—
Level 3	12.46	1.8	—	—	—	—
Brokerage clerks	20.63	5.7	20.63	5.7	—	—
Customer service representatives	17.46	5.6	17.82	4.8	14.65	16.9
Level 3	13.64	3.0	14.37	2.7	—	—
Level 4	17.00	7.6	17.00	7.6	—	—
Level 5	17.43	9.0	17.04	8.9	—	—
Level 6	21.78	5.7	21.16	5.5	—	—
Level 7	21.55	15.4	21.55	15.4	—	—
Receptionists and information clerks	15.41	3.6	15.76	4.5	14.16	10.3
Level 3	14.35	6.6	14.89	7.0	—	—
Level 4	16.90	3.1	16.92	4.1	—	—
Reservation and transportation ticket agents and travel clerks	15.17	15.2	—	—	—	—
Shipping, receiving, and traffic clerks	17.85	4.9	18.17	6.5	—	—
Level 4	16.20	6.3	16.20	6.3	—	—
Not able to be leveled	18.80	7.0	19.70	10.8	—	—
Stock clerks and order fillers	12.29	5.4	16.23	23.2	9.58	6.4
Level 2	11.98	3.9	—	—	—	—
Secretaries and administrative assistants	21.76	2.1	22.32	1.7	17.02	4.9
Level 4	17.33	7.8	17.23	7.5	—	—
Level 5	20.77	4.3	20.77	4.3	—	—
Level 6	25.72	5.1	25.79	5.4	—	—
Level 7	26.86	3.6	27.30	3.2	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Office and administrative support occupations						
—Continued						
Secretaries and administrative assistants —Continued						
Not able to be leveled	\$23.23	5.6	\$23.59	6.1	—	—
Executive secretaries and administrative assistants	26.16	2.2	26.16	2.2	—	—
Level 6	24.59	4.6	24.59	4.6	—	—
Level 7	27.38	3.3	27.38	3.3	—	—
Medical secretaries	19.18	4.8	19.20	4.4	\$18.99	9.4
Level 4	18.93	8.4	18.84	7.3	—	—
Secretaries, except legal, medical, and executive	17.22	7.4	17.62	9.9	16.15	6.0
Level 4	15.45	9.4	15.43	10.1	—	—
Level 5	21.66	2.8	21.66	2.8	—	—
Data entry and information processing workers	14.10	10.7	—	—	—	—
Data entry keyers	14.10	10.7	—	—	—	—
Insurance claims and policy processing clerks	18.67	4.8	18.67	4.8	—	—
Level 4	16.43	5.1	16.43	5.1	—	—
Office clerks, general	20.03	3.0	19.96	3.0	20.21	9.1
Level 4	18.17	5.5	18.01	7.7	—	—
Level 5	20.41	4.0	20.76	3.6	—	—
Construction and extraction occupations	28.13	6.9	28.82	6.8	—	—
Level 3	22.59	9.9	22.59	9.9	—	—
Level 4	17.28	15.4	17.28	15.4	—	—
Level 5	26.04	11.9	26.05	12.0	—	—
Level 6	24.48	6.4	24.65	6.4	—	—
Level 7	34.94	3.5	34.94	3.5	—	—
Carpenters	34.78	1.5	34.85	1.4	—	—
Construction laborers	22.15	17.1	26.39	5.1	—	—
Electricians	27.01	21.4	27.01	21.4	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	29.00	2.9	29.00	2.9	—	—
Plumbers, pipefitters, and steamfitters	35.04	6.0	35.04	6.0	—	—
Installation, maintenance, and repair occupations	26.19	9.6	26.30	9.4	—	—
Level 5	20.93	14.6	20.98	14.7	—	—
Level 6	23.81	5.9	23.81	5.9	—	—
Level 7	34.90	9.5	34.96	9.5	—	—
Not able to be leveled	27.27	12.8	27.27	12.8	—	—
First-line supervisors/managers of mechanics, installers, and repairers	38.32	7.7	38.32	7.7	—	—
Automotive technicians and repairers	27.45	20.5	27.58	20.4	—	—
Level 5	23.96	17.0	—	—	—	—
Automotive service technicians and mechanics	27.07	20.5	27.20	20.5	—	—
Industrial machinery installation, repair, and maintenance workers	22.69	6.0	22.75	6.1	—	—
Maintenance and repair workers, general	22.10	5.5	22.23	5.6	—	—
Line installers and repairers	29.81	5.2	29.81	5.2	—	—
Telecommunications line installers and repairers	29.11	7.3	29.11	7.3	—	—
Production occupations	17.21	4.8	17.46	4.8	11.80	7.1
Level 1	10.71	6.4	10.17	4.3	—	—
Level 2	13.00	5.4	13.28	5.5	—	—
Level 3	14.58	2.2	14.76	2.7	—	—
Level 4	15.24	5.5	15.28	5.2	—	—
Level 5	18.25	5.0	18.25	5.0	—	—
Level 6	21.60	8.9	21.60	8.9	—	—
Level 7	29.12	11.1	29.12	11.1	—	—
Level 8	31.50	15.4	31.50	15.4	—	—
Not able to be leveled	19.74	14.7	19.79	14.8	—	—
First-line supervisors/managers of production and operating workers	27.90	11.1	27.90	11.1	—	—
Electrical, electronics, and electromechanical assemblers	14.59	8.6	14.59	8.6	—	—
Electrical and electronic equipment assemblers	14.36	12.6	14.36	12.6	—	—
Miscellaneous assemblers and fabricators	14.30	12.8	14.28	14.2	—	—
Butchers and other meat, poultry, and fish processing workers	14.58	11.8	—	—	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Production occupations –Continued						
Machine tool cutting setters, operators, and tenders, metal and plastic	\$17.34	6.1	\$17.34	6.1	–	–
Printers	19.71	16.9	19.71	16.9	–	–
Prepress technicians and workers	18.71	25.3	18.71	25.3	–	–
Printing machine operators	19.98	13.8	19.98	13.8	–	–
Inspectors, testers, sorters, samplers, and weighers	17.45	4.4	17.87	3.1	–	–
Level 4	14.35	3.2	14.35	3.2	–	–
Miscellaneous production workers	12.92	7.1	–	–	–	–
Transportation and material moving occupations	16.34	8.3	18.06	8.2	\$10.23	2.2
Level 1	9.97	3.1	10.65	5.2	–	–
Level 2	12.32	7.3	13.13	5.5	11.36	6.7
Level 3	18.95	6.1	19.07	6.4	–	–
Level 4	19.63	7.0	19.63	7.0	–	–
Level 5	23.19	15.7	23.19	15.7	–	–
Not able to be leveled	19.85	11.7	19.85	11.7	–	–
Driver/sales workers and truck drivers	19.33	5.6	19.53	5.1	–	–
Level 3	20.36	7.6	–	–	–	–
Level 4	20.08	8.3	20.08	8.3	–	–
Truck drivers, heavy and tractor-trailer	20.95	6.8	20.96	6.8	–	–
Level 4	20.14	8.9	20.14	8.9	–	–
Truck drivers, light or delivery services	16.44	14.7	16.53	15.3	–	–
Industrial truck and tractor operators	18.45	8.1	18.58	8.0	–	–
Level 3	19.26	7.5	–	–	–	–
Laborers and material movers, hand	11.78	2.7	12.99	4.3	–	–
Level 1	10.09	3.8	11.03	8.1	–	–
Level 2	13.24	5.5	13.90	8.4	11.57	10.3
Laborers and freight, stock, and material movers, hand	12.69	7.3	13.10	9.6	11.06	7.3
Level 1	10.66	9.2	–	–	–	–
Level 2	13.52	6.3	–	–	11.51	10.3
Packers and packagers, hand	–	–	11.96	6.0	–	–

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

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 Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. 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 appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 4. State and local government workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$30.86	2.5	\$31.66	2.3	\$20.10	9.9
Management occupations	43.21	7.1	43.25	7.1	—	—
Level 11	46.92	7.2	46.92	7.2	—	—
Not able to be leveled	41.33	7.0	41.41	6.9	—	—
Education administrators	53.25	11.5	53.25	11.5	—	—
Level 11	54.69	15.6	54.69	15.6	—	—
Education administrators, elementary and secondary school	56.82	9.4	56.82	9.4	—	—
Level 11	54.69	15.6	54.69	15.6	—	—
Business and financial operations occupations	29.08	9.4	27.28	5.8	—	—
Level 9	28.32	4.4	28.32	4.4	—	—
Computer and mathematical science occupations	36.59	5.6	36.59	5.6	—	—
Life, physical, and social science occupations	30.79	13.7	30.79	13.7	—	—
Community and social services occupations	32.93	7.8	33.11	8.0	—	—
Level 9	35.24	7.4	35.64	7.4	—	—
Counselors	37.59	12.4	37.92	12.8	—	—
Level 9	36.65	11.7	36.95	12.4	—	—
Educational, vocational, and school counselors	48.22	9.3	49.94	6.0	—	—
Level 9	47.68	9.5	49.61	6.3	—	—
Social workers	31.87	10.2	32.11	10.6	—	—
Education, training, and library occupations	40.16	2.5	41.58	3.0	24.16	7.0
Level 3	14.79	1.6	—	—	—	—
Level 4	17.66	4.1	17.86	4.3	—	—
Level 6	20.76	16.9	—	—	—	—
Level 7	26.48	4.2	—	—	—	—
Level 8	44.28	11.5	44.28	11.5	—	—
Level 9	45.49	1.6	45.48	1.9	—	—
Not able to be leveled	42.02	18.3	46.25	17.3	—	—
Primary, secondary, and special education school teachers	46.60	.9	46.63	.9	44.97	5.5
Level 8	50.50	6.3	50.50	6.3	—	—
Level 9	46.32	.3	46.21	.2	—	—
Elementary and middle school teachers	46.62	1.0	46.78	1.1	—	—
Level 9	46.73	.9	46.71	.9	—	—
Elementary school teachers, except special education	47.13	1.3	47.36	1.5	—	—
Level 9	47.27	1.0	47.25	1.0	—	—
Middle school teachers, except special and vocational education	44.98	1.3	44.98	1.3	—	—
Level 9	45.03	.8	45.03	.8	—	—
Secondary school teachers	45.57	1.1	45.57	1.1	—	—
Level 9	44.65	.3	44.65	.3	—	—
Secondary school teachers, except special and vocational education	45.57	1.1	45.57	1.1	—	—
Level 9	44.65	.3	44.65	.3	—	—
Special education teachers	47.93	4.2	47.00	2.4	—	—
Level 9	46.22	1.5	44.84	2.0	—	—
Special education teachers, preschool, kindergarten, and elementary school	49.17	10.7	48.01	9.3	—	—
Level 9	47.05	8.8	—	—	—	—
Other teachers and instructors	26.92	3.5	33.77	25.3	—	—
Level 6	21.16	18.6	—	—	—	—
Librarians	29.41	24.2	—	—	—	—
Teacher assistants	17.30	6.7	17.66	7.0	15.53	4.5
Level 3	14.79	1.6	—	—	—	—
Level 4	17.66	4.1	17.86	4.3	—	—
Healthcare practitioner and technical occupations	35.54	6.0	35.77	6.5	—	—
Level 9	41.26	8.6	41.65	9.6	—	—
Registered nurses	39.33	7.5	39.56	8.2	—	—
Level 9	41.26	8.6	41.65	9.6	—	—

See footnotes at end of table.

Table 4. State and local government workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Healthcare support occupations	\$16.90	9.9	—	—	—	—
Protective service occupations	28.21	2.2	\$28.01	1.4	—	—
Level 6	27.45	1.4	26.70	2.0	—	—
Level 7	29.64	1.9	29.64	1.9	—	—
Fire fighters	25.50	3.3	25.85	1.7	—	—
Police officers	29.45	9.2	28.58	6.6	—	—
Level 6	28.81	5.9	26.84	2.4	—	—
Police and sheriff's patrol officers	29.45	9.2	28.58	6.6	—	—
Level 6	28.81	5.9	26.84	2.4	—	—
Food preparation and serving related occupations	13.51	7.6	—	—	\$11.87	8.6
Building and grounds cleaning and maintenance occupations	18.49	3.0	18.55	3.4	—	—
Level 3	17.15	4.6	16.91	4.9	—	—
Building cleaning workers	17.54	2.1	17.56	2.0	—	—
Level 3	17.15	4.6	16.91	4.9	—	—
Janitors and cleaners, except maids and housekeeping cleaners	17.54	2.1	17.56	2.0	—	—
Level 3	17.15	4.6	16.91	4.9	—	—
Personal care and service occupations	11.72	13.2	—	—	11.72	13.2
Child care workers	10.84	8.8	—	—	10.84	8.8
Office and administrative support occupations	22.43	2.9	23.20	2.9	13.26	8.8
Level 3	17.60	7.9	—	—	—	—
Level 4	20.88	5.3	21.39	3.7	—	—
Level 5	23.74	7.2	23.74	7.2	—	—
Level 6	23.44	6.0	23.44	6.0	—	—
Not able to be leveled	26.93	9.9	26.93	9.9	—	—
Secretaries and administrative assistants	23.51	4.4	23.51	4.4	—	—
Level 4	21.99	4.3	21.99	4.3	—	—
Executive secretaries and administrative assistants	24.18	5.1	24.18	5.1	—	—
Secretaries, except legal, medical, and executive	21.66	2.2	21.66	2.2	—	—
Office clerks, general	19.42	5.8	—	—	—	—
Construction and extraction occupations	27.54	6.0	27.54	6.0	—	—
Installation, maintenance, and repair occupations	23.11	6.9	23.11	6.9	—	—
Industrial machinery installation, repair, and maintenance workers	21.82	10.8	21.82	10.8	—	—
Maintenance and repair workers, general	21.82	10.8	21.82	10.8	—	—
Transportation and material moving occupations	22.01	8.2	22.33	9.5	—	—

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. See appendix A for more information.

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 Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. 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 appendix A for more information.

⁴ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$26.76	2.1	\$28.72	2.4	\$14.95	3.4
Management occupations	49.68	3.9	49.65	3.9	—	—
Group II	23.47	5.8	—	—	—	—
Group III	46.45	4.4	—	—	—	—
Group IV	88.35	4.7	—	—	—	—
General and operations managers	62.23	10.2	62.23	10.2	—	—
Group III	59.00	18.9	59.00	18.9	—	—
Marketing and sales managers	54.40	9.7	54.40	9.7	—	—
Group III	52.13	11.3	—	—	—	—
Marketing managers	56.67	15.3	56.67	15.3	—	—
Group III	56.02	17.3	56.02	17.3	—	—
Sales managers	50.39	12.3	50.39	12.3	—	—
Group III	47.23	10.2	47.23	10.2	—	—
Computer and information systems managers	55.12	8.9	55.12	8.9	—	—
Group III	48.95	7.9	48.95	7.9	—	—
Financial managers	58.64	4.4	58.64	4.4	—	—
Group III	52.64	8.0	52.64	8.0	—	—
Human resources managers	42.51	6.9	42.51	6.9	—	—
Group III	41.22	10.4	—	—	—	—
Purchasing managers	42.67	13.9	42.67	13.9	—	—
Education administrators	50.36	5.8	50.65	6.0	—	—
Group III	51.70	5.1	—	—	—	—
Education administrators, elementary and secondary school	56.82	9.4	56.82	9.4	—	—
Group III	56.09	13.3	56.09	13.3	—	—
Education administrators, postsecondary	48.05	6.5	48.37	6.9	—	—
Group III	50.28	4.6	50.28	4.6	—	—
Engineering managers	55.21	4.3	55.21	4.3	—	—
Group III	52.46	5.0	52.46	5.0	—	—
Medical and health services managers	38.16	3.1	36.56	3.6	—	—
Group III	38.24	4.3	35.87	6.8	—	—
Social and community service managers	31.71	9.7	31.71	9.7	—	—
Business and financial operations occupations	33.08	4.6	33.11	4.6	32.35	17.1
Group II	23.70	5.2	—	—	—	—
Group III	38.29	6.1	—	—	—	—
Buyers and purchasing agents	28.90	14.0	28.70	14.5	—	—
Group III	36.13	9.3	—	—	—	—
Wholesale and retail buyers, except farm products	23.26	21.0	23.26	21.0	—	—
Purchasing agents, except wholesale, retail, and farm products	33.06	14.8	32.96	15.7	—	—
Claims adjusters, appraisers, examiners, and investigators	29.58	12.6	28.65	15.1	—	—
Group II	27.38	10.9	—	—	—	—
Claims adjusters, examiners, and investigators	29.37	14.5	28.29	17.9	—	—
Group II	26.65	13.6	26.65	13.6	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	26.69	13.6	26.70	15.8	—	—
Group II	24.06	9.8	23.53	11.7	—	—
Human resources, training, and labor relations specialists	30.38	7.1	31.28	7.1	—	—
Group II	21.35	10.0	—	—	—	—
Group III	31.81	7.4	—	—	—	—
Training and development specialists	33.78	6.9	35.80	4.7	—	—
Management analysts	45.96	12.8	45.96	12.8	—	—
Group III	48.18	12.6	48.18	12.6	—	—
Accountants and auditors	28.79	2.9	28.37	2.4	—	—
Group II	25.18	8.9	25.18	8.9	—	—
Group III	36.39	7.5	35.41	8.7	—	—
Financial analysts and advisors	44.02	7.0	44.78	6.9	—	—
Group III	40.30	8.0	—	—	—	—
Financial analysts	47.71	8.9	47.71	8.9	—	—
Group III	39.41	8.5	39.41	8.5	—	—
Computer and mathematical science occupations	41.93	7.0	42.04	7.0	—	—
Group II	28.42	4.7	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Computer and mathematical science occupations						
–Continued						
Group III	\$48.84	6.4	–	–	–	–
Computer programmers	34.85	7.6	\$34.85	7.6	–	–
Computer software engineers	50.24	5.3	50.24	5.3	–	–
Group III	52.23	5.2	–	–	–	–
Computer software engineers, applications	52.33	8.9	52.33	8.9	–	–
Group III	54.43	8.4	54.43	8.4	–	–
Computer software engineers, systems software	48.86	6.2	48.86	6.2	–	–
Group III	49.78	6.4	49.78	6.4	–	–
Computer support specialists	35.24	10.2	35.24	10.2	–	–
Group II	28.20	13.4	28.20	13.4	–	–
Group III	48.83	8.9	48.83	8.9	–	–
Computer systems analysts	42.41	2.3	42.41	2.3	–	–
Group III	46.89	6.3	46.89	6.3	–	–
Network and computer systems administrators	35.44	7.0	36.27	6.2	–	–
Group III	45.70	6.9	45.70	6.9	–	–
Network systems and data communications analysts	33.56	7.0	33.56	7.0	–	–
Architecture and engineering occupations	40.24	2.1	39.87	1.9	–	–
Group II	29.09	3.6	–	–	–	–
Group III	45.38	2.2	–	–	–	–
Architects, except naval	30.12	10.9	–	–	–	–
Architects, except landscape and naval	30.91	14.3	–	–	–	–
Engineers	46.88	3.8	46.74	4.4	–	–
Group II	34.54	2.0	–	–	–	–
Group III	46.75	2.5	–	–	–	–
Electrical and electronics engineers	43.67	5.8	43.67	5.8	–	–
Group III	44.77	4.7	–	–	–	–
Electrical engineers	45.76	4.6	45.76	4.6	–	–
Electronics engineers, except computer	42.60	8.1	42.60	8.1	–	–
Group III	44.07	6.1	44.07	6.1	–	–
Mechanical engineers	42.91	2.5	42.91	2.5	–	–
Group III	42.80	2.9	42.80	2.9	–	–
Engineering technicians, except drafters	29.37	5.6	29.37	5.6	–	–
Group II	29.24	6.4	–	–	–	–
Electrical and electronic engineering technicians	31.54	6.4	31.54	6.4	–	–
Group II	30.27	10.1	30.27	10.1	–	–
Life, physical, and social science occupations	36.73	8.6	36.80	8.7	–	–
Group II	23.28	8.0	–	–	–	–
Group III	37.76	9.2	–	–	–	–
Life scientists	39.23	12.5	39.23	12.5	–	–
Group III	38.49	17.1	–	–	–	–
Biological scientists	45.49	10.1	45.49	10.1	–	–
Medical scientists	36.26	22.8	36.26	22.8	–	–
Physical scientists	36.05	17.5	36.05	17.5	–	–
Group III	37.11	16.8	–	–	–	–
Chemists and materials scientists	49.78	11.4	49.78	11.4	–	–
Psychologists	27.38	8.4	–	–	–	–
Community and social services occupations	21.71	8.3	21.89	9.1	\$19.94	13.9
Group II	16.24	7.9	–	–	–	–
Group III	32.75	5.7	–	–	–	–
Counselors	23.64	10.7	23.57	11.2	–	–
Group II	14.54	3.4	–	–	–	–
Group III	35.01	9.5	–	–	–	–
Educational, vocational, and school counselors	33.76	10.3	34.31	10.3	–	–
Group II	18.36	10.5	18.36	10.5	–	–
Group III	40.50	11.5	41.89	10.5	–	–
Social workers	25.55	9.3	25.40	9.7	–	–
Group II	21.17	5.7	–	–	–	–
Group III	32.95	8.7	–	–	–	–
Child, family, and school social workers	25.79	21.8	25.79	21.8	–	–
Miscellaneous community and social service specialists	14.58	11.9	13.95	13.5	–	–
Group II	13.51	10.4	–	–	–	–

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Community and social services occupations						
—Continued						
Social and human service assistants	\$13.51	10.4	\$13.11	11.3	—	—
Group II	13.51	10.4	13.11	11.3	—	—
Legal occupations	52.76	14.5	53.79	14.8	—	—
Group III	61.81	7.5	—	—	—	—
Lawyers	73.42	7.6	73.42	7.6	—	—
Group III	72.11	5.5	72.11	5.5	—	—
Education, training, and library occupations	35.99	6.8	37.02	6.5	\$25.72	15.9
Group I	14.50	9.7	—	—	—	—
Group II	24.36	21.0	—	—	—	—
Group III	43.87	4.0	—	—	—	—
Group IV	85.04	15.2	—	—	—	—
Postsecondary teachers	52.75	3.3	53.22	4.1	46.31	18.3
Group III	51.87	3.4	—	—	—	—
Group IV	85.04	15.2	—	—	—	—
Life sciences teachers, postsecondary	81.23	5.9	82.15	6.0	—	—
Biological science teachers, postsecondary	81.23	5.9	82.15	6.0	—	—
Physical sciences teachers, postsecondary	65.13	5.3	65.13	5.3	—	—
Social sciences teachers, postsecondary	50.55	4.9	—	—	—	—
Health teachers, postsecondary	56.59	15.8	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	47.06	14.7	46.07	14.4	—	—
Group III	54.88	2.7	—	—	—	—
Miscellaneous postsecondary teachers	45.04	4.6	45.17	7.5	44.37	18.8
Group III	45.25	3.2	—	—	—	—
Primary, secondary, and special education school teachers	37.22	10.8	37.74	9.5	—	—
Group III	43.57	4.1	—	—	—	—
Preschool and kindergarten teachers	17.58	28.8	17.42	24.2	—	—
Group II	14.60	23.5	—	—	—	—
Preschool teachers, except special education	16.59	28.8	16.31	23.8	—	—
Group II	14.60	23.5	—	—	—	—
Elementary and middle school teachers	46.06	1.4	46.21	1.5	—	—
Group II	46.38	3.7	—	—	—	—
Group III	46.11	1.5	—	—	—	—
Elementary school teachers, except special education	46.51	1.8	46.71	1.9	—	—
Group III	46.58	1.7	46.55	1.8	—	—
Middle school teachers, except special and vocational education	44.70	1.5	44.70	1.5	—	—
Group III	44.72	1.2	44.72	1.2	—	—
Secondary school teachers	44.28	2.2	44.28	2.2	—	—
Group III	43.47	2.4	—	—	—	—
Secondary school teachers, except special and vocational education	44.28	2.2	44.28	2.2	—	—
Group III	43.47	2.4	43.47	2.4	—	—
Special education teachers	47.93	4.2	47.00	2.4	—	—
Group III	46.22	1.5	—	—	—	—
Special education teachers, preschool, kindergarten, and elementary school	49.17	10.7	48.01	9.3	—	—
Group III	47.05	8.8	—	—	—	—
Other teachers and instructors	24.65	5.5	24.76	15.9	24.45	23.0
Group II	23.73	9.3	—	—	—	—
Group III	28.44	22.9	—	—	—	—
Self-enrichment education teachers	26.15	19.7	—	—	—	—
Librarians	28.41	19.7	—	—	—	—
Teacher assistants	15.01	10.1	15.18	11.3	14.13	10.7
Group I	14.50	9.7	14.60	10.6	13.90	12.3
Arts, design, entertainment, sports, and media occupations	27.86	8.9	27.99	9.2	—	—
Group II	20.84	9.3	—	—	—	—
Group III	33.34	7.7	—	—	—	—

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Arts, design, entertainment, sports, and media occupations —Continued						
Designers	\$26.78	10.6	\$26.78	10.6	—	—
Athletes, coaches, umpires, and related workers	32.47	11.4	—	—	—	—
Coaches and scouts	32.47	11.4	—	—	—	—
Writers and editors	39.11	9.8	39.61	10.9	—	—
Editors	36.96	8.7	37.43	9.8	—	—
Healthcare practitioner and technical occupations	37.01	5.9	36.90	9.2	\$37.32	5.4
Group I	16.78	5.5	—	—	—	—
Group II	30.24	2.3	—	—	—	—
Group III	42.71	3.1	—	—	—	—
Physicians and surgeons	70.03	24.3	70.01	24.5	—	—
Group III	33.69	14.1	—	—	—	—
Registered nurses	41.48	2.5	40.50	2.6	44.03	3.9
Group II	36.67	1.6	35.57	2.4	39.42	6.1
Group III	44.31	3.7	43.40	4.4	46.48	2.8
Therapists	35.50	3.5	35.55	1.6	35.43	8.5
Physical therapists	35.59	3.7	35.55	1.6	—	—
Clinical laboratory technologists and technicians	26.34	9.8	24.93	15.3	28.45	3.3
Group II	27.32	11.0	—	—	—	—
Medical and clinical laboratory technologists	30.82	4.1	—	—	32.49	.4
Group II	31.03	5.8	—	—	—	—
Medical and clinical laboratory technicians	19.22	1.2	—	—	—	—
Health diagnosing and treating practitioner support technicians	17.26	8.3	16.37	6.6	—	—
Licensed practical and licensed vocational nurses	24.77	4.0	25.19	3.5	—	—
Group II	24.50	3.9	24.91	3.3	—	—
Medical records and health information technicians	15.91	3.4	16.04	3.6	—	—
Group I	15.43	1.4	—	—	—	—
Healthcare support occupations	14.88	4.9	14.82	4.2	15.05	8.6
Group I	14.08	3.6	—	—	—	—
Group II	21.39	13.5	—	—	—	—
Nursing, psychiatric, and home health aides	13.19	3.9	13.35	4.6	12.56	3.4
Group I	13.11	4.2	—	—	—	—
Home health aides	10.92	3.9	10.93	3.7	10.82	10.3
Group I	10.92	3.9	10.93	3.7	10.82	10.3
Nursing aides, orderlies, and attendants	14.41	2.9	14.79	2.4	12.98	1.6
Group I	14.33	3.3	14.71	2.9	12.98	1.6
Miscellaneous healthcare support occupations	17.83	3.7	18.69	5.3	16.69	7.5
Group I	17.27	8.4	—	—	—	—
Group II	20.43	13.1	—	—	—	—
Medical assistants	17.80	3.3	18.12	2.9	—	—
Group I	15.49	3.2	—	—	—	—
Protective service occupations	22.16	1.9	23.01	3.0	15.13	27.0
Group I	12.66	3.4	—	—	—	—
Group II	25.52	7.5	—	—	—	—
Fire fighters	25.50	3.3	25.85	1.7	—	—
Group II	25.50	.6	25.50	.6	—	—
Bailiffs, correctional officers, and jailers	28.09	.9	28.13	.7	—	—
Group II	28.09	.9	—	—	—	—
Police officers	29.31	9.0	28.46	6.4	—	—
Group II	28.48	6.8	—	—	—	—
Police and sheriff's patrol officers	29.31	9.0	28.46	6.4	—	—
Group II	28.48	6.8	27.50	3.0	—	—
Miscellaneous protective service workers	16.36	11.7	—	—	—	—
Food preparation and serving related occupations	10.28	5.5	12.23	3.2	8.02	3.3
Group I	9.54	2.0	—	—	—	—
First-line supervisors/managers, food preparation and serving workers	26.56	24.7	26.56	24.7	—	—
First-line supervisors/managers of food preparation and serving workers	23.36	19.9	23.36	19.9	—	—
Cooks	11.61	3.5	12.03	2.6	10.35	12.8

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Food preparation and serving related occupations						
—Continued						
Cooks —Continued						
Group I	\$11.51	3.2	—	—	—	—
Cooks, institution and cafeteria	13.86	5.2	\$13.85	5.3	—	—
Group I	13.86	5.2	13.85	5.3	—	—
Cooks, restaurant	12.15	8.0	12.53	7.7	\$11.20	0.0
Group I	12.13	8.6	12.53	8.1	—	—
Food service, tipped	5.49	4.9	7.16	5.1	4.92	7.7
Group I	5.54	5.3	—	—	—	—
Bartenders	5.61	16.6	—	—	5.66	18.0
Group I	5.66	18.0	—	—	5.66	18.0
Waiters and waitresses	3.85	12.9	—	—	3.21	6.2
Group I	3.87	12.8	—	—	3.21	6.4
Dining room and cafeteria attendants and bartender helpers	8.38	4.4	—	—	8.94	7.1
Group I	8.38	4.4	—	—	8.94	7.1
Fast food and counter workers	9.68	2.4	10.19	5.8	9.18	.7
Group I	9.51	1.7	—	—	—	—
Combined food preparation and serving workers, including fast food	10.29	4.8	10.69	11.2	9.75	3.0
Group I	9.91	3.3	10.23	7.8	9.46	1.5
Counter attendants, cafeteria, food concession, and coffee shop	9.23	1.7	9.70	5.6	8.86	4.5
Group I	9.23	1.7	9.70	5.6	8.86	4.6
Dishwashers	9.49	1.4	—	—	—	—
Group I	9.49	1.4	—	—	—	—
Building and grounds cleaning and maintenance occupations	14.37	2.2	14.86	3.1	12.56	2.6
Group I	12.97	4.1	—	—	—	—
Group II	23.07	8.6	—	—	—	—
First-line supervisors/managers, building and grounds cleaning and maintenance workers	21.45	12.2	21.45	12.2	—	—
Building cleaning workers	13.32	3.9	13.57	5.5	12.58	2.6
Group I	13.08	4.5	—	—	—	—
Janitors and cleaners, except maids and housekeeping cleaners	14.54	2.4	15.41	3.9	12.65	3.2
Group I	14.30	3.2	15.16	4.6	12.64	3.3
Maids and housekeeping cleaners	10.13	4.3	9.91	4.2	—	—
Group I	10.11	4.5	9.90	4.3	—	—
Grounds maintenance workers	18.04	12.1	18.35	12.6	—	—
Group I	11.80	6.7	—	—	—	—
Group II	26.54	2.9	—	—	—	—
Landscaping and groundskeeping workers	17.56	13.6	17.87	14.2	—	—
Group I	11.80	6.7	11.91	7.1	—	—
Personal care and service occupations	16.01	8.1	20.07	8.7	11.99	4.3
Group I	11.37	4.8	—	—	—	—
Group II	28.19	6.8	—	—	—	—
Child care workers	11.65	7.2	—	—	11.89	9.3
Group I	11.30	7.9	—	—	11.82	9.8
Recreation and fitness workers	16.75	18.4	—	—	14.24	14.2
Group I	11.99	4.2	—	—	—	—
Group II	26.53	10.5	—	—	—	—
Fitness trainers and aerobics instructors	—	—	—	—	14.29	22.6
Group I	10.66	3.3	—	—	10.66	3.3
Group II	29.68	1.6	—	—	35.12	22.9
Recreation workers	15.13	10.4	—	—	14.04	12.3
Group I	13.62	7.7	—	—	14.04	12.3
Sales and related occupations	20.03	4.0	23.54	6.0	10.09	2.6
Group I	12.77	8.0	—	—	—	—
Group II	25.27	8.3	—	—	—	—
Group III	53.84	18.3	—	—	—	—
First-line supervisors/managers, sales workers	18.61	3.1	18.73	3.4	—	—

See footnotes at end of table.

Table 5. **Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Sales and related occupations —Continued						
First-line supervisors/managers, sales workers —Continued						
Group II	\$19.51	3.5	—	—	—	—
First-line supervisors/managers of retail sales workers	18.63	3.6	\$18.78	3.9	—	—
Group II	19.92	3.4	19.92	3.4	—	—
Retail sales workers	12.71	7.3	15.44	3.5	\$9.72	2.7
Group I	12.20	11.5	—	—	—	—
Cashiers, all workers	10.11	3.8	11.31	11.1	9.65	2.6
Group I	10.00	4.1	—	—	—	—
Cashiers	10.09	3.8	11.31	11.1	9.61	2.5
Group I	9.98	4.2	11.09	13.2	9.59	2.5
Counter and rental clerks and parts salespersons	14.86	9.7	17.13	12.3	8.44	3.8
Group I	13.26	13.4	—	—	—	—
Counter and rental clerks	11.94	14.9	—	—	—	—
Group I	11.94	14.9	—	—	—	—
Parts salespersons	19.76	13.9	20.49	18.2	—	—
Retail salespersons	14.25	13.0	16.19	10.0	10.50	3.5
Group I	14.13	12.5	16.36	7.5	10.51	3.5
Securities, commodities, and financial services sales agents	87.27	8.0	91.32	4.2	—	—
Sales representatives, wholesale and manufacturing	31.24	5.3	31.24	5.3	—	—
Group II	29.36	6.7	—	—	—	—
Group III	39.30	10.8	—	—	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	32.45	13.1	32.45	13.1	—	—
Group II	25.69	8.1	25.69	8.1	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.47	5.2	30.47	5.2	—	—
Group II	31.22	6.2	31.22	6.2	—	—
Miscellaneous sales and related workers	25.59	20.0	26.12	22.4	—	—
Office and administrative support occupations	19.10	1.5	19.81	1.6	14.66	5.5
Group I	15.89	2.4	—	—	—	—
Group II	23.08	1.8	—	—	—	—
First-line supervisors/managers of office and administrative support workers	28.05	7.8	28.05	7.8	—	—
Group II	27.04	9.5	27.04	9.5	—	—
Financial clerks	18.68	3.7	19.26	4.5	15.26	6.6
Group I	15.30	2.1	—	—	—	—
Group II	24.57	4.7	—	—	—	—
Billing and posting clerks and machine operators	15.16	9.5	15.37	9.7	—	—
Group I	14.74	10.4	14.95	10.7	—	—
Bookkeeping, accounting, and auditing clerks	22.44	4.0	23.20	4.4	—	—
Group I	15.67	3.4	—	—	—	—
Group II	25.26	4.9	25.26	4.9	—	—
Tellers	14.53	2.6	14.90	2.7	—	—
Group I	14.68	.8	15.13	.7	—	—
Brokerage clerks	20.63	5.7	20.63	5.7	—	—
Customer service representatives	17.82	5.8	18.20	5.1	14.65	16.9
Group I	14.66	4.8	15.34	4.2	—	—
Group II	19.85	6.9	19.50	7.1	—	—
Receptionists and information clerks	15.43	3.5	15.77	4.3	14.16	10.3
Group I	15.47	3.7	15.68	4.4	14.62	9.8
Reservation and transportation ticket agents and travel clerks	15.17	15.2	—	—	—	—
Group I	13.80	1.9	—	—	—	—
Dispatchers	19.66	19.1	19.94	20.6	—	—
Dispatchers, except police, fire, and ambulance	19.76	22.8	—	—	—	—
Shipping, receiving, and traffic clerks	17.85	4.9	18.17	6.5	—	—
Group I	15.49	5.0	15.49	5.0	—	—
Stock clerks and order fillers	12.56	5.2	16.42	20.7	9.58	6.4
Group I	11.52	4.1	14.46	17.6	9.58	6.4
Secretaries and administrative assistants	22.01	1.9	22.50	1.6	17.02	4.9
Group I	17.71	5.6	—	—	—	—
Group II	24.58	3.3	—	—	—	—

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Office and administrative support occupations						
—Continued						
Executive secretaries and administrative assistants	\$25.76	2.2	\$25.76	2.2	—	—
Group II	26.16	2.5	26.16	2.5	—	—
Medical secretaries	19.23	4.7	19.26	4.2	\$18.99	9.4
Group I	18.88	7.9	19.05	6.2	—	—
Secretaries, except legal, medical, and executive	18.18	6.3	18.73	7.8	16.15	6.0
Group I	15.93	6.5	16.11	9.0	—	—
Group II	22.57	2.8	22.43	3.0	—	—
Data entry and information processing workers	14.51	8.6	14.52	11.1	—	—
Group I	12.92	4.1	—	—	—	—
Data entry keyers	14.74	10.1	—	—	—	—
Group I	12.75	5.0	—	—	—	—
Insurance claims and policy processing clerks	18.67	4.8	18.67	4.8	—	—
Group I	16.43	5.1	16.43	5.1	—	—
Group II	20.13	6.9	20.13	6.9	—	—
Office clerks, general	19.95	2.7	20.14	2.7	19.41	9.5
Group I	18.63	5.6	17.92	6.1	19.61	9.5
Group II	22.48	2.8	22.73	2.4	—	—
Construction and extraction occupations						
.....	28.08	6.3	28.69	6.1	—	—
Group I	18.61	6.3	—	—	—	—
Group II	30.05	4.8	—	—	—	—
Carpenters	34.35	1.5	34.41	1.5	—	—
Group II	33.56	3.3	33.64	3.2	—	—
Construction laborers	22.15	17.1	26.39	5.1	—	—
Group I	20.42	19.8	—	—	—	—
Electricians	27.30	21.0	27.30	21.0	—	—
Group II	27.50	23.1	27.50	23.1	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	28.40	2.8	28.40	2.8	—	—
Group II	31.80	7.5	—	—	—	—
Plumbers, pipefitters, and steamfitters	33.20	8.8	33.20	8.8	—	—
Group II	31.80	7.5	31.80	7.5	—	—
Installation, maintenance, and repair occupations						
.....	25.89	8.9	25.99	8.7	—	—
Group I	16.49	3.2	—	—	—	—
Group II	25.81	10.8	—	—	—	—
First-line supervisors/managers of mechanics, installers, and repairers	38.32	7.7	38.32	7.7	—	—
Automotive technicians and repairers	27.45	20.5	27.58	20.4	—	—
Group II	28.66	19.4	—	—	—	—
Automotive service technicians and mechanics	27.07	20.5	27.20	20.5	—	—
Group II	28.28	19.7	28.44	19.5	—	—
Bus and truck mechanics and diesel engine specialists ...	20.16	9.8	20.16	9.8	—	—
Industrial machinery installation, repair, and maintenance workers	22.41	5.3	22.44	5.3	—	—
Group II	21.42	3.0	—	—	—	—
Maintenance and repair workers, general	21.98	5.6	22.05	5.7	—	—
Group II	21.33	4.5	21.33	4.5	—	—
Line installers and repairers	29.81	5.2	29.81	5.2	—	—
Group II	29.11	7.3	—	—	—	—
Telecommunications line installers and repairers	29.11	7.3	29.11	7.3	—	—
Group II	29.11	7.3	29.11	7.3	—	—
Production occupations						
.....	17.27	4.7	17.52	4.8	11.80	7.1
Group I	13.84	2.7	—	—	—	—
Group II	21.82	5.6	—	—	—	—
First-line supervisors/managers of production and operating workers	27.90	11.1	27.90	11.1	—	—
Group II	27.90	11.1	27.90	11.1	—	—
Electrical, electronics, and electromechanical assemblers	14.59	8.6	14.59	8.6	—	—
Group I	13.56	8.6	—	—	—	—
Electrical and electronic equipment assemblers	14.36	12.6	14.36	12.6	—	—
Miscellaneous assemblers and fabricators	14.30	12.8	14.28	14.2	—	—
Group I	12.92	8.0	—	—	—	—

See footnotes at end of table.

Table 5. Combined work levels¹ for civilian workers: Mean hourly earnings² for full-time and part-time workers³, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ⁴ and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Production occupations —Continued						
Butchers and other meat, poultry, and fish processing workers	\$14.58	11.8	—	—	—	—
Group I	14.58	11.8	—	—	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	17.34	6.1	\$17.34	6.1	—	—
Group I	15.33	.0	—	—	—	—
Printers	19.71	16.9	19.71	16.9	—	—
Group II	23.33	15.2	—	—	—	—
Prepress technicians and workers	18.71	25.3	18.71	25.3	—	—
Printing machine operators	19.98	13.8	19.98	13.8	—	—
Inspectors, testers, sorters, samplers, and weighers	17.45	4.4	17.87	3.1	—	—
Group I	14.20	2.8	14.54	2.7	—	—
Group II	20.50	2.1	20.50	2.1	—	—
Miscellaneous production workers	12.92	7.1	—	—	—	—
Transportation and material moving occupations	16.71	7.7	18.40	7.4	\$10.33	2.3
Group I	14.29	4.1	—	—	—	—
Group II	24.11	10.9	—	—	—	—
Bus drivers	14.26	19.3	—	—	—	—
Driver/sales workers and truck drivers	19.31	5.5	19.53	5.1	14.97	17.9
Group I	18.25	6.1	—	—	—	—
Truck drivers, heavy and tractor-trailer	20.95	6.8	20.96	6.8	—	—
Group I	20.28	8.3	20.30	8.4	—	—
Truck drivers, light or delivery services	16.46	14.1	16.53	15.3	—	—
Group I	16.46	14.1	16.53	15.3	—	—
Industrial truck and tractor operators	18.45	8.1	18.58	8.0	—	—
Group I	18.45	8.1	18.58	8.0	—	—
Laborers and material movers, hand	12.12	3.2	13.45	6.0	—	—
Group I	11.79	3.2	—	—	—	—
Laborers and freight, stock, and material movers, hand	13.31	8.3	13.85	11.3	11.04	7.2
Group I	12.83	7.5	13.26	10.0	11.06	7.3
Packers and packagers, hand	—	—	11.96	6.0	—	—
Group I	—	—	11.63	6.6	—	—

¹ Combined work levels simplify the presentation of work levels by combining levels 1 through 15 into four broad groups. Group I combines levels 1-4, group II combines levels 5-8, group III combines levels 9-12, and group IV combines levels 13-15.

² 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. See appendix A 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 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 6. Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	10	25	Median 50	75	90
All workers	\$10.00	\$14.06	\$21.41	\$34.19	\$49.54
Management occupations	26.10	32.79	45.00	59.10	82.81
General and operations managers	32.97	43.27	51.63	80.59	96.15
Marketing and sales managers	32.30	37.86	49.13	68.64	92.23
Marketing managers	33.56	38.55	49.13	68.64	97.55
Sales managers	24.86	33.28	51.45	57.18	92.23
Computer and information systems managers	37.02	48.85	53.41	58.26	86.11
Financial managers	27.48	37.50	62.50	75.72	85.82
Human resources managers	31.38	33.68	41.88	47.60	55.31
Purchasing managers	31.25	31.25	44.10	48.89	63.00
Education administrators	27.08	33.31	51.43	59.34	67.19
Education administrators, elementary and secondary school	46.71	48.24	57.69	61.78	67.19
Education administrators, postsecondary	24.57	29.76	40.77	59.34	66.76
Engineering managers	41.83	50.42	52.40	62.65	70.38
Medical and health services managers	27.43	30.91	36.96	40.25	49.75
Social and community service managers	22.86	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.18	21.54	29.13	39.21	50.73
Buyers and purchasing agents	18.95	20.00	27.25	34.66	46.63
Wholesale and retail buyers, except farm products	14.49	20.00	20.05	27.56	34.00
Purchasing agents, except wholesale, retail, and farm products	19.36	27.25	29.85	40.50	46.63
Claims adjusters, appraisers, examiners, and investigators	17.54	20.82	28.96	37.36	46.50
Claims adjusters, examiners, and investigators	17.54	20.10	27.69	39.62	46.50
Compliance officers, except agriculture, construction, health and safety, and transportation	19.05	19.52	22.30	28.93	48.05
Human resources, training, and labor relations specialists	18.76	23.51	25.76	37.15	47.03
Training and development specialists	22.35	25.76	37.13	41.69	47.17
Management analysts	24.27	31.78	50.73	59.62	80.10
Accountants and auditors	17.40	19.94	27.20	34.75	44.87
Financial analysts and advisors	24.04	26.44	37.86	48.08	103.37
Financial analysts	26.23	29.33	38.62	48.08	106.25
Computer and mathematical science occupations	21.98	31.73	42.24	49.60	57.39
Computer programmers	27.12	28.85	34.82	39.86	45.55
Computer software engineers	31.99	39.90	47.36	56.38	76.66
Computer software engineers, applications	34.67	41.49	46.64	56.25	85.47
Computer software engineers, systems software	30.95	39.58	47.91	56.79	64.45
Computer support specialists	19.23	24.28	33.28	44.53	53.85
Computer systems analysts	34.19	34.80	41.79	49.60	55.07
Network and computer systems administrators	19.71	19.77	36.50	47.01	54.11
Network systems and data communications analysts	21.98	21.98	34.87	37.02	45.67
Architecture and engineering occupations	23.47	29.04	38.51	47.71	56.95
Architects, except naval	16.46	22.22	27.13	37.70	44.97
Architects, except landscape and naval	16.46	18.52	27.13	38.85	55.00
Engineers	31.25	38.46	44.06	51.65	61.79
Electrical and electronics engineers	28.63	39.12	46.14	49.01	54.26
Electrical engineers	34.38	44.07	47.71	47.71	54.26
Electronics engineers, except computer	27.06	36.64	45.87	49.01	54.67
Mechanical engineers	26.04	35.58	41.11	48.11	57.50
Engineering technicians, except drafters	15.60	26.41	27.56	38.02	38.02
Electrical and electronic engineering technicians	15.60	20.70	38.02	38.02	39.32
Life, physical, and social science occupations	18.51	24.10	33.65	46.21	59.22
Life scientists	21.41	28.55	38.27	47.10	59.22
Biological scientists	35.72	36.32	44.81	52.46	69.71
Medical scientists	21.41	28.55	35.01	38.50	59.22
Physical scientists	22.39	24.61	30.78	46.21	61.10
Chemists and materials scientists	30.78	42.63	46.21	61.10	66.27
Psychologists	12.02	13.46	15.81	47.48	52.15
Community and social services occupations	11.32	12.40	19.23	27.05	33.03
Counselors	11.59	12.40	19.23	27.97	46.63
Educational, vocational, and school counselors	16.13	20.19	32.32	46.63	53.88
Social workers	15.07	19.45	24.50	30.50	33.03

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ²	10	25	Median 50	75	90
Community and social services occupations					
—Continued					
Child, family, and school social workers	\$14.84	\$15.44	\$24.04	\$30.50	\$45.03
Miscellaneous community and social service specialists	10.33	10.33	12.88	17.85	20.14
Social and human service assistants	10.33	10.33	12.16	16.41	18.31
Legal occupations	17.31	23.14	35.49	84.62	112.64
Lawyers	26.44	37.02	73.36	107.69	128.21
Education, training, and library occupations	11.25	18.13	36.37	49.34	59.10
Postsecondary teachers	32.05	39.05	49.04	60.70	78.58
Life sciences teachers, postsecondary	51.12	51.12	73.42	96.56	138.89
Biological science teachers, postsecondary	51.12	51.12	73.42	96.56	138.89
Physical sciences teachers, postsecondary	49.87	54.68	58.06	78.17	87.77
Social sciences teachers, postsecondary	40.19	49.04	49.04	50.79	50.79
Health teachers, postsecondary	39.05	39.05	71.62	71.62	71.62
Arts, communications, and humanities teachers, postsecondary	32.05	32.05	37.89	54.00	77.66
Miscellaneous postsecondary teachers	21.58	33.71	41.09	49.62	67.83
Primary, secondary, and special education school teachers	10.50	19.16	40.89	50.07	57.73
Preschool and kindergarten teachers	9.75	10.50	13.15	18.10	40.57
Preschool teachers, except special education	9.75	10.50	12.75	16.92	40.57
Elementary and middle school teachers	30.74	39.21	46.03	54.19	59.10
Elementary school teachers, except special education	30.74	39.21	46.07	56.24	59.59
Middle school teachers, except special and vocational education	31.45	37.81	45.93	50.90	57.25
Secondary school teachers	29.15	35.80	44.41	51.81	58.39
Secondary school teachers, except special and vocational education	29.15	35.80	44.41	51.81	58.39
Special education teachers	35.32	39.81	47.94	54.66	61.11
Special education teachers, preschool, kindergarten, and elementary school	35.32	36.65	50.09	56.49	63.74
Other teachers and instructors	10.77	20.67	20.67	27.92	42.25
Self-enrichment education teachers	20.67	20.67	20.67	20.67	49.34
Librarians	19.54	22.43	22.43	25.59	55.70
Teacher assistants	8.50	12.48	14.50	16.31	20.63
Arts, design, entertainment, sports, and media occupations	15.72	17.83	26.44	31.85	40.41
Designers	20.00	22.56	27.73	28.29	33.27
Athletes, coaches, umpires, and related workers	17.74	25.67	35.22	35.22	49.43
Coaches and scouts	17.74	25.67	35.22	35.22	49.43
Writers and editors	26.14	31.30	36.06	46.42	54.33
Editors	26.14	31.30	36.06	40.41	54.33
Healthcare practitioner and technical occupations	19.00	25.47	30.45	42.32	59.52
Physicians and surgeons	26.30	29.08	58.08	110.00	150.00
Registered nurses	27.55	30.41	37.39	51.37	62.20
Therapists	28.13	33.19	34.78	38.57	43.24
Physical therapists	28.59	33.19	34.78	38.57	43.24
Clinical laboratory technologists and technicians	18.13	19.04	26.15	31.90	36.51
Medical and clinical laboratory technologists	22.80	29.21	30.53	34.13	38.09
Medical and clinical laboratory technicians	18.13	18.13	18.79	20.27	23.08
Health diagnosing and treating practitioner support technicians	12.00	15.14	17.25	18.39	25.05
Licensed practical and licensed vocational nurses	19.86	22.79	24.70	27.00	28.40
Medical records and health information technicians	14.00	15.66	15.70	15.70	18.82
Healthcare support occupations	10.30	11.46	14.06	17.31	20.59
Nursing, psychiatric, and home health aides	10.25	10.75	12.62	14.64	17.70
Home health aides	9.30	10.25	10.30	11.46	13.00
Nursing aides, orderlies, and attendants	11.46	12.30	13.75	15.75	18.97
Miscellaneous healthcare support occupations	12.50	14.85	17.31	19.40	24.00
Medical assistants	14.30	14.85	16.89	18.50	25.22
Protective service occupations	11.68	14.77	22.88	29.00	33.02
Fire fighters	22.76	22.88	24.74	29.32	31.29

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ²	10	25	Median 50	75	90
Protective service occupations —Continued					
Bailiffs, correctional officers, and jailers	\$21.98	\$25.53	\$28.96	\$31.81	\$33.02
Police officers	23.60	24.88	28.18	29.80	43.08
Police and sheriff's patrol officers	23.60	24.88	28.18	29.80	43.08
Miscellaneous protective service workers	8.50	16.78	17.40	19.14	19.14
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	3.50	8.00	9.58	12.50	15.00
First-line supervisors/managers of food preparation and serving workers	15.05	19.47	21.73	37.69	47.05
Cooks	14.91	17.00	21.11	26.04	37.69
Cooks, institution and cafeteria	8.00	8.00	11.50	14.00	15.21
Cooks, restaurant	10.39	12.09	14.26	15.43	17.07
Food service, tipped	8.00	10.00	12.00	14.19	15.21
Bartenders	2.63	2.65	3.73	8.00	10.09
Waiters and waitresses	2.63	4.49	5.00	8.00	8.00
Dining room and cafeteria attendants and bartender helpers	2.63	2.63	2.67	3.27	5.00
Fast food and counter workers	3.73	7.50	8.50	10.00	11.89
Combined food preparation and serving workers, including fast food	8.00	8.50	9.10	10.00	12.45
Counter attendants, cafeteria, food concession, and coffee shop	8.25	8.75	10.00	10.25	13.15
Dishwashers	8.00	8.00	9.00	10.00	10.00
Dishwashers	8.00	9.00	9.02	11.00	11.05
Building and grounds cleaning and maintenance occupations					
First-line supervisors/managers, building and grounds cleaning and maintenance workers	9.36	11.00	13.32	15.56	20.84
Building cleaning workers	14.83	17.50	20.64	23.77	37.02
Janitors and cleaners, except maids and housekeeping cleaners	9.30	10.59	13.00	15.00	18.78
Maids and housekeeping cleaners	11.10	12.15	14.14	15.56	19.92
Grounds maintenance workers	8.25	9.15	10.00	10.59	12.50
Landscaping and groundskeeping workers	10.15	12.25	14.06	25.08	27.24
Landscaping and groundskeeping workers	10.00	12.10	14.06	27.24	27.24
Personal care and service occupations					
Child care workers	8.25	10.00	11.66	17.90	27.89
Recreation and fitness workers	8.00	9.00	10.66	14.00	15.50
Recreation workers	9.00	10.22	14.10	19.62	26.44
Recreation workers	11.66	11.66	15.45	19.62	19.62
Sales and related occupations					
First-line supervisors/managers, sales workers	8.50	11.10	16.00	22.30	34.49
First-line supervisors/managers of retail sales workers	13.75	15.25	17.00	20.07	27.55
Retail sales workers	13.76	15.25	17.00	19.66	27.55
Cashiers, all workers	8.07	8.93	11.29	14.27	20.00
Cashiers	8.00	8.30	9.25	11.25	13.00
Counter and rental clerks and parts salespersons	8.00	8.30	9.20	11.20	13.00
Counter and rental clerks	8.00	10.00	12.57	17.31	23.89
Parts salespersons	8.00	8.31	11.35	12.57	20.77
Retail salespersons	12.63	16.00	16.00	25.44	30.65
Securities, commodities, and financial services sales agents	9.00	10.50	12.74	15.67	21.20
Sales representatives, wholesale and manufacturing	34.06	64.23	66.94	110.10	110.10
Sales representatives, wholesale and manufacturing, technical and scientific products	19.22	23.75	27.50	36.91	48.08
Sales representatives, wholesale and manufacturing, except technical and scientific products	19.23	25.48	27.50	48.08	53.27
Miscellaneous sales and related workers	19.08	23.03	28.80	36.91	48.05
Miscellaneous sales and related workers	17.36	17.36	19.00	36.41	42.31
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	12.00	14.66	18.50	22.48	27.06
Financial clerks	20.29	23.00	25.64	34.17	40.00
Billing and posting clerks and machine operators	12.00	14.69	17.50	21.16	27.60
Bookkeeping, accounting, and auditing clerks	9.11	11.16	15.55	18.35	20.00
Tellers	15.00	17.91	20.91	27.54	34.46
Brokerage clerks	11.73	12.00	14.10	16.65	18.75
Brokerage clerks	18.11	18.76	21.18	22.02	22.02

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ²	10	25	Median 50	75	90
Office and administrative support occupations					
—Continued					
Customer service representatives	\$12.03	\$14.11	\$16.58	\$20.67	\$24.42
Receptionists and information clerks	11.15	12.69	14.95	17.62	20.15
Reservation and transportation ticket agents and travel clerks	9.00	10.00	13.19	21.17	21.17
Dispatchers	12.50	12.50	18.12	21.24	37.58
Dispatchers, except police, fire, and ambulance	12.50	12.50	12.50	26.77	37.58
Shipping, receiving, and traffic clerks	11.60	13.50	16.00	21.44	27.79
Stock clerks and order fillers	8.00	8.50	10.84	14.00	18.75
Secretaries and administrative assistants	14.00	17.50	21.28	25.52	29.38
Executive secretaries and administrative assistants	20.75	21.92	25.03	28.27	30.55
Medical secretaries	15.00	16.71	20.00	20.54	25.00
Secretaries, except legal, medical, and executive	12.00	13.20	18.05	21.62	25.33
Data entry and information processing workers	10.00	11.50	13.71	14.71	19.72
Data entry keyers	10.00	10.71	14.46	19.04	21.36
Insurance claims and policy processing clerks	14.52	15.38	17.08	20.86	26.61
Office clerks, general	13.95	16.54	19.53	22.21	26.85
Construction and extraction occupations					
Carpenters	26.28	32.54	37.07	37.59	40.65
Construction laborers	7.59	14.00	28.60	29.49	29.49
Electricians	18.90	19.80	24.98	32.00	44.25
Pipelayers, plumbers, pipefitters, and steamfitters	14.00	20.00	26.22	33.12	45.22
Plumbers, pipefitters, and steamfitters	20.00	23.06	32.30	45.22	45.22
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	29.75	32.44	38.95	43.69	43.69
Automotive technicians and repairers	16.50	19.12	25.16	27.50	52.39
Automotive service technicians and mechanics	16.00	19.12	25.00	27.50	52.39
Bus and truck mechanics and diesel engine specialists ...	14.42	18.50	20.50	22.80	24.24
Industrial machinery installation, repair, and maintenance workers	17.73	20.40	21.93	24.23	28.17
Maintenance and repair workers, general	17.34	19.20	21.93	24.23	28.17
Line installers and repairers	19.21	23.61	30.28	34.31	36.84
Telecommunications line installers and repairers	19.15	23.61	30.28	34.31	36.84
Production occupations					
First-line supervisors/managers of production and operating workers	19.23	22.01	28.08	35.13	35.13
Electrical, electronics, and electromechanical assemblers	11.53	12.39	13.54	17.00	18.13
Electrical and electronic equipment assemblers	11.53	12.39	13.05	16.65	18.80
Miscellaneous assemblers and fabricators	9.02	11.86	14.15	15.84	18.68
Butchers and other meat, poultry, and fish processing workers	9.00	15.22	15.40	15.75	16.50
Machine tool cutting setters, operators, and tenders, metal and plastic	11.86	13.90	16.40	19.90	24.41
Printers	10.50	13.25	18.00	23.47	25.13
Prepress technicians and workers	10.00	11.00	17.10	20.60	40.72
Printing machine operators	11.00	13.25	18.00	24.00	25.13
Inspectors, testers, sorters, samplers, and weighers	12.40	14.76	18.02	19.91	21.99
Miscellaneous production workers	9.88	9.88	12.74	15.03	18.10

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ²	10	25	Median 50	75	90
Transportation and material moving occupations	\$8.50	\$10.25	\$16.00	\$19.95	\$25.00
Bus drivers	9.25	9.80	11.36	16.87	30.18
Driver/sales workers and truck drivers	10.50	16.72	19.00	23.00	26.20
Truck drivers, heavy and tractor-trailer	16.63	18.37	20.00	23.00	26.56
Truck drivers, light or delivery services	9.13	10.00	16.50	21.92	24.58
Industrial truck and tractor operators	13.90	16.29	18.37	20.36	22.11
Laborers and material movers, hand	8.00	9.00	10.80	14.39	16.73
Laborers and freight, stock, and material movers, hand	8.00	10.00	12.50	15.98	18.34

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

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	10	25	Median 50	75	90
All workers	\$10.00	\$13.57	\$20.29	\$33.43	\$49.31
Management occupations	26.00	32.69	45.93	61.28	85.49
General and operations managers	34.00	43.27	55.34	96.15	96.15
Marketing and sales managers	32.30	37.86	49.13	68.64	92.23
Marketing managers	33.56	38.55	49.13	68.64	97.55
Sales managers	24.86	33.28	51.45	57.18	92.23
Computer and information systems managers	37.02	47.90	53.41	60.74	86.11
Financial managers	27.06	32.69	66.08	75.72	85.82
Human resources managers	31.38	33.68	41.88	47.60	55.31
Education administrators	24.57	30.47	42.86	59.34	66.76
Education administrators, postsecondary	24.57	30.47	42.86	59.34	66.76
Engineering managers	47.52	52.40	52.40	62.65	70.38
Medical and health services managers	26.45	32.81	37.00	41.62	49.75
Social and community service managers	22.86	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.18	21.55	29.37	39.62	50.73
Buyers and purchasing agents	18.95	20.00	27.25	34.66	46.63
Wholesale and retail buyers, except farm products	14.49	20.00	20.05	27.56	34.00
Purchasing agents, except wholesale, retail, and farm products	19.36	27.25	29.85	40.50	46.63
Claims adjusters, appraisers, examiners, and investigators	17.54	20.82	28.96	37.36	46.50
Claims adjusters, examiners, and investigators	17.54	20.10	27.69	39.62	46.50
Compliance officers, except agriculture, construction, health and safety, and transportation	18.88	19.11	22.30	28.93	48.05
Human resources, training, and labor relations specialists	18.76	23.51	25.76	37.15	47.03
Training and development specialists	22.35	25.76	37.13	41.69	47.17
Management analysts	24.27	31.78	50.73	59.62	80.10
Accountants and auditors	17.32	19.24	27.20	34.87	49.54
Financial analysts and advisors	24.04	26.44	37.86	48.08	103.37
Financial analysts	26.23	29.33	38.62	48.08	106.25
Computer and mathematical science occupations	21.98	31.73	42.31	50.11	57.55
Computer software engineers	31.99	39.90	47.36	56.38	76.66
Computer software engineers, applications	34.67	41.49	46.64	56.25	85.47
Computer software engineers, systems software	30.95	39.58	47.91	56.79	64.45
Computer support specialists	19.23	24.28	33.28	45.67	53.85
Computer systems analysts	34.19	34.80	41.79	49.60	55.07
Network and computer systems administrators	19.71	19.77	36.50	47.01	55.01
Architecture and engineering occupations	23.47	29.65	38.66	47.71	57.30
Architects, except naval	16.46	22.22	27.13	37.70	44.97
Architects, except landscape and naval	16.46	18.52	27.13	38.85	55.00
Engineers	31.15	38.46	43.85	51.65	61.79
Electrical and electronics engineers	28.40	36.64	45.95	48.22	53.04
Electrical engineers	34.38	43.33	47.71	47.71	47.71
Electronics engineers, except computer	27.06	36.64	45.87	49.01	54.67
Mechanical engineers	26.04	35.58	41.11	48.11	57.50
Engineering technicians, except drafters	15.60	25.39	27.64	38.02	38.02
Electrical and electronic engineering technicians	15.60	20.70	38.02	38.02	39.32
Life, physical, and social science occupations	19.10	24.61	35.01	46.21	59.22
Life scientists	21.43	34.67	38.37	48.08	59.22
Biological scientists	35.72	36.32	44.81	52.46	69.71
Medical scientists	21.41	28.55	35.01	38.50	59.22
Physical scientists	24.61	24.61	32.69	46.21	61.10
Chemists and materials scientists	30.78	42.63	46.21	61.10	66.27
Community and social services occupations	10.33	12.16	16.39	20.82	26.92
Counselors	11.59	12.36	12.40	19.23	22.17
Educational, vocational, and school counselors	12.41	19.17	21.93	22.17	38.46
Social workers	14.84	16.39	19.86	24.74	28.87
Miscellaneous community and social service specialists	10.33	10.33	12.16	16.41	22.37
Social and human service assistants	10.33	10.33	12.10	16.41	18.31
Legal occupations	21.64	26.44	41.76	87.71	117.95
Lawyers	26.44	42.56	84.62	112.64	128.21

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	10	25	Median 50	75	90
Education, training, and library occupations	\$10.00	\$13.65	\$21.58	\$44.97	\$58.29
Postsecondary teachers	32.05	37.89	49.04	62.13	78.60
Life sciences teachers, postsecondary	51.12	51.12	73.42	96.56	138.89
Biological science teachers, postsecondary	51.12	51.12	73.42	96.56	138.89
Arts, communications, and humanities teachers, postsecondary	32.05	32.05	32.90	54.00	82.30
Miscellaneous postsecondary teachers	21.58	33.71	41.09	49.62	67.83
Primary, secondary, and special education school teachers	10.00	10.50	15.69	20.48	43.32
Preschool and kindergarten teachers	9.75	10.40	12.50	16.58	19.95
Preschool teachers, except special education	9.75	10.40	12.50	16.58	19.95
Other teachers and instructors	20.67	20.67	20.67	22.00	35.50
Teacher assistants	8.50	8.50	12.35	14.50	16.00
Arts, design, entertainment, sports, and media occupations	15.72	17.83	26.44	31.85	40.41
Designers	20.00	22.56	27.73	28.29	33.27
Writers and editors	26.14	31.30	36.06	46.42	54.33
Editors	26.14	31.30	36.06	40.41	54.33
Healthcare practitioner and technical occupations	18.82	25.44	30.25	41.50	60.18
Physicians and surgeons	26.30	29.08	58.08	110.00	150.00
Registered nurses	27.32	30.30	36.79	51.92	65.22
Therapists	28.13	33.19	34.78	38.57	43.24
Physical therapists	28.59	33.19	34.78	38.57	43.24
Clinical laboratory technologists and technicians	18.13	19.04	26.15	31.90	36.51
Medical and clinical laboratory technologists	22.80	29.21	30.53	34.13	38.09
Medical and clinical laboratory technicians	18.13	18.13	18.79	20.27	23.08
Health diagnosing and treating practitioner support technicians	12.00	15.14	17.25	18.39	25.05
Licensed practical and licensed vocational nurses	19.86	22.79	24.70	27.00	28.40
Medical records and health information technicians	14.00	15.66	15.70	15.70	18.82
Healthcare support occupations	10.30	11.40	13.97	17.31	20.40
Nursing, psychiatric, and home health aides	10.25	10.75	12.55	14.57	17.74
Home health aides	9.30	10.25	10.30	11.46	13.00
Nursing aides, orderlies, and attendants	11.33	12.20	13.57	15.70	18.97
Miscellaneous healthcare support occupations	12.38	14.79	17.10	19.26	23.28
Medical assistants	14.30	14.85	16.89	18.50	25.22
Protective service occupations	11.03	11.68	13.49	14.77	21.64
Food preparation and serving related occupations	3.50	8.00	9.50	12.35	15.00
First-line supervisors/managers, food preparation and serving workers	14.91	18.59	21.82	37.69	47.05
First-line supervisors/managers of food preparation and serving workers	14.91	17.00	21.11	26.04	37.69
Cooks	8.00	8.00	11.50	13.90	15.21
Cooks, institution and cafeteria	10.39	12.09	14.26	15.43	17.07
Cooks, restaurant	8.00	10.00	12.00	14.19	15.21
Food service, tipped	2.63	2.65	3.73	8.00	10.00
Bartenders	2.63	4.49	5.00	8.00	8.00
Waiters and waitresses	2.63	2.63	2.67	3.27	5.00
Dining room and cafeteria attendants and bartender helpers	3.73	7.50	8.40	10.00	11.50
Fast food and counter workers	8.00	8.50	9.01	10.00	11.64
Combined food preparation and serving workers, including fast food	8.25	8.75	10.00	10.10	13.15
Counter attendants, cafeteria, food concession, and coffee shop	8.00	8.00	9.00	10.00	10.00
Dishwashers	8.00	9.00	9.02	11.00	11.05
Building and grounds cleaning and maintenance occupations	9.01	10.25	12.63	14.73	20.28
Building cleaning workers	9.00	10.13	11.70	14.24	15.05
Janitors and cleaners, except maids and housekeeping cleaners	10.89	11.59	13.32	14.73	15.08
Maids and housekeeping cleaners	8.25	9.15	10.00	10.59	12.50
Grounds maintenance workers	10.00	12.10	14.06	27.24	27.24

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	10	25	Median 50	75	90
Building and grounds cleaning and maintenance occupations —Continued					
Landscaping and groundskeeping workers	\$10.00	\$12.10	\$14.06	\$27.24	\$27.24
Personal care and service occupations					
Child care workers	8.25	10.00	12.00	19.23	31.25
Recreation and fitness workers	8.00	9.18	10.90	14.00	15.50
Recreation workers	9.00	10.22	14.00	19.62	26.44
Recreation workers	11.66	11.66	15.45	19.62	19.62
Sales and related occupations					
First-line supervisors/managers, sales workers	8.50	11.16	16.00	22.64	34.49
First-line supervisors/managers of retail sales workers	13.33	14.92	16.85	20.07	27.55
Retail sales workers	13.76	15.25	16.70	19.62	27.55
Cashiers, all workers	8.07	8.84	11.35	14.62	19.50
Cashiers	8.00	8.27	9.00	11.19	12.85
Cashiers	8.00	8.27	9.00	11.19	12.85
Counter and rental clerks and parts salespersons	8.00	10.00	12.57	17.31	23.89
Counter and rental clerks	8.00	8.31	11.35	12.57	20.77
Parts salespersons	12.63	16.00	16.00	25.44	30.65
Retail salespersons	9.00	10.50	12.74	15.67	21.20
Securities, commodities, and financial services sales agents	34.06	64.23	66.94	110.10	110.10
Sales representatives, wholesale and manufacturing	19.22	23.75	27.50	36.91	48.08
Sales representatives, wholesale and manufacturing, technical and scientific products	19.23	25.48	27.50	48.08	53.27
Sales representatives, wholesale and manufacturing, except technical and scientific products	19.08	23.03	28.80	36.91	48.05
Miscellaneous sales and related workers	17.36	17.36	19.00	36.41	42.31
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	11.80	14.35	17.99	22.02	26.90
Financial clerks	20.29	23.00	25.64	34.17	40.00
Billing and posting clerks and machine operators	12.00	14.55	17.50	21.16	28.83
Bookkeeping, accounting, and auditing clerks	9.11	11.16	15.55	18.35	20.00
Tellers	15.00	17.91	20.91	26.68	34.46
Tellers	11.73	12.00	14.10	16.65	18.75
Brokerage clerks	18.11	18.76	21.18	22.02	22.02
Customer service representatives	12.00	14.11	16.58	20.07	23.45
Receptionists and information clerks	11.15	12.69	14.95	17.62	20.15
Reservation and transportation ticket agents and travel clerks	9.00	10.00	13.19	21.17	21.17
Shipping, receiving, and traffic clerks	11.60	13.50	16.00	21.44	27.79
Stock clerks and order fillers	8.00	8.50	10.05	14.00	18.75
Secretaries and administrative assistants	14.00	16.83	20.72	25.29	29.38
Executive secretaries and administrative assistants	19.96	22.64	25.03	28.27	30.77
Medical secretaries	15.00	16.55	20.00	20.11	25.00
Secretaries, except legal, medical, and executive	12.00	13.00	15.81	20.39	24.68
Data entry and information processing workers	10.00	10.71	13.71	14.71	21.36
Data entry keyers	10.00	10.71	13.71	14.71	21.36
Insurance claims and policy processing clerks	14.52	15.38	17.08	20.86	26.61
Office clerks, general	14.54	16.54	19.30	23.39	26.85
Construction and extraction occupations					
Carpenters	15.19	20.00	28.60	37.07	41.45
Carpenters	25.19	32.54	37.07	37.59	40.65
Construction laborers	7.59	14.00	28.60	29.49	29.49
Electricians	18.90	19.58	24.00	31.00	44.25
Pipelayers, plumbers, pipefitters, and steamfitters	14.00	14.00	30.45	45.22	45.22
Plumbers, pipefitters, and steamfitters	20.00	30.45	33.05	45.22	45.22
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	15.36	19.12	24.23	32.44	38.95
First-line supervisors/managers of mechanics, installers, and repairers	29.75	32.44	38.95	43.69	43.69
Automotive technicians and repairers	16.50	19.12	25.16	27.50	52.39
Automotive service technicians and mechanics	16.00	19.12	25.00	27.50	52.39
Industrial machinery installation, repair, and maintenance workers	18.73	20.80	22.50	24.23	25.34
Maintenance and repair workers, general	17.50	21.00	22.50	24.23	25.34
Line installers and repairers	19.21	23.61	30.28	34.31	36.84
Telecommunications line installers and repairers	19.15	23.61	30.28	34.31	36.84

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	10	25	Median 50	75	90
Production occupations	\$11.00	\$12.74	\$15.55	\$19.23	\$25.63
First-line supervisors/managers of production and operating workers	19.23	22.01	28.08	35.13	35.13
Electrical, electronics, and electromechanical assemblers	11.53	12.39	13.54	17.00	18.13
Electrical and electronic equipment assemblers	11.53	12.39	13.05	16.65	18.80
Miscellaneous assemblers and fabricators	9.02	11.86	14.15	15.84	18.68
Butchers and other meat, poultry, and fish processing workers	9.00	15.22	15.40	15.75	16.50
Machine tool cutting setters, operators, and tenders, metal and plastic	11.86	13.90	16.40	19.90	24.41
Printers	10.50	13.25	18.00	23.47	25.13
Prepress technicians and workers	10.00	11.00	17.10	20.60	40.72
Printing machine operators	11.00	13.25	18.00	24.00	25.13
Inspectors, testers, sorters, samplers, and weighers	12.40	14.76	18.02	19.91	21.99
Miscellaneous production workers	9.88	9.88	12.74	15.03	18.10
Transportation and material moving occupations	8.50	10.00	15.03	19.90	24.32
Driver/sales workers and truck drivers	10.50	16.63	19.00	23.00	26.20
Truck drivers, heavy and tractor-trailer	16.63	18.37	20.00	23.00	26.56
Truck drivers, light or delivery services	9.13	10.00	16.50	22.64	24.58
Industrial truck and tractor operators	13.90	16.29	18.37	20.36	22.11
Laborers and material movers, hand	8.00	9.00	10.75	14.25	16.64
Laborers and freight, stock, and material movers, hand	8.00	9.50	12.23	15.98	16.64

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

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 8. State and local government workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	10	25	Median 50	75	90
All workers	\$16.26	\$21.03	\$27.92	\$38.68	\$51.74
Management occupations	28.12	34.75	39.56	53.00	58.42
Education administrators	28.12	46.71	57.21	60.34	67.19
Education administrators, elementary and secondary school	46.71	48.24	57.69	61.78	67.19
Business and financial operations occupations	20.08	21.07	27.64	31.75	34.65
Computer and mathematical science occupations	29.13	32.41	36.63	40.87	44.53
Life, physical, and social science occupations	17.77	20.76	25.13	30.85	52.15
Community and social services occupations	22.63	26.25	29.90	35.23	52.69
Counselors	26.66	27.28	27.97	46.63	56.19
Educational, vocational, and school counselors	30.58	45.41	46.63	53.88	60.67
Social workers	23.68	26.25	30.50	33.03	45.03
Education, training, and library occupations	16.40	26.41	42.04	51.62	59.22
Primary, secondary, and special education school teachers	32.92	39.43	46.68	54.19	59.10
Elementary and middle school teachers	32.73	39.23	46.55	54.58	59.15
Elementary school teachers, except special education	33.28	39.76	46.56	56.29	59.90
Middle school teachers, except special and vocational education	31.83	37.81	46.54	50.90	57.25
Secondary school teachers	31.45	37.74	46.01	52.35	59.10
Secondary school teachers, except special and vocational education	31.45	37.74	46.01	52.35	59.10
Special education teachers	35.32	39.81	47.94	54.66	61.11
Special education teachers, preschool, kindergarten, and elementary school	35.32	36.65	50.09	56.49	63.74
Other teachers and instructors	8.63	11.67	20.82	33.95	49.34
Librarians	22.43	22.43	22.43	24.83	60.55
Teacher assistants	13.32	14.12	15.87	18.46	21.38
Healthcare practitioner and technical occupations	23.61	26.56	34.65	43.61	51.71
Registered nurses	28.24	31.41	39.38	43.61	56.49
Healthcare support occupations	13.33	14.34	15.80	17.77	24.00
Protective service occupations	21.98	24.63	27.72	31.81	34.23
Fire fighters	22.76	22.88	24.74	29.32	31.29
Police officers	23.60	24.88	28.40	29.80	43.08
Police and sheriff's patrol officers	23.60	24.88	28.40	29.80	43.08
Food preparation and serving related occupations	9.81	11.29	13.35	14.83	17.14
Building and grounds cleaning and maintenance occupations	13.07	14.64	18.67	20.49	23.50
Building cleaning workers	13.07	14.64	18.14	19.92	21.01
Janitors and cleaners, except maids and housekeeping cleaners	13.07	14.64	18.14	19.92	21.01
Personal care and service occupations	8.23	8.78	10.00	15.78	15.78
Child care workers	8.23	8.78	10.00	11.03	15.78
Office and administrative support occupations	15.95	19.53	21.31	26.05	29.59
Secretaries and administrative assistants	18.77	21.19	22.09	26.05	26.65
Executive secretaries and administrative assistants	21.19	21.72	24.36	25.98	26.65
Secretaries, except legal, medical, and executive	17.12	18.77	22.09	26.05	26.07
Office clerks, general	13.32	16.75	20.48	21.07	28.18
Construction and extraction occupations	22.10	23.06	25.73	33.10	35.86
Installation, maintenance, and repair occupations	17.88	19.20	21.24	25.28	35.05
Industrial machinery installation, repair, and maintenance workers	16.61	18.32	19.20	28.17	31.00
Maintenance and repair workers, general	16.61	18.32	19.20	28.17	31.00

See footnotes at end of table.

Table 8. State and local government workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	10	25	Median 50	75	90
Transportation and material moving occupations	\$16.64	\$17.02	\$18.73	\$30.18	\$30.48

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

nonproduction bonuses; and tips.

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
All workers	\$11.86	\$16.00	\$23.22	\$36.30	\$50.79
Management occupations	26.10	32.79	45.00	59.14	82.81
General and operations managers	32.97	43.27	51.63	80.59	96.15
Marketing and sales managers	32.30	37.86	49.13	68.64	92.23
Marketing managers	33.56	38.55	49.13	68.64	97.55
Sales managers	24.86	33.28	51.45	57.18	92.23
Computer and information systems managers	37.02	48.85	53.41	58.26	86.11
Financial managers	27.48	37.50	62.50	75.72	85.82
Human resources managers	31.38	33.68	41.88	47.60	55.31
Purchasing managers	31.25	31.25	44.10	48.89	63.00
Education administrators	27.08	31.61	52.67	59.34	67.19
Education administrators, elementary and secondary school	46.71	48.24	57.69	61.78	67.19
Education administrators, postsecondary	24.57	29.76	41.71	59.34	66.76
Engineering managers	41.83	50.42	52.40	62.65	70.38
Medical and health services managers	26.58	30.91	36.96	40.25	49.75
Social and community service managers	22.86	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.18	21.54	29.23	39.21	50.73
Buyers and purchasing agents	18.95	20.00	27.25	34.13	46.63
Wholesale and retail buyers, except farm products	14.49	20.00	20.05	27.56	34.00
Purchasing agents, except wholesale, retail, and farm products	19.36	25.00	29.71	40.50	46.63
Claims adjusters, appraisers, examiners, and investigators	17.54	20.67	27.69	36.24	39.62
Claims adjusters, examiners, and investigators	17.54	19.80	26.15	37.36	39.62
Compliance officers, except agriculture, construction, health and safety, and transportation	18.88	19.11	22.30	28.93	48.05
Human resources, training, and labor relations specialists	19.02	24.10	26.85	37.15	47.17
Training and development specialists	25.76	25.76	37.15	41.93	47.17
Management analysts	24.27	31.78	50.73	59.62	80.10
Accountants and auditors	17.36	19.38	27.20	34.00	43.29
Financial analysts and advisors	24.04	26.44	37.95	48.08	103.37
Financial analysts	26.23	29.33	38.62	48.08	106.25
Computer and mathematical science occupations	21.98	31.99	42.28	49.60	57.39
Computer programmers	27.12	28.85	34.82	39.86	45.55
Computer software engineers	31.99	39.90	47.36	56.38	76.66
Computer software engineers, applications	34.67	41.49	46.64	56.25	85.47
Computer software engineers, systems software	30.95	39.58	47.91	56.79	64.45
Computer support specialists	19.23	24.28	33.28	44.53	53.85
Computer systems analysts	34.19	34.80	41.79	49.60	55.07
Network and computer systems administrators	19.71	19.77	36.50	47.01	55.01
Network systems and data communications analysts	21.98	21.98	34.87	37.02	45.67
Architecture and engineering occupations	23.47	28.63	38.46	47.69	57.50
Engineers	31.15	38.46	43.27	50.28	61.79
Electrical and electronics engineers	28.63	39.12	46.14	49.01	54.26
Electrical engineers	34.38	44.07	47.71	47.71	54.26
Electronics engineers, except computer	27.06	36.64	45.87	49.01	54.67
Mechanical engineers	26.04	35.58	41.11	48.11	57.50
Engineering technicians, except drafters	15.60	26.41	27.56	38.02	38.02
Electrical and electronic engineering technicians	15.60	20.70	38.02	38.02	39.32
Life, physical, and social science occupations	18.51	23.50	33.65	46.21	59.22
Life scientists	21.41	28.55	38.27	47.10	59.22
Biological scientists	35.72	36.32	44.81	52.46	69.71
Medical scientists	21.41	28.55	35.01	38.50	59.22
Physical scientists	22.39	24.61	30.78	46.21	61.10
Chemists and materials scientists	30.78	42.63	46.21	61.10	66.27
Community and social services occupations	11.59	12.40	19.38	27.05	33.03
Counselors	11.59	12.40	19.23	27.97	46.63
Educational, vocational, and school counselors	13.50	20.05	38.46	46.63	56.19
Social workers	15.07	19.45	24.48	30.29	33.03
Child, family, and school social workers	14.84	15.44	24.04	30.50	45.03

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Community and social services occupations					
—Continued					
Miscellaneous community and social service specialists	\$10.33	\$10.33	\$12.16	\$16.41	\$19.54
Social and human service assistants	10.33	10.33	12.16	16.41	16.59
Legal occupations	18.60	24.04	37.02	84.62	112.64
Lawyers	26.44	37.02	73.36	107.69	128.21
Education, training, and library occupations	12.35	19.54	38.29	49.87	59.22
Postsecondary teachers	32.05	40.19	49.04	60.14	78.58
Life sciences teachers, postsecondary	51.12	51.12	74.35	96.96	140.96
Biological science teachers, postsecondary	51.12	51.12	74.35	96.96	140.96
Physical sciences teachers, postsecondary	49.87	54.68	58.06	78.17	87.77
Arts, communications, and humanities teachers, postsecondary	32.05	32.05	37.89	54.00	69.77
Miscellaneous postsecondary teachers	21.58	35.01	41.09	48.21	73.22
Primary, secondary, and special education school teachers	11.00	20.48	41.31	50.42	57.73
Preschool and kindergarten teachers	9.85	10.50	14.54	18.10	43.32
Preschool teachers, except special education	9.75	10.50	13.65	16.92	19.95
Elementary and middle school teachers	30.98	39.21	46.07	54.15	59.10
Elementary school teachers, except special education	30.88	39.21	46.07	56.24	59.59
Middle school teachers, except special and vocational education	31.45	37.81	45.93	50.90	57.25
Secondary school teachers	29.15	35.80	44.41	51.81	58.39
Secondary school teachers, except special and vocational education	29.15	35.80	44.41	51.81	58.39
Special education teachers	35.32	39.81	47.94	52.34	56.82
Special education teachers, preschool, kindergarten, and elementary school	35.32	35.34	47.94	54.82	60.51
Other teachers and instructors	20.67	20.67	20.67	22.00	33.95
Teacher assistants	8.50	13.00	14.33	16.46	20.79
Arts, design, entertainment, sports, and media occupations	15.72	17.83	26.44	31.85	40.41
Designers	20.00	22.56	27.73	28.29	33.27
Writers and editors	27.74	31.30	36.06	48.36	54.33
Editors	27.20	31.30	36.06	41.00	54.33
Healthcare practitioner and technical occupations	18.38	25.07	29.24	38.57	62.32
Physicians and surgeons	26.07	29.08	56.14	110.00	150.00
Registered nurses	27.62	29.91	34.65	49.40	62.32
Therapists	28.59	33.19	33.19	38.57	43.24
Physical therapists	28.59	33.19	33.19	38.57	43.24
Clinical laboratory technologists and technicians	18.13	18.79	23.18	30.53	32.54
Health diagnosing and treating practitioner support technicians	12.00	14.95	17.00	18.03	19.32
Licensed practical and licensed vocational nurses	20.40	23.05	25.19	27.00	28.64
Medical records and health information technicians	14.00	15.66	15.70	15.70	19.12
Healthcare support occupations	10.30	11.00	14.13	16.91	19.57
Nursing, psychiatric, and home health aides	10.30	10.58	12.93	15.07	18.00
Home health aides	9.30	10.30	10.43	11.00	13.00
Nursing aides, orderlies, and attendants	11.58	12.55	14.13	16.66	19.23
Miscellaneous healthcare support occupations	14.20	14.85	17.10	19.57	30.47
Medical assistants	11.75	14.70	16.45	20.35	27.23
Protective service occupations	11.71	14.77	23.80	29.32	33.02
Fire fighters	22.76	22.88	24.74	29.32	31.29
Bailiffs, correctional officers, and jailers	21.98	25.53	29.22	31.81	33.02
Police officers	23.49	24.88	26.37	29.80	34.13
Police and sheriff's patrol officers	23.49	24.88	26.37	29.80	34.13
Food preparation and serving related occupations	8.00	9.00	10.83	13.75	17.00
First-line supervisors/managers, food preparation and serving workers	15.05	19.47	21.73	37.69	47.05

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Food preparation and serving related occupations					
—Continued					
First-line supervisors/managers of food preparation and serving workers	\$14.91	\$17.00	\$21.11	\$26.04	\$37.69
Cooks	8.00	9.77	13.00	14.19	15.43
Cooks, institution and cafeteria	9.77	12.09	14.62	15.54	16.70
Cooks, restaurant	8.18	10.00	13.75	14.50	15.61
Food service, tipped	3.26	3.27	5.15	11.37	13.50
Fast food and counter workers	8.50	9.00	10.00	10.00	13.20
Combined food preparation and serving workers, including fast food	8.75	9.00	10.00	10.00	14.83
Counter attendants, cafeteria, food concession, and coffee shop	8.00	8.75	9.25	10.00	12.75
Building and grounds cleaning and maintenance occupations					
First-line supervisors/managers, building and grounds cleaning and maintenance workers	9.30	10.40	13.75	18.06	23.05
Building cleaning workers	14.83	17.50	20.64	23.77	37.02
Janitors and cleaners, except maids and housekeeping cleaners	9.00	10.13	13.32	15.56	19.92
Maids and housekeeping cleaners	11.51	13.32	14.64	18.14	20.28
Grounds maintenance workers	8.25	8.93	10.00	10.32	11.44
Landscaping and groundskeeping workers	10.15	12.42	14.06	27.24	27.24
Landscaping and groundskeeping workers	10.15	12.17	14.06	27.24	27.24
Personal care and service occupations					
First-line supervisors/managers, sales workers	9.53	11.06	15.45	25.74	38.57
Sales and related occupations					
First-line supervisors/managers, sales workers	11.38	14.00	19.16	26.88	36.91
First-line supervisors/managers of retail sales workers	13.75	15.29	17.01	20.07	27.55
Retail sales workers	13.96	15.34	17.50	20.07	27.55
Cashiers, all workers	10.00	11.43	14.00	17.10	23.46
Cashiers	4.86	8.27	11.19	13.62	15.43
Counter and rental clerks and parts salespersons	4.86	8.27	11.19	13.62	15.43
Parts salespersons	11.24	12.00	16.00	21.42	30.65
Retail salespersons	12.63	16.00	17.31	25.44	30.65
Securities, commodities, and financial services sales agents	10.35	12.12	14.21	18.08	23.12
Sales representatives, wholesale and manufacturing	38.71	64.23	82.05	110.10	110.31
Sales representatives, wholesale and manufacturing, technical and scientific products	19.22	23.75	27.50	36.91	48.08
Sales representatives, wholesale and manufacturing, except technical and scientific products	19.23	25.48	27.50	48.08	53.27
Miscellaneous sales and related workers	19.08	23.03	28.80	36.91	48.05
Miscellaneous sales and related workers	17.36	17.36	17.95	37.95	44.47
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	12.50	15.38	19.30	22.92	27.79
Financial clerks	20.29	23.00	25.64	34.17	40.00
Billing and posting clerks and machine operators	12.26	15.14	17.91	21.50	30.36
Bookkeeping, accounting, and auditing clerks	9.11	10.75	16.32	18.35	20.00
Tellers	15.45	17.99	21.16	27.60	34.46
Brokerage clerks	11.47	11.80	15.17	18.50	18.75
Customer service representatives	18.11	18.76	21.18	22.02	22.02
Receptionists and information clerks	12.98	14.46	16.85	20.81	24.93
Dispatchers	12.09	13.22	15.00	17.62	20.15
Shipping, receiving, and traffic clerks	12.50	12.50	19.59	26.77	37.58
Stock clerks and order fillers	12.30	14.00	16.02	21.44	27.79
Secretaries and administrative assistants	11.00	12.11	14.00	18.75	27.90
Executive secretaries and administrative assistants	15.39	18.87	21.72	25.88	29.49
Medical secretaries	20.75	21.92	25.03	28.27	30.55
Secretaries, except legal, medical, and executive	15.60	16.82	20.00	20.15	22.48
Data entry and information processing workers	12.00	13.90	19.61	22.09	26.05
Insurance claims and policy processing clerks	10.00	10.71	13.51	19.04	21.36
Office clerks, general	14.52	15.38	17.08	20.86	26.61
Office clerks, general	13.95	17.00	20.69	21.73	25.63
Construction and extraction occupations					
Construction and extraction occupations	18.84	21.42	28.60	37.07	41.45

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Construction and extraction occupations –Continued					
Carpenters	\$27.00	\$32.54	\$37.07	\$37.59	\$40.65
Construction laborers	21.50	21.50	28.60	29.49	30.30
Electricians	18.90	19.80	24.98	32.00	44.25
Pipelayers, plumbers, pipefitters, and steamfitters	14.00	20.00	26.22	33.12	45.22
Plumbers, pipefitters, and steamfitters	20.00	23.06	32.30	45.22	45.22
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	16.26	19.12	23.61	31.25	38.95
Automotive technicians and repairers	29.75	32.44	38.95	43.69	43.69
Automotive service technicians and mechanics	16.50	19.12	25.16	27.50	52.39
Bus and truck mechanics and diesel engine specialists ...	16.50	19.12	25.00	27.50	52.39
Industrial machinery installation, repair, and maintenance workers	14.42	18.50	20.50	22.80	24.24
Maintenance and repair workers, general	17.88	20.40	21.93	24.23	28.17
Line installers and repairers	17.50	19.20	21.93	24.23	28.17
Telecommunications line installers and repairers	19.21	23.61	30.28	34.31	36.84
Telecommunications line installers and repairers	19.15	23.61	30.28	34.31	36.84
Production occupations					
First-line supervisors/managers of production and operating workers	11.30	13.05	15.69	19.57	26.50
Electrical, electronics, and electromechanical assemblers	19.23	22.01	28.08	35.13	35.13
Electrical and electronic equipment assemblers	11.53	12.39	13.54	17.00	18.13
Miscellaneous assemblers and fabricators	11.53	12.39	13.05	16.65	18.80
Machine tool cutting setters, operators, and tenders, metal and plastic	9.01	11.56	14.15	15.84	18.68
Printers	11.86	13.90	16.40	19.90	24.41
Prepress technicians and workers	10.50	13.25	18.00	23.47	25.13
Printing machine operators	10.00	11.00	17.10	20.60	40.72
Inspectors, testers, sorters, samplers, and weighers	11.00	13.25	18.00	24.00	25.13
Inspectors, testers, sorters, samplers, and weighers	14.16	15.22	18.02	19.91	21.99
Transportation and material moving occupations					
Driver/sales workers and truck drivers	9.37	12.25	17.77	21.10	26.20
Truck drivers, heavy and tractor-trailer	10.50	16.79	19.95	23.00	26.20
Truck drivers, light or delivery services	16.63	18.37	20.00	23.00	26.56
Industrial truck and tractor operators	8.00	11.00	16.50	21.91	24.58
Laborers and material movers, hand	14.29	16.50	18.37	20.36	22.11
Laborers and freight, stock, and material movers, hand	8.00	10.50	13.50	15.98	18.34
Packers and packagers, hand	8.00	10.00	13.53	16.14	19.77
Packers and packagers, hand	9.00	10.50	12.25	13.89	14.25

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

² Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 10. Part-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
All workers	\$8.00	\$8.75	\$11.05	\$15.26	\$28.13
Business and financial operations occupations	12.61	16.70	28.95	47.33	54.62
Community and social services occupations	10.00	18.31	18.31	26.25	31.26
Education, training, and library occupations	9.50	11.07	19.00	38.50	54.94
Postsecondary teachers	27.64	34.00	41.15	66.23	66.23
Miscellaneous postsecondary teachers	27.64	27.64	43.22	66.23	66.23
Other teachers and instructors	8.63	10.77	19.86	36.50	49.24
Teacher assistants	9.25	11.83	14.92	16.28	18.81
Healthcare practitioner and technical occupations	22.79	26.30	35.00	48.95	54.00
Registered nurses	25.50	32.07	43.99	53.10	60.18
Therapists	26.28	33.54	34.78	36.00	41.50
Clinical laboratory technologists and technicians	20.27	22.80	29.21	36.51	38.84
Medical and clinical laboratory technologists	22.80	29.21	31.98	37.92	39.80
Healthcare support occupations	10.40	11.77	13.96	17.77	21.18
Nursing, psychiatric, and home health aides	9.75	11.29	12.30	13.92	15.83
Home health aides	8.25	9.75	10.30	12.07	14.79
Nursing aides, orderlies, and attendants	10.81	11.85	12.50	13.87	14.84
Miscellaneous healthcare support occupations	10.50	14.49	17.77	18.50	22.00
Protective service occupations	10.00	11.68	11.68	11.99	26.06
Food preparation and serving related occupations	2.65	7.25	8.00	10.00	11.50
Cooks	8.00	8.00	10.00	11.50	14.26
Cooks, restaurant	8.00	10.00	11.00	12.00	14.00
Food service, tipped	2.63	2.64	3.50	8.00	8.60
Bartenders	2.63	4.00	5.00	8.00	8.00
Waiters and waitresses	2.63	2.63	2.65	3.27	3.50
Dining room and cafeteria attendants and bartender helpers	7.50	8.00	8.30	9.50	10.50
Fast food and counter workers	8.00	8.00	8.75	10.00	10.25
Combined food preparation and serving workers, including fast food	8.00	8.47	9.00	10.25	13.15
Counter attendants, cafeteria, food concession, and coffee shop	7.88	8.00	8.70	10.00	10.00
Building and grounds cleaning and maintenance occupations	10.89	11.29	12.50	14.45	14.73
Building cleaning workers	11.06	11.29	12.50	14.45	14.73
Janitors and cleaners, except maids and housekeeping cleaners	11.06	11.29	12.53	14.45	14.73
Personal care and service occupations	8.00	9.00	10.68	14.00	16.00
Child care workers	8.00	9.00	11.00	15.50	16.00
Recreation and fitness workers	8.25	10.00	11.04	14.10	24.00
Fitness trainers and aerobics instructors	8.25	9.27	10.22	13.39	26.00
Recreation workers	8.50	11.50	13.50	17.90	17.90
Sales and related occupations	8.00	8.31	9.05	11.00	12.50
Retail sales workers	8.00	8.30	9.00	10.99	12.08
Cashiers, all workers	8.00	8.49	9.00	10.99	11.59
Cashiers	8.00	8.45	9.00	10.99	11.55
Counter and rental clerks and parts salespersons	7.25	8.00	8.25	8.75	10.00
Retail salespersons	8.00	8.95	10.00	12.00	13.01
Office and administrative support occupations	8.93	10.25	13.71	17.50	23.45
Financial clerks	12.00	12.11	14.10	16.40	22.00
Customer service representatives	9.69	9.95	12.00	16.79	24.00
Receptionists and information clerks	10.00	11.15	13.10	14.95	22.00
Stock clerks and order fillers	8.00	8.25	8.75	10.00	13.80
Secretaries and administrative assistants	13.00	14.00	15.00	19.07	25.00
Medical secretaries	14.00	15.00	15.05	25.00	25.29
Secretaries, except legal, medical, and executive	13.00	13.00	14.00	17.00	25.00
Office clerks, general	13.32	16.00	17.71	26.85	26.85

See footnotes at end of table.

Table 10. **Part-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2010** — Continued

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
Production occupations	\$9.00	\$9.88	\$11.50	\$14.00	\$15.00
Transportation and material moving occupations	8.00	8.55	9.45	10.75	13.30
Driver/sales workers and truck drivers	8.00	9.13	16.86	18.00	25.00
Laborers and freight, stock, and material movers, hand	8.30	9.45	10.70	12.83	13.46

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

² Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$28.72	\$23.22	\$1,125	\$910	39.2	\$57,271	\$46,842	1,994
Management occupations	49.65	45.00	1,951	1,755	39.3	101,188	91,283	2,038
General and operations managers	62.23	51.63	2,476	2,065	39.8	128,750	107,380	2,069
Marketing and sales managers	54.40	49.13	2,120	1,965	39.0	110,245	102,197	2,027
Marketing managers	56.67	49.13	2,218	1,965	39.1	115,315	102,197	2,035
Sales managers	50.39	51.45	1,950	2,058	38.7	101,425	107,020	2,013
Computer and information systems managers	55.12	53.41	2,172	2,122	39.4	112,928	110,340	2,049
Financial managers	58.64	62.50	2,330	2,404	39.7	121,180	125,000	2,066
Human resources managers	42.51	41.88	1,705	1,656	40.1	88,642	86,116	2,085
Purchasing managers	42.67	44.10	1,626	1,549	38.1	84,574	80,542	1,982
Education administrators	50.65	52.67	1,859	1,949	36.7	94,113	99,268	1,858
Education administrators, elementary and secondary school	56.82	57.69	2,239	2,288	39.4	105,143	101,333	1,851
Education administrators, postsecondary	48.37	41.71	1,731	1,800	35.8	90,007	93,601	1,861
Engineering managers	55.21	52.40	2,195	2,096	39.8	114,159	109,000	2,068
Medical and health services managers	36.56	36.96	1,427	1,404	39.0	74,192	73,000	2,029
Social and community service managers	31.71	32.50	1,238	1,230	39.0	64,362	63,944	2,029
Business and financial operations occupations	33.11	29.23	1,323	1,143	40.0	68,760	59,432	2,077
Buyers and purchasing agents	28.70	27.25	1,167	1,102	40.7	60,671	57,316	2,114
Wholesale and retail buyers, except farm products	23.26	20.05	945	900	40.6	49,160	46,800	2,114
Purchasing agents, except wholesale, retail, and farm products	32.96	29.71	1,340	1,226	40.7	69,699	63,772	2,114
Claims adjusters, appraisers, examiners, and investigators	28.65	27.69	1,105	1,038	38.6	57,453	53,996	2,005
Claims adjusters, examiners, and investigators	28.29	26.15	1,095	981	38.7	56,960	50,993	2,014
Compliance officers, except agriculture, construction, health and safety, and transportation	26.70	22.30	1,062	892	39.8	55,232	46,388	2,068
Human resources, training, and labor relations specialists	31.28	26.85	1,192	1,030	38.1	61,333	53,575	1,961
Training and development specialists	35.80	37.15	1,424	1,486	39.8	74,024	77,270	2,068
Management analysts	45.96	50.73	1,940	1,353	42.2	100,890	70,337	2,195
Accountants and auditors	28.37	27.20	1,089	1,077	38.4	56,617	55,994	1,996
Financial analysts and advisors	44.78	37.95	1,890	1,538	42.2	98,287	80,001	2,195
Financial analysts	47.71	38.62	2,042	1,546	42.8	106,177	80,409	2,226
Computer and mathematical science occupations	42.04	42.28	1,668	1,648	39.7	86,475	85,001	2,057
Computer programmers	34.85	34.82	1,351	1,306	38.8	70,257	67,901	2,016
Computer software engineers	50.24	47.36	2,011	1,865	40.0	104,588	97,001	2,082
Computer software engineers, applications	52.33	46.64	2,126	1,865	40.6	110,548	97,001	2,112
Computer software engineers, systems software	48.86	47.91	1,938	1,880	39.7	100,750	97,773	2,062
Computer support specialists	35.24	33.28	1,393	1,269	39.5	72,456	66,000	2,056
Computer systems analysts	42.41	41.79	1,693	1,626	39.9	88,028	84,577	2,076
Network and computer systems administrators	36.27	36.50	1,441	1,460	39.7	74,923	75,920	2,066
Network systems and data communications analysts	33.56	34.87	1,337	1,371	39.8	69,500	71,292	2,071
Architecture and engineering occupations	39.87	38.46	1,617	1,538	40.6	84,069	80,001	2,109
Engineers	46.74	43.27	1,893	1,827	40.5	98,430	95,000	2,106

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Architecture and engineering occupations –Continued								
Electrical and electronics engineers	\$43.67	\$46.14	\$1,747	\$1,845	40.0	\$90,835	\$95,963	2,080
Electrical engineers	45.76	47.71	1,830	1,908	40.0	95,182	99,228	2,080
Electronics engineers, except computer	42.60	45.87	1,704	1,835	40.0	88,617	95,399	2,080
Mechanical engineers	42.91	41.11	1,800	1,850	41.9	93,593	96,197	2,181
Engineering technicians, except drafters	29.37	27.56	1,174	1,106	40.0	61,038	57,500	2,078
Electrical and electronic engineering technicians	31.54	38.02	1,266	1,521	40.2	65,848	79,082	2,088
Life, physical, and social science occupations								
Life scientists	36.80	33.65	1,450	1,308	39.4	74,365	65,000	2,021
Biological scientists	39.23	38.27	1,528	1,441	38.9	79,448	74,907	2,025
Medical scientists	45.49	44.81	1,795	1,775	39.5	93,319	92,300	2,052
Physical scientists	36.26	35.01	1,451	1,400	40.0	75,430	72,819	2,080
Chemists and materials scientists	36.05	30.78	1,461	1,231	40.5	75,966	64,018	2,107
	49.78	46.21	2,064	2,080	41.5	107,321	108,136	2,156
Community and social services occupations								
Counselors	21.89	19.38	847	732	38.7	42,451	39,663	1,940
Educational, vocational, and school counselors	23.57	19.23	915	732	38.8	44,547	40,000	1,890
Social workers	34.31	38.46	1,278	1,538	37.2	56,552	63,996	1,648
Child, family, and school social workers	25.40	24.48	978	979	38.5	49,074	50,918	1,932
Miscellaneous community and social service specialists	25.79	24.04	962	902	37.3	46,574	46,878	1,806
Social and human service assistants	13.95	12.16	539	486	38.6	28,028	25,293	2,009
	13.11	12.16	505	484	38.5	26,257	25,168	2,003
Legal occupations								
Lawyers	53.79	37.02	2,106	1,452	39.1	109,495	75,504	2,036
	73.42	73.36	2,916	2,934	39.7	151,611	152,587	2,065
Education, training, and library occupations								
Postsecondary teachers	37.02	38.29	1,325	1,354	35.8	54,222	53,619	1,465
Life sciences teachers, postsecondary	53.22	49.04	2,001	1,890	37.6	81,959	74,557	1,540
Biological science teachers, postsecondary	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277
Physical sciences teachers, postsecondary	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277
Arts, communications, and humanities teachers, postsecondary	65.13	58.06	2,565	2,322	39.4	116,661	119,340	1,791
Miscellaneous postsecondary teachers	46.07	37.89	1,672	1,516	36.3	61,853	50,371	1,343
Primary, secondary, and special education school teachers	45.17	41.09	1,707	1,581	37.8	68,038	59,400	1,506
Preschool and kindergarten teachers	37.74	41.31	1,340	1,471	35.5	53,386	56,047	1,414
Preschool teachers, except special education	17.42	14.54	640	510	36.8	31,671	27,352	1,818
Elementary and middle school teachers	16.31	13.65	601	480	36.8	30,118	24,960	1,847
Elementary school teachers, except special education	46.21	46.07	1,607	1,665	34.8	59,693	61,795	1,292
Middle school teachers, except special and vocational education	46.71	46.07	1,623	1,688	34.7	60,261	62,062	1,290
Secondary school teachers	44.70	45.93	1,561	1,594	34.9	57,994	60,475	1,297
	44.28	44.41	1,586	1,554	35.8	59,064	57,930	1,334

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Education, training, and library occupations –Continued								
Secondary school teachers, except special and vocational education	\$44.28	\$44.41	\$1,586	\$1,554	35.8	\$59,064	\$57,930	1,334
Special education teachers	47.00	47.94	1,608	1,558	34.2	59,106	57,029	1,258
Special education teachers, preschool, kindergarten, and elementary school	48.01	47.94	1,657	1,639	34.5	60,752	58,526	1,266
Other teachers and instructors	24.76	20.67	877	827	35.4	39,504	43,000	1,595
Teacher assistants	15.18	14.33	520	479	34.2	21,389	19,353	1,409
Arts, design, entertainment, sports, and media occupations								
Designers	27.99	26.44	1,106	1,058	39.5	57,372	54,999	2,050
Writers and editors	26.78	27.73	1,050	1,061	39.2	54,617	55,169	2,040
Editors	39.61	36.06	1,558	1,442	39.3	81,011	75,001	2,045
Editors	37.43	36.06	1,469	1,442	39.3	76,408	75,001	2,041
Healthcare practitioner and technical occupations								
Physicians and surgeons	36.90	29.24	1,413	1,144	38.3	72,767	59,072	1,972
Registered nurses	70.01	56.14	2,640	2,538	37.7	137,287	132,000	1,961
Therapists	40.50	34.65	1,513	1,376	37.4	77,129	68,660	1,905
Physical therapists	35.55	33.19	1,375	1,350	38.7	71,509	70,199	2,011
Clinical laboratory technologists and technicians	35.55	33.19	1,375	1,350	38.7	71,509	70,199	2,011
Health diagnosing and treating practitioner support technicians	24.93	23.18	975	904	39.1	50,681	46,987	2,033
Licensed practical and licensed vocational nurses	16.37	17.00	652	680	39.9	33,930	35,360	2,073
Medical records and health information technicians	25.19	25.19	991	998	39.4	51,553	51,895	2,047
Medical records and health information technicians	16.04	15.70	619	628	38.6	32,191	32,656	2,007
Healthcare support occupations								
Nursing, psychiatric, and home health aides	14.82	14.13	574	549	38.7	29,775	28,353	2,010
Home health aides	13.35	12.93	516	485	38.7	26,850	25,210	2,011
Nursing aides, orderlies, and attendants	10.93	10.43	427	412	39.0	22,192	21,424	2,030
Miscellaneous healthcare support occupations	14.79	14.13	567	543	38.4	29,502	28,226	1,994
Medical assistants	18.69	17.10	728	646	39.0	37,847	33,571	2,025
Medical assistants	18.12	16.45	720	658	39.8	37,461	34,216	2,067
Protective service occupations								
Fire fighters	23.01	23.80	925	956	40.2	47,961	49,714	2,084
Bailiffs, correctional officers, and jailers	25.85	24.74	1,142	1,098	44.2	59,375	57,103	2,297
Police officers	28.13	29.22	1,107	1,130	39.4	57,579	58,773	2,047
Police and sheriff's patrol officers	28.46	26.37	1,121	1,055	39.4	58,314	54,839	2,049
Police and sheriff's patrol officers	28.46	26.37	1,121	1,055	39.4	58,314	54,839	2,049
Food preparation and serving related occupations								
First-line supervisors/managers, food preparation and serving workers	12.23	10.83	470	400	38.4	24,111	20,800	1,971
First-line supervisors/managers of food preparation and serving workers	26.56	21.73	1,100	844	41.4	54,223	43,903	2,042
Cooks	23.36	21.11	974	832	41.7	47,511	43,264	2,034
Cooks, institution and cafeteria	12.03	13.00	458	497	38.0	23,700	25,829	1,970
Cooks, restaurant	13.85	14.62	509	557	36.8	25,787	27,061	1,862
Food service, tipped	12.53	13.75	465	497	37.1	24,178	25,829	1,929
Fast food and counter workers	7.16	5.15	253	175	35.3	12,834	9,105	1,793
Fast food and counter workers	10.19	10.00	396	360	38.9	20,274	18,720	1,990
Combined food preparation and serving workers, including fast food	10.69	10.00	423	400	39.6	21,709	20,800	2,031

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Food preparation and serving related occupations –Continued								
Counter attendants, cafeteria, food concession, and coffee shop	\$9.70	\$9.25	\$371	\$350	38.2	\$18,934	\$18,200	1,952
Building and grounds cleaning and maintenance occupations	14.86	13.75	590	536	39.7	30,083	27,714	2,024
First-line supervisors/managers, building and grounds cleaning and maintenance workers	21.45	20.64	858	826	40.0	44,609	42,931	2,080
Building cleaning workers	13.57	13.32	538	533	39.6	27,984	27,714	2,062
Janitors and cleaners, except maids and housekeeping cleaners	15.41	14.64	611	578	39.6	31,773	30,056	2,062
Maids and housekeeping cleaners	9.91	10.00	393	400	39.6	20,430	20,800	2,061
Grounds maintenance workers	18.35	14.06	729	562	39.7	33,705	27,616	1,837
Landscaping and groundskeeping workers	17.87	14.06	709	562	39.7	32,481	23,400	1,818
Personal care and service occupations	20.07	15.45	692	698	34.5	35,986	36,279	1,793
Sales and related occupations	23.54	19.16	937	766	39.8	48,647	39,837	2,066
First-line supervisors/managers, sales workers	18.73	17.01	765	725	40.9	39,794	37,700	2,124
First-line supervisors/managers of retail sales workers	18.78	17.50	770	725	41.0	40,045	37,700	2,133
Retail sales workers	15.44	14.00	615	560	39.8	31,855	28,829	2,064
Cashiers, all workers	11.31	11.19	460	448	40.6	23,485	23,275	2,076
Cashiers	11.31	11.19	460	448	40.6	23,485	23,275	2,076
Counter and rental clerks and parts salespersons	17.13	16.00	685	640	40.0	35,623	33,280	2,080
Parts salespersons	20.49	17.31	820	692	40.0	42,625	36,001	2,080
Retail salespersons	16.19	14.21	637	568	39.4	33,150	29,523	2,047
Securities, commodities, and financial services sales agents	91.32	82.05	3,478	3,370	38.1	180,835	175,250	1,980
Sales representatives, wholesale and manufacturing	31.24	27.50	1,244	1,100	39.8	64,677	57,200	2,071
Sales representatives, wholesale and manufacturing, technical and scientific products	32.45	27.50	1,298	1,100	40.0	67,489	57,200	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.47	28.80	1,210	1,152	39.7	62,905	59,904	2,065
Miscellaneous sales and related workers	26.12	17.95	1,045	731	40.0	54,331	37,999	2,080
Office and administrative support occupations	19.81	19.30	770	750	38.9	39,982	39,000	2,018
First-line supervisors/managers of office and administrative support workers	28.05	25.64	1,091	1,026	38.9	56,753	53,333	2,023
Financial clerks	19.26	17.91	754	716	39.1	39,198	37,251	2,035
Billing and posting clerks and machine operators	15.37	16.32	615	653	40.0	31,976	33,946	2,080
Bookkeeping, accounting, and auditing clerks	23.20	21.16	894	846	38.5	46,501	44,009	2,004
Tellers	14.90	15.17	594	607	39.9	30,876	31,554	2,073
Brokerage clerks	20.63	21.18	797	826	38.6	41,442	42,931	2,009
Customer service representatives	18.20	16.85	710	663	39.0	36,940	34,493	2,029
Receptionists and information clerks ..	15.77	15.00	627	595	39.7	32,590	30,936	2,066
Dispatchers	19.94	19.59	791	744	39.7	41,135	38,710	2,063
Shipping, receiving, and traffic clerks ..	18.17	16.02	722	641	39.8	37,563	33,322	2,067
Stock clerks and order fillers	16.42	14.00	639	560	38.9	33,253	29,120	2,025

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Office and administrative support occupations –Continued								
Secretaries and administrative assistants	\$22.50	\$21.72	\$865	\$842	38.4	\$44,823	\$43,803	1,992
Executive secretaries and administrative assistants	25.76	25.03	991	958	38.5	51,521	49,823	2,000
Medical secretaries	19.26	20.00	751	800	39.0	39,062	41,600	2,028
Secretaries, except legal, medical, and executive	18.73	19.61	702	711	37.5	35,897	35,199	1,916
Data entry and information processing workers	14.52	13.51	576	540	39.7	29,947	28,101	2,062
Insurance claims and policy processing clerks	18.67	17.08	726	675	38.9	37,771	35,081	2,024
Office clerks, general	20.14	20.69	778	772	38.6	40,434	40,136	2,008
Construction and extraction occupations								
Carpenters	28.69	28.60	1,145	1,144	39.9	59,152	59,280	2,062
Construction laborers	34.41	37.07	1,376	1,483	40.0	71,576	77,106	2,080
Electricians	26.39	28.60	1,056	1,144	40.0	53,651	59,488	2,033
Pipelayers, plumbers, pipefitters, and steamfitters	27.30	24.98	1,092	999	40.0	56,776	51,958	2,080
Plumbers, pipefitters, and steamfitters	28.40	26.22	1,125	922	39.6	58,514	47,965	2,060
Plumbers, pipefitters, and steamfitters	33.20	32.30	1,311	1,292	39.5	68,182	67,184	2,054
Installation, maintenance, and repair occupations								
First-line supervisors/managers of mechanics, installers, and repairers	25.99	23.61	1,049	944	40.4	54,549	49,100	2,099
Automotive technicians and repairers	38.32	38.95	1,724	1,558	45.0	89,659	81,012	2,340
Automotive service technicians and mechanics	27.58	25.16	1,114	1,006	40.4	57,917	52,331	2,100
Bus and truck mechanics and diesel engine specialists	27.20	25.00	1,093	1,006	40.2	56,860	52,331	2,090
Industrial machinery installation, repair, and maintenance workers	20.16	20.50	806	820	40.0	41,937	42,640	2,080
Maintenance and repair workers, general	22.44	21.93	887	877	39.5	46,144	45,606	2,056
Line installers and repairers	22.05	21.93	869	877	39.4	45,182	45,606	2,049
Telecommunications line installers and repairers	29.81	30.28	1,192	1,211	40.0	61,999	62,989	2,080
Telecommunications line installers and repairers	29.11	30.28	1,164	1,211	40.0	60,539	62,989	2,080
Production occupations								
First-line supervisors/managers of production and operating workers	17.52	15.69	697	628	39.8	36,222	32,639	2,068
Electrical, electronics, and electromechanical assemblers	27.90	28.08	1,090	1,123	39.1	56,704	58,398	2,033
Electrical and electronic equipment assemblers	14.59	13.54	584	542	40.0	30,357	28,163	2,080
Miscellaneous assemblers and fabricators	14.36	13.05	574	522	40.0	29,860	27,152	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	14.28	14.15	568	566	39.8	29,522	29,432	2,067
Printers	17.34	16.40	685	644	39.5	35,632	33,488	2,055
Prepress technicians and workers	19.71	18.00	783	720	39.7	40,733	37,440	2,066
Printing machine operators	18.71	17.10	742	684	39.7	38,609	35,568	2,063
Inspectors, testers, sorters, samplers, and weighers	19.98	18.00	794	720	39.8	41,306	37,440	2,067
Inspectors, testers, sorters, samplers, and weighers	17.87	18.02	726	721	40.6	37,763	37,482	2,113
Transportation and material moving occupations								
Driver/sales workers and truck drivers	18.40	17.77	727	711	39.5	36,914	36,114	2,006
Driver/sales workers and truck drivers	19.53	19.95	785	773	40.2	40,829	40,186	2,091

See footnotes at end of table.

Table 11. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Transportation and material moving occupations –Continued								
Truck drivers, heavy and tractor-trailer	\$20.96	\$20.00	\$848	\$800	40.4	\$44,085	\$41,600	2,103
Truck drivers, light or delivery services	16.53	16.50	661	660	40.0	34,389	34,320	2,080
Industrial truck and tractor operators ..	18.58	18.37	743	735	40.0	38,637	38,210	2,080
Laborers and material movers, hand ..	13.45	13.50	535	521	39.8	26,824	26,083	1,994
Laborers and freight, stock, and material movers, hand	13.85	13.53	554	541	40.0	27,126	27,040	1,959
Packers and packagers, hand	11.96	12.25	474	490	39.6	24,643	25,480	2,060

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$28.34	\$22.19	\$1,117	\$868	39.4	\$57,637	\$45,000	2,034
Management occupations	50.34	45.93	1,978	1,760	39.3	102,834	91,499	2,043
General and operations managers	66.70	55.34	2,616	2,214	39.2	136,052	115,107	2,040
Marketing and sales managers	54.40	49.13	2,120	1,965	39.0	110,245	102,197	2,027
Marketing managers	56.67	49.13	2,218	1,965	39.1	115,315	102,197	2,035
Sales managers	50.39	51.45	1,950	2,058	38.7	101,425	107,020	2,013
Computer and information systems managers	55.11	53.41	2,176	2,136	39.5	113,164	111,091	2,053
Financial managers	59.16	66.08	2,356	2,500	39.8	122,507	130,000	2,071
Human resources managers	42.51	41.88	1,705	1,656	40.1	88,642	86,116	2,085
Education administrators	49.49	49.31	1,767	1,885	35.7	91,862	98,000	1,856
Education administrators, postsecondary	49.49	49.31	1,767	1,885	35.7	91,862	98,000	1,856
Engineering managers	56.85	52.40	2,274	2,096	40.0	118,244	109,000	2,080
Medical and health services managers	37.27	36.96	1,455	1,449	39.0	75,685	75,348	2,030
Social and community service managers	29.38	32.50	1,144	1,230	38.9	59,499	63,944	2,025
Business and financial operations occupations	33.46	29.45	1,343	1,169	40.1	69,815	60,798	2,086
Buyers and purchasing agents	28.70	27.25	1,167	1,102	40.7	60,671	57,316	2,114
Wholesale and retail buyers, except farm products	23.26	20.05	945	900	40.6	49,160	46,800	2,114
Purchasing agents, except wholesale, retail, and farm products	32.96	29.71	1,340	1,226	40.7	69,699	63,772	2,114
Claims adjusters, appraisers, examiners, and investigators	28.65	27.69	1,105	1,038	38.6	57,453	53,996	2,005
Claims adjusters, examiners, and investigators	28.29	26.15	1,095	981	38.7	56,960	50,993	2,014
Compliance officers, except agriculture, construction, health and safety, and transportation	26.70	22.30	1,062	892	39.8	55,232	46,388	2,068
Human resources, training, and labor relations specialists	30.88	25.76	1,180	1,030	38.2	61,359	53,575	1,987
Training and development specialists	35.80	37.15	1,424	1,486	39.8	74,024	77,270	2,068
Management analysts	45.96	50.73	1,940	1,353	42.2	100,890	70,337	2,195
Accountants and auditors	29.00	27.20	1,116	1,077	38.5	58,026	55,994	2,001
Financial analysts and advisors	44.78	37.95	1,890	1,538	42.2	98,287	80,001	2,195
Financial analysts	47.71	38.62	2,042	1,546	42.8	106,177	80,409	2,226
Computer and mathematical science occupations	42.29	42.31	1,682	1,684	39.8	87,156	87,402	2,061
Computer software engineers	50.24	47.36	2,011	1,865	40.0	104,588	97,001	2,082
Computer software engineers, applications	52.33	46.64	2,126	1,865	40.6	110,548	97,001	2,112
Computer software engineers, systems software	48.86	47.91	1,938	1,880	39.7	100,750	97,773	2,062
Computer support specialists	35.19	33.28	1,399	1,269	39.8	72,749	66,000	2,068
Computer systems analysts	42.56	41.79	1,702	1,626	40.0	88,480	84,577	2,079
Network and computer systems administrators	36.52	36.50	1,458	1,460	39.9	75,821	75,920	2,076
Architecture and engineering occupations	39.99	38.46	1,624	1,570	40.6	84,448	81,619	2,112
Engineers	46.68	43.00	1,890	1,811	40.5	98,300	94,160	2,106
Electrical and electronics engineers	43.28	45.95	1,731	1,838	40.0	90,015	95,576	2,080
Electrical engineers	44.75	47.71	1,790	1,908	40.0	93,080	99,228	2,080
Electronics engineers, except computer	42.60	45.87	1,704	1,835	40.0	88,617	95,399	2,080
Mechanical engineers	42.91	41.11	1,800	1,850	41.9	93,593	96,197	2,181
Engineering technicians, except drafters	29.67	27.64	1,196	1,171	40.3	62,181	60,905	2,096

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Architecture and engineering occupations –Continued								
Electrical and electronic engineering technicians	\$31.54	\$38.02	\$1,266	\$1,521	40.2	\$65,848	\$79,082	2,088
Life, physical, and social science occupations	37.36	35.01	1,488	1,375	39.8	77,074	70,000	2,063
Life scientists	40.63	38.37	1,603	1,458	39.5	83,372	75,799	2,052
Biological scientists	45.49	44.81	1,795	1,775	39.5	93,319	92,300	2,052
Medical scientists	36.26	35.01	1,451	1,400	40.0	75,430	72,819	2,080
Physical scientists	36.65	32.69	1,486	1,231	40.5	77,287	64,018	2,109
Chemists and materials scientists ..	49.78	46.21	2,064	2,080	41.5	107,321	108,136	2,156
Community and social services occupations	17.20	15.44	672	602	39.1	34,701	30,170	2,018
Counselors	16.70	12.40	661	496	39.6	34,369	25,782	2,058
Educational, vocational, and school counselors	23.41	21.93	916	776	39.1	47,623	40,348	2,035
Social workers	20.86	19.45	816	775	39.1	41,396	40,310	1,984
Miscellaneous community and social service specialists	13.62	12.16	525	484	38.5	27,284	25,168	2,004
Social and human service assistants	12.67	12.10	486	478	38.4	25,278	24,856	1,996
Legal occupations	60.77	41.76	2,404	1,670	39.6	125,002	86,861	2,057
Lawyers	78.36	84.62	3,134	3,385	40.0	162,992	175,999	2,080
Education, training, and library occupations	31.67	21.58	1,190	827	37.6	54,253	43,000	1,713
Postsecondary teachers	53.00	49.04	1,990	1,890	37.5	82,384	75,001	1,554
Life sciences teachers, postsecondary	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277
Biological science teachers, postsecondary	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277
Arts, communications, and humanities teachers, postsecondary	45.13	32.05	1,634	1,122	36.2	59,989	39,255	1,329
Miscellaneous postsecondary teachers	45.17	41.09	1,707	1,581	37.8	68,038	59,400	1,506
Primary, secondary, and special education school teachers	20.00	15.96	750	559	37.5	35,858	31,849	1,793
Preschool and kindergarten teachers	14.97	13.11	554	459	37.0	28,156	23,860	1,881
Preschool teachers, except special education	14.97	13.11	554	459	37.0	28,156	23,860	1,881
Arts, design, entertainment, sports, and media occupations	28.16	26.44	1,112	1,058	39.5	57,701	54,999	2,049
Designers	26.78	27.73	1,061	1,061	39.2	54,617	55,169	2,040
Writers and editors	39.61	36.06	1,558	1,442	39.3	81,011	75,001	2,045
Editors	37.43	36.06	1,469	1,442	39.3	76,408	75,001	2,041
Healthcare practitioner and technical occupations	37.00	29.08	1,420	1,136	38.4	73,649	59,072	1,990
Physicians and surgeons	70.01	56.14	2,640	2,538	37.7	137,287	132,000	1,961
Registered nurses	40.67	34.46	1,521	1,314	37.4	79,033	68,307	1,943
Therapists	35.55	33.19	1,375	1,350	38.7	71,509	70,199	2,011
Physical therapists	35.55	33.19	1,375	1,350	38.7	71,509	70,199	2,011
Clinical laboratory technologists and technicians	24.93	23.18	975	904	39.1	50,681	46,987	2,033
Health diagnosing and treating practitioner support technicians	16.37	17.00	652	680	39.9	33,930	35,360	2,073
Licensed practical and licensed vocational nurses	25.19	25.19	991	998	39.4	51,553	51,895	2,047

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Healthcare practitioner and technical occupations –Continued								
Medical records and health information technicians	\$16.04	\$15.70	\$619	\$628	38.6	\$32,191	\$32,656	2,007
Healthcare support occupations	14.70	14.00	569	543	38.7	29,584	28,226	2,013
Nursing, psychiatric, and home health aides	13.28	12.62	513	485	38.6	26,663	25,195	2,008
Home health aides	10.93	10.43	427	412	39.0	22,192	21,424	2,030
Nursing aides, orderlies, and attendants	14.76	14.10	565	543	38.3	29,394	28,226	1,992
Miscellaneous healthcare support occupations	18.46	16.91	718	646	38.9	37,356	33,571	2,023
Medical assistants	18.12	16.45	720	658	39.8	37,461	34,216	2,067
Protective service occupations	15.59	14.77	623	591	39.9	32,185	30,711	2,064
Food preparation and serving related occupations	12.18	10.71	469	400	38.5	24,178	20,800	1,985
First-line supervisors/managers, food preparation and serving workers ..	26.82	21.82	–	–	–	–	–	–
First-line supervisors/managers of food preparation and serving workers	23.54	21.11	1,000	844	42.5	49,852	43,264	2,118
Cooks	12.00	13.00	457	497	38.1	23,742	25,829	1,979
Cooks, institution and cafeteria	13.70	14.35	505	556	36.9	26,280	28,912	1,919
Cooks, restaurant	12.53	13.75	465	497	37.1	24,178	25,829	1,929
Food service, tipped	7.16	5.15	253	175	35.3	12,834	9,105	1,793
Fast food and counter workers	10.05	10.00	392	360	39.0	20,163	18,720	2,006
Combined food preparation and serving workers, including fast food	10.57	10.00	421	400	39.8	21,907	20,800	2,072
Counter attendants, cafeteria, food concession, and coffee shop	9.52	9.00	363	350	38.1	18,510	18,200	1,943
Building and grounds cleaning and maintenance occupations	13.80	13.28	547	525	39.6	27,733	25,834	2,010
Building cleaning workers	12.16	11.55	481	460	39.6	25,007	23,920	2,057
Janitors and cleaners, except maids and housekeeping cleaners	14.01	13.52	553	533	39.5	28,782	27,714	2,054
Maids and housekeeping cleaners	9.91	10.00	393	400	39.6	20,430	20,800	2,061
Grounds maintenance workers	17.87	14.06	709	562	39.7	32,481	23,400	1,818
Landscaping and groundskeeping workers	17.87	14.06	709	562	39.7	32,481	23,400	1,818
Personal care and service occupations	20.07	15.45	692	698	34.5	35,986	36,279	1,793
Sales and related occupations	23.56	19.08	938	763	39.8	48,689	39,686	2,066
First-line supervisors/managers, sales workers	18.70	16.88	765	725	40.9	39,789	37,700	2,128
First-line supervisors/managers of retail sales workers	18.74	16.85	770	725	41.1	40,062	37,700	2,137
Retail sales workers	15.34	14.00	611	556	39.8	31,650	28,698	2,064
Cashiers, all workers	10.69	11.19	435	448	40.7	22,189	23,275	2,076
Cashiers	10.69	11.19	435	448	40.7	22,189	23,275	2,076
Counter and rental clerks and parts salespersons	17.13	16.00	685	640	40.0	35,623	33,280	2,080
Parts salespersons	20.49	17.31	820	692	40.0	42,625	36,001	2,080
Retail salespersons	16.19	14.21	637	568	39.4	33,150	29,523	2,047
Securities, commodities, and financial services sales agents	91.32	82.05	3,478	3,370	38.1	180,835	175,250	1,980
Sales representatives, wholesale and manufacturing	31.24	27.50	1,244	1,100	39.8	64,677	57,200	2,071

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Sales and related occupations								
–Continued								
Sales representatives, wholesale and manufacturing, technical and scientific products	\$32.45	\$27.50	\$1,298	\$1,100	40.0	\$67,489	\$57,200	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	30.47	28.80	1,210	1,152	39.7	62,905	59,904	2,065
Miscellaneous sales and related workers	26.12	17.95	1,045	731	40.0	54,331	37,999	2,080
Office and administrative support occupations	19.47	18.75	761	734	39.1	39,567	38,168	2,032
First-line supervisors/managers of office and administrative support workers	28.14	25.64	1,110	1,026	39.4	57,717	53,333	2,051
Financial clerks	19.08	17.91	748	716	39.2	38,895	37,251	2,039
Billing and posting clerks and machine operators	15.37	16.32	615	653	40.0	31,976	33,946	2,080
Bookkeeping, accounting, and auditing clerks	22.99	21.16	889	846	38.7	46,249	44,009	2,012
Tellers	14.90	15.17	594	607	39.9	30,876	31,554	2,073
Brokerage clerks	20.63	21.18	797	826	38.6	41,442	42,931	2,009
Customer service representatives	17.82	16.58	695	663	39.0	36,118	34,493	2,027
Receptionists and information clerks ..	15.76	15.00	628	595	39.8	32,642	30,936	2,071
Shipping, receiving, and traffic clerks	18.17	16.02	722	641	39.8	37,563	33,322	2,067
Stock clerks and order fillers	16.23	14.00	641	560	39.5	33,340	29,120	2,054
Secretaries and administrative assistants	22.32	21.21	864	841	38.7	44,951	43,711	2,014
Executive secretaries and administrative assistants	26.16	25.03	1,017	978	38.9	52,871	50,835	2,021
Medical secretaries	19.20	20.00	748	800	39.0	38,914	41,600	2,027
Secretaries, except legal, medical, and executive	17.62	18.05	664	677	37.7	34,538	35,199	1,960
Insurance claims and policy processing clerks	18.67	17.08	726	675	38.9	37,771	35,081	2,024
Office clerks, general	19.96	20.37	778	772	39.0	40,447	40,136	2,026
Construction and extraction occupations	28.82	29.00	1,151	1,154	40.0	59,446	60,000	2,063
Carpenters	34.85	37.07	1,394	1,483	40.0	72,483	77,106	2,080
Construction laborers	26.39	28.60	1,056	1,144	40.0	53,651	59,488	2,033
Electricians	27.01	24.00	1,081	960	40.0	56,190	49,920	2,080
Pipelayers, plumbers, pipefitters, and steamfitters	29.00	30.45	1,158	1,218	39.9	60,220	63,336	2,076
Plumbers, pipefitters, and steamfitters	35.04	33.05	1,398	1,322	39.9	72,703	68,744	2,075
Installation, maintenance, and repair occupations	26.30	24.23	1,065	969	40.5	55,357	50,400	2,105
First-line supervisors/managers of mechanics, installers, and repairers	38.32	38.95	1,724	1,558	45.0	89,659	81,012	2,340
Automotive technicians and repairers	27.58	25.16	1,114	1,006	40.4	57,917	52,331	2,100
Automotive service technicians and mechanics	27.20	25.00	1,093	1,006	40.2	56,860	52,331	2,090
Industrial machinery installation, repair, and maintenance workers	22.75	22.50	903	877	39.7	46,939	45,606	2,063
Maintenance and repair workers, general	22.23	22.50	878	877	39.5	45,670	45,606	2,054
Line installers and repairers	29.81	30.28	1,192	1,211	40.0	61,999	62,989	2,080
Telecommunications line installers and repairers	29.11	30.28	1,164	1,211	40.0	60,539	62,989	2,080
Production occupations	17.46	15.69	694	628	39.8	36,104	32,639	2,068

See footnotes at end of table.

Table 12. Full-time¹ private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Production occupations –Continued								
First-line supervisors/managers of production and operating workers	\$27.90	\$28.08	\$1,090	\$1,123	39.1	\$56,704	\$58,398	2,033
Electrical, electronics, and electromechanical assemblers	14.59	13.54	584	542	40.0	30,357	28,163	2,080
Electrical and electronic equipment assemblers	14.36	13.05	574	522	40.0	29,860	27,152	2,080
Miscellaneous assemblers and fabricators	14.28	14.15	568	566	39.8	29,522	29,432	2,067
Machine tool cutting setters, operators, and tenders, metal and plastic	17.34	16.40	685	644	39.5	35,632	33,488	2,055
Printers	19.71	18.00	783	720	39.7	40,733	37,440	2,066
Prepress technicians and workers ..	18.71	17.10	742	684	39.7	38,609	35,568	2,063
Printing machine operators	19.98	18.00	794	720	39.8	41,306	37,440	2,067
Inspectors, testers, sorters, samplers, and weighers	17.87	18.02	726	721	40.6	37,763	37,482	2,113
Transportation and material moving occupations								
Driver/sales workers and truck drivers	18.06	17.46	717	698	39.7	36,647	35,797	2,029
Truck drivers, heavy and tractor-trailer	19.53	19.95	785	773	40.2	40,829	40,186	2,091
Truck drivers, light or delivery services	20.96	20.00	848	800	40.4	44,085	41,600	2,103
Industrial truck and tractor operators ..	16.53	16.50	661	660	40.0	34,389	34,320	2,080
Laborers and material movers, hand ..	18.58	18.37	743	735	40.0	38,637	38,210	2,080
Laborers and freight, stock, and material movers, hand	12.99	12.54	517	502	39.8	25,857	25,480	1,990
Packers and packagers, hand	13.10	12.71	524	508	40.0	25,554	25,203	1,951
	11.96	12.25	474	490	39.6	24,643	25,480	2,060

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 13. Full-time¹ State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$31.66	\$28.40	\$1,187	\$1,108	37.5	\$54,907	\$54,175	1,734
Management occupations	43.25	39.56	1,705	1,582	39.4	86,326	82,285	1,996
Education administrators	53.25	57.21	2,085	2,237	39.2	99,175	100,230	1,862
Education administrators, elementary and secondary school	56.82	57.69	2,239	2,288	39.4	105,143	101,333	1,851
Business and financial operations occupations	27.28	27.64	1,028	1,064	37.7	52,727	55,319	1,933
Computer and mathematical science occupations	36.59	36.63	1,391	1,336	38.0	72,327	69,462	1,977
Life, physical, and social science occupations	30.79	25.13	1,087	890	35.3	50,883	46,270	1,653
Community and social services occupations	33.11	29.90	1,251	1,144	37.8	58,749	58,184	1,774
Counselors	37.92	27.97	1,417	1,119	37.4	61,234	58,184	1,615
Educational, vocational, and school counselors	49.94	50.88	1,740	1,749	34.8	64,705	64,614	1,296
Social workers	32.11	30.50	1,209	1,144	37.6	59,695	59,475	1,859
Education, training, and library occupations	41.58	43.05	1,431	1,517	34.4	54,202	57,029	1,303
Primary, secondary, and special education school teachers	46.63	46.68	1,612	1,634	34.6	59,644	60,546	1,279
Elementary and middle school teachers	46.78	46.67	1,620	1,683	34.6	59,951	61,795	1,282
Elementary school teachers, except special education	47.36	47.03	1,641	1,692	34.7	60,665	62,062	1,281
Middle school teachers, except special and vocational education	44.98	46.54	1,556	1,588	34.6	57,735	60,273	1,283
Secondary school teachers	45.57	46.01	1,577	1,552	34.6	58,489	57,716	1,284
Secondary school teachers, except special and vocational education	45.57	46.01	1,577	1,552	34.6	58,489	57,716	1,284
Special education teachers	47.00	47.94	1,608	1,558	34.2	59,106	57,029	1,258
Special education teachers, preschool, kindergarten, and elementary school	48.01	47.94	1,657	1,639	34.5	60,752	58,526	1,266
Other teachers and instructors	33.77	33.02	-	-	-	-	-	-
Teacher assistants	17.66	15.87	553	478	31.3	20,591	17,422	1,166
Healthcare practitioner and technical occupations	35.77	34.65	1,345	1,386	37.6	63,852	61,503	1,785
Registered nurses	39.56	39.38	1,472	1,559	37.2	68,098	72,072	1,722
Protective service occupations	28.01	27.72	1,130	1,130	40.4	58,770	58,773	2,098
Fire fighters	25.85	24.74	1,142	1,098	44.2	59,375	57,103	2,297
Police officers	28.58	26.37	1,125	1,055	39.4	58,523	54,839	2,048
Police and sheriff's patrol officers	28.58	26.37	1,125	1,055	39.4	58,523	54,839	2,048
Building and grounds cleaning and maintenance occupations	18.55	18.67	740	745	39.9	38,479	38,750	2,075
Building cleaning workers	17.56	18.14	700	726	39.9	36,413	37,731	2,074
Janitors and cleaners, except maids and housekeeping cleaners	17.56	18.14	700	726	39.9	36,413	37,731	2,074
Office and administrative support occupations	23.20	21.72	855	828	36.8	43,806	42,354	1,889
Secretaries and administrative assistants	23.51	22.09	869	848	37.0	44,162	44,079	1,878

See footnotes at end of table.

Table 13. Full-time¹ State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Boston-Worcester-Manchester, MA-NH CSA, October 2010 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Office and administrative support occupations –Continued								
Executive secretaries and administrative assistants	\$24.18	\$24.36	\$893	\$895	36.9	\$46,435	\$46,556	1,920
Secretaries, except legal, medical, and executive	21.66	22.09	799	821	36.9	39,204	39,265	1,810
Construction and extraction occupations	27.54	25.73	1,087	935	39.5	56,531	48,614	2,053
Installation, maintenance, and repair occupations	23.11	21.24	909	850	39.4	47,288	44,179	2,047
Industrial machinery installation, repair, and maintenance workers	21.82	19.20	857	733	39.3	44,547	38,106	2,041
Maintenance and repair workers, general	21.82	19.20	857	733	39.3	44,547	38,106	2,041
Transportation and material moving occupations	22.33	18.73	836	749	37.4	39,615	37,436	1,774

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 14. **Size of establishment: Mean hourly earnings¹ of private industry establishments for major occupational groups, Boston-Worcester-Manchester, MA-NH CSA, October 2010**

Occupational group ²	Total	1-99 workers	100-499 workers	500 workers or more
All workers	\$26.27	\$22.01	\$25.66	\$36.24
Management, professional, and related	39.73	34.47	39.35	45.30
Management, business, and financial	43.84	38.16	41.73	50.77
Professional and related	37.37	32.61	37.67	42.18
Service	12.76	11.24	14.02	16.59
Sales and office	19.36	18.25	20.21	21.44
Sales and related	20.15	18.95	22.13	25.14
Office and administrative support	18.79	17.50	18.66	21.07
Natural resources, construction, and maintenance	27.23	25.56	30.07	33.11
Construction and extraction	28.13	27.43	—	—
Installation, maintenance, and repair	26.19	23.18	31.25	34.00
Production, transportation, and material moving	16.76	16.14	15.62	24.24
Production	17.21	15.60	18.61	20.89
Transportation and material moving	16.34	16.70	13.52	—
	Relative error ³ (percent)			
All workers	2.3	4.2	4.5	4.6
Management, professional, and related	2.9	6.7	2.4	4.2
Management, business, and financial	4.2	10.2	3.7	6.8
Professional and related	2.2	4.6	2.7	2.5
Service	1.7	4.5	4.0	3.8
Sales and office	1.9	2.9	4.5	1.9
Sales and related	3.9	5.0	6.6	21.9
Office and administrative support	1.6	3.4	3.3	1.8
Natural resources, construction, and maintenance	5.5	5.0	9.5	4.3
Construction and extraction	6.9	6.0	—	—
Installation, maintenance, and repair	9.6	11.7	15.9	6.0
Production, transportation, and material moving	5.4	4.1	7.8	18.5
Production	4.8	4.9	6.3	11.3
Transportation and material moving	8.3	6.1	10.3	—

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$23.97	\$19.38	\$950	\$766	39.6	\$49,035	\$39,763	2,045
Management occupations	42.80	37.02	1,706	1,494	39.9	88,695	77,713	2,072
General and operations managers	64.16	45.00	2,539	1,800	39.6	132,021	93,600	2,058
Marketing and sales managers	46.83	48.90	1,845	1,956	39.4	95,933	101,718	2,049
Marketing managers	39.38	39.89	1,552	1,503	39.4	80,721	78,146	2,050
Sales managers	52.87	56.38	2,082	2,144	39.4	108,264	111,499	2,048
Financial managers	43.80	32.69	1,744	1,308	39.8	90,707	67,999	2,071
Business and financial operations occupations	29.80	25.00	1,212	1,000	40.7	63,021	52,000	2,115
Buyers and purchasing agents	26.04	25.00	1,076	1,000	41.3	55,974	52,000	2,149
Computer and mathematical science occupations	42.07	44.71	1,705	1,788	40.5	88,647	93,001	2,107
Computer software engineers	57.91	47.36	2,401	1,894	41.5	124,830	98,500	2,156
Computer support specialists	39.23	42.31	1,569	1,692	40.0	81,597	88,001	2,080
Computer systems analysts	43.46	49.60	1,789	1,984	41.2	93,035	103,168	2,141
Architecture and engineering occupations	31.78	29.73	1,275	1,186	40.1	66,319	61,666	2,087
Engineers	38.23	38.46	1,561	1,538	40.8	81,192	80,001	2,124
Electrical and electronics engineers	35.47	32.77	1,419	1,311	40.0	73,769	68,162	2,080
Life, physical, and social science occupations	31.08	24.99	1,243	1,000	40.0	64,652	51,977	2,080
Community and social services occupations	15.74	14.84	609	571	38.7	31,253	29,000	1,986
Legal occupations	56.24	31.25	2,212	1,154	39.3	115,022	60,000	2,045
Education, training, and library occupations	17.47	15.96	648	579	37.1	31,699	29,700	1,814
Primary, secondary, and special education school teachers	15.42	13.65	570	480	37.0	28,845	24,960	1,871
Preschool and kindergarten teachers	14.97	13.11	554	459	37.0	28,156	23,860	1,881
Preschool teachers, except special education	14.97	13.11	554	459	37.0	28,156	23,860	1,881
Arts, design, entertainment, sports, and media occupations	23.63	17.83	945	713	40.0	49,147	37,084	2,080
Healthcare practitioner and technical occupations	38.17	28.00	1,460	1,120	38.3	75,931	58,240	1,989
Healthcare support occupations	13.06	11.00	509	455	39.0	26,479	23,634	2,028
Nursing, psychiatric, and home health aides	11.62	10.75	454	430	39.1	23,606	22,360	2,032
Food preparation and serving related occupations	11.67	10.00	448	375	38.4	23,311	19,499	1,998
Cooks	11.57	12.00	441	468	38.1	22,933	24,336	1,982
Cooks, restaurant	12.54	14.00	461	497	36.8	23,971	25,829	1,912
Food service, tipped	6.43	5.15	219	175	34.0	11,378	9,105	1,770
Fast food and counter workers	9.18	9.01	360	360	39.2	18,718	18,720	2,040
Counter attendants, cafeteria, food concession, and coffee shop	8.86	9.00	341	350	38.5	17,747	18,200	2,002
Building and grounds cleaning and maintenance occupations	12.89	10.13	516	405	40.0	24,965	19,600	1,937
Building cleaning workers	9.97	9.74	399	390	40.0	20,729	20,259	2,080
Sales and related occupations	21.45	19.50	858	771	40.0	44,592	40,092	2,079
First-line supervisors/managers, sales workers	18.01	17.01	744	725	41.3	38,705	37,700	2,149
First-line supervisors/managers of retail sales workers	17.86	17.00	746	725	41.8	38,791	37,700	2,172
Retail sales workers	15.91	14.00	638	560	40.1	33,194	29,120	2,087
Counter and rental clerks and parts salespersons	17.13	16.00	685	640	40.0	35,623	33,280	2,080
Parts salespersons	20.49	17.31	820	692	40.0	42,625	36,001	2,080
Retail salespersons	17.70	14.21	698	568	39.5	36,319	29,548	2,052

See footnotes at end of table.

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Boston-Worcester-Manchester, MA-NH CSA, October 2010
— Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Sales and related occupations –Continued								
Sales representatives, wholesale and manufacturing	\$30.20	\$28.75	\$1,201	\$1,100	39.8	\$62,449	\$57,200	2,068
Sales representatives, wholesale and manufacturing, technical and scientific products	26.89	25.48	1,076	1,019	40.0	55,941	53,000	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	31.52	29.04	1,250	1,162	39.7	65,004	60,407	2,063
Office and administrative support occupations	18.16	17.52	713	683	39.3	37,064	35,516	2,041
Financial clerks	17.34	17.31	693	692	40.0	36,020	36,001	2,078
Bookkeeping, accounting, and auditing clerks ...	21.87	20.91	875	837	40.0	45,490	43,499	2,080
Tellers	14.84	15.17	591	607	39.9	30,745	31,554	2,072
Customer service representatives	16.70	14.75	657	590	39.3	34,168	30,680	2,046
Receptionists and information clerks	15.05	15.00	568	563	37.7	29,532	29,250	1,962
Secretaries and administrative assistants	21.87	20.00	849	800	38.8	44,168	41,600	2,019
Executive secretaries and administrative assistants	24.98	23.17	960	904	38.4	49,942	47,022	1,999
Office clerks, general	19.91	21.50	786	860	39.5	40,885	44,718	2,053
Construction and extraction occupations	27.58	27.00	1,102	1,042	40.0	56,722	54,080	2,057
Carpenters	35.05	37.59	1,402	1,504	40.0	72,897	78,191	2,080
Electricians	25.43	25.00	1,017	1,000	40.0	52,886	52,000	2,080
Installation, maintenance, and repair occupations	23.23	21.93	931	877	40.1	48,417	45,606	2,084
Automotive technicians and repairers	23.15	23.23	936	974	40.5	48,689	50,626	2,104
Automotive service technicians and mechanics	22.46	23.00	904	920	40.2	46,993	47,840	2,092
Production occupations	15.81	14.00	627	560	39.7	32,615	29,108	2,063
Electrical, electronics, and electromechanical assemblers	13.45	13.05	538	522	40.0	27,980	27,152	2,080
Printers	16.58	16.00	663	640	40.0	34,477	33,280	2,080
Printing machine operators	17.14	18.00	685	720	40.0	35,644	37,440	2,080
Transportation and material moving occupations	17.35	17.62	698	695	40.2	35,237	35,090	2,030
Driver/sales workers and truck drivers	19.01	19.00	768	760	40.4	39,940	39,520	2,101
Truck drivers, heavy and tractor-trailer	20.55	19.95	836	798	40.7	43,482	41,496	2,116
Laborers and material movers, hand	13.47	13.89	532	521	39.5	25,489	27,086	1,892
Laborers and freight, stock, and material movers, hand	14.41	15.00	576	600	40.0	26,349	30,160	1,829

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 16. **Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Boston-Worcester-Manchester, MA-NH CSA, October 2010**

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$32.35	\$26.44	\$1,269	\$1,030	39.2	\$65,464	\$53,144	2,023
Management occupations	54.58	49.75	2,127	1,965	39.0	110,604	102,197	2,026
General and operations managers	69.22	56.70	2,692	2,214	38.9	139,985	115,107	2,022
Marketing and sales managers	62.40	56.50	2,405	2,177	38.5	125,054	113,217	2,004
Marketing managers	66.45	67.23	2,589	2,689	39.0	134,651	139,838	2,026
Computer and information systems managers	61.43	54.74	2,412	2,190	39.3	125,434	113,861	2,042
Financial managers	66.79	69.23	2,660	2,625	39.8	138,301	136,500	2,071
Human resources managers	42.37	39.18	1,660	1,592	39.2	86,306	82,805	2,037
Education administrators	49.49	49.31	1,767	1,885	35.7	91,862	98,000	1,856
Education administrators, postsecondary	49.49	49.31	1,767	1,885	35.7	91,862	98,000	1,856
Engineering managers	57.90	57.21	2,316	2,288	40.0	120,429	119,001	2,080
Medical and health services managers	37.27	36.96	1,455	1,449	39.0	75,685	75,348	2,030
Business and financial operations occupations ...	35.22	29.89	1,404	1,196	39.9	73,011	62,173	2,073
Buyers and purchasing agents	33.53	29.85	1,324	1,194	39.5	68,835	62,078	2,053
Claims adjusters, appraisers, examiners, and								
investigators	26.95	25.40	1,034	981	38.4	53,756	50,993	1,994
Claims adjusters, examiners, and investigators	26.23	23.08	1,010	901	38.5	52,520	46,859	2,002
Compliance officers, except agriculture,								
construction, health and safety, and								
transportation	28.05	22.30	1,115	892	39.7	57,964	46,388	2,066
Human resources, training, and labor relations								
specialists	25.65	24.20	957	968	37.3	49,764	50,336	1,940
Training and development specialists	29.57	26.85	1,171	1,030	39.6	60,881	53,575	2,059
Management analysts	45.89	38.00	1,856	1,353	40.4	96,502	70,337	2,103
Accountants and auditors	27.73	26.92	1,068	1,077	38.5	55,546	55,994	2,003
Financial analysts and advisors	43.66	36.84	1,850	1,497	42.4	96,204	77,848	2,203
Financial analysts	46.62	38.66	2,007	1,546	43.0	104,360	80,409	2,238
Computer and mathematical science occupations	42.43	41.19	1,667	1,594	39.3	86,222	82,909	2,032
Computer software engineers	47.98	47.12	1,902	1,855	39.6	98,887	98,468	2,061
Computer software engineers, applications	43.57	42.58	1,728	1,694	39.7	89,869	88,103	2,062
Computer software engineers, systems software	49.74	48.15	1,971	1,896	39.6	102,477	98,600	2,060
Computer support specialists	29.71	26.48	1,172	1,059	39.4	60,930	55,070	2,051
Computer systems analysts	41.44	40.19	1,600	1,515	38.6	83,175	78,782	2,007
Network and computer systems administrators	40.53	47.01	1,616	1,880	39.9	84,043	97,772	2,073
Network systems and data communications								
analysts	37.72	34.87	1,487	1,371	39.4	77,307	71,292	2,049
Architecture and engineering occupations	43.64	41.01	1,782	1,693	40.8	92,663	88,021	2,123
Engineers	49.89	47.38	2,014	1,895	40.4	104,739	98,542	2,099
Electrical and electronics engineers	46.86	47.71	1,874	1,908	40.0	97,469	99,228	2,080
Electronics engineers, except computer	46.92	47.27	1,877	1,891	40.0	97,590	98,322	2,080
Mechanical engineers	42.78	48.11	1,776	1,975	41.5	92,333	102,675	2,158
Engineering technicians, except drafters	32.02	33.58	1,285	1,343	40.1	66,796	69,846	2,086
Life, physical, and social science occupations	39.70	36.32	1,579	1,441	39.8	81,662	74,907	2,057
Life scientists	39.27	38.37	1,545	1,458	39.3	80,344	75,799	2,046
Biological scientists	45.49	44.81	1,795	1,775	39.5	93,319	92,300	2,052
Physical scientists	46.71	46.21	1,916	2,080	41.0	99,609	108,136	2,132
Chemists and materials scientists	49.78	46.21	2,064	2,080	41.5	107,321	108,136	2,156
Community and social services occupations	19.19	19.38	762	769	39.7	39,625	40,000	2,065
Counselors	14.81	12.40	585	496	39.5	30,433	25,782	2,054
Educational, vocational, and school counselors	18.36	19.23	721	769	39.3	37,496	40,000	2,042
Social workers	23.17	21.91	927	876	40.0	48,190	45,573	2,080
Legal occupations	69.67	73.36	2,787	2,934	40.0	144,920	152,587	2,080
Lawyers	84.49	87.71	3,380	3,508	40.0	175,743	182,433	2,080
Education, training, and library occupations	48.69	47.82	1,857	1,826	38.1	78,181	71,455	1,606
Postsecondary teachers	53.83	50.22	2,036	1,962	37.8	85,690	81,894	1,592
Life sciences teachers, postsecondary	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277
Biological science teachers, postsecondary ...	82.15	74.35	2,875	2,602	35.0	104,881	97,486	1,277

See footnotes at end of table.

Table 16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Boston-Worcester-Manchester, MA-NH CSA, October 2010
— Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Education, training, and library occupations								
—Continued								
Arts, communications, and humanities teachers, postsecondary	\$45.13	\$32.05	\$1,634	\$1,122	36.2	\$59,989	\$39,255	1,329
Miscellaneous postsecondary teachers	45.40	41.09	1,746	1,581	38.4	71,373	66,504	1,572
Arts, design, entertainment, sports, and media occupations	32.50	30.86	1,268	1,232	39.0	65,653	63,066	2,020
Writers and editors	37.61	34.35	1,471	1,374	39.1	76,474	71,454	2,033
Editors	34.19	34.35	1,332	1,271	38.9	69,239	66,092	2,025
Healthcare practitioner and technical occupations	36.54	30.45	1,403	1,174	38.4	72,741	61,027	1,991
Physicians and surgeons	52.75	31.82	2,110	1,273	40.0	109,725	66,186	2,080
Registered nurses	42.01	36.08	1,561	1,380	37.2	81,096	71,760	1,930
Clinical laboratory technologists and technicians ...	24.93	23.18	975	904	39.1	50,681	46,987	2,033
Health diagnosing and treating practitioner support technicians	17.69	17.28	704	691	39.8	36,624	35,942	2,071
Licensed practical and licensed vocational nurses	25.94	25.19	1,019	988	39.3	52,975	51,370	2,042
Healthcare support occupations	15.87	15.24	611	586	38.5	31,772	30,481	2,002
Nursing, psychiatric, and home health aides	14.60	14.06	559	543	38.3	29,050	28,226	1,990
Nursing aides, orderlies, and attendants	15.13	14.42	586	563	38.7	30,466	29,265	2,013
Miscellaneous healthcare support occupations	18.49	17.50	721	667	39.0	37,499	34,684	2,028
Food preparation and serving related occupations	13.55	13.00	524	505	38.7	26,424	26,000	1,950
First-line supervisors/managers, food preparation and serving workers	18.41	17.39	731	696	39.7	35,609	35,672	1,934
Cooks	13.68	13.49	517	520	37.8	26,900	27,040	1,967
Cooks, institution and cafeteria	13.70	14.35	505	556	36.9	26,280	28,912	1,919
Fast food and counter workers	13.68	13.00	519	488	37.9	25,681	24,710	1,878
Building and grounds cleaning and maintenance occupations	14.26	13.32	562	533	39.4	29,232	27,714	2,050
Building cleaning workers	13.14	13.32	517	527	39.4	26,903	27,394	2,047
Janitors and cleaners, except maids and housekeeping cleaners	14.51	14.45	572	534	39.4	29,726	27,768	2,049
Maids and housekeeping cleaners	10.53	10.25	414	400	39.3	21,527	20,800	2,044
Grounds maintenance workers	16.20	13.28	636	531	39.2	33,057	27,616	2,040
Landscaping and groundskeeping workers	16.20	13.28	636	531	39.2	33,057	27,616	2,040
Personal care and service occupations	24.24	21.29	788	839	32.5	40,977	43,640	1,690
Sales and related occupations	28.39	17.01	1,118	680	39.4	57,868	35,383	2,039
First-line supervisors/managers, sales workers	20.28	16.70	811	668	40.0	42,181	34,736	2,080
First-line supervisors/managers of retail sales workers	20.28	16.70	811	668	40.0	42,181	34,736	2,080
Retail sales workers	14.34	13.92	564	536	39.3	29,048	27,352	2,025
Cashiers, all workers	12.63	12.85	498	506	39.4	24,987	24,502	1,978
Cashiers	12.63	12.85	498	506	39.4	24,987	24,502	1,978
Retail salespersons	15.00	14.25	590	564	39.3	30,669	29,328	2,044
Securities, commodities, and financial services sales agents	91.38	82.05	3,479	3,370	38.1	180,933	175,250	1,980
Sales representatives, wholesale and manufacturing	34.50	27.22	1,380	1,089	40.0	71,770	56,613	2,080
Office and administrative support occupations	20.39	19.61	794	768	39.0	41,306	39,957	2,026
First-line supervisors/managers of office and administrative support workers	28.90	27.17	1,139	1,087	39.4	59,204	56,520	2,048
Financial clerks	21.57	18.70	824	729	38.2	42,842	37,898	1,986
Billing and posting clerks and machine operators	15.85	15.45	634	618	40.0	32,975	32,136	2,080
Bookkeeping, accounting, and auditing clerks ...	24.16	22.13	904	881	37.4	46,995	45,829	1,945

See footnotes at end of table.

Table 16. **Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time¹ private industry workers, Boston-Worcester-Manchester, MA-NH CSA, October 2010**
— Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Office and administrative support occupations —Continued								
Brokerage clerks	\$20.63	\$21.18	\$797	\$826	38.6	\$41,442	\$42,931	2,009
Customer service representatives	18.55	17.38	719	663	38.7	37,381	34,493	2,015
Receptionists and information clerks	16.44	16.02	691	635	42.1	35,956	33,000	2,187
Shipping, receiving, and traffic clerks	18.08	15.59	723	623	40.0	37,608	32,421	2,080
Secretaries and administrative assistants	22.62	21.81	874	851	38.7	45,467	44,252	2,010
Executive secretaries and administrative assistants	26.47	25.55	1,032	1,001	39.0	53,664	52,054	2,027
Medical secretaries	18.78	18.21	731	706	38.9	38,016	36,733	2,024
Secretaries, except legal, medical, and executive	19.59	19.61	730	744	37.2	37,935	38,711	1,936
Insurance claims and policy processing clerks	19.84	18.77	763	724	38.5	39,686	37,633	2,001
Office clerks, general	20.05	19.30	764	772	38.1	39,741	40,136	1,982
Construction and extraction occupations	31.84	32.54	1,272	1,302	40.0	66,166	67,683	2,078
Electricians	29.26	23.40	1,170	936	40.0	60,854	48,672	2,080
Pipelayers, plumbers, pipefitters, and steamfitters	30.93	32.30	1,230	1,292	39.8	63,977	67,184	2,068
Plumbers, pipefitters, and steamfitters	30.93	32.30	1,230	1,292	39.8	63,977	67,184	2,068
Installation, maintenance, and repair occupations	32.70	32.44	1,351	1,285	41.3	70,249	66,821	2,148
Industrial machinery installation, repair, and maintenance workers	22.80	22.95	912	918	40.0	47,429	47,736	2,080
Production occupations	19.49	17.10	777	682	39.9	40,418	35,464	2,073
Miscellaneous assemblers and fabricators	15.75	15.00	621	600	39.5	32,318	31,206	2,052
Machine tool cutting setters, operators, and tenders, metal and plastic	17.69	16.45	708	658	40.0	36,798	34,216	2,080
Inspectors, testers, sorters, samplers, and weighers	17.32	16.78	712	671	41.1	37,008	34,896	2,137
Transportation and material moving occupations	19.02	17.15	742	712	39.0	38,580	37,003	2,028
Driver/sales workers and truck drivers	21.31	21.61	842	864	39.5	43,807	44,949	2,055
Truck drivers, light or delivery services	19.26	18.77	771	751	40.0	40,068	39,042	2,080
Laborers and material movers, hand	12.59	12.12	504	485	40.0	26,194	25,203	2,080
Laborers and freight, stock, and material movers, hand	11.88	10.00	475	400	40.0	24,709	20,800	2,080

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

² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

³ 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁵ Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 17. Union¹ and nonunion workers: Mean hourly earnings² for major occupational groups, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupational group ³	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
All workers	\$30.03	\$27.93	\$32.31	\$26.15	\$26.10	\$27.35
Management, professional, and related	40.70	42.90	39.93	39.30	39.60	33.30
Management, business, and financial	41.61	–	42.11	43.49	43.86	37.96
Professional and related	40.63	43.06	39.73	36.67	37.01	28.64
Service	22.71	17.26	25.51	12.68	12.40	20.45
Sales and office	20.86	19.53	23.64	19.34	19.35	19.11
Sales and related	12.41	11.49	–	20.33	20.48	–
Office and administrative support	22.64	22.11	23.50	18.60	18.48	21.13
Natural resources, construction, and maintenance	32.66	34.49	24.65	23.52	23.31	–
Construction and extraction	34.05	35.40	25.60	22.43	21.85	–
Installation, maintenance, and repair	29.05	31.53	23.54	24.78	24.87	–
Production, transportation, and material moving	22.61	22.54	22.91	15.48	15.48	–
Production	23.51	23.21	–	16.30	16.32	–
Transportation and material moving	22.22	22.19	22.33	14.63	14.62	–
	Relative error ⁴ (percent)					
All workers	1.9	3.1	2.6	2.5	2.6	6.6
Management, professional, and related	2.8	5.7	3.1	2.9	3.0	4.8
Management, business, and financial	10.2	–	11.1	4.0	4.2	5.4
Professional and related	2.7	6.2	2.8	2.2	2.3	7.2
Service	2.7	8.6	2.4	1.9	1.8	10.6
Sales and office	4.9	6.9	4.5	2.0	2.1	10.1
Sales and related	16.9	16.7	–	4.2	4.2	–
Office and administrative support	3.9	6.0	4.5	1.6	1.7	5.8
Natural resources, construction, and maintenance	2.4	1.5	5.6	7.3	7.6	–
Construction and extraction	2.6	.7	8.3	6.0	5.5	–
Installation, maintenance, and repair	6.4	6.1	8.4	11.8	12.0	–
Production, transportation, and material moving	9.0	10.9	10.0	4.1	4.2	–
Production	10.0	10.6	–	5.0	5.1	–
Transportation and material moving	12.2	16.1	9.5	3.3	3.3	–

¹ Union workers are those whose wages are determined through collective bargaining.

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. 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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 18. Time and incentive workers¹: Mean hourly earnings² for major occupational groups, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupational group ³	Time		Incentive	
	Civilian workers	Private industry workers	Civilian workers	Private industry workers
All workers	\$26.71	\$26.19	\$28.37	\$28.37
Management, professional, and related	39.50	39.76	35.72	35.72
Management, business, and financial	43.56	43.98	35.72	35.72
Professional and related	37.40	37.37	—	—
Service	14.48	12.66	—	—
Sales and office	18.55	18.35	28.37	28.37
Sales and related	17.63	17.71	29.96	29.96
Office and administrative support	19.07	18.74	20.34	20.34
Natural resources, construction, and maintenance	26.87	27.00	—	—
Construction and extraction	—	28.13	—	—
Installation, maintenance, and repair	25.22	25.48	—	—
Production, transportation, and material moving	16.76	16.53	—	—
Production	17.11	17.05	—	—
Transportation and material moving	16.45	16.03	—	—
	Relative error ⁴ (percent)			
All workers	2.2	2.5	16.0	16.0
Management, professional, and related	2.6	2.9	11.8	11.8
Management, business, and financial	4.0	4.3	11.8	11.8
Professional and related	1.8	2.2	—	—
Service	2.1	1.8	—	—
Sales and office	2.3	2.4	18.1	18.1
Sales and related	6.4	6.5	18.7	18.7
Office and administrative support	1.5	1.6	9.7	9.7
Natural resources, construction, and maintenance	4.1	4.6	—	—
Construction and extraction	—	6.9	—	—
Installation, maintenance, and repair	5.5	6.0	—	—
Production, transportation, and material moving	5.7	6.0	—	—
Production	4.6	4.6	—	—
Transportation and material moving	9.1	10.0	—	—

¹ 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.

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000

Standard Occupational Classification (SOC) system. 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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Table 19. Industry sector¹: Mean hourly earnings² for private industry workers by major occupational group, Boston-Worcester-Manchester, MA-NH CSA, October 2010

Occupational group ³	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
All workers	–	\$27.73	\$20.11	–	\$33.69	–	\$26.16	\$12.55	–
Management, professional, and related	–	43.00	40.08	–	44.42	–	33.81	24.73	–
Management, business, and financial	–	48.13	41.89	–	44.07	–	40.36	–	–
Professional and related	–	39.70	36.88	–	45.35	–	32.73	23.20	–
Service	–	–	17.23	–	–	–	14.45	10.62	–
Sales and office	–	23.01	15.94	–	24.03	–	19.86	13.35	–
Sales and related	–	29.11	16.04	–	–	–	–	13.80	–
Office and administrative support	–	20.62	15.68	–	19.58	–	19.55	13.07	–
Natural resources, construction, and maintenance	–	26.95	25.13	–	21.76	–	29.70	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	–	28.68	24.66	–	21.76	–	–	–	–
Production, transportation, and material moving	–	16.42	17.31	–	–	–	15.37	–	–
Production	–	16.54	23.20	–	–	–	–	–	–
Transportation and material moving ...	–	15.34	16.55	–	–	–	–	–	–
	Relative error ⁴ (percent)								
All workers	–	2.8	3.4	–	7.9	–	2.8	3.4	–
Management, professional, and related	–	4.6	3.7	–	8.4	–	2.4	17.6	–
Management, business, and financial	–	2.9	2.7	–	8.8	–	6.1	–	–
Professional and related	–	4.6	15.4	–	7.5	–	2.5	3.9	–
Service	–	–	14.4	–	–	–	3.7	5.4	–
Sales and office	–	8.3	2.9	–	5.8	–	3.6	4.3	–
Sales and related	–	28.3	3.9	–	–	–	–	2.4	–
Office and administrative support	–	5.0	5.3	–	1.5	–	2.6	7.2	–
Natural resources, construction, and maintenance	–	1.2	20.3	–	18.4	–	5.1	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	–	5.7	21.9	–	18.4	–	–	–	–
Production, transportation, and material moving	–	5.1	10.6	–	–	–	21.1	–	–
Production	–	5.9	14.0	–	–	–	–	–	–
Transportation and material moving ...	–	5.3	11.3	–	–	–	–	–	–

¹ Industry sectors are determined by the 2007 North American Industry Classification System (NAICS).

² 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. See appendix A for more information.

³ Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. 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.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

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 of the steps required to produce the data.

Planning for the survey

The overall design of the National Compensation Survey (NCS) includes questions of scope, frame, and sample selection.

Survey scope

This survey covered establishments employing one worker or more in private goods-producing industries (mining, construction, and manufacturing); private service-providing industries (trade, transportation, and utilities, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services); State governments; and local governments. Agriculture, forestry, fishing and hunting, 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 agency within the sampled area.

The statistical area covered by this survey is defined by the U.S. Office of Management and Budget (OMB) as of December 2003. The Boston–Worcester–Manchester, MA–NH, Combined Statistical Area (CSA) includes:

- Boston–Cambridge–Quincy, MA–NH, Metropolitan Statistical Area: Essex, Middlesex, Norfolk, Plymouth, and Suffolk Counties, MA; and Rockingham and Strafford Counties, NH
- Concord, NH, Micropolitan Statistical Area: Merrimack County, NH
- Laconia, NH, Micropolitan Statistical Area: Belknap County, NH

- Manchester–Nashua, NH, Metropolitan Statistical Area: Hillsborough County, NH
- Worcester, MA, Metropolitan Statistical Area: Worcester 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 available at the time the sample was selected. Approximately one-fifth of the private industry sample is reselected each year. The sampling frame for State and local government establishments is revised every 10 years.

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 Bureau of Labor Statistics' (BLS) Regional Offices and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to clarify 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 2000 Standard Occupational Classification (SOC) system
3. Characterization of jobs as full-time versus part-time, union versus nonunion, and time versus incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers whose jobs could be characterized by the criteria identified in the last three steps. If a specific work level could not be determined, wages were still collected.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist. 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. The number of jobs selected followed this schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
1–49	Up to 4
50–249	6
250 or more	8

Exceptions include State and local government units, for which up to 20 jobs may be selected, and the aircraft manufacturing industry units (those matching NAICS code 336411) for which up to 32 jobs may be selected.

The second step of the process entailed classifying the selected jobs into occupations based on their duties. NCS uses the 2000 Standard Occupational Classification (SOC) system. A selected job may fall into any one of about 800 occupational classifications, from accountant to zoologist. When workers could be classified in more than one occupation, they were classified in the occupation that required the higher skill level. When there was no perceptible difference in skill level, the workers were classified in the occupation that described their primary activity.

Each occupational classification is an element of a broader classification known as a major group. Occupations can fall into any of 22 major groups. Appendix B

contains a complete list of all individual occupations, classified by the major group 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 a "point factor leveling" process. Point factor leveling matches certain aspects of a job to specific levels of work with assigned point values. Points for each factor are then totaled to determine the overall work level for the job.

The NCS program is in the process of converting from a nine-factor to a four-factor occupational leveling system. The conversion is being phased in via annual NCS sample replenishment groups and will require several years for full implementation. The four occupational leveling factors are:

- Knowledge
- Job controls and complexity
- Contacts (nature and purpose)
- Physical environment

Each factor consists of several levels, and each level has an associated description and assigned points. A knowledge guide for 24 families of closely related occupations contains short definitions of the point levels of knowledge expected for the occupations and presents relevant examples. The other three factors use identical descriptions for all occupational categories and contain a definition of each point level within each factor.

The description within each factor best matching the job is chosen. The point levels within each factor are designed to describe the thresholds of distinct levels of work. When a job does not meet the full description of a point level, the next lowest point level is used. Points for the four factors are totaled to determine the overall work level. NCS publishes data for up to 15 work levels.

Most supervisory occupations are evaluated based on their duties and responsibilities. A modified approach is used for professional and administrative supervisors when they direct professional work and are paid primarily to supervise. Such supervisory occupations are leveled based on the work level of the highest position reporting to them.

For a complete description of point factor leveling, refer to the publication "National Compensation Survey: Guide

for Evaluating Your Firm’s Jobs and Pay,” available at the BLS National Compensation Survey Internet site at <http://www.bls.gov/ncs/ocs/sp/ncbr0004.pdf>.

Combined work levels

This bulletin includes a table which simplifies the presentation of work levels by combining them into four broad groups. The groups were determined by combinations of knowledge, job controls and complexity, contacts, physical environment, and supervisory duties, and are meant to be comparable across different occupations. The broad groups and the combined work levels are:

<i>Group designation</i>	<i>Levels combined</i>
Group I	Levels 1–4
Group II	Levels 5–8
Group III	Levels 9–12
Group IV	Levels 13–15

Collection period

Survey data were collected over a 14-month period for the larger metropolitan areas in the NCS program. For the smaller metropolitan areas, data were collected over a 5-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 or subsidized room and board
- Payments made by third parties (for example, tips)
- 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 who are exempt from overtime provisions often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

The earnings estimates for aircraft pilots and flight engineers (SOC code 53-2010) and detailed occupations within this group, and the earnings estimates for flight attendants (SOC code 39-6031), included flight pay and flight hours only; these estimates may not reflect the total earnings and hours worked.

Union workers

The NCS defines a union worker as any employee 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 collection bargaining or negotiations; and settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement.

A nonunion worker is an employee in an occupation not meeting the conditions for union coverage.

Processing and analyzing the data

Data were processed and analyzed at the BLS 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 during the initial interview, 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 establish-

ments were classified into cells that were additionally defined by major occupation group.

If average hourly earnings data were not provided by a sample member during the update interview, then missing average hourly earnings were imputed by multiplying prior average hourly earnings by the rate of change in the average hourly earnings of respondents. The regression model that takes into account available establishment characteristics is used to derive the rate of change in the average hourly earnings.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero.

Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work. The sample weight reflects the inverse of each unit's probability of selection at each sample selection stage and four weight adjustment factors. The first factor adjusts for establishment nonresponse and the second factor adjusts for occupational nonresponse. The third factor adjusts for any special situations that may have occurred during data collection. The fourth factor, post-stratification, also called benchmarking, is introduced to adjust estimated employment totals to the current counts of employment by industry. The latest available employment counts were used to derive average hourly earnings in this publication.

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 through 10 are computed using earnings reported for individual workers in sampled establishment jobs and their scheduled hours of work. Establishments in the survey may report only individual-worker earnings for each sampled job. For the calculation of percentile estimates, the individual-worker

hourly earnings are appropriately weighted and then arrayed from lowest to highest.

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

Data reliability

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

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

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

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$17.75, with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is from \$17.46 to \$18.04 (\$17.75 minus and plus \$0.29, where \$0.29 is the product of 1.645 times 1.0 percent times \$17.75). 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, computer edits of the data, and detailed data review.

Appendix table 1. **Number of workers¹ represented by the survey, Boston-Worcester-Manchester, MA-NH CSA, October 2010**

Occupational group ²	Civilian workers	Private industry workers	State and local government workers
All workers	2,814,800	2,479,600	335,100
Management, professional, and related	1,054,200	869,900	184,300
Management, business, and financial	324,900	294,800	30,200
Professional and related	729,300	575,100	154,200
Service	588,500	513,300	75,200
Sales and office	678,300	633,200	45,200
Sales and related	288,200	279,700	–
Office and administrative support	390,200	353,400	36,800
Natural resources, construction, and maintenance	178,300	161,700	16,600
Construction and extraction	103,700	94,000	9,600
Installation, maintenance, and repair	72,900	65,900	7,000
Production, transportation, and material moving	315,400	301,700	13,800
Production	133,700	132,100	–
Transportation and material moving	181,700	169,500	12,200

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

² Workers are classified by occupation using the

2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Appendix table 2. **Survey establishment response, Boston-Worcester-Manchester, MA-NH CSA, October 2010**

Establishments	Total	Private industry	State and local government
Total in sampling frame ¹	117,200	112,283	4,917
Total in sample	841	760	81
Responding	568	490	78
Refused or unable to provide data	170	167	3
Out of business or not in survey scope	103	103	0

¹ The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports and is based on the 2007 North American Industry Classification System (NAICS). For private industries, an establishment is usually a single physical location. For State and local governments, an establishment is defined as all locations of a

government entity.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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

Appendix B. Standard Occupational Classification System

The Standard Occupational Classification (SOC) system is used by all Federal statistical agencies. Workers are classified into one of approximately 800 detailed occupations. To facilitate classification, occupations are combined to form major groups, minor groups, and broad occupations. Each item in the hierarchy is designated by a six-digit code. Major group codes end with 0000, minor groups end with 000, and broad occupations end with 0. The following list is used by the National Compensation Survey (NCS) for publication.

11-0000	Management Occupations	11-9121	Natural Sciences Managers
11-1011	Chief Executives	11-9141	Property, Real Estate, and Community Association Managers
11-1021	General and Operations Managers	11-9151	Social and Community Service Managers
11-1031	Legislators		
11-2011	Advertising and Promotions Managers		
11-2020	Marketing and Sales Managers	13-0000	Business and Financial Operations Occupations
11-2021	Marketing Managers	13-1011	Agents and Business Managers of Artists, Performers, and Athletes
11-2022	Sales Managers	13-1020	Buyers and Purchasing Agents
11-2031	Public Relations Managers	13-1021	Purchasing Agents and Buyers, Farm Products
11-3011	Administrative Services Managers	13-1022	Wholesale and Retail Buyers, Except Farm Products
11-3021	Computer and Information Systems Managers	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products
11-3031	Financial Managers	13-1030	Claims Adjusters, Appraisers, Examiners, and Investigators
11-3040	Human Resources Managers	13-1031	Claims Adjusters, Examiners, and Investigators
11-3041	Compensation and Benefits Managers	13-1032	Insurance Appraisers, Auto Damage
11-3042	Training and Development Managers	13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation
11-3051	Industrial Production Managers	13-1051	Cost Estimators
11-3061	Purchasing Managers	13-1061	Emergency Management Specialists
11-3071	Transportation, Storage, and Distribution Managers	13-1070	Human Resources, Training, and Labor Relations Specialists
11-9010	Agricultural Managers	13-1071	Employment, Recruitment, and Placement Specialists
11-9011	Farm, Ranch, and Other Agricultural Managers	13-1072	Compensation, Benefits, and Job Analysis Specialists
11-9012	Farmers and Ranchers	13-1073	Training and Development Specialists
11-9021	Construction Managers	13-1081	Logisticians
11-9030	Education Administrators	13-1111	Management Analysts
11-9031	Education Administrators, Preschool and Child Care Center/Program	13-1121	Meeting and Convention Planners
11-9032	Education Administrators, Elementary and Secondary School	13-2011	Accountants and Auditors
11-9033	Education Administrators, Postsecondary		
11-9041	Engineering Managers		
11-9051	Food Service Managers		
11-9061	Funeral Directors		
11-9071	Gaming Managers		
11-9081	Lodging Managers		
11-9111	Medical and Health Services Managers		

13-2021	Appraisers and Assessors of Real Estate	17-2051	Civil Engineers
13-2031	Budget Analysts	17-2061	Computer Hardware Engineers
13-2041	Credit Analysts	17-2070	Electrical and Electronics Engineers
13-2050	Financial Analysts and Advisors	17-2071	Electrical Engineers
13-2051	Financial Analysts	17-2072	Electronics Engineers, Except Computer
13-2052	Personal Financial Advisors	17-2081	Environmental Engineers
13-2053	Insurance Underwriters	17-2110	Industrial Engineers, Including Health and Safety
13-2061	Financial Examiners		
13-2070	Loan Counselors and Officers	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
13-2071	Loan Counselors		
13-2072	Loan Officers	17-2112	Industrial Engineers
13-2080	Tax Examiners, Collectors, Preparers, and Revenue Agents	17-2121	Marine Engineers and Naval Architects
		17-2131	Materials Engineers
13-2081	Tax Examiners, Collectors, and Revenue Agents	17-2141	Mechanical Engineers
		17-2151	Mining and Geological Engineers, Including Mining Safety Engineers
13-2082	Tax Preparers		
		17-2161	Nuclear Engineers
15-0000	Computer and Mathematical Science Occupations	17-2171	Petroleum Engineers
15-1011	Computer and Information Scientists, Research	17-3010	Drafters
		17-3011	Architectural and Civil Drafters
15-1021	Computer Programmers	17-3012	Electrical and Electronics Drafters
15-1030	Computer Software Engineers	17-3013	Mechanical Drafters
15-1031	Computer Software Engineers, Applications	17-3020	Engineering Technicians, Except Drafters
15-1032	Computer Software Engineers, Systems Software	17-3021	Aerospace Engineering and Operations Technicians
		17-3022	Civil Engineering Technicians
15-1041	Computer Support Specialists	17-3023	Electrical and Electronic Engineering Technicians
15-1051	Computer Systems Analysts		
15-1061	Database Administrators	17-3024	Electro-Mechanical Technicians
15-1071	Network and Computer Systems Administrators	17-3025	Environmental Engineering Technicians
		17-3026	Industrial Engineering Technicians
15-1081	Network Systems and Data Communications Analysts	17-3027	Mechanical Engineering Technicians
		17-3031	Surveying and Mapping Technicians
15-2011	Actuaries		
15-2021	Mathematicians	19-0000	Life, Physical, and Social Science Occupations
15-2031	Operations Research Analysts	19-1000	Life Scientists
15-2041	Statisticians	19-1010	Agricultural and Food Scientists
15-2090	Miscellaneous Mathematical Science Occupations	19-1011	Animal Scientists
15-2091	Mathematical Technicians	19-1012	Food Scientists and Technologists
		19-1013	Soil and Plant Scientists
17-0000	Architecture and Engineering Occupations	19-1020	Biological Scientists
17-1010	Architects, Except Naval	19-1021	Biochemists and Biophysicists
17-1011	Architects, Except Landscape and Naval	19-1022	Microbiologists
17-1012	Landscape Architects	19-1023	Zoologists and Wildlife Biologists
17-1020	Surveyors, Cartographers, and Photogrammetrists	19-1030	Conservation Scientists and Foresters
		19-1031	Conservation Scientists
17-1021	Cartographers and Photogrammetrists	19-1032	Foresters
17-1022	Surveyors	19-1040	Medical Scientists
17-2000	Engineers	19-1041	Epidemiologists
17-2011	Aerospace Engineers	19-1042	Medical Scientists, Except Epidemiologists
17-2021	Agricultural Engineers	19-2000	Physical Scientists
17-2031	Biomedical Engineers	19-2010	Astronomers and Physicists
17-2041	Chemical Engineers	19-2011	Astronomers
		19-2012	Physicists

19-2021	Atmospheric and Space Scientists		Service Specialists
19-2030	Chemists and Materials Scientists	21-1091	Health Educators
19-2031	Chemists	21-1092	Probation Officers and Correctional Treatment Specialists
19-2032	Materials Scientists		Social and Human Service Assistants
19-2040	Environmental Scientists and Geoscientists	21-1093	Clergy
19-2041	Environmental Scientists and Specialists, Including Health	21-2011	Directors, Religious Activities and Education
19-2042	Geoscientists, Except Hydrologists and Geographers	21-2021	
19-2043	Hydrologists	21-2021	
19-3011	Economists	23-0000	Legal Occupations
19-3020	Market and Survey Researchers	23-1011	Lawyers
19-3021	Market Research Analysts	23-1020	Judges, Magistrates, and Other Judicial Workers
19-3022	Survey Researchers	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers
19-3030	Psychologists		Arbitrators, Mediators, and Conciliators
19-3031	Clinical, Counseling, and School Psychologists	23-1022	Judges, Magistrate Judges, and Magistrates
19-3032	Industrial-Organizational Psychologists	23-1023	Paralegals and Legal Assistants
19-3041	Sociologists	23-2011	Miscellaneous Legal Support Workers
19-3051	Urban and Regional Planners	23-2090	Court Reporters
19-3090	Miscellaneous Social Scientists and Related Workers	23-2091	Law Clerks
		23-2092	Title Examiners, Abstractors, and Searchers
		23-2093	
19-3091	Anthropologists and Archeologists		
19-3092	Geographers	25-0000	Education, Training and Library Occupations
19-3093	Historians		Postsecondary Teachers
19-3094	Political Scientists	25-1000	Business Teachers, Postsecondary
19-4011	Agricultural and Food Science Technicians	25-1011	Math and Computer Teachers, Postsecondary
19-4021	Biological Technicians	25-1020	Computer Science Teachers, Postsecondary
19-4031	Chemical Technicians		Mathematical Science Teachers, Postsecondary
19-4041	Geological and Petroleum Technicians	25-1021	Engineering and Architecture Teachers, Postsecondary
19-4051	Nuclear Technicians	25-1022	Architecture Teachers, Postsecondary
19-4061	Social Science Research Assistants		Engineering Teachers, Postsecondary
19-4090	Miscellaneous Life, Physical, and Social Science Technicians	25-1030	Life Sciences Teachers, Postsecondary
19-4091	Environmental Science and Protection Technicians, Including Health	25-1031	Agricultural Sciences Teachers, Postsecondary
19-4092	Forensic Science Technicians	25-1032	Biological Science Teachers, Postsecondary
19-4093	Forest and Conservation Technicians	25-1040	Forestry and Conservation Science Teachers, Postsecondary
		25-1041	Physical Sciences Teachers, Postsecondary
		25-1042	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
		25-1043	Chemistry Teachers, Postsecondary
21-0000	Community and Social Services Occupations		Environmental Science Teachers, Postsecondary
21-1010	Counselors	25-1052	Physics Teachers, Postsecondary
21-1011	Substance Abuse and Behavioral Disorder Counselors	25-1053	Social Sciences Teachers, Postsecondary
21-1012	Educational, Vocational, and School Counselors	25-1054	Anthropology and Archeology Teachers, Postsecondary
21-1013	Marriage and Family Therapists	25-1060	Area, Ethnic, and Cultural Studies Teachers, Postsecondary
21-1014	Mental Health Counselors	25-1061	Economics Teachers, Postsecondary
21-1015	Rehabilitation Counselors	25-1062	
21-1020	Social Workers	25-1063	
21-1021	Child, Family, and School Social Workers		
21-1022	Medical and Public Health Social Workers		
21-1023	Mental Health and Substance Abuse Social Workers		
21-1090	Miscellaneous Community and Social		

25-1064	Geography Teachers, Postsecondary	25-2032	Vocational Education Teachers, Secondary School
25-1065	Political Science Teachers, Postsecondary	25-2040	Special Education Teachers
25-1066	Psychology Teachers, Postsecondary	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School
25-1067	Sociology Teachers, Postsecondary	25-2042	Special Education Teachers, Middle School
25-1070	Health Teachers, Postsecondary	25-2043	Special Education Teachers, Secondary School
25-1071	Health Specialties Teachers, Postsecondary	25-3000	Other Teachers and Instructors
25-1072	Nursing Instructors and Teachers, Postsecondary	25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors
25-1080	Education and Library Science Teachers, Postsecondary	25-3021	Self-Enrichment Education Teachers
25-1081	Education Teachers, Postsecondary	25-4010	Archivists, Curators, and Museum Technicians
25-1082	Library Science Teachers, Postsecondary	25-4011	Archivists
25-1110	Law, Criminal Justice, and Social Work Teachers, Postsecondary	25-4012	Curators
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	25-4013	Museum Technicians and Conservators
25-1112	Law Teachers, Postsecondary	25-4021	Librarians
25-1113	Social Work Teachers, Postsecondary	25-4031	Library Technicians
25-1120	Arts, Communications, and Humanities Teachers, Postsecondary	25-9011	Audio-Visual Collections Specialists
25-1121	Art, Drama, and Music Teachers, Postsecondary	25-9021	Farm and Home Management Advisors
25-1122	Communications Teachers, Postsecondary	25-9031	Instructional Coordinators
25-1123	English Language and Literature Teachers, Postsecondary	25-9041	Teacher Assistants
25-1124	Foreign Language and Literature Teachers, Postsecondary	27-0000	Arts, Design, Entertainment, Sports, and Media Occupations
25-1125	History Teachers, Postsecondary	27-1010	Artists and Related Workers
25-1126	Philosophy and Religion Teachers, Postsecondary	27-1011	Art Directors
25-1190	Miscellaneous Postsecondary Teachers	27-1012	Craft Artists
25-1191	Graduate Teaching Assistants	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators
25-1192	Home Economics Teachers, Postsecondary	27-1014	Multi-Media Artists and Animators
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	27-1020	Designers
25-1194	Vocational Education Teachers, Postsecondary	27-1021	Commercial and Industrial Designers
25-2000	Primary, Secondary, and Special Education School Teachers	27-1022	Fashion Designers
25-2010	Preschool and Kindergarten Teachers	27-1023	Floral Designers
25-2011	Preschool Teachers, Except Special Education	27-1024	Graphic Designers
25-2012	Kindergarten Teachers, Except Special Education	27-1025	Interior Designers
25-2020	Elementary and Middle School Teachers	27-1026	Merchandise Displayers and Window Trimmers
25-2021	Elementary School Teachers, Except Special Education	27-1027	Set and Exhibit Designers
25-2022	Middle School Teachers, Except Special and Vocational Education	27-2010	Actors, Producers, and Directors
25-2023	Vocational Education Teachers, Middle School	27-2011	Actors
25-2030	Secondary School Teachers	27-2012	Producers and Directors
25-2031	Secondary School Teachers, Except Special and Vocational Education	27-2020	Athletes, Coaches, Umpires, and Related Workers
		27-2021	Athletes and Sports Competitors
		27-2022	Coaches and Scouts
		27-2023	Umpires, Referees, and Other Sports Officials
		27-2030	Dancers and Choreographers
		27-2031	Dancers
		27-2032	Choreographers
		27-2040	Musicians, Singers, and Related Workers
		27-2041	Music Directors and Composers

27-2042	Musicians and Singers	29-1123	Physical Therapists
27-3010	Announcers	29-1124	Radiation Therapists
27-3011	Radio and Television Announcers	29-1125	Recreational Therapists
27-3012	Public Address System and Other Announcers	29-1126	Respiratory Therapists
27-3020	News Analysts, Reporters and Correspondents	29-1127	Speech-Language Pathologists
27-3021	Broadcast News Analysts	29-1131	Veterinarians
27-3022	Reporters and Correspondents	29-2010	Clinical Laboratory Technologists and Technicians
27-3031	Public Relations Specialists	29-2011	Medical and Clinical Laboratory Technologists
27-3040	Writers and Editors	29-2012	Medical and Clinical Laboratory Technicians
27-3041	Editors	29-2021	Dental Hygienists
27-3042	Technical Writers	29-2030	Diagnostic Related Technologists and Technicians
27-3043	Writers and Authors	29-2031	Cardiovascular Technologists and Technicians
27-3090	Miscellaneous Media and Communication Workers	29-2032	Diagnostic Medical Sonographers
27-3091	Interpreters and Translators	29-2033	Nuclear Medicine Technologists
27-4010	Broadcast and Sound Engineering Technicians and Radio Operators	29-2034	Radiologic Technologists and Technicians
27-4011	Audio and Video Equipment Technicians	29-2041	Emergency Medical Technicians and Paramedics
27-4012	Broadcast Technicians	29-2050	Health Diagnosing and Treating Practitioner Support Technicians
27-4013	Radio Operators	29-2051	Dietetic Technicians
27-4014	Sound Engineering Technicians	29-2052	Pharmacy Technicians
27-4021	Photographers	29-2053	Psychiatric Technicians
27-4030	Television, Video, and Motion Picture Camera Operators and Editors	29-2054	Respiratory Therapy Technicians
27-4031	Camera Operators, Television, Video, and Motion Picture	29-2055	Surgical Technologists
27-4032	Film and Video Editors	29-2056	Veterinary Technologists and Technicians
29-0000	Healthcare Practitioner and Technical Occupations	29-2061	Licensed Practical and Licensed Vocational Nurses
29-1011	Chiropractors	29-2071	Medical Records and Health Information Technicians
29-1020	Dentists	29-2081	Opticians, Dispensing
29-1021	Dentists, General	29-2090	Miscellaneous Health Technologists and Technicians
29-1022	Oral and Maxillofacial Surgeons	29-2091	Orthotists and Prosthetists
29-1023	Orthodontists	29-9010	Occupational Health and Safety Specialists and Technicians
29-1024	Prosthodontists	29-9011	Occupational Health and Safety Specialists
29-1031	Dietitians and Nutritionists	29-9012	Occupational Health and Safety Technicians
29-1041	Optometrists	29-9090	Miscellaneous Healthcare Practitioner and Technical Workers
29-1051	Pharmacists	29-9091	Athletic Trainers
29-1060	Physicians and Surgeons	31-0000	Healthcare Support Occupations
29-1061	Anesthesiologists	31-1010	Nursing, Psychiatric, and Home Health Aides
29-1062	Family and General Practitioners	31-1011	Home Health Aides
29-1063	Internists, General	31-1012	Nursing Aides, Orderlies, and Attendants
29-1064	Obstetricians and Gynecologists	31-1013	Psychiatric Aides
29-1065	Pediatricians, General	31-2010	Occupational Therapist Assistants and Aides
29-1066	Psychiatrists	31-2011	Occupational Therapist Assistants
29-1067	Surgeons	31-2012	Occupational Therapist Aides
29-1071	Physician Assistants		
29-1081	Podiatrists		
29-1111	Registered Nurses		
29-1120	Therapists		
29-1121	Audiologists		
29-1122	Occupational Therapists		

31-2020 Physical Therapist Assistants and Aides
 31-2021 Physical Therapist Assistants
 31-2022 Physical Therapist Aides
 31-9011 Massage Therapists
 31-9090 Miscellaneous Healthcare Support Occupations
 31-9091 Dental Assistants
 31-9092 Medical Assistants
 31-9093 Medical Equipment Preparers
 31-9094 Medical Transcriptionists
 31-9095 Pharmacy Aides
 31-9096 Veterinary Assistants and Laboratory Animal Caretakers

33-0000 Protective Service Occupations

33-1010 First-Line Supervisors/Managers, Law Enforcement Workers
 33-1011 First-Line Supervisors/Managers of Correctional Officers
 33-1012 First-Line Supervisors/Managers of Police and Detectives
 33-1021 First-Line Supervisors/Managers of Fire Fighting and Prevention Workers
 33-2011 Fire Fighters
 33-2020 Fire Inspectors
 33-2021 Fire Inspectors and Investigators
 33-2022 Forest Fire Inspectors and Prevention Specialists
 33-3010 Bailiffs, Correctional Officers, and Jailers
 33-3011 Bailiffs
 33-3012 Correctional Officers and Jailers
 33-3021 Detectives and Criminal Investigators
 33-3031 Fish and Game Wardens
 33-3041 Parking Enforcement Workers
 33-3050 Police Officers
 33-3051 Police and Sheriff's Patrol Officers
 33-3052 Transit and Railroad Police
 33-9011 Animal Control Workers
 33-9021 Private Detectives and Investigators
 33-9030 Security Guards and Gaming Surveillance Officers
 33-9031 Gaming Surveillance Officers and Gaming Investigators
 33-9032 Security Guards
 33-9090 Miscellaneous Protective Service Workers
 33-9091 Crossing Guards
 33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers

35-0000 Food Preparation and Serving Related Occupations

35-1010 First-Line Supervisors/Managers, Food Preparation and Serving Workers
 35-1011 Chefs and Head Cooks

35-1012 First-Line Supervisors/Managers of Food Preparation and Serving Workers
 35-2010 Cooks
 35-2011 Cooks, Fast Food
 35-2012 Cooks, Institution and Cafeteria
 35-2014 Cooks, Restaurant
 35-2015 Cooks, Short Order
 35-2021 Food Preparation Workers
 35-3011 Bartenders
 35-3020 Fast Food and Counter Workers
 35-3021 Combined Food Preparation and Serving Workers, Including Fast Food
 35-3022 Counter Attendants, Cafeteria, Food
 35-3031 Waiters and Waitresses
 35-3041 Food Servers, Nonrestaurant
 35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers
 35-9021 Dishwashers
 35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop

Note: NCS tables may include the special group Food Service, Tipped, combining Bartenders, Waiters and Waitresses, and Dining Room and Cafeteria Attendants and Bartender Helpers.

37-0000 Building and Grounds Cleaning and Maintenance Occupations

37-1010 First-Line Supervisors/Managers, Building and Grounds Cleaning and Maintenance Workers
 37-1011 First-Line Supervisors/Managers of Housekeeping and Janitorial Workers
 37-1012 First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers
 37-2010 Building Cleaning Workers
 37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners
 37-2012 Maids and Housekeeping Cleaners
 37-2021 Pest Control Workers
 37-3010 Grounds Maintenance Workers
 37-3011 Landscaping and Groundskeeping Workers
 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation
 37-3013 Tree Trimmers and Pruners

39-0000 Personal Care and Service Occupations

39-1010 First-Line Supervisors/Managers of Gaming Workers
 39-1011 Gaming Supervisors
 39-1012 Slot Key Persons
 39-1021 First-Line Supervisors/Managers of Personal Service Workers
 39-2011 Animal Trainers
 39-2021 Nonfarm Animal Caretakers

39-3010	Gaming Services Workers	41-1012	First-Line Supervisors/Managers of
39-3011	Gaming Dealers		Non-Retail Sales Workers
39-3012	Gaming and Sports Book Writers and	41-2000	Retail Sales Workers
	Runners	41-2010	Cashiers, All Workers
39-3021	Motion Picture Projectionists	41-2011	Cashiers
39-3031	Ushers, Lobby Attendants, and Ticket	41-2012	Gaming Change Persons and Booth Cashiers
	Takers	41-2020	Counter and Rental Clerks and Parts
39-3090	Miscellaneous Entertainment Attendants and		Salespersons
	Related Workers	41-2021	Counter and Rental Clerks
39-3091	Amusement and Recreation Attendants	41-2022	Parts Salespersons
39-3092	Costume Attendants	41-2031	Retail Salespersons
39-3093	Locker Room, Coatroom, and Dressing	41-3011	Advertising Sales Agents
	Room Attendants	41-3021	Insurance Sales Agents
39-4011	Embalmers	41-3031	Securities, Commodities, and Financial
39-4021	Funeral Attendants		Services Sales Agents
39-5010	Barbers and Cosmetologists	41-3041	Travel Agents
39-5011	Barbers	41-4010	Sales Representatives, Wholesale and
39-5012	Hairdressers, Hairstylists, and		Manufacturing
	Cosmetologists	41-4011	Sales Representatives, Wholesale and
39-5090	Miscellaneous Personal Appearance		Manufacturing, Technical and Scientific
	Workers		Products
39-5091	Makeup Artists, Theatrical and Performance	41-4012	Sales Representatives, Wholesale and
39-5092	Manicurists and Pedicurists		Manufacturing, Except Technical and
39-5093	Shampooers		Scientific Products
39-5094	Skin Care Specialists	41-9010	Models, Demonstrators, and Product
39-6010	Baggage Porters, Bellhops, and Concierges		Promoters
39-6011	Baggage Porters and Bellhops	41-9011	Demonstrators and Product Promoters
39-6012	Concierges	41-9012	Models
39-6020	Tour and Travel Guides	41-9020	Real Estate Brokers and Sales Agents
39-6021	Tour Guides and Escorts	41-9021	Real Estate Brokers
39-6022	Travel Guides	41-9022	Real Estate Sales Agents
39-6030	Transportation Attendants	41-9031	Sales Engineers
39-6031	Flight Attendants	41-9041	Telemarketers
39-6032	Transportation Attendants, Except Flight	41-9090	Miscellaneous Sales and Related Workers
	Attendants and Baggage Porters	41-9091	Door-To-Door Sales Workers, News and
			Street Vendors, and Related Workers
39-9011	Child Care Workers		
39-9021	Personal and Home Care Aides		
39-9030	Recreation and Fitness Workers	43-0000	Office and Administrative Support
39-9031	Fitness Trainers and Aerobics Instructors		Occupations
39-9032	Recreation Workers	43-1011	First-Line Supervisors/Managers of Office
39-9041	Residential Advisors		and Administrative Support Workers
		43-2011	Switchboard Operators, Including Answer-
41-0000	Sales and Related Occupations		ing Service
41-1010	First-Line Supervisors/Managers, Sales	43-2021	Telephone Operators
	Workers	43-3000	Financial Clerks
41-1011	First-Line Supervisors/Managers of Retail	43-3011	Bill and Account Collectors
	Sales Workers	43-3021	Billing and Posting Clerks and Machine
			Operators
		43-3031	Bookkeeping, Accounting, and Auditing
			Clerks
		43-3041	Gaming Cage Workers
		43-3051	Payroll and Timekeeping Clerks
		43-3061	Procurement Clerks

43-3071	Tellers		
43-4011	Brokerage Clerks	45-1011	Occupations
43-4021	Correspondence Clerks		First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers
43-4031	Court, Municipal, and License Clerks	45-2011	Agricultural Inspectors
43-4041	Credit Authorizers, Checkers, and Clerks	45-2021	Animal Breeders
43-4051	Customer Service Representatives	45-2041	Graders and Sorters, Agricultural Products
43-4061	Eligibility Interviewers, Government Programs	45-2090	Miscellaneous Agricultural Workers
43-4071	File Clerks	45-2091	Agricultural Equipment Operators
43-4081	Hotel, Motel, and Resort Desk Clerks	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
43-4111	Interviewers, Except Eligibility and Loan	45-2093	Farmworkers, Farm and Ranch Animals
43-4121	Library Assistants, Clerical	45-3011	Fishers and Related Fishing Workers
43-4131	Loan Interviewers and Clerks	45-3021	Hunters and Trappers
43-4141	New Accounts Clerks	45-4011	Forest and Conservation Workers
43-4151	Order Clerks	45-4020	Logging Workers
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	45-4021	Fallers
43-4171	Receptionists and Information Clerks	45-4022	Logging Equipment Operators
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	45-4023	Log Graders and Scalers
43-5011	Cargo and Freight Agents	47-0000	Construction and Extraction Occupations
43-5021	Couriers and Messengers	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
43-5030	Dispatchers	47-2011	Boilermakers
43-5031	Police, Fire, and Ambulance Dispatchers	47-2020	Brickmasons, Blockmasons, and Stonemasons
43-5032	Dispatchers, Except Police, Fire, and Ambulance	47-2021	Brickmasons and Blockmasons
43-5041	Meter Readers, Utilities	47-2022	Stonemasons
43-5061	Production, Planning, and Expediting Clerks	47-2031	Carpenters
43-5071	Shipping, Receiving, and Traffic Clerks	47-2040	Carpet, Floor, and Tile Installers and Finishers
43-5081	Stock Clerks and Order Fillers		Carpet Installers
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	47-2041	Floor Layers, Except Carpet, Wood, and Hard Tiles
43-6010	Secretaries and Administrative Assistants	47-2042	Floor Sanders and Finishers
43-6011	Executive Secretaries and Administrative Assistants	47-2043	Tile and Marble Setters
43-6012	Legal Secretaries	47-2044	Cement Masons, Concrete Finishers, and Terrazzo Workers
43-6013	Medical Secretaries	47-2050	Cement Masons and Concrete Finishers
43-6014	Secretaries, Except Legal, Medical, and Executive	47-2051	Terrazzo Workers and Finishers
43-9011	Computer Operators	47-2053	Construction Laborers
43-9020	Data Entry and Information Processing Workers	47-2061	Construction Equipment Operators
43-9021	Data Entry Keyers	47-2070	Paving, Surfacing, and Tamping Equipment Operators
43-9022	Word Processors and Typists	47-2071	Pile-Driver Operators
43-9031	Desktop Publishers	47-2072	Operating Engineers and Other Construction Equipment Operators
43-9041	Insurance Claims and Policy Processing Clerks	47-2073	Drywall Installers, Ceiling Tile Installers, and Tapers
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	47-2080	Drywall and Ceiling Tile Installers
43-9061	Office Clerks, General	47-2081	Tapers
43-9071	Office Machine Operators, Except Computer	47-2082	Electricians
43-9081	Proofreaders and Copy Markers	47-2111	Glaziers
43-9111	Statistical Assistants	47-2121	
45-0000	Farming, Fishing, and Forestry		

47-2130	Insulation Workers	49-0000	Installation, Maintenance, and Repair Occupations
47-2131	Insulation Workers, Floor, Ceiling, and Wall		
47-2132	Insulation Workers, Mechanical	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers
47-2140	Painters and Paperhangers		
47-2141	Painters, Construction and Maintenance	49-2011	Computer, Automated Teller, and Office Machine Repairers
47-2142	Paperhangers		
47-2150	Pipelayers, Plumbers, Pipefitters, and Steamfitters	49-2020	Radio and Telecommunications Equipment Installers and Repairers
47-2151	Pipelayers	49-2021	Radio Mechanics
47-2152	Plumbers, Pipefitters, and Steamfitters	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers
47-2161	Plasterers and Stucco Masons		
47-2171	Reinforcing Iron and Rebar Workers	49-2090	Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers
47-2181	Roofers		
47-2211	Sheet Metal Workers		
47-2221	Structural Iron and Steel Workers	49-2091	Avionics Technicians
47-3010	Helpers, Construction Trades	49-2092	Electric Motor, Power Tool, and Related Repairers
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment
47-3012	Helpers--Carpenters		
47-3013	Helpers--Electricians	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles
47-3016	Helpers--Roofers		
47-4011	Construction and Building Inspectors	49-2097	Electronic Home Entertainment Equipment Installers and Repairers
47-4021	Elevator Installers and Repairers		
47-4031	Fence Erectors	49-2098	Security and Fire Alarm Systems Installers
47-4041	Hazardous Materials Removal Workers	49-3011	Aircraft Mechanics and Service Technicians
47-4051	Highway Maintenance Workers	49-3020	Automotive Technicians and Repairers
47-4061	Rail-Track Laying and Maintenance Equipment Operators	49-3021	Automotive Body and Related Repairers
		49-3022	Automotive Glass Installers and Repairers
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	49-3023	Automotive Service Technicians and Mechanics
47-4090	Miscellaneous Construction and Related Workers	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists
47-4091	Segmental Pavers	49-3040	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics
47-5010	Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining	49-3041	Farm Equipment Mechanics
47-5011	Derrick Operators, Oil and Gas	49-3042	Mobile Heavy Equipment Mechanics, Except Engines
47-5012	Rotary Drill Operators, Oil and Gas		
47-5013	Service Unit Operators, Oil, Gas, and Mining	49-3043	Rail Car Repairers
		49-3050	Small Engine Mechanics
47-5021	Earth Drillers, Except Oil and Gas	49-3051	Motorboat Mechanics
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	49-3052	Motorcycle Mechanics
		49-3053	Outdoor Power Equipment and Other Small Engine Mechanics
47-5040	Mining Machine Operators		
47-5041	Continuous Mining Machine Operators	49-3090	Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
47-5042	Mine Cutting and Channeling Machine Operators		
47-5051	Rock Splitters, Quarry	49-3091	Bicycle Repairers
47-5061	Roof Bolters, Mining	49-3092	Recreational Vehicle Service Technicians
47-5071	Roustabouts, Oil and Gas	49-3093	Tire Repairers and Changers
47-5081	Helpers--Extraction Workers	49-9010	Control and Valve Installers and Repairers
		49-9011	Mechanical Door Repairers

49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	51-2093	Timing Device Assemblers, Adjusters, and Calibrators
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	51-3011	Bakers
49-9031	Home Appliance Repairers	51-3020	Butchers and Other Meat, Poultry, and Fish Processing Workers
49-9040	Industrial Machinery Installation, Repair, and Maintenance Workers	51-3021	Butchers and Meat Cutters
49-9041	Industrial Machinery Mechanics	51-3022	Meat, Poultry, and Fish Cutters and Trimmers
49-9042	Maintenance and Repair Workers, General	51-3023	Slaughterers and Meat Packers
49-9043	Maintenance Workers, Machinery	51-3090	Miscellaneous Food Processing Workers
49-9044	Millwrights	51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
49-9045	Refractory Materials Repairers, Except Brickmasons	51-3092	Food Batchmakers
49-9050	Line Installers and Repairers	51-3093	Food Cooking Machine Operators and Tenders
49-9051	Electrical Power-Line Installers and Repairers	51-4010	Computer Control Programmers and Operators
49-9052	Telecommunications Line Installers and Repairers	51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
49-9060	Precision Instrument and Equipment Repairers	51-4012	Numerical Tool and Process Control Programmers
49-9061	Camera and Photographic Equipment Repairers	51-4020	Forming Machine Setters, Operators, and Tenders, Metal and Plastic
49-9062	Medical Equipment Repairers	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
49-9063	Musical Instrument Repairers and Tuners	51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
49-9064	Watch Repairers	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
49-9090	Miscellaneous Installation, Maintenance, and Repair Workers	51-4030	Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
49-9092	Commercial Divers	51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9093	Fabric Menders, Except Garment	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9094	Locksmiths and Safe Repairers	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-9095	Manufactured Building and Mobile Home Installers	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
49-9096	Riggers	51-4041	Machinists
49-9097	Signal and Track Switch Repairers	51-4050	Metal Furnace and Kiln Operators and Tenders
49-9098	Helpers--Installation, Maintenance, and Repair Workers	51-4051	Metal-Refining Furnace Operators and Tenders
51-0000	Production Occupations	51-4052	Pourers and Casters, Metal
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	51-4060	Model Makers and Patternmakers, Metal and Plastic
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-4061	Model Makers, Metal and Plastic
51-2020	Electrical, Electronics, and Electromechanical Assemblers	51-4062	Patternmakers, Metal and Plastic
51-2021	Coil Winders, Tapers, and Finishers	51-4070	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic
51-2022	Electrical and Electronic Equipment Assemblers		
51-2023	Electromechanical Equipment Assemblers		
51-2031	Engine and Other Machine Assemblers		
51-2041	Structural Metal Fabricators and Fitters		
51-2090	Miscellaneous Assemblers and Fabricators		
51-2091	Fiberglass Laminators and Fabricators		
51-2092	Team Assemblers		

51-4071	Foundry Mold and Coremakers	51-7021	Furniture Finishers
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-7030	Model Makers and Patternmakers, Wood
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-7031	Model Makers, Wood
51-4111	Tool and Die Makers	51-7032	Patternmakers, Wood
51-4120	Welding, Soldering, and Brazing Workers	51-7040	Woodworking Machine Setters, Operators, and Tenders
51-4121	Welders, Cutters, Solderers, and Brazers	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-4190	Miscellaneous Metalworkers and Plastic Workers	51-8010	Power Plant Operators, Distributors, and Dispatchers
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-8011	Nuclear Power Reactor Operators
51-4192	Lay-Out Workers, Metal and Plastic	51-8012	Power Distributors and Dispatchers
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51-8013	Power Plant Operators
51-4194	Tool Grinders, Filers, and Sharpeners	51-8021	Stationary Engineers and Boiler Operators
51-5010	Bookbinders and Bindery Workers	51-8031	Water and Liquid Waste Treatment Plant and System Operators
51-5011	Bindery Workers	51-8090	Miscellaneous Plant and System Operators
51-5012	Bookbinders	51-8091	Chemical Plant and System Operators
51-5020	Printers	51-8092	Gas Plant Operators
51-5021	Job Printers	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers
51-5022	Prepress Technicians and Workers	51-9010	Chemical Processing Machine Setters, Operators, and Tenders
51-5023	Printing Machine Operators	51-9011	Chemical Equipment Operators and Tenders
51-6011	Laundry and Dry-Cleaning Workers	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-6021	Pressers, Textile, Garment, and Related Materials	51-9020	Crushing, Grinding, Polishing, Mixing, and Blending Workers
51-6031	Sewing Machine Operators	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-6040	Shoe and Leather Workers	51-9022	Grinding and Polishing Workers, Hand
51-6041	Shoe and Leather Workers and Repairers	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-6042	Shoe Machine Operators and Tenders	51-9030	Cutting Workers
51-6050	Tailors, Dressmakers, and Sewers	51-9031	Cutters and Trimmers, Hand
51-6051	Sewers, Hand	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-6052	Tailors, Dressmakers, and Custom Sewers	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-6060	Textile Machine Setters, Operators, and Tenders	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	51-9071	Jewelers and Precious Stone and Metal Workers
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-9080	Medical, Dental, and Ophthalmic Laboratory Technicians
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-9081	Dental Laboratory Technicians
51-6090	Miscellaneous Textile, Apparel, and Furnishings Workers	51-9082	Medical Appliance Technicians
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	51-9083	Ophthalmic Laboratory Technicians
51-6092	Fabric and Apparel Patternmakers		
51-6093	Upholsterers		
51-7011	Cabinetmakers and Bench Carpenters		

51-9111	Packaging and Filling Machine Operators and Tenders	53-3030	Driver/Sales Workers and Truck Drivers
51-9120	Painting Workers	53-3031	Driver/Sales Workers
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	53-3032	Truck Drivers, Heavy and Tractor-Trailer
51-9122	Painters, Transportation Equipment	53-3033	Truck Drivers, Light or Delivery Services
51-9123	Painting, Coating, and Decorating Workers	53-3041	Taxi Drivers and Chauffeurs
51-9130	Photographic Process Workers and Processing Machine Operators	53-4010	Locomotive Engineers and Operators
51-9131	Photographic Process Workers	53-4011	Locomotive Engineers
51-9132	Photographic Processing Machine Operators	53-4012	Locomotive Firers
51-9141	Semiconductor Processors	53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers
51-9190	Miscellaneous Production Workers	53-4021	Railroad Brake, Signal, and Switch Operators
51-9191	Cementing and Gluing Machine Operators and Tenders	53-4031	Railroad Conductors and Yardmasters
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	53-4041	Subway and Streetcar Operators
51-9193	Cooling and Freezing Equipment Operators and Tenders	53-5011	Sailors and Marine Oilers
51-9194	Etchers and Engravers	53-5020	Ship and Boat Captains and Operators
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	53-5021	Captains, Mates, and Pilots of Water Vessels
51-9196	Paper Goods Machine Setters, Operators, and Tenders	53-5022	Motorboat Operators
51-9197	Tire Builders	53-5031	Ship Engineers
51-9198	Helpers--Production Workers	53-6011	Bridge and Lock Tenders
53-0000	Transportation and Material Moving Occupations	53-6021	Parking Lot Attendants
53-1011	Aircraft Cargo Handling Supervisors	53-6031	Service Station Attendants
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	53-6041	Traffic Technicians
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	53-6051	Transportation Inspectors
53-2010	Aircraft Pilots and Flight Engineers	53-7011	Conveyor Operators and Tenders
53-2011	Airline Pilots, Copilots, and Flight Engineers	53-7021	Crane and Tower Operators
53-2012	Commercial Pilots	53-7030	Dredge, Excavating, and Loading Machine Operators
53-2020	Air Traffic Controllers and Airfield Operations Specialists	53-7031	Dredge Operators
53-2021	Air Traffic Controllers	53-7032	Excavating and Loading Machine and Dragline Operators
53-2022	Airfield Operations Specialists	53-7033	Loading Machine Operators, Underground Mining
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-7041	Hoist and Winch Operators
53-3020	Bus Drivers	53-7051	Industrial Truck and Tractor Operators
53-3021	Bus Drivers, Transit and Intercity	53-7060	Laborers and Material Movers, Hand
53-3022	Bus Drivers, School	53-7061	Cleaners of Vehicles and Equipment
		53-7062	Laborers and Freight, Stock, and Material Movers, Hand
		53-7063	Machine Feeders and Offbearers
		53-7064	Packers and Packagers, Hand
		53-7070	Pumping Station Operators
		53-7071	Gas Compressor and Gas Pumping Station Operators
		53-7072	Pump Operators, Except Wellhead Pumpers
		53-7073	Wellhead Pumpers
		53-7081	Refuse and Recyclable Material Collectors
		53-7111	Shuttle Car Operators
		53-7121	Tank Car, Truck, and Ship Loaders