

Boston–Worcester–Manchester, MA–NH National Compensation Survey October 2009



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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 2009 and April 2010; the average reference month is October 2009. 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.

Changes to the publications

The NCS is in its third year of a six-year transition from a sample of areas based on the U.S. Office of Management and Budget (OMB) December 1993 area definitions to a new sample of areas based on the December 2003 area definitions. The NCS is phasing in new metropolitan and micropolitan areas as defined by OMB and county clusters defined specifically by BLS; at the same time, some areas under the December 1993 OMB definitions are being phased out of the sample.

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 establishment 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 2009

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	\$26.40	1.9	33.9	\$25.91	2.2	33.9	\$30.47	2.7	33.8
Worker characteristics^{4,5}									
Management, professional, and related	38.32	2.6	36.7	38.43	3.0	37.2	37.56	2.5	33.8
Management, business, and financial	41.91	3.6	39.3	42.12	3.9	39.6	39.71	4.9	36.7
Professional and related	36.47	2.3	35.5	36.37	2.7	36.0	36.98	2.4	33.1
Service	14.24	1.8	28.6	12.49	2.1	27.8	24.07	2.1	34.4
Sales and office	19.26	1.7	32.3	19.16	1.8	32.5	20.87	6.3	29.8
Sales and related	19.92	3.8	30.5	20.05	3.8	30.7	—	—	—
Office and administrative support	18.84	1.6	33.6	18.53	1.7	33.9	21.96	3.1	31.1
Natural resources, construction, and maintenance	26.93	6.3	38.5	27.04	6.9	38.4	25.79	3.2	39.6
Construction and extraction	28.03	9.3	38.1	28.09	10.3	38.0	27.47	5.9	39.5
Installation, maintenance, and repair	25.64	6.3	39.1	25.87	6.7	39.1	23.04	6.5	39.7
Production, transportation, and material moving	16.68	5.4	34.9	16.48	5.7	34.9	20.95	7.3	36.8
Production	16.86	7.9	38.7	16.82	8.0	38.6	—	—	—
Transportation and material moving	16.54	5.5	32.5	16.20	6.0	32.3	21.12	7.9	36.4
Full time	28.33	2.2	39.1	27.93	2.5	39.3	31.30	2.6	37.5
Part time	14.73	2.8	18.7	14.47	2.9	19.0	19.43	8.9	14.5
Union	28.85	1.9	34.1	26.29	3.3	32.4	31.83	2.6	36.4
Nonunion	25.92	2.3	33.8	25.87	2.4	34.1	27.23	7.3	28.9
Time	26.35	2.0	33.7	25.83	2.3	33.7	30.47	2.7	33.8
Incentive	27.89	15.1	39.1	27.89	15.1	39.1	—	—	—
Establishment characteristics									
Goods producing	(⁶)	(⁶)	(⁶)	27.73	3.8	39.5	(⁶)	(⁶)	(⁶)
Service providing	(⁶)	(⁶)	(⁶)	25.55	2.5	32.9	(⁶)	(⁶)	(⁶)
1-99 workers	21.85	4.2	32.9	21.72	4.4	33.1	24.68	6.1	29.2
100-499 workers	26.34	3.2	34.2	25.62	3.7	33.9	30.62	3.9	35.7
500 workers or more	34.29	3.6	35.4	34.64	4.2	35.6	32.71	3.5	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 2009**

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	\$26.40	1.9	\$28.33	2.2	\$14.73	2.8
Management occupations	47.20	4.1	47.16	4.1	—	—
Level 7	23.26	9.6	23.26	9.6	—	—
Level 8	27.65	10.0	27.65	10.0	—	—
Level 9	32.85	6.7	32.85	6.7	—	—
Level 10	34.62	5.8	34.62	5.8	—	—
Level 11	46.38	2.0	46.38	2.0	—	—
Level 12	65.14	7.3	65.19	7.1	—	—
Level 13	74.50	10.2	74.50	10.2	—	—
Not able to be leveled	50.79	5.1	50.92	5.1	—	—
General and operations managers	49.41	13.8	49.41	13.8	—	—
Level 9	33.73	10.2	33.73	10.2	—	—
Not able to be leveled	56.45	22.1	56.45	22.1	—	—
Marketing and sales managers	54.42	9.2	54.42	9.2	—	—
Level 9	38.70	18.4	38.70	18.4	—	—
Level 11	47.69	5.3	47.69	5.3	—	—
Not able to be leveled	51.28	14.7	51.28	14.7	—	—
Marketing managers	56.62	15.6	56.62	15.6	—	—
Not able to be leveled	43.40	7.4	43.40	7.4	—	—
Sales managers	50.89	12.4	50.89	12.4	—	—
Computer and information systems managers	53.30	8.0	53.30	8.0	—	—
Level 12	56.15	3.7	56.15	3.7	—	—
Financial managers	55.56	5.8	55.56	5.8	—	—
Level 11	49.09	7.6	49.09	7.6	—	—
Level 12	64.84	7.1	64.84	7.1	—	—
Not able to be leveled	59.48	6.1	59.48	6.1	—	—
Human resources managers	48.23	8.6	48.23	8.6	—	—
Compensation and benefits managers	48.49	19.1	48.49	19.1	—	—
Industrial production managers	46.29	13.0	46.29	13.0	—	—
Construction managers	31.37	5.4	31.37	5.4	—	—
Education administrators	45.05	7.2	45.21	7.4	—	—
Level 11	53.30	5.3	53.30	5.3	—	—
Not able to be leveled	45.76	8.0	46.61	8.8	—	—
Education administrators, elementary and secondary school	55.17	10.1	55.17	10.1	—	—
Education administrators, postsecondary	44.23	6.4	44.45	6.8	—	—
Engineering managers	53.55	7.1	53.55	7.1	—	—
Medical and health services managers	37.23	4.8	35.20	4.4	—	—
Social and community service managers	31.52	9.5	31.52	9.5	—	—
Business and financial operations occupations	33.34	3.5	33.28	3.4	35.37	14.9
Level 6	21.48	7.6	21.11	8.0	—	—
Level 7	24.02	4.1	24.28	4.0	—	—
Level 8	28.84	3.7	28.84	3.7	—	—
Level 9	30.78	5.2	30.58	5.4	—	—
Level 10	36.37	6.9	36.37	6.9	—	—
Level 11	46.04	9.6	45.17	11.1	—	—
Level 12	57.32	13.5	57.32	13.5	—	—
Not able to be leveled	36.65	8.1	36.65	8.1	—	—
Buyers and purchasing agents	26.65	13.1	26.36	13.6	—	—
Wholesale and retail buyers, except farm products	23.69	24.0	23.69	24.0	—	—
Purchasing agents, except wholesale, retail, and farm products	28.75	12.8	28.37	13.8	—	—
Claims adjusters, appraisers, examiners, and investigators	29.99	9.5	29.18	11.4	—	—
Claims adjusters, examiners, and investigators	29.98	10.5	29.05	12.9	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	23.38	10.0	22.77	11.6	—	—
Human resources, training, and labor relations specialists	31.55	7.1	31.55	7.1	—	—
Level 9	28.62	7.6	28.62	7.6	—	—
Not able to be leveled	38.23	7.9	38.23	7.9	—	—
Compensation, benefits, and job analysis specialists ..	31.04	9.6	31.04	9.6	—	—
Training and development specialists	34.89	4.9	34.89	4.9	—	—
Management analysts	44.30	13.7	44.30	13.7	—	—
Accountants and auditors	29.16	6.3	28.71	6.6	—	—

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 2009** — 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						
Accountants and auditors —Continued						
Level 8	\$30.50	3.0	\$30.50	3.0	—	—
Level 9	34.20	6.7	34.20	6.7	—	—
Financial analysts and advisors	42.37	9.3	43.09	9.5	—	—
Not able to be leveled	52.01	11.1	52.01	11.1	—	—
Financial analysts	46.45	13.3	46.45	13.3	—	—
Not able to be leveled	60.14	22.0	60.14	22.0	—	—
Computer and mathematical science occupations						
Level 6	20.71	3.9	20.71	3.9	—	—
Level 7	26.72	5.0	26.72	5.0	—	—
Level 8	32.58	16.2	32.58	16.2	—	—
Level 9	38.65	1.9	38.65	1.9	—	—
Level 10	43.59	2.6	43.59	2.6	—	—
Level 11	50.44	1.8	50.44	1.8	—	—
Level 12	61.13	10.4	61.13	10.4	—	—
Not able to be leveled	37.81	3.1	37.81	3.1	—	—
Computer programmers	32.27	8.9	32.27	8.9	—	—
Computer software engineers	48.82	5.8	48.82	5.8	—	—
Level 9	36.61	5.7	36.61	5.7	—	—
Level 10	45.17	2.3	45.17	2.3	—	—
Level 11	51.34	4.8	51.34	4.8	—	—
Level 12	62.59	13.3	62.59	13.3	—	—
Not able to be leveled	40.09	5.9	40.09	5.9	—	—
Computer software engineers, applications	50.69	11.0	50.69	11.0	—	—
Computer software engineers, systems software	47.53	7.4	47.53	7.4	—	—
Level 10	44.89	2.0	44.89	2.0	—	—
Level 11	52.75	8.3	52.75	8.3	—	—
Computer support specialists	35.48	9.0	35.48	9.0	—	—
Level 7	24.76	6.0	24.76	6.0	—	—
Level 9	39.74	7.5	39.74	7.5	—	—
Computer systems analysts	41.46	3.1	41.46	3.1	—	—
Not able to be leveled	39.41	6.6	39.41	6.6	—	—
Network and computer systems administrators	40.21	14.2	40.21	14.2	—	—
Level 11	50.06	3.2	50.06	3.2	—	—
Network systems and data communications analysts	36.27	5.2	36.27	5.2	—	—
Architecture and engineering occupations						
Level 7	28.28	3.3	28.28	3.3	—	—
Level 8	33.99	5.1	33.99	5.1	—	—
Level 9	37.70	6.0	36.05	4.1	—	—
Level 10	44.50	6.0	44.50	6.0	—	—
Level 11	44.07	4.5	44.07	4.5	—	—
Level 12	54.49	5.9	55.85	8.3	—	—
Not able to be leveled	49.39	14.6	49.39	14.6	—	—
Architects, except naval	31.21	10.5	—	—	—	—
Architects, except landscape and naval	32.16	13.5	—	—	—	—
Engineers	45.00	2.4	44.80	2.7	—	—
Level 8	34.64	6.8	34.64	6.8	—	—
Level 9	35.21	4.6	35.21	4.6	—	—
Level 10	44.50	6.0	44.50	6.0	—	—
Level 11	48.44	2.5	48.44	2.5	—	—
Level 12	54.49	5.9	55.85	8.3	—	—
Not able to be leveled	55.98	10.2	55.98	10.2	—	—
Electrical and electronics engineers	43.98	3.6	43.98	3.6	—	—
Level 11	48.42	3.5	48.42	3.5	—	—
Not able to be leveled	41.19	7.5	41.19	7.5	—	—
Electrical engineers	42.87	4.6	42.87	4.6	—	—
Electronics engineers, except computer	44.36	5.5	44.36	5.5	—	—
Level 11	48.78	4.3	48.78	4.3	—	—
Industrial engineers, including health and safety	37.94	4.2	37.94	4.2	—	—
Industrial engineers	38.78	3.7	38.78	3.7	—	—
Mechanical engineers	40.37	1.1	40.37	1.1	—	—
Engineering technicians, except drafters	26.02	3.9	26.02	3.9	—	—

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 2009** — 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)
Architecture and engineering occupations –Continued						
Engineering technicians, except drafters –Continued						
Level 7	\$28.33	9.9	\$28.33	9.9	–	–
Electrical and electronic engineering technicians	26.47	6.8	26.47	6.8	–	–
Life, physical, and social science occupations						
Level 7	34.43	8.9	34.48	9.0	–	–
Level 9	26.00	3.8	26.00	3.8	–	–
Level 11	28.96	19.3	28.82	19.7	–	–
Not able to be leveled	33.73	9.4	33.73	9.4	–	–
Level 9	31.99	9.0	32.22	9.7	–	–
Life scientists	31.64	22.4	31.64	22.4	–	–
Level 9	26.33	25.3	26.33	25.3	–	–
Biological scientists	43.24	11.1	43.24	11.1	–	–
Biochemists and biophysicists	45.04	12.2	45.04	12.2	–	–
Physical scientists	32.81	21.8	32.81	21.8	–	–
Market and survey researchers	51.59	26.4	51.59	26.4	–	–
Market research analysts	51.59	26.4	51.59	26.4	–	–
Psychologists	27.53	7.4	–	–	–	–
Community and social services occupations						
Level 7	23.76	5.7	23.95	6.2	\$21.99	10.3
Level 9	20.31	5.3	20.27	7.3	–	–
Level 11	31.89	7.5	32.22	7.8	–	–
Counselors	25.72	15.6	25.74	16.5	–	–
Level 9	33.70	11.6	34.22	11.8	–	–
Educational, vocational, and school counselors	38.55	13.4	40.42	12.5	–	–
Level 9	40.19	16.5	42.26	15.1	–	–
Social workers	25.40	9.2	25.26	9.6	–	–
Level 7	21.16	6.7	20.72	6.8	–	–
Level 9	32.65	10.1	33.02	10.6	–	–
Child, family, and school social workers	25.72	20.9	25.72	20.9	–	–
Miscellaneous community and social service specialists	17.56	7.4	16.85	8.6	–	–
Social and human service assistants	15.93	8.3	–	–	–	–
Legal occupations						
Lawyers	48.48	14.3	51.05	16.5	–	–
Lawyers	74.12	10.9	74.12	10.9	–	–
Education, training, and library occupations						
Level 3	36.28	3.4	37.46	3.4	23.67	11.0
Level 4	13.36	6.1	–	–	–	–
Level 6	14.11	12.6	14.28	13.0	12.55	19.7
Level 7	15.98	10.5	–	–	15.68	17.8
Level 8	21.28	25.4	20.25	19.7	–	–
Level 9	42.10	10.3	42.11	10.4	–	–
Level 10	41.24	4.9	41.33	5.2	39.01	4.6
Level 11	40.59	3.6	39.45	2.5	–	–
Level 12	49.05	5.5	49.16	5.5	–	–
Level 13	54.62	8.7	54.62	8.7	–	–
Not able to be leveled	79.74	20.0	79.74	20.0	–	–
Level 9	39.31	9.5	42.18	8.4	20.11	23.3
Level 10	50.97	3.7	51.85	3.9	36.68	14.0
Level 11	45.22	7.7	47.61	8.6	–	–
Level 12	39.69	2.5	39.45	2.5	–	–
Level 13	48.01	6.4	48.11	6.4	–	–
Not able to be leveled	54.62	8.7	54.62	8.7	–	–
Level 13	79.74	20.0	79.74	20.0	–	–
Not able to be leveled	49.95	8.9	50.43	8.2	–	–
Life sciences teachers, postsecondary	50.39	17.3	–	–	–	–
Biological science teachers, postsecondary	50.39	17.3	–	–	–	–
Physical sciences teachers, postsecondary	62.27	4.2	62.27	4.2	–	–
Social sciences teachers, postsecondary	48.45	4.3	–	–	–	–
Arts, communications, and humanities teachers, postsecondary	46.31	12.5	47.02	10.1	–	–
Miscellaneous postsecondary teachers	45.78	6.6	47.20	6.2	35.19	11.7
Primary, secondary, and special education school teachers	37.85	3.6	38.79	3.1	21.88	23.2
Level 6	14.48	7.3	–	–	–	–
Level 8	49.98	5.5	49.98	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 2009** — 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						
Primary, secondary, and special education school teachers –Continued						
Level 9	\$43.24	4.4	\$43.22	4.4	–	–
Not able to be leveled	37.62	3.3	42.40	9.5	–	–
Preschool and kindergarten teachers	18.67	18.6	18.25	15.0	–	–
Preschool teachers, except special education	17.45	19.6	16.90	15.7	–	–
Elementary and middle school teachers	44.57	2.2	45.33	2.0	\$24.37	23.3
Level 9	45.70	2.7	45.68	2.8	–	–
Elementary school teachers, except special education	44.66	3.0	45.69	2.7	24.37	23.3
Level 9	46.24	3.4	46.22	3.5	–	–
Middle school teachers, except special and vocational education	44.27	1.7	44.27	1.7	–	–
Level 9	44.15	1.3	44.15	1.3	–	–
Secondary school teachers	42.00	1.8	44.06	1.6	–	–
Level 9	43.62	1.4	43.62	1.4	–	–
Secondary school teachers, except special and vocational education	42.00	1.8	44.06	1.6	–	–
Level 9	43.62	1.4	43.62	1.4	–	–
Special education teachers	46.40	.0	46.63	.6	–	–
Level 9	44.44	4.4	44.52	4.8	–	–
Special education teachers, preschool, kindergarten, and elementary school	47.38	4.9	47.83	6.9	–	–
Level 9	44.79	.7	–	–	–	–
Other teachers and instructors	25.43	10.9	23.88	19.2	29.34	18.4
Level 9	26.74	24.7	–	–	–	–
Self-enrichment education teachers	25.06	21.4	–	–	–	–
Librarians	27.60	17.7	–	–	–	–
Teacher assistants	14.71	10.2	14.86	11.4	13.94	10.4
Level 3	14.55	1.3	–	–	–	–
Level 4	14.11	12.6	14.28	13.0	12.55	19.7
Not able to be leveled	17.15	9.8	–	–	–	–
Arts, design, entertainment, sports, and media occupations	27.72	7.0	28.10	7.2	16.34	22.5
Not able to be leveled	28.58	12.3	28.81	12.9	–	–
Designers	26.80	9.7	28.36	6.4	–	–
Athletes, coaches, umpires, and related workers	30.35	14.3	–	–	–	–
Not able to be leveled	30.35	14.3	–	–	–	–
Coaches and scouts	30.35	14.3	–	–	–	–
Not able to be leveled	30.35	14.3	–	–	–	–
Writers and editors	39.83	6.4	40.31	7.9	–	–
Editors	37.90	6.9	38.42	8.5	–	–
Healthcare practitioner and technical occupations	34.30	5.1	34.00	6.8	35.47	3.8
Level 4	16.92	7.5	16.65	10.5	–	–
Level 5	18.55	10.3	18.15	10.5	–	–
Level 6	26.71	5.1	26.42	4.9	–	–
Level 7	27.51	7.8	28.01	6.0	26.07	16.6
Level 8	32.94	9.2	30.78	10.2	44.63	2.7
Level 9	40.38	4.9	38.07	5.5	44.25	3.7
Level 10	35.36	3.5	35.36	3.5	–	–
Level 11	55.26	5.1	55.42	5.1	–	–
Not able to be leveled	35.93	14.0	37.64	15.3	–	–
Physicians and surgeons	65.22	21.4	64.44	21.3	–	–
Not able to be leveled	58.98	19.4	58.98	19.4	–	–
Registered nurses	40.07	4.4	38.79	4.7	44.39	3.5
Level 7	32.23	3.7	31.34	4.6	35.29	6.9
Level 8	37.25	4.1	–	–	48.37	6.9
Level 9	40.88	4.1	38.93	4.7	44.68	2.9
Therapists	32.03	17.5	36.77	3.1	–	–
Physical therapists	37.11	2.6	–	–	–	–
Clinical laboratory technologists and technicians	23.44	8.6	22.20	11.0	28.54	4.1
Medical and clinical laboratory technologists	25.21	16.9	23.43	20.7	–	–
Medical and clinical laboratory technicians	20.52	6.7	20.21	10.3	–	–

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 2009** — 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						
Emergency medical technicians and paramedics	\$18.12	8.6	\$17.70	11.2	—	—
Health diagnosing and treating practitioner support technicians	16.83	14.1	15.65	10.9	—	—
Licensed practical and licensed vocational nurses	24.28	5.2	24.83	4.8	—	—
Medical records and health information technicians	15.42	4.1	15.55	4.4	—	—
Healthcare support occupations	14.75	4.7	14.80	4.0	\$14.56	9.9
Level 2	12.86	2.5	—	—	—	—
Level 3	13.34	3.7	13.45	2.7	13.02	9.2
Level 4	14.76	6.1	14.73	7.0	14.89	11.2
Level 5	20.20	12.6	—	—	—	—
Nursing, psychiatric, and home health aides	13.00	4.2	13.11	4.5	12.41	6.1
Level 2	12.91	2.7	—	—	—	—
Level 3	13.32	2.8	13.26	3.6	13.57	5.6
Level 4	12.66	7.5	12.88	7.9	10.84	9.8
Home health aides	11.31	5.5	11.48	4.8	—	—
Level 4	11.07	5.8	—	—	—	—
Nursing aides, orderlies, and attendants	14.30	5.4	14.63	4.4	13.02	3.4
Level 2	12.98	3.0	—	—	—	—
Level 3	13.83	4.0	14.02	3.4	13.23	4.1
Level 4	16.09	6.5	16.48	4.9	—	—
Miscellaneous healthcare support occupations	17.50	4.2	18.69	1.8	15.22	10.0
Level 3	13.44	15.1	—	—	12.40	18.4
Level 4	18.28	7.9	18.69	8.8	17.35	7.5
Level 5	18.34	8.8	—	—	—	—
Medical assistants	17.44	2.0	18.40	2.1	15.60	3.3
Level 4	15.56	3.6	—	—	—	—
Protective service occupations	22.68	8.5	23.32	9.8	16.45	21.2
Level 4	12.09	8.9	—	—	—	—
Level 6	26.42	2.0	25.74	3.2	—	—
Level 7	28.65	2.0	28.74	1.9	—	—
Not able to be leveled	19.37	12.3	24.48	15.6	—	—
Fire fighters	25.08	3.1	25.41	1.5	—	—
Bailiffs, correctional officers, and jailers	27.76	1.1	27.82	.9	—	—
Level 7	29.21	3.8	29.39	3.7	—	—
Police officers	28.59	7.8	27.79	5.2	—	—
Level 6	27.74	3.8	25.91	5.0	—	—
Level 7	29.88	3.3	29.88	3.3	—	—
Police and sheriff's patrol officers	28.59	7.8	27.79	5.2	—	—
Level 6	27.74	3.8	25.91	5.0	—	—
Level 7	29.88	3.3	29.88	3.3	—	—
Security guards and gaming surveillance officers	15.91	8.4	17.81	10.9	12.82	9.9
Security guards	15.91	8.4	17.81	10.9	12.82	9.9
Miscellaneous protective service workers	15.12	13.8	—	—	—	—
Food preparation and serving related occupations	10.11	4.9	11.80	4.5	8.12	3.2
Level 1	8.26	1.6	7.77	12.0	8.49	3.9
Level 2	8.83	6.9	9.97	1.2	7.73	10.9
Level 3	10.30	5.5	11.66	11.7	8.06	11.0
Level 4	14.52	4.6	14.49	4.5	—	—
First-line supervisors/managers, food preparation and serving workers	22.00	15.9	22.00	15.9	—	—
First-line supervisors/managers of food preparation and serving workers	18.14	3.5	18.14	3.5	—	—
Cooks	12.44	2.2	12.37	2.6	12.86	3.1
Level 3	12.09	7.3	11.99	10.0	—	—
Level 4	13.45	6.3	13.30	6.2	—	—
Cooks, institution and cafeteria	12.43	7.6	12.20	7.0	—	—
Cooks, restaurant	12.27	2.5	12.16	3.7	—	—
Level 3	11.26	8.6	—	—	—	—
Food preparation workers	12.57	6.7	—	—	—	—
Level 2	13.20	9.5	—	—	—	—
Food service, tipped	5.93	3.2	6.88	9.4	5.63	2.3

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 2009** — 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						
Food service, tipped –Continued						
Level 1	\$6.42	20.4	–	–	\$6.90	11.2
Level 2	5.77	17.8	–	–	5.20	27.4
Level 3	5.97	11.7	–	–	5.35	26.3
Bartenders	6.52	3.3	–	–	6.72	3.3
Waiters and waitresses	4.14	14.7	–	–	3.54	7.0
Level 2	3.34	20.2	–	–	3.50	22.1
Level 3	5.22	11.3	–	–	–	–
Dining room and cafeteria attendants and bartender helpers						
Level 1	8.90	4.4	–	–	8.40	10.6
Level 2	7.97	4.7	–	–	8.10	9.5
Fast food and counter workers	9.33	1.2	\$9.84	2.2	8.79	2.5
Level 1	8.67	10.4	–	–	–	–
Level 2	9.16	1.8	9.71	1.8	8.40	2.5
Combined food preparation and serving workers, including fast food						
Level 2	9.69	4.1	10.60	9.4	8.71	4.0
Level 3	9.27	3.6	–	–	8.60	7.5
Counter attendants, cafeteria, food concession, and coffee shop						
Level 2	9.07	2.1	9.28	3.2	8.85	7.0
Level 3	9.05	2.2	9.62	3.0	–	–
Dishwashers	9.41	1.3	9.59	3.9	–	–
Level 1	9.41	1.3	9.59	3.9	–	–
Building and grounds cleaning and maintenance occupations						
Level 1	14.21	2.2	14.88	3.3	12.13	3.1
Level 2	12.14	6.1	11.98	8.8	12.49	.9
Level 3	12.56	4.3	13.12	5.9	11.51	4.6
Level 3	15.27	5.7	15.20	6.0	–	–
Not able to be leveled	15.67	7.9	15.83	7.8	–	–
Building cleaning workers						
Level 1	13.35	4.1	13.82	5.9	12.16	3.1
Level 2	12.07	6.9	11.85	10.2	12.49	.9
Level 3	12.71	4.3	13.40	6.0	11.51	4.6
Level 3	16.15	4.9	15.94	5.2	–	–
Not able to be leveled	14.76	11.6	14.91	12.1	–	–
Janitors and cleaners, except maids and housekeeping cleaners						
Level 1	14.29	2.2	15.19	3.4	12.26	3.6
Level 2	13.35	2.1	14.13	2.8	12.54	1.0
Level 3	13.27	4.7	14.24	5.4	11.48	5.9
Level 3	16.15	4.9	15.94	5.2	–	–
Maids and housekeeping cleaners						
Level 1	10.20	6.3	9.80	5.8	11.67	2.4
Level 2	9.38	6.9	9.20	6.1	–	–
Level 3	10.93	3.5	–	–	–	–
Grounds maintenance workers						
Landscaping and groundskeeping workers	17.89	13.3	18.12	13.5	–	–
Landscaping and groundskeeping workers	17.38	15.2	17.61	15.5	–	–
Personal care and service occupations						
Level 1	14.55	4.7	17.88	5.7	10.42	6.3
Level 2	8.69	3.8	–	–	–	–
Level 3	9.81	5.3	–	–	9.35	5.8
Level 3	10.16	4.0	–	–	10.16	4.6
Level 4	12.81	13.2	13.50	15.7	10.54	7.7
Level 6	32.64	18.8	–	–	–	–
Transportation attendants						
Child care workers	35.11	8.5	–	–	–	–
Level 2	10.60	5.5	–	–	9.45	4.8
Level 3	9.25	1.6	–	–	9.07	3.0
Level 3	9.71	6.0	–	–	–	–
Recreation and fitness workers						
Level 4	12.57	8.1	–	–	12.38	11.3
Level 4	12.61	8.7	–	–	–	–
Fitness trainers and aerobics instructors						
Recreation workers	12.29	12.5	–	–	12.29	12.5
Recreation workers	13.03	11.7	–	–	–	–
Sales and related occupations						
Level 1	19.92	3.8	23.95	4.0	10.31	3.4
Level 2	8.87	1.0	–	–	8.83	1.5
Level 3	9.71	3.0	11.05	7.8	9.44	2.7
Level 3	13.95	5.4	14.70	6.8	10.96	2.0

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 2009** — 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						
Level 4	\$17.51	4.1	\$18.44	4.6	\$12.93	7.9
Level 5	18.92	5.7	18.99	5.9	—	—
Level 6	20.76	8.7	20.72	8.7	—	—
Level 7	29.60	12.0	29.60	12.0	—	—
Level 8	35.90	23.3	35.90	23.3	—	—
Level 9	38.35	2.8	38.35	2.8	—	—
Level 11	67.79	16.7	68.54	17.5	—	—
Not able to be leveled	21.76	18.7	22.76	19.6	—	—
First-line supervisors/managers, sales workers	18.36	3.5	18.50	3.6	—	—
First-line supervisors/managers of retail sales workers	18.36	4.2	18.52	4.3	—	—
Retail sales workers	12.21	8.8	15.06	6.8	9.62	1.8
Level 1	8.87	1.0	—	—	8.83	1.5
Level 2	9.69	3.2	11.05	7.8	9.41	2.9
Level 3	13.95	5.5	14.71	6.9	10.96	2.0
Level 4	16.90	5.3	18.03	5.1	12.83	8.5
Cashiers, all workers	10.10	2.3	12.42	12.0	9.43	2.3
Level 1	8.87	1.2	—	—	8.84	1.6
Level 2	9.39	2.8	—	—	9.40	3.2
Level 3	14.36	8.0	15.47	11.4	—	—
Cashiers	10.08	2.2	12.42	12.0	9.39	2.2
Level 1	8.87	1.2	—	—	8.84	1.6
Level 2	9.39	2.8	—	—	9.40	3.2
Level 3	14.57	8.2	15.47	11.4	—	—
Counter and rental clerks and parts salespersons	12.89	9.5	14.95	10.7	8.90	9.2
Level 3	12.65	11.5	—	—	—	—
Counter and rental clerks	11.52	13.7	—	—	8.50	5.2
Parts salespersons	17.44	7.1	—	—	—	—
Retail salespersons	14.31	13.1	16.13	11.9	10.51	2.3
Level 2	11.13	.2	—	—	10.63	.3
Level 3	14.51	4.5	15.61	7.2	—	—
Level 4	16.51	7.4	17.91	6.9	—	—
Securities, commodities, and financial services sales agents	83.91	10.2	88.37	5.5	—	—
Sales representatives, wholesale and manufacturing	31.00	10.6	31.00	10.6	—	—
Level 5	22.36	10.0	22.36	10.0	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	39.13	12.4	39.13	12.4	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.65	14.6	24.65	14.6	—	—
Miscellaneous sales and related workers	29.11	20.5	30.04	22.1	—	—
Office and administrative support occupations						
Level 1	18.84	1.6	19.50	1.8	14.75	6.0
Level 2	9.32	.9	—	—	9.26	.6
Level 3	13.91	10.5	13.16	6.9	15.08	22.2
Level 4	13.78	2.8	14.05	3.0	12.77	7.1
Level 5	17.58	2.1	17.66	2.3	17.10	3.0
Level 6	21.35	4.5	21.44	4.9	19.71	5.2
Level 7	23.28	2.6	23.29	2.7	—	—
Level 8	24.92	8.1	25.14	8.0	—	—
Not able to be leveled	21.32	3.2	21.76	2.8	12.34	6.1
First-line supervisors/managers of office and administrative support workers	31.30	10.9	31.30	10.9	—	—
Switchboard operators, including answering service	14.39	18.8	—	—	—	—
Financial clerks	17.90	2.9	18.43	4.0	15.13	5.7
Level 2	12.59	4.8	—	—	—	—
Level 3	12.62	7.0	12.48	8.8	—	—
Level 4	16.72	3.2	16.98	4.1	15.47	5.0
Level 5	21.00	7.2	21.98	8.1	—	—
Level 6	24.67	6.4	24.67	6.4	—	—
Billing and posting clerks and machine operators	15.86	7.8	16.36	8.6	—	—
Bookkeeping, accounting, and auditing clerks	20.94	3.6	21.72	4.3	—	—
Level 4	16.18	4.2	—	—	—	—
Tellers	14.21	3.2	14.42	3.6	—	—
Brokerage clerks	19.33	7.5	19.33	7.5	—	—
Customer service representatives	19.30	9.0	19.63	9.5	15.02	11.8

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 2009** — 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						
Customer service representatives —Continued						
Level 3	\$13.67	4.1	\$13.68	5.1	—	—
Level 4	16.77	7.7	16.77	7.7	—	—
Level 5	23.20	16.4	23.23	17.7	—	—
Level 6	19.78	4.3	19.78	4.3	—	—
Not able to be leveled	22.60	6.5	22.60	6.5	—	—
Order clerks	19.07	6.3	—	—	—	—
Receptionists and information clerks	15.25	3.5	15.50	4.0	\$14.12	11.1
Level 3	14.11	5.0	14.51	5.5	—	—
Level 4	17.24	4.3	17.45	5.6	—	—
Reservation and transportation ticket agents and travel clerks	14.65	14.9	—	—	—	—
Dispatchers	23.06	13.3	—	—	—	—
Shipping, receiving, and traffic clerks	18.38	6.4	18.38	6.4	—	—
Level 4	16.62	4.5	16.62	4.5	—	—
Not able to be leveled	19.59	10.1	19.59	10.1	—	—
Stock clerks and order fillers	11.84	5.2	15.45	14.4	9.60	3.9
Level 1	9.32	.9	—	—	9.26	.6
Level 2	11.33	8.2	—	—	—	—
Secretaries and administrative assistants	21.21	1.6	21.60	1.7	17.08	7.6
Level 4	18.38	4.3	18.48	4.5	—	—
Level 5	21.55	7.8	21.55	7.8	—	—
Level 6	23.97	3.1	24.03	3.2	—	—
Level 7	24.87	3.0	25.28	2.1	—	—
Not able to be leveled	19.99	4.2	20.35	4.5	—	—
Executive secretaries and administrative assistants	24.62	2.1	24.62	2.1	—	—
Level 6	24.03	3.9	24.03	3.9	—	—
Level 7	25.31	2.2	25.31	2.2	—	—
Not able to be leveled	21.80	2.5	21.80	2.5	—	—
Medical secretaries	18.11	3.3	18.20	2.6	17.67	8.0
Level 4	18.15	5.9	18.12	6.9	—	—
Secretaries, except legal, medical, and executive	19.35	2.6	19.74	2.9	—	—
Level 4	17.56	4.4	17.70	4.6	—	—
Level 5	21.92	3.5	21.92	3.5	—	—
Data entry and information processing workers	13.39	6.4	13.35	7.0	—	—
Data entry keyers	13.38	7.0	13.34	7.7	—	—
Insurance claims and policy processing clerks	18.25	4.5	18.25	4.5	—	—
Level 4	16.85	6.0	16.85	6.0	—	—
Level 6	18.85	3.5	18.85	3.5	—	—
Office clerks, general	20.35	3.4	20.48	3.9	19.93	8.4
Level 3	17.08	3.7	—	—	—	—
Level 4	18.00	6.8	17.97	9.2	18.07	6.4
Level 5	22.03	4.0	22.17	3.9	—	—
Construction and extraction occupations	28.03	9.3	28.68	9.2	—	—
Level 3	29.04	15.4	29.04	15.4	—	—
Level 4	17.89	14.2	17.89	14.2	—	—
Level 5	24.85	10.3	24.85	10.4	—	—
Level 6	25.49	5.4	25.71	5.2	—	—
Level 7	33.74	2.4	34.02	2.6	—	—
Level 8	34.16	13.9	34.16	13.9	—	—
First-line supervisors/managers of construction trades and extraction workers	33.39	5.0	33.39	5.0	—	—
Carpenters	32.98	2.7	33.03	2.8	—	—
Level 7	30.69	2.7	30.69	2.7	—	—
Construction laborers	26.87	27.1	33.00	21.6	—	—
Electricians	29.28	7.3	29.28	7.3	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	23.21	14.3	23.21	14.3	—	—
Level 6	26.05	8.8	26.05	8.8	—	—
Plumbers, pipefitters, and steamfitters	27.22	5.5	27.22	5.5	—	—
Level 6	26.05	8.8	26.05	8.8	—	—
Installation, maintenance, and repair occupations	25.64	6.3	25.79	6.1	—	—
Level 5	21.46	8.9	21.62	9.0	—	—

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 2009** — 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)
Installation, maintenance, and repair occupations						
–Continued						
Level 6	\$25.18	6.0	\$25.18	6.0	–	–
Level 7	32.04	9.2	32.09	9.2	–	–
Level 8	31.32	2.1	31.32	2.1	–	–
Not able to be leveled	25.79	8.1	25.79	8.1	–	–
First-line supervisors/managers of mechanics, installers, and repairers	34.78	8.2	34.78	8.2	–	–
Automotive technicians and repairers	27.73	23.0	27.88	22.9	–	–
Level 5	23.61	16.1	–	–	–	–
Automotive service technicians and mechanics	27.52	23.5	27.68	23.5	–	–
Industrial machinery installation, repair, and maintenance workers	21.29	4.7	21.33	4.8	–	–
Level 5	20.53	1.8	20.53	1.8	–	–
Maintenance and repair workers, general	20.75	6.0	20.80	6.1	–	–
Level 5	20.46	2.0	20.46	2.0	–	–
Line installers and repairers	28.92	4.0	28.92	4.0	–	–
Telecommunications line installers and repairers	28.26	7.2	28.26	7.2	–	–
Production occupations	16.86	7.9	17.04	7.9	\$10.66	1.3
Level 1	10.01	3.5	10.02	3.6	–	–
Level 2	12.44	2.8	12.65	2.8	–	–
Level 3	13.44	8.5	13.57	8.9	–	–
Level 4	14.55	6.1	14.58	6.1	–	–
Level 5	18.22	6.9	18.22	6.9	–	–
Level 6	24.41	6.1	24.41	6.1	–	–
Level 7	26.40	9.4	26.40	9.4	–	–
Level 8	28.40	4.4	28.40	4.4	–	–
Not able to be leveled	17.55	14.1	17.59	14.3	–	–
First-line supervisors/managers of production and operating workers	28.27	10.4	28.27	10.4	–	–
Electrical, electronics, and electromechanical assemblers	14.46	6.8	14.46	6.8	–	–
Electrical and electronic equipment assemblers	14.15	10.2	14.15	10.2	–	–
Miscellaneous assemblers and fabricators	13.20	12.6	13.20	12.6	–	–
Machine tool cutting setters, operators, and tenders, metal and plastic	17.23	3.8	17.23	3.8	–	–
Machinists	24.54	2.2	24.54	2.2	–	–
Printers	16.88	17.1	16.88	17.1	–	–
Printing machine operators	17.53	9.2	17.53	9.2	–	–
Inspectors, testers, sorters, samplers, and weighers	17.26	2.7	17.26	2.7	–	–
Level 4	14.02	3.3	14.02	3.3	–	–
Level 5	20.23	1.9	20.23	1.9	–	–
Miscellaneous production workers	13.31	3.0	13.62	.0	–	–
Transportation and material moving occupations	16.54	5.5	17.95	6.9	11.15	5.6
Level 1	9.79	3.5	10.30	5.9	9.01	1.9
Level 2	13.25	6.5	13.70	4.3	12.58	10.2
Level 3	18.36	6.3	18.60	6.3	15.17	5.8
Level 4	19.13	8.8	19.13	8.8	–	–
Level 5	23.48	11.8	23.98	11.9	–	–
Not able to be leveled	19.27	8.3	19.30	8.3	–	–
Bus drivers	17.42	6.4	–	–	14.72	4.9
Bus drivers, school	16.51	7.1	–	–	–	–
Driver/sales workers and truck drivers	18.92	6.7	19.55	5.8	13.22	17.9
Level 3	20.25	6.4	20.37	6.8	–	–
Level 4	19.98	10.5	19.98	10.5	–	–
Truck drivers, heavy and tractor-trailer	20.98	7.3	21.00	7.4	–	–
Level 4	20.06	11.6	20.06	11.6	–	–
Truck drivers, light or delivery services	16.39	14.7	16.85	14.2	–	–
Level 3	19.85	8.4	–	–	–	–
Industrial truck and tractor operators	17.78	10.2	17.92	9.8	–	–
Laborers and material movers, hand	12.17	3.9	13.33	5.5	9.75	1.9
Level 1	9.98	4.4	10.64	9.1	–	–
Level 2	13.46	6.9	14.36	3.8	11.22	9.9
Level 3	15.76	2.8	15.78	2.8	–	–

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 2009** — 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)
Transportation and material moving occupations						
—Continued						
Cleaners of vehicles and equipment	\$11.51	11.2	—	—	—	—
Laborers and freight, stock, and material movers, hand	13.19	8.7	\$13.78	10.8	\$11.04	7.6
Level 1	10.34	10.3	—	—	—	—
Level 2	13.86	8.4	—	—	11.24	10.0
Packers and packagers, hand	—	—	11.79	6.7	—	—
Level 1	—	—	11.02	10.3	—	—
Level 2	12.80	6.5	—	—	—	—

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 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Boston-Worcester-Manchester, MA-NH CSA, October 2009

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	\$25.91	2.2	\$27.93	2.5	\$14.47	2.9
Management occupations	47.64	4.4	47.60	4.5	—	—
Level 7	23.26	9.6	23.26	9.6	—	—
Level 8	27.65	10.0	27.65	10.0	—	—
Level 9	32.70	7.1	32.70	7.1	—	—
Level 10	33.87	6.8	33.87	6.8	—	—
Level 11	46.05	1.8	46.05	1.8	—	—
Level 12	66.23	7.5	66.32	7.3	—	—
Level 13	74.50	10.2	74.50	10.2	—	—
Not able to be leveled	52.09	5.6	52.21	5.6	—	—
General and operations managers	51.28	15.3	51.28	15.3	—	—
Not able to be leveled	56.45	22.1	56.45	22.1	—	—
Marketing and sales managers	54.42	9.2	54.42	9.2	—	—
Level 9	38.70	18.4	38.70	18.4	—	—
Level 11	47.69	5.3	47.69	5.3	—	—
Not able to be leveled	51.28	14.7	51.28	14.7	—	—
Marketing managers	56.62	15.6	56.62	15.6	—	—
Not able to be leveled	43.40	7.4	43.40	7.4	—	—
Sales managers	50.89	12.4	50.89	12.4	—	—
Computer and information systems managers	53.22	8.3	53.22	8.3	—	—
Level 12	56.25	4.2	56.25	4.2	—	—
Financial managers	56.02	6.0	56.02	6.0	—	—
Level 11	49.09	7.6	49.09	7.6	—	—
Level 12	66.80	6.7	66.80	6.7	—	—
Not able to be leveled	59.48	6.1	59.48	6.1	—	—
Human resources managers	48.23	8.6	48.23	8.6	—	—
Compensation and benefits managers	48.49	19.1	48.49	19.1	—	—
Industrial production managers	46.29	13.0	46.29	13.0	—	—
Education administrators	42.49	7.9	42.64	8.3	—	—
Education administrators, postsecondary	45.08	6.5	45.34	6.8	—	—
Engineering managers	53.49	7.7	53.49	7.7	—	—
Medical and health services managers	38.28	5.3	35.74	5.3	—	—
Social and community service managers	29.28	6.7	29.28	6.7	—	—
Business and financial operations occupations	33.47	3.7	33.47	3.6	—	—
Level 6	21.08	9.2	21.08	9.2	—	—
Level 7	24.02	4.1	24.28	4.0	—	—
Level 8	28.84	3.7	28.84	3.7	—	—
Level 9	30.47	5.9	30.22	6.2	—	—
Level 10	36.37	6.9	36.37	6.9	—	—
Level 11	45.52	10.3	45.17	11.1	—	—
Level 12	57.32	13.5	57.32	13.5	—	—
Not able to be leveled	36.97	8.1	36.97	8.1	—	—
Buyers and purchasing agents	26.65	13.1	26.36	13.6	—	—
Wholesale and retail buyers, except farm products	23.69	24.0	23.69	24.0	—	—
Purchasing agents, except wholesale, retail, and farm products	28.75	12.8	28.37	13.8	—	—
Claims adjusters, appraisers, examiners, and investigators	29.99	9.5	29.18	11.4	—	—
Claims adjusters, examiners, and investigators	29.98	10.5	29.05	12.9	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	22.77	11.6	22.77	11.6	—	—
Human resources, training, and labor relations specialists	31.28	7.3	31.28	7.3	—	—
Not able to be leveled	37.32	8.0	37.32	8.0	—	—
Compensation, benefits, and job analysis specialists ..	31.04	9.6	31.04	9.6	—	—
Training and development specialists	34.89	4.9	34.89	4.9	—	—
Management analysts	44.30	13.7	44.30	13.7	—	—
Accountants and auditors	28.89	6.9	28.35	7.5	—	—
Level 8	30.50	3.0	30.50	3.0	—	—
Financial analysts and advisors	42.37	9.3	43.09	9.5	—	—
Not able to be leveled	52.01	11.1	52.01	11.1	—	—
Financial analysts	46.45	13.3	46.45	13.3	—	—
Not able to be leveled	60.14	22.0	60.14	22.0	—	—
Computer and mathematical science occupations	42.10	4.5	42.10	4.5	—	—

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 2009 — 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 6	\$20.71	3.9	\$20.71	3.9	–	–
Level 7	26.72	5.0	26.72	5.0	–	–
Level 8	32.58	16.2	32.58	16.2	–	–
Level 9	39.36	1.8	39.36	1.8	–	–
Level 10	43.59	2.6	43.59	2.6	–	–
Level 11	50.44	1.8	50.44	1.8	–	–
Level 12	61.13	10.4	61.13	10.4	–	–
Not able to be leveled	37.60	3.4	37.60	3.4	–	–
Computer software engineers	48.82	5.8	48.82	5.8	–	–
Level 9	36.61	5.7	36.61	5.7	–	–
Level 10	45.17	2.3	45.17	2.3	–	–
Level 11	51.34	4.8	51.34	4.8	–	–
Level 12	62.59	13.3	62.59	13.3	–	–
Not able to be leveled	40.09	5.9	40.09	5.9	–	–
Computer software engineers, applications	50.69	11.0	50.69	11.0	–	–
Computer software engineers, systems software	47.53	7.4	47.53	7.4	–	–
Level 10	44.89	2.0	44.89	2.0	–	–
Level 11	52.75	8.3	52.75	8.3	–	–
Computer support specialists	35.46	9.3	35.46	9.3	–	–
Level 7	24.76	6.0	24.76	6.0	–	–
Level 9	39.74	7.5	39.74	7.5	–	–
Computer systems analysts	41.72	3.1	41.72	3.1	–	–
Not able to be leveled	39.32	7.6	39.32	7.6	–	–
Network and computer systems administrators	40.80	14.7	40.80	14.7	–	–
Level 11	50.06	3.2	50.06	3.2	–	–
Network systems and data communications analysts	35.77	9.4	35.77	9.4	–	–
Architecture and engineering occupations	38.91	3.9	38.46	3.4	–	–
Level 7	28.49	4.0	28.49	4.0	–	–
Level 8	33.99	5.1	33.99	5.1	–	–
Level 9	37.70	6.0	36.05	4.1	–	–
Level 10	44.50	6.0	44.50	6.0	–	–
Level 11	44.07	4.5	44.07	4.5	–	–
Level 12	54.49	5.9	55.85	8.3	–	–
Not able to be leveled	49.39	15.4	49.39	15.4	–	–
Architects, except naval	31.21	10.5	–	–	–	–
Architects, except landscape and naval	32.16	13.5	–	–	–	–
Engineers	44.96	2.4	44.76	2.7	–	–
Level 8	34.64	6.8	34.64	6.8	–	–
Level 9	35.21	4.6	35.21	4.6	–	–
Level 10	44.50	6.0	44.50	6.0	–	–
Level 11	48.44	2.5	48.44	2.5	–	–
Level 12	54.49	5.9	55.85	8.3	–	–
Not able to be leveled	56.40	10.4	56.40	10.4	–	–
Electrical and electronics engineers	43.80	3.6	43.80	3.6	–	–
Level 11	48.42	3.5	48.42	3.5	–	–
Electrical engineers	41.92	4.5	41.92	4.5	–	–
Electronics engineers, except computer	44.36	5.5	44.36	5.5	–	–
Level 11	48.78	4.3	48.78	4.3	–	–
Industrial engineers, including health and safety	37.94	4.2	37.94	4.2	–	–
Industrial engineers	38.78	3.7	38.78	3.7	–	–
Mechanical engineers	40.37	1.1	40.37	1.1	–	–
Engineering technicians, except drafters	25.95	4.4	25.95	4.4	–	–
Electrical and electronic engineering technicians	26.47	6.8	26.47	6.8	–	–
Life, physical, and social science occupations	34.67	9.5	34.72	9.6	–	–
Level 7	26.00	3.8	26.00	3.8	–	–
Level 9	28.38	21.2	28.21	21.7	–	–
Level 11	33.25	8.8	33.25	8.8	–	–
Not able to be leveled	35.18	5.5	35.97	5.7	–	–
Life scientists	32.02	23.5	32.02	23.5	–	–
Biological scientists	43.24	11.1	43.24	11.1	–	–
Biochemists and biophysicists	45.04	12.2	45.04	12.2	–	–
Physical scientists	33.34	22.7	33.34	22.7	–	–

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 2009 — 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						
Market and survey researchers	\$53.26	27.4	\$53.26	27.4	—	—
Market research analysts	53.26	27.4	53.26	27.4	—	—
Community and social services occupations	18.32	4.0	17.89	5.1	\$20.98	12.1
Level 7	19.44	5.9	19.20	8.0	—	—
Level 9	24.84	4.7	—	—	—	—
Counselors	15.43	12.9	15.17	13.3	—	—
Social workers	20.97	6.6	20.54	6.6	—	—
Miscellaneous community and social service specialists	17.55	8.2	—	—	—	—
Social and human service assistants	15.67	9.8	—	—	—	—
Legal occupations	56.04	7.6	60.40	6.4	—	—
Lawyers	82.14	2.8	82.14	2.8	—	—
Education, training, and library occupations	32.62	6.9	33.40	6.6	24.75	21.3
Level 4	10.39	14.6	—	—	—	—
Level 9	30.68	14.7	30.21	16.3	37.95	3.5
Level 10	39.65	2.6	39.45	2.5	—	—
Level 11	51.20	5.6	51.19	5.6	—	—
Level 12	55.07	10.7	55.07	10.7	—	—
Level 13	79.74	20.0	79.74	20.0	—	—
Not able to be leveled	40.38	13.0	43.42	11.7	23.27	24.5
Postsecondary teachers	50.81	4.3	51.76	4.6	36.15	15.5
Level 9	45.22	7.7	47.61	8.6	—	—
Level 10	39.65	2.6	39.45	2.5	—	—
Level 11	51.20	5.6	51.19	5.6	—	—
Level 12	55.07	10.7	55.07	10.7	—	—
Level 13	79.74	20.0	79.74	20.0	—	—
Not able to be leveled	48.30	9.4	48.75	8.8	—	—
Life sciences teachers, postsecondary	50.39	17.3	—	—	—	—
Biological science teachers, postsecondary	50.39	17.3	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	45.64	13.8	46.31	10.9	—	—
Miscellaneous postsecondary teachers	45.78	6.6	47.20	6.2	35.19	11.7
Primary, secondary, and special education school teachers	21.61	20.7	21.50	20.1	—	—
Level 9	29.81	26.9	29.81	26.9	—	—
Preschool and kindergarten teachers	15.96	18.8	15.22	12.7	—	—
Preschool teachers, except special education	15.96	18.8	15.22	12.7	—	—
Other teachers and instructors	21.10	6.6	—	—	25.44	11.8
Teacher assistants	11.54	20.8	—	—	—	—
Level 4	10.39	14.6	—	—	—	—
Arts, design, entertainment, sports, and media occupations	27.95	7.2	28.33	7.4	16.19	23.7
Not able to be leveled	28.62	12.4	28.81	12.9	—	—
Designers	26.80	9.7	28.36	6.4	—	—
Athletes, coaches, umpires, and related workers	30.94	13.7	—	—	—	—
Not able to be leveled	30.94	13.7	—	—	—	—
Coaches and scouts	30.94	13.7	—	—	—	—
Not able to be leveled	30.94	13.7	—	—	—	—
Writers and editors	39.83	6.4	40.31	7.9	—	—
Editors	37.90	6.9	38.42	8.5	—	—
Healthcare practitioner and technical occupations	34.26	5.4	33.91	7.3	35.57	3.8
Level 4	16.92	7.5	16.65	10.5	—	—
Level 5	18.55	10.3	18.15	10.5	—	—
Level 6	27.10	6.2	26.83	6.4	—	—
Level 7	27.40	8.1	27.89	6.3	26.07	16.6
Level 8	32.71	9.5	30.39	10.5	44.63	2.7
Level 9	40.38	5.5	37.28	6.1	44.54	3.7
Level 10	35.36	3.5	35.36	3.5	—	—
Level 11	55.26	5.1	55.42	5.1	—	—
Not able to be leveled	35.93	14.0	37.64	15.3	—	—

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 2009 — 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						
Physicians and surgeons	\$65.22	21.4	\$64.44	21.3	—	—
Not able to be leveled	58.98	19.4	58.98	19.4	—	—
Registered nurses	40.23	4.8	38.75	5.2	\$44.65	3.5
Level 7	32.48	4.2	31.53	5.3	35.29	6.9
Level 8	37.21	4.3	—	—	48.37	6.9
Level 9	40.98	4.7	38.25	5.2	45.08	2.8
Therapists	32.03	17.5	36.77	3.1	—	—
Physical therapists	37.11	2.6	—	—	—	—
Clinical laboratory technologists and technicians	23.44	8.6	22.20	11.0	28.54	4.1
Medical and clinical laboratory technologists	25.21	16.9	23.43	20.7	—	—
Medical and clinical laboratory technicians	20.52	6.7	20.21	10.3	—	—
Emergency medical technicians and paramedics	17.26	9.2	—	—	—	—
Health diagnosing and treating practitioner support technicians	16.83	14.1	15.65	10.9	—	—
Licensed practical and licensed vocational nurses	24.28	5.2	24.83	4.8	—	—
Medical records and health information technicians	15.42	4.1	15.55	4.4	—	—
Healthcare support occupations	14.67	4.8	14.71	4.1	14.53	10.2
Level 2	12.69	2.1	—	—	—	—
Level 3	13.23	3.8	13.36	2.6	12.84	9.6
Level 4	14.76	6.1	14.73	7.0	14.89	11.2
Level 5	19.70	15.4	—	—	—	—
Nursing, psychiatric, and home health aides	12.92	4.3	13.05	4.7	12.21	5.6
Level 2	12.75	2.4	—	—	—	—
Level 3	13.18	2.8	13.16	3.7	13.29	5.3
Level 4	12.66	7.5	12.88	7.9	10.84	9.8
Home health aides	11.31	5.5	11.48	4.8	—	—
Level 4	11.07	5.8	—	—	—	—
Nursing aides, orderlies, and attendants	14.23	5.6	14.59	4.6	12.77	1.5
Level 2	12.98	3.0	—	—	—	—
Level 3	13.66	4.2	13.89	3.7	12.86	1.7
Level 4	16.09	6.5	16.48	4.9	—	—
Miscellaneous healthcare support occupations	17.37	4.2	18.52	1.4	15.22	10.0
Level 3	13.44	15.1	—	—	12.40	18.4
Level 4	18.28	7.9	18.69	8.8	17.35	7.5
Medical assistants	17.44	2.0	18.40	2.1	15.60	3.3
Level 4	15.56	3.6	—	—	—	—
Protective service occupations	15.61	4.5	—	—	13.26	11.9
Not able to be leveled	13.64	13.9	—	—	—	—
Security guards and gaming surveillance officers	15.94	9.8	18.48	14.1	12.82	9.9
Security guards	15.94	9.8	18.48	14.1	12.82	9.9
Miscellaneous protective service workers	14.82	15.1	—	—	—	—
Food preparation and serving related occupations	10.05	5.1	11.75	4.6	8.06	3.3
Level 1	8.21	1.6	7.59	12.2	8.50	4.0
Level 2	8.79	7.1	9.97	1.2	7.63	11.5
Level 3	10.23	5.8	11.60	12.4	8.06	11.0
Level 4	14.52	4.7	14.49	4.5	—	—
First-line supervisors/managers, food preparation and serving workers	22.08	16.2	22.08	16.2	—	—
First-line supervisors/managers of food preparation and serving workers	18.10	3.7	18.10	3.7	—	—
Cooks	12.41	2.2	12.33	2.6	12.89	3.8
Level 3	12.04	7.5	11.92	10.4	—	—
Level 4	13.43	6.6	13.30	6.2	—	—
Cooks, institution and cafeteria	12.27	8.3	—	—	—	—
Cooks, restaurant	12.27	2.5	12.16	3.7	—	—
Level 3	11.26	8.6	—	—	—	—
Food preparation workers	12.57	6.7	—	—	—	—
Level 2	13.20	9.5	—	—	—	—
Food service, tipped	5.87	3.0	6.88	9.4	5.56	2.0
Level 1	6.42	20.4	—	—	6.90	11.2
Level 2	5.62	17.7	—	—	4.99	28.4

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 2009 — 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						
Food service, tipped -Continued						
Level 3	\$5.97	11.7	-	-	\$5.35	26.3
Bartenders	6.52	3.3	-	-	6.72	3.3
Waiters and waitresses	4.14	14.7	-	-	3.54	7.0
Level 2	3.34	20.2	-	-	3.50	22.1
Level 3	5.22	11.3	-	-	-	-
Dining room and cafeteria attendants and bartender helpers						
Level 1	8.76	4.7	-	-	8.16	9.5
Level 1	7.97	4.7	-	-	8.10	9.5
Fast food and counter workers	9.26	1.2	\$9.74	2.0	8.77	2.6
Level 1	8.56	10.9	-	-	-	-
Level 2	9.15	1.7	9.71	1.8	8.35	2.5
Combined food preparation and serving workers, including fast food						
Level 2	9.62	3.7	10.50	8.9	8.66	3.8
Level 2	9.24	3.2	-	-	8.51	6.9
Counter attendants, cafeteria, food concession, and coffee shop						
Level 2	9.00	2.0	9.15	3.4	8.85	7.0
Level 2	9.05	2.2	9.62	3.0	-	-
Dishwashers	9.41	1.3	9.59	3.9	-	-
Level 1	9.41	1.3	9.59	3.9	-	-
Building and grounds cleaning and maintenance occupations						
Level 1	13.28	2.1	13.83	3.0	11.97	3.2
Level 1	11.96	6.3	11.69	9.0	12.49	.9
Level 2	11.88	2.9	12.12	3.7	11.51	4.6
Level 3	13.30	5.9	-	-	-	-
Not able to be leveled	16.21	7.3	16.25	7.4	-	-
Building cleaning workers	12.32	4.3	12.50	6.3	11.99	3.2
Level 1	11.87	7.2	11.51	10.7	12.49	.9
Level 2	12.02	2.7	12.37	3.4	11.51	4.6
Not able to be leveled	15.33	11.5	-	-	-	-
Janitors and cleaners, except maids and housekeeping cleaners						
Level 1	13.19	2.2	13.96	3.2	12.06	3.8
Level 1	13.14	.7	13.82	1.2	12.54	1.0
Level 2	12.42	2.8	13.07	1.7	11.48	5.9
Maids and housekeeping cleaners	10.20	6.3	9.80	5.8	11.67	2.4
Level 1	9.38	6.9	9.20	6.1	-	-
Level 2	10.93	3.5	-	-	-	-
Grounds maintenance workers	17.38	15.2	17.61	15.5	-	-
Landscaping and groundskeeping workers	17.38	15.2	17.61	15.5	-	-
Personal care and service occupations						
Level 2	14.64	4.9	17.88	5.7	10.34	6.7
Level 2	9.68	5.7	-	-	9.11	5.9
Level 3	10.16	4.0	-	-	10.16	4.6
Level 4	12.81	13.2	13.50	15.7	10.54	7.7
Level 6	32.64	18.8	-	-	-	-
Transportation attendants	35.11	8.5	-	-	-	-
Child care workers	10.59	6.0	-	-	9.18	5.4
Level 2	9.23	.8	-	-	-	-
Level 3	9.71	6.0	-	-	-	-
Recreation and fitness workers	12.45	8.1	-	-	12.20	11.1
Level 4	12.61	8.7	-	-	-	-
Fitness trainers and aerobics instructors	12.29	12.5	-	-	12.29	12.5
Recreation workers	12.73	11.8	-	-	-	-
Sales and related occupations						
Level 1	20.05	3.8	23.98	4.1	10.26	3.6
Level 1	8.87	1.0	-	-	8.83	1.5
Level 2	9.57	3.1	11.05	7.8	9.25	2.2
Level 3	13.70	5.7	14.40	7.1	10.96	2.0
Level 4	17.44	4.5	18.42	5.0	12.93	7.9
Level 5	18.92	5.7	18.99	5.9	-	-
Level 6	20.76	8.7	20.72	8.7	-	-
Level 7	29.60	12.0	29.60	12.0	-	-
Level 8	35.90	23.3	35.90	23.3	-	-

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 2009 — 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						
Level 9	\$38.35	2.8	\$38.35	2.8	—	—
Level 11	67.79	16.7	68.54	17.5	—	—
Not able to be leveled	21.76	18.7	22.76	19.6	—	—
First-line supervisors/managers, sales workers	18.33	3.9	18.48	4.1	—	—
First-line supervisors/managers of retail sales workers	18.33	4.8	18.51	5.0	—	—
Retail sales workers	12.17	9.2	14.94	7.0	\$9.52	1.5
Level 1	8.87	1.0	—	—	8.83	1.5
Level 2	9.55	3.2	11.05	7.8	9.22	2.5
Level 3	13.69	5.8	14.40	7.2	10.96	2.0
Level 4	16.90	5.3	18.03	5.1	12.83	8.5
Cashiers, all workers	9.83	1.3	11.71	10.0	9.26	1.6
Level 1	8.87	1.2	—	—	8.84	1.6
Level 2	9.11	1.4	—	—	9.08	2.0
Level 3	13.17	2.0	—	—	—	—
Cashiers	9.80	1.2	11.71	10.0	9.21	1.2
Level 1	8.87	1.2	—	—	8.84	1.6
Level 2	9.11	1.4	—	—	9.08	2.0
Level 3	13.32	1.7	—	—	—	—
Counter and rental clerks and parts salespersons	12.89	9.5	14.95	10.7	8.90	9.2
Level 3	12.65	11.5	—	—	—	—
Counter and rental clerks	11.52	13.7	—	—	8.50	5.2
Parts salespersons	17.44	7.1	—	—	—	—
Retail salespersons	14.31	13.1	16.13	11.9	10.51	2.3
Level 2	11.13	.2	—	—	10.63	.3
Level 3	14.51	4.5	15.61	7.2	—	—
Level 4	16.51	7.4	17.91	6.9	—	—
Securities, commodities, and financial services sales agents	83.91	10.2	88.37	5.5	—	—
Sales representatives, wholesale and manufacturing	31.00	10.6	31.00	10.6	—	—
Level 5	22.36	10.0	22.36	10.0	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	39.13	12.4	39.13	12.4	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.65	14.6	24.65	14.6	—	—
Miscellaneous sales and related workers	29.11	20.5	30.04	22.1	—	—
Office and administrative support occupations						
Level 1	9.32	.9	—	—	9.26	.6
Level 2	13.99	11.1	13.05	7.1	15.60	23.5
Level 3	13.50	2.7	13.71	2.7	12.78	7.4
Level 4	17.30	2.1	17.32	2.3	17.18	2.9
Level 5	21.20	5.0	21.29	5.4	19.71	5.2
Level 6	23.37	2.9	23.38	2.9	—	—
Level 7	24.91	8.6	25.14	8.6	—	—
Not able to be leveled	20.60	3.6	21.07	3.1	12.34	6.1
First-line supervisors/managers of office and administrative support workers	32.06	12.8	32.06	12.8	—	—
Financial clerks	17.84	2.9	18.36	3.9	15.13	5.7
Level 2	12.59	4.8	—	—	—	—
Level 3	12.62	7.0	12.48	8.8	—	—
Level 4	16.72	3.2	16.98	4.1	15.47	5.0
Level 5	21.00	7.2	21.98	8.1	—	—
Level 6	24.69	6.8	24.69	6.8	—	—
Billing and posting clerks and machine operators	15.86	7.8	16.36	8.6	—	—
Bookkeeping, accounting, and auditing clerks	20.84	3.7	21.63	4.4	—	—
Level 4	16.18	4.2	—	—	—	—
Tellers	14.21	3.2	14.42	3.6	—	—
Brokerage clerks	19.33	7.5	19.33	7.5	—	—
Customer service representatives	18.97	9.4	19.30	10.0	15.02	11.8
Level 3	13.67	4.1	13.68	5.1	—	—
Level 4	16.77	7.7	16.77	7.7	—	—
Level 5	23.20	16.4	23.23	17.7	—	—
Level 6	19.78	4.3	19.78	4.3	—	—
Order clerks	19.07	6.3	—	—	—	—
Receptionists and information clerks	15.23	3.5	15.48	4.1	14.12	11.1

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 2009 — 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						
Receptionists and information clerks —Continued						
Level 3	\$14.11	5.0	\$14.51	5.5	—	—
Level 4	17.24	4.3	17.45	5.6	—	—
Reservation and transportation ticket agents and travel clerks						
	14.65	14.9	—	—	—	—
Shipping, receiving, and traffic clerks						
	18.38	6.4	18.38	6.4	—	—
Level 4	16.62	4.5	16.62	4.5	—	—
Not able to be leveled	19.59	10.1	19.59	10.1	—	—
Stock clerks and order fillers						
	11.55	4.0	15.15	16.0	\$9.60	3.9
Level 1	9.32	.9	—	—	9.26	.6
Level 2	11.33	8.2	—	—	—	—
Secretaries and administrative assistants						
	20.89	1.7	21.32	1.8	17.08	7.6
Level 4	17.74	5.0	17.69	4.8	—	—
Level 5	20.93	8.1	20.93	8.1	—	—
Level 6	24.12	2.9	24.20	2.9	—	—
Level 7	24.84	3.4	25.31	2.5	—	—
Not able to be leveled	19.45	4.2	19.86	4.8	—	—
Executive secretaries and administrative assistants						
	24.88	2.2	24.88	2.2	—	—
Level 6	24.23	3.8	24.23	3.8	—	—
Level 7	25.35	2.6	25.35	2.6	—	—
Medical secretaries						
	18.03	3.5	18.11	2.8	17.67	8.0
Level 4	17.99	6.3	17.90	7.2	—	—
Secretaries, except legal, medical, and executive						
	18.61	3.7	19.05	4.2	—	—
Level 4	17.21	5.2	17.35	5.6	—	—
Level 5	21.18	2.9	21.18	2.9	—	—
Data entry and information processing workers						
	13.12	6.5	—	—	—	—
Data entry keyers	13.12	6.5	—	—	—	—
Insurance claims and policy processing clerks						
	18.25	4.5	18.25	4.5	—	—
Level 4	16.85	6.0	16.85	6.0	—	—
Level 6	18.85	3.5	18.85	3.5	—	—
Office clerks, general						
	20.55	3.8	20.47	4.4	20.81	7.5
Level 4	18.00	7.2	17.80	10.1	—	—
Level 5	22.17	4.3	22.36	3.9	—	—
Construction and extraction occupations						
	28.09	10.3	28.81	10.1	—	—
Level 3	29.04	15.4	29.04	15.4	—	—
Level 5	24.85	10.3	24.85	10.4	—	—
Level 6	25.24	6.0	25.51	5.8	—	—
Level 7	33.97	2.5	34.26	2.7	—	—
Carpenters						
	33.37	2.0	33.43	2.1	—	—
Level 7	31.27	2.8	31.27	2.8	—	—
Construction laborers						
	26.87	27.1	33.00	21.6	—	—
Electricians						
	29.05	7.4	29.05	7.4	—	—
Pipelayers, plumbers, pipefitters, and steamfitters						
	22.98	17.1	22.98	17.1	—	—
Plumbers, pipefitters, and steamfitters	28.11	5.8	28.11	5.8	—	—
Installation, maintenance, and repair occupations						
	25.87	6.7	26.03	6.4	—	—
Level 5	21.43	9.5	21.59	9.7	—	—
Level 6	25.18	6.0	25.18	6.0	—	—
Level 7	32.04	9.2	32.09	9.2	—	—
Level 8	31.32	2.1	31.32	2.1	—	—
Not able to be leveled	26.45	12.0	26.45	12.0	—	—
First-line supervisors/managers of mechanics, installers, and repairers						
	34.78	8.2	34.78	8.2	—	—
Automotive technicians and repairers						
	27.73	23.0	27.88	22.9	—	—
Level 5	23.61	16.1	—	—	—	—
Automotive service technicians and mechanics	27.52	23.5	27.68	23.5	—	—
Industrial machinery installation, repair, and maintenance workers						
	21.08	4.9	21.13	5.0	—	—
Level 5	20.57	.5	20.57	.5	—	—
Maintenance and repair workers, general						
	20.31	6.5	20.37	6.7	—	—
Line installers and repairers						
	28.92	4.0	28.92	4.0	—	—
Telecommunications line installers and repairers	28.26	7.2	28.26	7.2	—	—

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 2009 — 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	\$16.82	8.0	\$17.00	8.0	\$10.66	1.3
Level 1	10.01	3.5	10.02	3.6	—	—
Level 2	12.40	3.0	12.61	3.0	—	—
Level 3	13.44	8.5	13.57	8.9	—	—
Level 4	14.55	6.1	14.58	6.1	—	—
Level 5	18.22	6.9	18.22	6.9	—	—
Level 6	24.41	6.1	24.41	6.1	—	—
Level 7	26.47	10.2	26.47	10.2	—	—
Level 8	28.40	4.4	28.40	4.4	—	—
Not able to be leveled	17.55	14.1	17.59	14.3	—	—
First-line supervisors/managers of production and operating workers	28.27	10.4	28.27	10.4	—	—
Electrical, electronics, and electromechanical assemblers	14.46	6.8	14.46	6.8	—	—
Electrical and electronic equipment assemblers	14.15	10.2	14.15	10.2	—	—
Miscellaneous assemblers and fabricators	13.20	12.6	13.20	12.6	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	17.23	3.8	17.23	3.8	—	—
Machinists	24.54	2.2	24.54	2.2	—	—
Printers	16.88	17.1	16.88	17.1	—	—
Printing machine operators	17.53	9.2	17.53	9.2	—	—
Inspectors, testers, sorters, samplers, and weighers	17.26	2.7	17.26	2.7	—	—
Level 4	14.02	3.3	14.02	3.3	—	—
Level 5	20.23	1.9	20.23	1.9	—	—
Miscellaneous production workers	13.31	3.0	13.62	.0	—	—
Transportation and material moving occupations	16.20	6.0	17.64	7.5	11.06	5.7
Level 1	9.79	3.5	10.30	5.9	9.01	1.9
Level 2	13.18	6.7	13.70	4.3	12.36	10.5
Level 3	18.59	6.6	18.88	6.5	15.17	5.8
Level 4	19.13	8.8	19.13	8.8	—	—
Level 5	22.35	16.9	22.86	17.7	—	—
Not able to be leveled	19.20	10.6	19.20	10.6	—	—
Bus drivers	14.72	4.9	—	—	14.72	4.9
Driver/sales workers and truck drivers	18.95	6.7	19.55	5.8	12.76	20.0
Level 3	20.25	6.4	20.37	6.8	—	—
Level 4	19.98	10.5	19.98	10.5	—	—
Truck drivers, heavy and tractor-trailer	20.98	7.3	21.00	7.4	—	—
Level 4	20.06	11.6	20.06	11.6	—	—
Truck drivers, light or delivery services	16.37	15.4	16.85	14.2	—	—
Level 3	19.85	8.4	—	—	—	—
Industrial truck and tractor operators	17.78	10.2	17.92	9.8	—	—
Laborers and material movers, hand	11.86	3.6	12.92	4.7	9.75	1.9
Level 1	9.98	4.4	10.64	9.1	—	—
Level 2	13.46	6.9	14.36	3.8	11.22	9.9
Level 3	15.60	3.9	15.62	4.1	—	—
Cleaners of vehicles and equipment	11.51	11.2	—	—	—	—
Laborers and freight, stock, and material movers, hand	12.65	8.4	13.11	10.0	11.05	7.7
Level 1	10.34	10.3	—	—	—	—
Level 2	13.86	8.4	—	—	11.24	10.0
Packers and packagers, hand	—	—	11.79	6.7	—	—
Level 1	—	—	11.02	10.3	—	—
Level 2	12.80	6.5	—	—	—	—

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 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 2009

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	\$30.47	2.7	\$31.30	2.6	\$19.43	8.9
Management occupations	43.09	7.6	43.12	7.6	—	—
Level 11	48.30	7.8	48.30	7.8	—	—
Not able to be leveled	40.85	7.3	40.93	7.3	—	—
Education administrators	51.87	11.9	51.87	11.9	—	—
Education administrators, elementary and secondary school	55.17	10.1	55.17	10.1	—	—
Business and financial operations occupations	31.33	10.6	29.98	9.4	—	—
Level 9	32.52	7.8	32.52	7.8	—	—
Computer and mathematical science occupations	35.81	6.3	35.81	6.3	—	—
Life, physical, and social science occupations	31.08	13.3	31.08	13.3	—	—
Community and social services occupations	32.63	8.8	32.82	9.0	—	—
Level 9	34.56	8.9	34.95	9.0	—	—
Counselors	37.67	13.5	38.02	13.8	—	—
Level 9	35.78	12.7	36.08	13.3	—	—
Educational, vocational, and school counselors	48.30	12.2	50.06	9.0	—	—
Level 9	47.30	10.9	—	—	—	—
Social workers	31.23	10.6	31.46	11.1	—	—
Education, training, and library occupations	39.49	2.3	41.00	3.0	22.62	3.6
Level 3	14.55	1.3	—	—	—	—
Level 4	17.58	6.2	17.82	6.8	—	—
Level 6	20.19	18.5	—	—	—	—
Level 7	26.26	4.4	—	—	—	—
Level 8	43.93	10.9	43.93	10.9	—	—
Level 9	45.05	1.8	45.21	2.2	39.82	8.4
Not able to be leveled	37.17	13.4	39.86	13.2	—	—
Primary, secondary, and special education school teachers	44.68	1.2	45.92	.9	21.13	1.8
Level 8	49.98	5.5	49.98	5.5	—	—
Level 9	45.98	1.0	45.99	1.1	—	—
Not able to be leveled	36.43	3.3	—	—	—	—
Elementary and middle school teachers	45.20	1.9	46.03	1.6	24.37	23.3
Level 9	46.51	2.5	46.51	2.5	—	—
Elementary school teachers, except special education	45.37	2.7	46.47	2.2	24.37	23.3
Level 9	47.17	3.0	47.17	3.0	—	—
Middle school teachers, except special and vocational education	44.63	1.4	44.63	1.4	—	—
Level 9	44.53	.8	44.53	.8	—	—
Secondary school teachers	42.15	2.2	44.87	1.0	—	—
Level 9	44.44	.5	44.44	.5	—	—
Secondary school teachers, except special and vocational education	42.15	2.2	44.87	1.0	—	—
Level 9	44.44	.5	44.44	.5	—	—
Special education teachers	46.40	.0	46.63	.6	—	—
Level 9	44.44	4.4	44.52	4.8	—	—
Special education teachers, preschool, kindergarten, and elementary school	47.38	4.9	47.83	6.9	—	—
Level 9	44.79	.7	—	—	—	—
Other teachers and instructors	36.79	7.8	—	—	—	—
Librarians	28.54	23.4	—	—	—	—
Teacher assistants	16.94	7.0	17.28	7.2	15.24	4.3
Level 3	14.55	1.3	—	—	—	—
Level 4	17.58	6.2	17.82	6.8	—	—
Healthcare practitioner and technical occupations	35.01	5.6	35.41	6.4	—	—
Level 9	40.38	7.8	41.08	9.2	—	—
Registered nurses	38.65	7.1	39.08	8.1	—	—
Level 9	40.38	7.8	41.08	9.2	—	—
Healthcare support occupations	16.90	10.4	—	—	—	—

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 2009** — 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)
Protective service occupations	\$27.80	2.0	\$27.61	1.4	—	—
Level 6	27.07	1.3	26.36	2.7	—	—
Level 7	29.19	2.0	29.19	2.0	—	—
Fire fighters	25.08	3.1	25.41	1.5	—	—
Police officers	28.81	8.0	27.98	5.4	—	—
Level 6	28.06	3.9	26.17	4.8	—	—
Police and sheriff's patrol officers	28.81	8.0	27.98	5.4	—	—
Level 6	28.06	3.9	26.17	4.8	—	—
Food preparation and serving related occupations	13.35	7.5	—	—	\$11.85	8.6
Building and grounds cleaning and maintenance occupations	18.15	2.6	18.19	2.9	—	—
Level 3	16.85	5.7	16.57	6.3	—	—
Building cleaning workers	17.28	2.2	17.28	2.0	—	—
Level 3	16.85	5.7	16.57	6.3	—	—
Janitors and cleaners, except maids and housekeeping cleaners	17.28	2.2	17.28	2.0	—	—
Level 3	16.85	5.7	16.57	6.3	—	—
Personal care and service occupations	11.52	12.7	—	—	11.52	12.7
Child care workers	10.64	7.4	—	—	10.64	7.4
Office and administrative support occupations	21.96	3.1	22.72	3.1	12.88	8.2
Level 3	17.22	8.5	—	—	—	—
Level 4	20.86	5.3	21.40	3.7	—	—
Level 5	22.80	7.3	22.80	7.3	—	—
Not able to be leveled	26.36	9.0	26.36	9.0	—	—
Secretaries and administrative assistants	23.00	4.5	23.00	4.5	—	—
Level 4	21.64	4.8	21.64	4.8	—	—
Executive secretaries and administrative assistants	23.65	5.6	23.65	5.6	—	—
Secretaries, except legal, medical, and executive	21.09	1.5	21.09	1.5	—	—
Office clerks, general	19.08	5.2	—	—	—	—
Construction and extraction occupations	27.47	5.9	27.47	5.9	—	—
Installation, maintenance, and repair occupations	23.04	6.5	23.04	6.5	—	—
Transportation and material moving occupations	21.12	7.9	21.40	9.1	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. 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 2009

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	\$26.40	1.9	\$28.33	2.2	\$14.73	2.8
Management occupations	47.20	4.1	47.16	4.1	—	—
Group II	23.98	8.7	—	—	—	—
Group III	45.27	5.1	—	—	—	—
Group IV	83.80	6.7	—	—	—	—
General and operations managers	49.41	13.8	49.41	13.8	—	—
Group III	47.45	19.8	47.45	19.8	—	—
Marketing and sales managers	54.42	9.2	54.42	9.2	—	—
Group III	51.99	8.7	—	—	—	—
Marketing managers	56.62	15.6	56.62	15.6	—	—
Group III	53.99	12.5	53.99	12.5	—	—
Sales managers	50.89	12.4	50.89	12.4	—	—
Group III	48.91	7.2	48.91	7.2	—	—
Computer and information systems managers	53.30	8.0	53.30	8.0	—	—
Group III	48.15	7.8	48.15	7.8	—	—
Financial managers	55.56	5.8	55.56	5.8	—	—
Group III	51.51	7.7	51.51	7.7	—	—
Human resources managers	48.23	8.6	48.23	8.6	—	—
Group III	43.60	7.2	—	—	—	—
Compensation and benefits managers	48.49	19.1	48.49	19.1	—	—
Industrial production managers	46.29	13.0	46.29	13.0	—	—
Construction managers	31.37	5.4	31.37	5.4	—	—
Education administrators	45.05	7.2	45.21	7.4	—	—
Group III	48.88	5.1	—	—	—	—
Education administrators, elementary and secondary school	55.17	10.1	55.17	10.1	—	—
Group III	54.86	12.8	54.86	12.8	—	—
Education administrators, postsecondary	44.23	6.4	44.45	6.8	—	—
Group III	47.12	4.4	47.12	4.4	—	—
Engineering managers	53.55	7.1	53.55	7.1	—	—
Group III	50.70	8.9	50.70	8.9	—	—
Medical and health services managers	37.23	4.8	35.20	4.4	—	—
Group III	36.76	7.6	34.11	5.0	—	—
Social and community service managers	31.52	9.5	31.52	9.5	—	—
Business and financial operations occupations	33.34	3.5	33.28	3.4	35.37	14.9
Group II	24.51	4.1	—	—	—	—
Group III	38.10	5.6	—	—	—	—
Buyers and purchasing agents	26.65	13.1	26.36	13.6	—	—
Group II	23.74	13.3	—	—	—	—
Group III	33.03	9.2	—	—	—	—
Wholesale and retail buyers, except farm products	23.69	24.0	23.69	24.0	—	—
Purchasing agents, except wholesale, retail, and farm products	28.75	12.8	28.37	13.8	—	—
Claims adjusters, appraisers, examiners, and investigators	29.99	9.5	29.18	11.4	—	—
Group II	26.59	9.6	—	—	—	—
Claims adjusters, examiners, and investigators	29.98	10.5	29.05	12.9	—	—
Group II	25.95	11.9	25.95	11.9	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	23.38	10.0	22.77	11.6	—	—
Group II	23.38	10.0	22.77	11.6	—	—
Human resources, training, and labor relations specialists	31.55	7.1	31.55	7.1	—	—
Group II	24.71	12.1	—	—	—	—
Group III	30.98	5.9	—	—	—	—
Compensation, benefits, and job analysis specialists ..	31.04	9.6	31.04	9.6	—	—
Training and development specialists	34.89	4.9	34.89	4.9	—	—
Management analysts	44.30	13.7	44.30	13.7	—	—
Group III	45.99	15.3	45.99	15.3	—	—
Accountants and auditors	29.16	6.3	28.71	6.6	—	—
Group II	26.96	6.6	26.96	6.6	—	—
Group III	38.58	3.9	37.78	4.0	—	—
Financial analysts and advisors	42.37	9.3	43.09	9.5	—	—
Group III	38.75	7.8	—	—	—	—
Financial analysts	46.45	13.3	46.45	13.3	—	—

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 2009 — 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 –Continued						
Group III	\$38.24	9.3	\$38.24	9.3	–	–
Computer and mathematical science occupations	41.82	4.4	41.82	4.4	–	–
Group II	27.20	5.7	–	–	–	–
Group III	47.58	5.8	–	–	–	–
Computer programmers	32.27	8.9	32.27	8.9	–	–
Computer software engineers	48.82	5.8	48.82	5.8	–	–
Group III	50.62	6.1	–	–	–	–
Computer software engineers, applications	50.69	11.0	50.69	11.0	–	–
Group III	53.44	12.3	53.44	12.3	–	–
Computer software engineers, systems software	47.53	7.4	47.53	7.4	–	–
Group III	48.20	6.2	48.20	6.2	–	–
Computer support specialists	35.48	9.0	35.48	9.0	–	–
Group II	26.27	13.4	26.27	13.4	–	–
Group III	45.26	10.1	45.26	10.1	–	–
Computer systems analysts	41.46	3.1	41.46	3.1	–	–
Group II	26.23	9.7	26.23	9.7	–	–
Group III	45.68	5.9	45.68	5.9	–	–
Network and computer systems administrators	40.21	14.2	40.21	14.2	–	–
Group III	46.94	4.5	46.94	4.5	–	–
Network systems and data communications analysts	36.27	5.2	36.27	5.2	–	–
Architecture and engineering occupations	38.78	3.8	38.34	3.3	–	–
Group II	27.66	5.0	–	–	–	–
Group III	43.78	4.2	–	–	–	–
Architects, except naval	31.21	10.5	–	–	–	–
Architects, except landscape and naval	32.16	13.5	–	–	–	–
Engineers	45.00	2.4	44.80	2.7	–	–
Group II	33.78	4.6	–	–	–	–
Group III	44.94	2.9	–	–	–	–
Computer hardware engineers						
Group III	49.78	1.1	49.78	1.1	–	–
Electrical and electronics engineers	43.98	3.6	43.98	3.6	–	–
Group III	45.75	3.0	–	–	–	–
Electrical engineers	42.87	4.6	42.87	4.6	–	–
Electronics engineers, except computer	44.36	5.5	44.36	5.5	–	–
Group III	45.90	4.2	45.90	4.2	–	–
Industrial engineers, including health and safety	37.94	4.2	37.94	4.2	–	–
Group III	40.01	4.5	–	–	–	–
Industrial engineers	38.78	3.7	38.78	3.7	–	–
Mechanical engineers	40.37	1.1	40.37	1.1	–	–
Group III	40.06	.3	40.06	.3	–	–
Engineering technicians, except drafters	26.02	3.9	26.02	3.9	–	–
Group II	25.50	5.3	–	–	–	–
Electrical and electronic engineering technicians	26.47	6.8	26.47	6.8	–	–
Group II	24.71	10.9	24.71	10.9	–	–
Life, physical, and social science occupations	34.43	8.9	34.48	9.0	–	–
Group II	24.52	4.1	–	–	–	–
Group III	33.53	11.2	–	–	–	–
Life scientists	31.64	22.4	31.64	22.4	–	–
Biological scientists	43.24	11.1	43.24	11.1	–	–
Biochemists and biophysicists	45.04	12.2	45.04	12.2	–	–
Physical scientists	32.81	21.8	32.81	21.8	–	–
Group III	32.45	21.2	–	–	–	–
Market and survey researchers	51.59	26.4	51.59	26.4	–	–
Market research analysts	51.59	26.4	51.59	26.4	–	–
Psychologists	27.53	7.4	–	–	–	–
Community and social services occupations	23.76	5.7	23.95	6.2	\$21.99	10.3
Group II	17.79	4.9	–	–	–	–
Group III	32.19	6.3	–	–	–	–
Counselors	25.72	15.6	25.74	16.5	–	–

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 2009 — 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						
Counselors —Continued						
Group III	\$34.19	10.6	—	—	—	—
Educational, vocational, and school counselors	38.55	13.4	\$40.42	12.5	—	—
Group III	40.46	14.8	42.33	13.5	—	—
Social workers	25.40	9.2	25.26	9.6	—	—
Group II	20.91	6.6	—	—	—	—
Group III	32.69	9.2	—	—	—	—
Child, family, and school social workers	25.72	20.9	25.72	20.9	—	—
Miscellaneous community and social service specialists	17.56	7.4	16.85	8.6	—	—
Group II	15.93	8.3	—	—	—	—
Social and human service assistants	15.93	8.3	—	—	—	—
Group II	15.93	8.3	—	—	—	—
Legal occupations	48.48	14.3	51.05	16.5	—	—
Group III	58.80	7.9	—	—	—	—
Lawyers	74.12	10.9	74.12	10.9	—	—
Education, training, and library occupations	36.28	3.4	37.46	3.4	\$23.67	11.0
Group I	13.91	7.7	—	—	—	—
Group II	24.42	18.3	—	—	—	—
Group III	43.20	4.4	—	—	—	—
Group IV	79.54	17.5	—	—	—	—
Postsecondary teachers	50.97	3.7	51.85	3.9	36.68	14.0
Group III	49.89	4.9	—	—	—	—
Group IV	79.54	17.5	—	—	—	—
Life sciences teachers, postsecondary	50.39	17.3	—	—	—	—
Biological science teachers, postsecondary	50.39	17.3	—	—	—	—
Physical sciences teachers, postsecondary	62.27	4.2	62.27	4.2	—	—
Social sciences teachers, postsecondary	48.45	4.3	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	46.31	12.5	47.02	10.1	—	—
Group III	52.80	5.5	—	—	—	—
Miscellaneous postsecondary teachers	45.78	6.6	47.20	6.2	35.19	11.7
Group III	46.66	5.3	—	—	—	—
Primary, secondary, and special education school teachers	37.85	3.6	38.79	3.1	21.88	23.2
Group II	23.91	27.9	—	—	—	—
Group III	43.24	4.4	—	—	—	—
Preschool and kindergarten teachers	18.67	18.6	18.25	15.0	—	—
Group II	14.81	22.1	—	—	—	—
Preschool teachers, except special education	17.45	19.6	16.90	15.7	—	—
Group II	14.81	22.1	—	—	—	—
Elementary and middle school teachers	44.57	2.2	45.33	2.0	24.37	23.3
Group II	38.08	2.7	—	—	—	—
Group III	45.70	2.7	—	—	—	—
Elementary school teachers, except special education	44.66	3.0	45.69	2.7	24.37	23.3
Group II	36.47	4.6	—	—	—	—
Group III	46.24	3.4	46.22	3.5	—	—
Middle school teachers, except special and vocational education	44.27	1.7	44.27	1.7	—	—
Group III	44.15	1.3	44.15	1.3	—	—
Secondary school teachers	42.00	1.8	44.06	1.6	—	—
Group III	43.62	1.4	—	—	—	—
Secondary school teachers, except special and vocational education	42.00	1.8	44.06	1.6	—	—
Group III	43.62	1.4	43.62	1.4	—	—
Special education teachers	46.40	.0	46.63	.6	—	—
Group III	44.44	4.4	—	—	—	—
Special education teachers, preschool, kindergarten, and elementary school	47.38	4.9	47.83	6.9	—	—
Group III	44.79	.7	—	—	—	—
Other teachers and instructors	25.43	10.9	23.88	19.2	29.34	18.4
Group II	28.16	11.1	—	—	—	—

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 2009 — 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						
Other teachers and instructors —Continued						
Group III	\$26.74	24.7	—	—	—	—
Self-enrichment education teachers	25.06	21.4	—	—	—	—
Librarians	27.60	17.7	—	—	—	—
Teacher assistants	14.71	10.2	\$14.86	11.4	\$13.94	10.4
Group I	14.19	10.0	14.28	11.2	13.72	11.9
Arts, design, entertainment, sports, and media occupations						
Group II	27.72	7.0	28.10	7.2	16.34	22.5
Group III	17.03	4.6	—	—	—	—
Designers	35.62	5.6	—	—	—	—
Athletes, coaches, umpires, and related workers	26.80	9.7	28.36	6.4	—	—
Coaches and scouts	30.35	14.3	—	—	—	—
Writers and editors	30.35	14.3	—	—	—	—
Editors	39.83	6.4	40.31	7.9	—	—
	37.90	6.9	38.42	8.5	—	—
Healthcare practitioner and technical occupations						
Group I	34.30	5.1	34.00	6.8	35.47	3.8
Group II	16.67	6.1	—	—	—	—
Group III	27.38	2.5	—	—	—	—
Physicians and surgeons	42.45	3.1	—	—	—	—
Group III	65.22	21.4	64.44	21.3	—	—
Registered nurses	37.99	18.0	—	—	—	—
Group II	40.07	4.4	38.79	4.7	44.39	3.5
Group III	35.69	3.7	34.06	3.5	43.24	7.2
Therapists	43.35	4.4	42.74	5.3	44.92	2.7
Group III	32.03	17.5	36.77	3.1	—	—
Physical therapists	36.42	1.9	—	—	—	—
Clinical laboratory technologists and technicians	37.11	2.6	—	—	—	—
Group II	23.44	8.6	22.20	11.0	28.54	4.1
Medical and clinical laboratory technologists	22.15	11.5	—	—	—	—
Group II	25.21	16.9	23.43	20.7	—	—
Medical and clinical laboratory technicians	21.86	18.0	—	—	—	—
Emergency medical technicians and paramedics	20.52	6.7	20.21	10.3	—	—
Group II	18.12	8.6	17.70	11.2	—	—
Health diagnosing and treating practitioner support technicians	18.09	8.6	17.70	11.2	—	—
Licensed practical and licensed vocational nurses	16.83	14.1	15.65	10.9	—	—
Group II	24.28	5.2	24.83	4.8	—	—
Medical records and health information technicians	24.40	5.0	24.40	5.0	—	—
Group I	15.42	4.1	15.55	4.4	—	—
	15.00	2.9	—	—	—	—
Healthcare support occupations						
Group I	14.75	4.7	14.80	4.0	14.56	9.9
Group II	14.03	3.5	—	—	—	—
Nursing, psychiatric, and home health aides	21.56	13.6	—	—	—	—
Group I	13.00	4.2	13.11	4.5	12.41	6.1
Home health aides	12.98	4.2	—	—	—	—
Group I	11.31	5.5	11.48	4.8	—	—
Nursing aides, orderlies, and attendants	11.31	5.5	11.48	4.8	—	—
Group I	14.30	5.4	14.63	4.4	13.02	3.4
Miscellaneous healthcare support occupations	14.29	5.5	14.63	4.5	13.02	3.4
Group I	17.50	4.2	18.69	1.8	15.22	10.0
Group II	16.94	7.2	—	—	—	—
Medical assistants	20.59	13.5	—	—	—	—
Group I	17.44	2.0	18.40	2.1	15.60	3.3
	15.25	4.4	—	—	—	—
Protective service occupations						
Group I	22.68	8.5	23.32	9.8	16.45	21.2
Group II	13.39	9.3	—	—	—	—
Fire fighters	24.86	8.2	—	—	—	—
Group II	25.08	3.1	25.41	1.5	—	—
Bailiffs, correctional officers, and jailers	25.08	.5	25.08	.5	—	—
Group II	27.76	1.1	27.82	.9	—	—
	27.76	1.1	—	—	—	—

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 2009** — 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)
Protective service occupations —Continued						
Police officers	\$28.59	7.8	\$27.79	5.2	—	—
Group II	27.81	5.6	—	—	—	—
Police and sheriff's patrol officers	28.59	7.8	27.79	5.2	—	—
Group II	27.81	5.6	26.88	1.9	—	—
Security guards and gaming surveillance officers	15.91	8.4	17.81	10.9	\$12.82	9.9
Group I	14.76	4.8	—	—	—	—
Security guards	15.91	8.4	17.81	10.9	12.82	9.9
Group I	14.76	4.8	—	—	—	—
Miscellaneous protective service workers	15.12	13.8	—	—	—	—
Food preparation and serving related occupations						
Group I	10.11	4.9	11.80	4.5	8.12	3.2
Group II	9.51	1.9	—	—	—	—
Group II	27.39	25.7	—	—	—	—
First-line supervisors/managers, food preparation and serving workers	22.00	15.9	22.00	15.9	—	—
Group II	27.39	25.7	—	—	—	—
First-line supervisors/managers of food preparation and serving workers	18.14	3.5	18.14	3.5	—	—
Cooks	12.44	2.2	12.37	2.6	12.86	3.1
Group I	12.32	2.5	—	—	—	—
Cooks, institution and cafeteria	12.43	7.6	12.20	7.0	—	—
Group I	12.43	7.6	12.20	7.0	—	—
Cooks, restaurant	12.27	2.5	12.16	3.7	—	—
Group I	12.17	3.1	11.98	5.0	—	—
Food preparation workers	12.57	6.7	—	—	—	—
Group I	12.57	6.7	—	—	—	—
Food service, tipped	5.93	3.2	6.88	9.4	5.63	2.3
Group I	6.03	2.6	—	—	—	—
Bartenders	6.52	3.3	—	—	6.72	3.3
Group I	6.72	3.3	—	—	6.72	3.3
Waiters and waitresses	4.14	14.7	—	—	3.54	7.0
Group I	4.18	14.3	—	—	3.56	7.7
Dining room and cafeteria attendants and bartender helpers	8.90	4.4	—	—	8.40	10.6
Group I	8.90	4.4	—	—	8.40	10.6
Fast food and counter workers	9.33	1.2	9.84	2.2	8.79	2.5
Group I	9.24	1.3	—	—	—	—
Combined food preparation and serving workers, including fast food	9.69	4.1	10.60	9.4	8.71	4.0
Group I	9.47	3.1	10.20	6.1	8.71	4.0
Counter attendants, cafeteria, food concession, and coffee shop	9.07	2.1	9.28	3.2	8.85	7.0
Group I	9.07	2.1	9.28	3.2	8.85	7.0
Dishwashers	9.41	1.3	9.59	3.9	—	—
Group I	9.41	1.3	9.59	3.9	—	—
Building and grounds cleaning and maintenance occupations						
Group I	14.21	2.2	14.88	3.3	12.13	3.1
Group II	13.00	4.2	—	—	—	—
Group II	24.67	3.3	—	—	—	—
Building cleaning workers	13.35	4.1	13.82	5.9	12.16	3.1
Group I	13.13	4.5	—	—	—	—
Janitors and cleaners, except maids and housekeeping cleaners	14.29	2.2	15.19	3.4	12.26	3.6
Group I	14.04	2.7	14.93	4.0	12.24	3.7
Maids and housekeeping cleaners	10.20	6.3	9.80	5.8	11.67	2.4
Group I	10.08	6.2	9.63	5.4	—	—
Grounds maintenance workers	17.89	13.3	18.12	13.5	—	—
Group I	11.43	7.4	—	—	—	—
Group II	25.95	2.3	—	—	—	—
Landscaping and groundskeeping workers	17.38	15.2	17.61	15.5	—	—
Group I	11.43	7.4	11.49	7.8	—	—
Personal care and service occupations						
Group I	14.55	4.7	17.88	5.7	10.42	6.3
Group I	10.95	6.3	—	—	—	—

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 2009 — 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)
Personal care and service occupations —Continued						
Group II	\$28.91	9.8	—	—	—	—
Transportation attendants	35.11	8.5	—	—	—	—
Child care workers	10.60	5.5	—	—	\$9.45	4.8
Group I	9.87	3.1	—	—	9.28	4.5
Recreation and fitness workers	12.57	8.1	—	—	12.38	11.3
Group I	11.65	6.0	—	—	—	—
Fitness trainers and aerobics instructors	12.29	12.5	—	—	12.29	12.5
Group I	10.64	4.0	—	—	10.64	4.0
Recreation workers	13.03	11.7	—	—	—	—
Group I	13.03	11.7	—	—	—	—
Sales and related occupations						
Group I	19.92	3.8	\$23.95	4.0	10.31	3.4
Group II	12.21	8.2	—	—	—	—
Group III	24.07	8.6	—	—	—	—
Group III	53.33	12.7	—	—	—	—
First-line supervisors/managers, sales workers	18.36	3.5	18.50	3.6	—	—
Group II	19.03	1.8	—	—	—	—
First-line supervisors/managers of retail sales workers	18.36	4.2	18.52	4.3	—	—
Group II	19.27	2.8	19.27	2.8	—	—
Retail sales workers	12.21	8.8	15.06	6.8	9.62	1.8
Group I	11.73	10.0	—	—	—	—
Group II	23.53	12.4	—	—	—	—
Cashiers, all workers	10.10	2.3	12.42	12.0	9.43	2.3
Group I	10.00	2.5	—	—	—	—
Cashiers	10.08	2.2	12.42	12.0	9.39	2.2
Group I	9.98	2.4	12.47	15.9	9.36	2.2
Counter and rental clerks and parts salespersons	12.89	9.5	14.95	10.7	8.90	9.2
Group I	12.52	12.2	—	—	—	—
Counter and rental clerks	11.52	13.7	—	—	8.50	5.2
Group I	11.52	13.7	—	—	8.50	5.2
Parts salespersons	17.44	7.1	—	—	—	—
Retail salespersons	14.31	13.1	16.13	11.9	10.51	2.3
Group I	13.58	14.7	15.57	13.6	10.52	2.2
Securities, commodities, and financial services sales agents	83.91	10.2	88.37	5.5	—	—
Sales representatives, wholesale and manufacturing	31.00	10.6	31.00	10.6	—	—
Group II	23.83	14.3	—	—	—	—
Group III	44.95	4.5	—	—	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	39.13	12.4	39.13	12.4	—	—
Group III	47.42	11.2	47.42	11.2	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.65	14.6	24.65	14.6	—	—
Group II	23.40	18.3	23.40	18.3	—	—
Miscellaneous sales and related workers	29.11	20.5	30.04	22.1	—	—
Office and administrative support occupations						
Group I	18.84	1.6	19.50	1.8	14.75	6.0
Group II	15.75	2.4	—	—	—	—
Group II	22.86	3.6	—	—	—	—
First-line supervisors/managers of office and administrative support workers	31.30	10.9	31.30	10.9	—	—
Group II	31.38	13.3	31.38	13.3	—	—
Switchboard operators, including answering service	14.39	18.8	—	—	—	—
Financial clerks	17.90	2.9	18.43	4.0	15.13	5.7
Group I	15.29	2.4	—	—	—	—
Group II	22.73	4.3	—	—	—	—
Billing and posting clerks and machine operators	15.86	7.8	16.36	8.6	—	—
Group I	14.86	10.2	15.23	10.6	—	—
Bookkeeping, accounting, and auditing clerks	20.94	3.6	21.72	4.3	—	—
Group I	15.71	2.8	—	—	—	—
Group II	24.14	5.4	24.14	5.4	—	—
Tellers	14.21	3.2	14.42	3.6	—	—
Group I	14.35	1.5	14.62	.6	—	—
Brokerage clerks	19.33	7.5	19.33	7.5	—	—
Customer service representatives	19.30	9.0	19.63	9.5	15.02	11.8

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 2009 — 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						
Customer service representatives —Continued						
Group I	\$14.98	5.7	\$15.39	6.4	—	—
Group II	22.09	12.4	22.06	12.9	—	—
Order clerks	19.07	6.3	—	—	—	—
Receptionists and information clerks	15.25	3.5	15.50	4.0	\$14.12	11.1
Group I	15.30	3.7	15.42	4.1	14.69	10.7
Reservation and transportation ticket agents and travel clerks						
Group I	14.65	14.9	—	—	—	—
Group II	13.63	5.2	—	—	—	—
Dispatchers	23.06	13.3	—	—	—	—
Shipping, receiving, and traffic clerks	18.38	6.4	18.38	6.4	—	—
Group I	15.91	4.0	15.91	4.0	—	—
Stock clerks and order fillers	11.84	5.2	15.45	14.4	9.60	3.9
Group I	11.34	4.4	14.36	12.6	9.60	3.9
Secretaries and administrative assistants	21.21	1.6	21.60	1.7	17.08	7.6
Group I	18.21	4.3	—	—	—	—
Group II	23.36	3.7	—	—	—	—
Executive secretaries and administrative assistants	24.62	2.1	24.62	2.1	—	—
Group II	25.04	2.3	25.04	2.3	—	—
Medical secretaries	18.11	3.3	18.20	2.6	17.67	8.0
Group I	18.05	5.9	18.19	6.2	—	—
Secretaries, except legal, medical, and executive	19.35	2.6	19.74	2.9	—	—
Group I	17.34	4.4	17.63	4.4	—	—
Group II	22.12	2.9	22.11	3.3	—	—
Data entry and information processing workers	13.39	6.4	13.35	7.0	—	—
Group I	12.64	2.5	—	—	—	—
Data entry keyers	13.38	7.0	13.34	7.7	—	—
Group I	12.56	2.5	—	—	—	—
Insurance claims and policy processing clerks	18.25	4.5	18.25	4.5	—	—
Group I	16.42	8.1	16.42	8.1	—	—
Group II	19.34	7.2	19.34	7.2	—	—
Office clerks, general	20.35	3.4	20.48	3.9	19.93	8.4
Group I	18.65	6.2	17.77	7.4	20.03	8.5
Group II	23.24	2.9	23.38	3.1	—	—
Construction and extraction occupations						
Group I	28.03	9.3	28.68	9.2	—	—
Group II	20.53	19.9	—	—	—	—
Group III	29.49	2.9	—	—	—	—
First-line supervisors/managers of construction trades and extraction workers						
Group II	33.39	5.0	33.39	5.0	—	—
Group III	33.90	6.7	33.90	6.7	—	—
Carpenters	32.98	2.7	33.03	2.8	—	—
Group II	31.86	1.6	31.93	1.7	—	—
Construction laborers	26.87	27.1	33.00	21.6	—	—
Electricians	29.28	7.3	29.28	7.3	—	—
Group II	28.66	1.5	28.66	1.5	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	23.21	14.3	23.21	14.3	—	—
Group II	27.04	5.9	—	—	—	—
Plumbers, pipefitters, and steamfitters	27.22	5.5	27.22	5.5	—	—
Group II	27.04	5.9	27.04	5.9	—	—
Installation, maintenance, and repair occupations						
Group I	25.64	6.3	25.79	6.1	—	—
Group II	16.52	5.3	—	—	—	—
Group III	26.57	7.1	—	—	—	—
First-line supervisors/managers of mechanics, installers, and repairers						
Group I	34.78	8.2	34.78	8.2	—	—
Group II	27.73	23.0	27.88	22.9	—	—
Group III	29.20	22.3	—	—	—	—
Automotive service technicians and mechanics	27.52	23.5	27.68	23.5	—	—
Group II	29.03	23.2	29.24	23.0	—	—
Industrial machinery installation, repair, and maintenance workers						
Group I	21.29	4.7	21.33	4.8	—	—
Group II	21.40	1.5	—	—	—	—
Maintenance and repair workers, general	20.75	6.0	20.80	6.1	—	—

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 2009** — 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)
Installation, maintenance, and repair occupations						
—Continued						
Maintenance and repair workers, general —Continued						
Group II	\$21.25	2.5	\$21.25	2.5	—	—
Line installers and repairers	28.92	4.0	28.92	4.0	—	—
Group II	28.42	5.9	—	—	—	—
Telecommunications line installers and repairers	28.26	7.2	28.26	7.2	—	—
Group II	28.26	7.2	28.26	7.2	—	—
Production occupations	16.86	7.9	17.04	7.9	\$10.66	1.3
Group I	12.83	3.3	—	—	—	—
Group II	21.77	6.6	—	—	—	—
First-line supervisors/managers of production and operating workers	28.27	10.4	28.27	10.4	—	—
Group II	28.27	10.4	28.27	10.4	—	—
Electrical, electronics, and electromechanical assemblers	14.46	6.8	14.46	6.8	—	—
Group I	13.07	11.3	—	—	—	—
Electrical and electronic equipment assemblers	14.15	10.2	14.15	10.2	—	—
Miscellaneous assemblers and fabricators	13.20	12.6	13.20	12.6	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic	17.23	3.8	17.23	3.8	—	—
Machinists	24.54	2.2	24.54	2.2	—	—
Group II	24.54	2.2	24.54	2.2	—	—
Printers	16.88	17.1	16.88	17.1	—	—
Printing machine operators	17.53	9.2	17.53	9.2	—	—
Inspectors, testers, sorters, samplers, and weighers	17.26	2.7	17.26	2.7	—	—
Group I	13.94	2.7	13.94	2.7	—	—
Group II	20.11	2.0	20.11	2.0	—	—
Miscellaneous production workers	13.31	3.0	13.62	.0	—	—
Transportation and material moving occupations	16.54	5.5	17.95	6.9	11.15	5.6
Group I	14.16	5.2	—	—	—	—
Group II	23.10	10.9	—	—	—	—
Bus drivers	17.42	6.4	—	—	14.72	4.9
Group I	14.48	5.1	—	—	—	—
Bus drivers, school	16.51	7.1	—	—	—	—
Driver/sales workers and truck drivers	18.92	6.7	19.55	5.8	13.22	17.9
Group I	17.83	7.6	—	—	—	—
Truck drivers, heavy and tractor-trailer	20.98	7.3	21.00	7.4	—	—
Group I	20.20	10.2	20.23	10.3	—	—
Truck drivers, light or delivery services	16.39	14.7	16.85	14.2	—	—
Group I	16.39	14.7	16.85	14.2	—	—
Industrial truck and tractor operators	17.78	10.2	17.92	9.8	—	—
Group I	17.78	10.2	17.92	9.8	—	—
Laborers and material movers, hand	12.17	3.9	13.33	5.5	9.75	1.9
Group I	11.88	3.8	—	—	—	—
Cleaners of vehicles and equipment	11.51	11.2	—	—	—	—
Group I	11.51	11.2	—	—	—	—
Laborers and freight, stock, and material movers, hand	13.19	8.7	13.78	10.8	11.04	7.6
Group I	12.78	8.5	13.27	10.2	11.05	7.7
Packers and packagers, hand	—	—	11.79	6.7	—	—
Group I	—	—	11.46	7.6	—	—

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 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$10.00	\$14.00	\$21.24	\$33.65	\$49.03
Management occupations	24.86	31.20	43.11	57.65	75.32
General and operations managers	23.76	33.37	40.62	54.32	96.15
Marketing and sales managers	24.86	37.27	48.69	67.54	92.03
Marketing managers	29.95	37.27	48.65	73.42	104.52
Sales managers	24.86	36.32	50.48	57.18	92.03
Computer and information systems managers	33.68	45.21	52.19	61.51	81.73
Financial managers	26.74	41.61	53.97	71.34	83.33
Human resources managers	32.70	38.70	45.51	53.99	74.52
Compensation and benefits managers	31.73	32.70	36.49	74.52	79.33
Industrial production managers	36.72	40.00	41.74	48.82	76.92
Construction managers	24.00	27.31	32.05	32.05	34.15
Education administrators	21.45	29.17	45.35	58.17	65.24
Education administrators, elementary and secondary school	45.35	47.46	54.58	59.10	66.77
Education administrators, postsecondary	24.16	29.17	38.23	58.17	65.24
Engineering managers	37.51	41.70	54.31	61.40	68.56
Medical and health services managers	26.26	30.21	34.30	40.86	43.26
Social and community service managers	21.63	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.56	22.10	29.22	38.13	49.89
Buyers and purchasing agents	15.39	19.59	26.94	32.50	34.31
Wholesale and retail buyers, except farm products	14.21	19.59	20.00	34.00	34.00
Purchasing agents, except wholesale, retail, and farm products	18.95	22.90	29.02	32.50	39.06
Claims adjusters, appraisers, examiners, and investigators	18.58	21.23	29.31	37.87	45.50
Claims adjusters, examiners, and investigators	18.15	19.68	29.14	37.87	45.50
Compliance officers, except agriculture, construction, health and safety, and transportation	18.51	18.56	21.84	26.49	28.53
Human resources, training, and labor relations specialists	18.61	24.05	29.37	39.30	47.03
Compensation, benefits, and job analysis specialists ..	24.20	24.20	28.25	35.17	37.86
Training and development specialists	24.89	24.89	35.38	41.69	47.17
Management analysts	26.44	31.25	36.74	55.94	78.48
Accountants and auditors	17.82	19.76	29.47	33.91	42.77
Financial analysts and advisors	24.04	25.63	33.67	42.07	100.96
Financial analysts	25.63	26.44	36.17	42.56	105.00
Computer and mathematical science occupations	23.41	32.69	41.83	49.28	55.72
Computer programmers	26.44	27.36	31.13	37.39	42.83
Computer software engineers	31.08	38.24	45.96	54.23	71.76
Computer software engineers, applications	32.69	36.27	46.36	55.29	85.47
Computer software engineers, systems software	29.94	42.09	45.41	52.85	65.75
Computer support specialists	21.15	24.05	35.43	44.42	55.70
Computer systems analysts	30.63	34.19	40.85	48.75	54.12
Network and computer systems administrators	19.23	27.17	45.96	49.54	51.50
Network systems and data communications analysts	27.56	33.30	35.59	37.28	41.13
Architecture and engineering occupations	20.35	28.54	38.46	46.78	55.00
Architects, except naval	17.10	25.73	29.77	39.68	39.97
Architects, except landscape and naval	17.10	19.38	29.77	39.97	55.00
Engineers	29.86	37.62	43.19	49.59	60.58
Electrical and electronics engineers	28.47	40.09	45.43	49.28	56.01
Electrical engineers	32.28	37.58	45.72	46.70	49.28
Electronics engineers, except computer	27.06	40.67	45.43	51.99	56.04
Industrial engineers, including health and safety	30.10	31.75	37.68	43.68	47.87
Industrial engineers	31.70	32.83	39.01	43.68	48.72
Mechanical engineers	25.48	32.34	44.01	47.52	53.02
Engineering technicians, except drafters	15.60	19.36	25.35	32.75	36.73
Electrical and electronic engineering technicians	15.60	17.17	22.44	36.73	38.72
Life, physical, and social science occupations	18.72	21.64	27.04	40.18	60.10
Life scientists	19.83	20.41	27.04	37.33	51.52
Biological scientists	32.25	35.12	40.91	49.28	66.68
Biochemists and biophysicists	25.28	32.25	44.40	51.52	68.46
Physical scientists	21.23	22.71	25.96	33.65	59.62
Market and survey researchers	21.64	27.89	39.25	63.46	99.42
Market research analysts	21.64	27.89	39.25	63.46	99.42

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Life, physical, and social science occupations					
—Continued					
Psychologists	\$12.02	\$13.46	\$15.47	\$48.05	\$51.16
Community and social services occupations					
Counselors	12.16	16.09	21.56	27.97	34.88
Educational, vocational, and school counselors	11.36	12.46	22.00	27.97	52.00
Social workers	19.63	22.19	38.75	52.00	57.82
Child, family, and school social workers	14.84	19.38	24.70	30.20	32.70
Miscellaneous community and social service specialists	14.46	15.07	23.10	30.20	44.19
Social and human service assistants	12.16	14.88	16.09	17.95	23.44
.....	12.16	14.88	16.09	17.95	17.95
Legal occupations					
Lawyers	17.17	23.08	28.99	96.46	96.46
.....	24.52	41.99	96.46	96.46	110.44
Education, training, and library occupations					
Postsecondary teachers	12.50	19.23	36.51	49.54	57.64
Life sciences teachers, postsecondary	31.32	37.28	48.08	56.92	74.23
Biological science teachers, postsecondary	30.90	30.90	52.62	52.62	77.44
Physical sciences teachers, postsecondary	30.90	30.90	52.62	52.62	77.44
Social sciences teachers, postsecondary	48.89	53.61	56.92	66.15	77.90
Arts, communications, and humanities teachers, postsecondary	40.19	48.08	48.08	49.77	49.77
Miscellaneous postsecondary teachers	34.48	34.48	42.14	50.20	74.14
.....	31.17	35.75	42.12	49.96	66.14
Primary, secondary, and special education school teachers	12.00	26.09	40.89	50.42	56.89
Preschool and kindergarten teachers	9.85	11.50	13.50	18.11	42.29
Preschool teachers, except special education	9.75	11.50	13.50	16.54	39.85
Elementary and middle school teachers	28.24	37.21	44.91	53.69	58.98
Elementary school teachers, except special education	26.09	37.01	44.91	54.99	59.83
Middle school teachers, except special and vocational education	31.45	37.22	44.73	50.26	55.86
Secondary school teachers	26.38	34.51	44.02	51.59	57.39
Secondary school teachers, except special and vocational education	26.38	34.51	44.02	51.59	57.39
Special education teachers	34.76	38.33	46.96	52.30	56.87
Special education teachers, preschool, kindergarten, and elementary school	34.76	37.14	46.96	54.07	58.85
Other teachers and instructors	19.23	19.23	20.00	33.02	48.52
Self-enrichment education teachers	19.23	19.23	19.23	22.00	49.61
Librarians	19.16	22.00	22.00	25.59	55.18
Teacher assistants	8.50	11.79	14.50	16.30	19.90
Arts, design, entertainment, sports, and media occupations					
Designers	15.50	18.50	26.44	32.65	39.50
Athletes, coaches, umpires, and related workers	20.00	22.30	29.21	31.25	36.62
Coaches and scouts	18.97	20.70	34.01	34.01	48.21
Writers and editors	18.97	20.70	34.01	34.01	48.21
Editors	29.61	33.57	38.60	48.31	50.48
.....	28.39	31.84	33.65	39.50	50.48
Healthcare practitioner and technical occupations					
Physicians and surgeons	15.98	22.12	28.95	38.57	56.49
Registered nurses	25.03	28.23	52.89	91.50	138.77
Therapists	27.24	30.11	35.18	50.25	58.36
Physical therapists	15.38	25.50	35.02	38.57	42.40
Clinical laboratory technologists and technicians	32.65	32.65	37.96	38.57	42.40
Medical and clinical laboratory technologists	16.11	16.84	19.62	30.52	32.66
Medical and clinical laboratory technicians	15.98	16.84	27.57	31.43	35.58
Emergency medical technicians and paramedics	17.22	17.94	18.86	23.08	27.00
Health diagnosing and treating practitioner support technicians	13.00	13.65	16.36	21.26	26.56
.....	10.00	14.16	16.00	17.85	25.00
Licensed practical and licensed vocational nurses	19.13	22.08	23.39	26.16	28.12
Medical records and health information technicians	13.32	15.15	15.15	15.66	17.00
Healthcare support occupations					
Nursing, psychiatric, and home health aides	10.30	11.69	13.68	16.77	21.00
Home health aides	10.30	11.00	12.43	14.40	16.68
.....	9.30	10.30	11.00	12.41	13.05

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Healthcare support occupations —Continued					
Nursing aides, orderlies, and attendants	\$11.60	\$12.15	\$13.68	\$15.51	\$18.39
Miscellaneous healthcare support occupations	11.14	14.50	16.90	20.60	23.13
Medical assistants	12.00	14.65	16.71	18.54	24.50
Protective service occupations					
Fire fighters	11.90	14.62	23.29	28.71	33.02
Bailiffs, correctional officers, and jailers	22.38	22.51	24.19	28.71	31.20
Police officers	21.98	25.49	28.11	30.58	33.02
Police and sheriff's patrol officers	22.48	24.18	26.31	29.81	42.27
Security guards and gaming surveillance officers	22.48	24.18	26.31	29.81	42.27
Security guards	10.04	13.49	15.09	16.41	19.11
Miscellaneous protective service workers	10.04	13.49	15.09	16.41	19.11
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	8.50	10.38	17.06	18.83	18.83
First-line supervisors/managers of food preparation and serving workers	3.52	8.00	9.65	12.10	14.63
Cooks	13.67	15.00	19.31	21.32	47.12
Cooks, institution and cafeteria	13.67	13.95	16.50	20.80	26.04
Cooks, restaurant	9.77	10.77	13.00	13.50	15.15
Food preparation workers	10.77	11.15	11.15	14.25	15.96
Food service, tipped	8.40	10.00	12.50	14.50	15.15
Bartenders	9.00	11.00	12.42	13.15	16.80
Waiters and waitresses	2.63	2.71	4.49	8.00	10.57
Dining room and cafeteria attendants and bartender helpers	2.71	4.49	8.00	8.00	8.00
Fast food and counter workers	2.63	2.63	3.26	3.50	10.00
Combined food preparation and serving workers, including fast food	5.00	7.50	8.50	10.90	12.50
Counter attendants, cafeteria, food concession, and coffee shop	7.50	8.15	9.10	10.00	11.61
Dishwashers	7.50	8.30	9.10	10.00	12.24
Building and grounds cleaning and maintenance occupations					
Building cleaning workers	10.00	10.89	13.19	15.18	19.92
Janitors and cleaners, except maids and housekeeping cleaners	10.00	10.89	13.17	14.45	18.41
Maids and housekeeping cleaners	10.89	12.45	13.71	15.08	19.26
Grounds maintenance workers	8.00	8.90	10.00	11.43	12.45
Landscaping and groundskeeping workers	10.00	12.00	13.92	26.44	26.44
Personal care and service occupations					
Transportation attendants	10.00	11.90	13.92	26.44	26.44
Child care workers	8.07	9.22	11.00	13.63	31.80
Recreation and fitness workers	9.00	31.80	39.50	42.22	49.64
Fitness trainers and aerobics instructors	8.40	8.93	10.28	12.00	13.63
Recreation workers	8.50	10.00	11.66	14.00	15.15
Sales and related occupations					
First-line supervisors/managers, sales workers	8.25	10.00	10.25	12.00	22.00
First-line supervisors/managers of retail sales workers	9.78	11.66	11.66	15.15	15.15
Retail sales workers	8.33	10.36	14.18	22.36	35.90
Cashiers, all workers	12.01	14.23	17.07	20.94	26.93
Cashiers	12.01	14.23	17.07	20.07	26.93
Counter and rental clerks and parts salespersons	8.08	8.50	10.99	13.42	18.00
Counter and rental clerks	8.00	8.30	9.00	11.00	12.70
Parts salespersons	8.00	8.30	9.00	11.00	12.82
Retail salespersons	8.00	8.75	12.00	16.55	20.77
Securities, commodities, and financial services sales agents	8.00	8.50	11.00	12.39	18.00
Sales representatives, wholesale and manufacturing, technical and scientific products	12.63	12.75	16.55	22.89	24.90
Sales representatives, wholesale and manufacturing, except technical and scientific products	8.50	10.00	12.20	16.53	20.77
Miscellaneous sales and related workers	16.12	58.78	82.05	107.57	107.57
	17.30	20.43	28.71	37.59	50.48
	21.64	28.75	37.59	50.48	55.74
	16.62	18.75	23.16	28.80	36.14
	16.90	16.90	21.00	40.39	52.39

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Office and administrative support occupations	\$12.00	\$14.46	\$18.00	\$22.00	\$26.85
First-line supervisors/managers of office and administrative support workers	18.13	25.02	31.43	40.00	45.00
Switchboard operators, including answering service	8.92	8.92	13.27	13.77	26.27
Financial clerks	11.73	14.19	17.33	20.11	25.40
Billing and posting clerks and machine operators	9.00	12.94	16.25	20.00	20.22
Bookkeeping, accounting, and auditing clerks	14.50	16.02	19.23	23.22	33.69
Tellers	11.26	11.79	13.39	16.15	18.10
Brokerage clerks	16.43	17.95	18.52	20.41	22.92
Customer service representatives	12.26	14.26	17.95	22.00	31.27
Order clerks	11.00	19.32	19.81	19.81	21.39
Receptionists and information clerks	11.00	12.99	15.00	16.83	21.01
Reservation and transportation ticket agents and travel clerks	9.00	10.00	12.50	19.35	21.54
Dispatchers	13.00	18.79	21.94	25.31	36.13
Shipping, receiving, and traffic clerks	12.50	14.37	16.00	21.43	27.79
Stock clerks and order fillers	8.00	8.75	10.23	14.00	17.54
Secretaries and administrative assistants	15.46	17.89	20.50	24.90	27.32
Executive secretaries and administrative assistants	19.59	21.06	24.07	27.17	28.85
Medical secretaries	14.42	16.48	18.00	19.31	22.04
Secretaries, except legal, medical, and executive	13.70	16.78	19.59	22.09	24.93
Data entry and information processing workers	10.50	12.29	12.29	14.46	18.15
Data entry keyers	10.50	12.29	12.29	14.46	18.15
Insurance claims and policy processing clerks	13.25	15.16	16.72	20.35	25.49
Office clerks, general	13.10	16.75	20.39	23.24	26.84
Construction and extraction occupations	16.00	20.00	27.35	36.44	41.21
First-line supervisors/managers of construction trades and extraction workers	25.48	25.48	33.10	35.00	45.35
Carpenters	20.30	28.45	34.58	36.99	39.93
Construction laborers	7.25	13.50	27.55	29.30	46.10
Electricians	18.75	20.50	26.75	41.21	41.21
Pipelayers, plumbers, pipefitters, and steamfitters	13.00	14.00	23.06	31.67	32.08
Plumbers, pipefitters, and steamfitters	22.00	23.06	28.02	31.67	32.08
Installation, maintenance, and repair occupations	16.00	19.23	24.24	31.00	34.31
First-line supervisors/managers of mechanics, installers, and repairers	27.65	28.00	32.24	43.10	43.51
Automotive technicians and repairers	17.00	19.00	26.25	27.50	51.67
Automotive service technicians and mechanics	16.00	19.00	25.16	27.50	51.67
Industrial machinery installation, repair, and maintenance workers	17.50	18.54	20.80	23.04	27.08
Maintenance and repair workers, general	17.24	17.50	19.15	22.55	27.08
Line installers and repairers	22.87	23.32	29.68	31.95	34.31
Telecommunications line installers and repairers	22.87	23.32	29.68	31.95	34.31
Production occupations	10.25	11.82	15.00	20.13	26.16
First-line supervisors/managers of production and operating workers	21.22	22.29	27.28	35.13	35.13
Electrical, electronics, and electromechanical assemblers	10.92	11.54	14.25	17.00	18.21
Electrical and electronic equipment assemblers	10.92	11.34	13.40	16.18	18.45
Miscellaneous assemblers and fabricators	8.25	11.00	12.75	14.85	15.23
Machine tool cutting setters, operators, and tenders, metal and plastic	11.69	13.66	15.41	19.65	27.66
Machinists	19.37	19.37	23.51	31.11	32.02
Printers	10.25	10.85	18.00	22.00	23.10
Printing machine operators	10.50	13.00	18.00	22.00	25.13
Inspectors, testers, sorters, samplers, and weighers	12.22	14.76	16.44	19.69	22.50
Miscellaneous production workers	9.69	10.30	12.95	15.42	18.82
Transportation and material moving occupations	8.25	10.47	15.70	19.95	24.10
Bus drivers	13.00	13.00	16.66	19.00	29.02
Bus drivers, school	11.00	16.38	17.13	18.12	19.00
Driver/sales workers and truck drivers	9.03	16.13	19.95	21.81	27.40
Truck drivers, heavy and tractor-trailer	16.04	18.35	20.70	24.15	28.50
Truck drivers, light or delivery services	9.03	10.50	16.50	20.26	24.10
Industrial truck and tractor operators	12.06	15.75	19.30	21.86	21.86
Laborers and material movers, hand	8.00	8.75	11.50	14.55	16.30

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009** — Continued

Occupation ²	10	25	Median 50	75	90
Transportation and material moving occupations —Continued					
Cleaners of vehicles and equipment	\$8.50	\$9.00	\$10.22	\$12.00	\$17.21
Laborers and freight, stock, and material movers, hand	8.00	10.00	13.00	15.75	17.88

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 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$9.85	\$13.32	\$20.11	\$32.72	\$48.75
Management occupations	24.16	31.20	43.11	58.17	79.33
General and operations managers	23.76	34.52	40.62	66.27	96.15
Marketing and sales managers	24.86	37.27	48.69	67.54	92.03
Marketing managers	29.95	37.27	48.65	73.42	104.52
Sales managers	24.86	36.32	50.48	57.18	92.03
Computer and information systems managers	33.68	45.21	52.19	61.51	81.73
Financial managers	26.74	41.61	54.95	71.34	83.33
Human resources managers	32.70	38.70	45.51	53.99	74.52
Compensation and benefits managers	31.73	32.70	36.49	74.52	79.33
Industrial production managers	36.72	40.00	41.74	48.82	76.92
Education administrators	18.80	26.49	37.50	58.17	65.24
Education administrators, postsecondary	24.16	29.17	40.05	58.17	65.24
Engineering managers	37.51	41.27	54.23	61.40	68.56
Medical and health services managers	25.81	29.24	35.31	40.86	57.65
Social and community service managers	21.63	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.56	21.95	29.21	38.13	49.89
Buyers and purchasing agents	15.39	19.59	26.94	32.50	34.31
Wholesale and retail buyers, except farm products	14.21	19.59	20.00	34.00	34.00
Purchasing agents, except wholesale, retail, and farm products	18.95	22.90	29.02	32.50	39.06
Claims adjusters, appraisers, examiners, and investigators	18.58	21.23	29.31	37.87	45.50
Claims adjusters, examiners, and investigators	18.15	19.68	29.14	37.87	45.50
Compliance officers, except agriculture, construction, health and safety, and transportation	17.96	18.56	21.84	24.77	28.53
Human resources, training, and labor relations specialists	18.61	24.05	29.37	37.86	44.28
Compensation, benefits, and job analysis specialists	24.20	24.20	28.25	35.17	37.86
Training and development specialists	24.89	24.89	35.38	41.69	47.17
Management analysts	26.44	31.25	36.74	55.94	78.48
Accountants and auditors	17.30	19.43	29.47	33.91	49.12
Financial analysts and advisors	24.04	25.63	33.67	42.07	100.96
Financial analysts	25.63	26.44	36.17	42.56	105.00
Computer and mathematical science occupations	22.88	32.82	42.21	49.69	55.88
Computer software engineers	31.08	38.24	45.96	54.23	71.76
Computer software engineers, applications	32.69	36.27	46.36	55.29	85.47
Computer software engineers, systems software	29.94	42.09	45.41	52.85	65.75
Computer support specialists	21.15	23.70	35.43	44.71	55.70
Computer systems analysts	28.21	34.19	41.25	48.75	54.12
Network and computer systems administrators	19.23	31.58	45.96	49.54	52.07
Network systems and data communications analysts	27.56	27.56	33.67	35.59	51.52
Architecture and engineering occupations	20.35	28.85	38.46	46.78	55.29
Architects, except naval	17.10	25.73	29.77	39.68	39.97
Architects, except landscape and naval	17.10	19.38	29.77	39.97	55.00
Engineers	29.78	37.50	43.19	49.83	60.71
Electrical and electronics engineers	28.40	38.85	45.43	49.01	56.01
Electrical engineers	31.78	36.47	43.99	46.70	46.70
Electronics engineers, except computer	27.06	40.67	45.43	51.99	56.04
Industrial engineers, including health and safety	30.10	31.75	37.68	43.68	47.87
Industrial engineers	31.70	32.83	39.01	43.68	48.72
Mechanical engineers	25.48	32.34	44.01	47.52	53.02
Engineering technicians, except drafters	15.60	17.17	24.59	34.59	36.73
Electrical and electronic engineering technicians	15.60	17.17	22.44	36.73	38.72
Life, physical, and social science occupations	19.23	21.64	27.04	40.18	61.36
Life scientists	19.83	20.41	27.04	38.39	51.52
Biological scientists	32.25	35.12	40.91	49.28	66.68
Biochemists and biophysicists	25.28	32.25	44.40	51.52	68.46
Physical scientists	21.23	22.71	25.96	33.65	59.62
Market and survey researchers	21.64	27.89	43.42	99.42	99.42
Market research analysts	21.64	27.89	43.42	99.42	99.42
Community and social services occupations	11.85	14.46	17.95	21.56	24.87
Counselors	11.00	11.58	12.91	20.01	21.87
Social workers	14.46	15.39	20.68	24.70	29.66

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Community and social services occupations					
—Continued					
Miscellaneous community and social service specialists	\$12.16	\$14.88	\$16.09	\$17.95	\$23.44
Social and human service assistants	12.16	14.88	16.09	17.95	17.95
Legal occupations					
Lawyers	23.08	24.52	34.67	96.46	96.46
.....	24.52	72.87	96.46	96.46	110.44
Education, training, and library occupations					
Postsecondary teachers	10.15	14.77	28.43	47.30	56.58
Life sciences teachers, postsecondary	30.90	37.05	48.08	56.25	74.23
Biological science teachers, postsecondary	30.90	30.90	52.62	52.62	77.44
Arts, communications, and humanities teachers, postsecondary	30.90	30.90	52.62	52.62	77.44
Miscellaneous postsecondary teachers	34.48	34.48	42.14	47.85	75.40
Primary, secondary, and special education school teachers	31.17	35.75	42.12	49.96	66.14
Preschool and kindergarten teachers	10.00	12.00	14.85	27.63	42.29
Preschool teachers, except special education	9.65	11.50	13.00	16.28	20.48
.....	9.65	11.50	13.00	16.28	20.48
Other teachers and instructors	19.23	19.23	19.23	20.00	23.50
Teacher assistants	8.50	8.50	10.50	14.74	16.30
Arts, design, entertainment, sports, and media occupations					
Designers	15.50	18.50	28.75	33.51	39.50
Athletes, coaches, umpires, and related workers	20.00	22.30	29.21	31.25	36.62
Coaches and scouts	19.23	22.33	34.01	34.01	48.21
Writers and editors	19.23	22.33	34.01	34.01	48.21
Editors	29.61	33.57	38.60	48.31	50.48
.....	28.39	31.84	33.65	39.50	50.48
Healthcare practitioner and technical occupations					
Physicians and surgeons	15.66	22.08	28.72	38.57	57.00
Registered nurses	25.03	28.23	52.89	91.50	138.77
Therapists	27.24	30.11	35.07	50.31	60.72
Physical therapists	15.38	25.50	35.02	38.57	42.40
Clinical laboratory technologists and technicians	32.65	32.65	37.96	38.57	42.40
Medical and clinical laboratory technologists	16.11	16.84	19.62	30.52	32.66
Medical and clinical laboratory technicians	15.98	16.84	27.57	31.43	35.58
Emergency medical technicians and paramedics	17.22	17.94	18.86	23.08	27.00
Health diagnosing and treating practitioner support technicians	13.00	13.59	15.75	20.23	24.85
Licensed practical and licensed vocational nurses	10.00	14.16	16.00	17.85	25.00
Medical records and health information technicians	19.13	22.08	23.39	26.16	28.12
.....	13.32	15.15	15.15	15.66	17.00
Healthcare support occupations					
Nursing, psychiatric, and home health aides	10.30	11.48	13.61	16.74	21.00
Home health aides	10.25	11.00	12.40	14.20	16.68
Nursing aides, orderlies, and attendants	9.30	10.30	11.00	12.41	13.05
Miscellaneous healthcare support occupations	11.58	12.09	13.50	15.51	18.49
Medical assistants	11.14	14.50	16.75	20.60	23.13
.....	12.00	14.65	16.71	18.54	24.50
Protective service occupations					
Security guards and gaming surveillance officers	10.92	11.90	14.62	16.09	25.55
Security guards	9.65	12.97	15.32	16.09	18.56
Miscellaneous protective service workers	9.65	12.97	15.32	16.09	18.56
.....	8.50	10.38	17.06	18.83	18.83
Food preparation and serving related occupations					
First-line supervisors/managers, food preparation and serving workers	3.52	8.00	9.65	12.00	14.50
First-line supervisors/managers of food preparation and serving workers	13.67	14.91	19.80	21.32	47.12
Cooks	13.67	13.95	16.50	20.80	26.04
Cooks, institution and cafeteria	9.77	10.77	13.00	13.25	15.15
Cooks, restaurant	10.77	11.15	11.15	12.64	15.88
Food preparation workers	8.40	10.00	12.50	14.50	15.15
Food service, tipped	9.00	11.00	12.42	13.15	16.80
Bartenders	2.63	2.71	4.49	8.00	10.50
Waiters and waitresses	2.71	4.49	8.00	8.00	8.00
.....	2.63	2.63	3.26	3.50	10.00

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Food preparation and serving related occupations					
—Continued					
Dining room and cafeteria attendants and bartender helpers	\$5.00	\$7.50	\$8.50	\$10.57	\$11.95
Fast food and counter workers	7.50	8.10	9.10	10.00	11.40
Combined food preparation and serving workers, including fast food	7.25	8.30	9.10	10.00	11.64
Counter attendants, cafeteria, food concession, and coffee shop	7.50	8.00	9.25	10.00	11.00
Dishwashers	7.88	8.50	8.89	10.23	10.94
Building and grounds cleaning and maintenance occupations					
Building cleaning workers	9.61	10.75	12.88	14.08	17.50
Janitors and cleaners, except maids and housekeeping cleaners	9.60	10.75	12.45	13.85	14.45
Maids and housekeeping cleaners	10.75	12.31	13.19	14.15	15.00
Grounds maintenance workers	8.00	8.90	10.00	11.43	12.45
Landscaping and groundskeeping workers	10.00	11.90	13.92	26.44	26.44
Personal care and service occupations					
Transportation attendants	8.07	9.28	11.00	13.63	32.30
Child care workers	9.00	31.80	39.50	42.22	49.64
Recreation and fitness workers	8.40	8.95	10.50	12.00	13.63
Fitness trainers and aerobics instructors	8.50	10.00	11.66	13.00	15.15
Recreation workers	8.25	10.00	10.25	12.00	22.00
Recreation workers	9.78	11.66	11.66	15.15	15.15
Sales and related occupations					
First-line supervisors/managers, sales workers	8.30	10.25	14.30	23.16	35.90
First-line supervisors/managers of retail sales workers	12.01	14.04	16.63	21.13	26.93
Retail sales workers	12.01	14.23	16.63	20.07	26.93
Cashiers, all workers	8.08	8.50	10.70	13.50	18.00
Cashiers	8.00	8.25	8.75	10.79	12.57
Counter and rental clerks and parts salespersons	8.00	8.25	8.75	10.71	12.57
Counter and rental clerks	8.00	8.75	12.00	16.55	20.77
Parts salespersons	8.00	8.75	12.00	12.39	18.00
Retail salespersons	12.63	12.75	16.55	22.89	24.90
Securities, commodities, and financial services sales agents	8.50	10.00	12.20	16.53	20.77
Sales representatives, wholesale and manufacturing	16.12	58.78	82.05	107.57	107.57
Sales representatives, wholesale and manufacturing, technical and scientific products	17.30	20.43	28.71	37.59	50.48
Sales representatives, wholesale and manufacturing, except technical and scientific products	21.64	28.75	37.59	50.48	55.74
Miscellaneous sales and related workers	16.62	18.75	23.16	28.80	36.14
Miscellaneous sales and related workers	16.90	16.90	21.00	40.39	52.39
Office and administrative support occupations					
First-line supervisors/managers of office and administrative support workers	11.73	14.26	17.87	21.63	26.84
Financial clerks	18.13	25.02	31.27	40.60	45.00
Billing and posting clerks and machine operators	11.73	14.15	17.15	20.11	25.40
Bookkeeping, accounting, and auditing clerks	9.00	12.94	16.25	20.00	20.22
Tellers	14.50	16.02	19.23	22.30	33.69
Brokerage clerks	11.26	11.79	13.39	16.15	18.10
Customer service representatives	16.43	17.95	18.52	20.41	22.92
Order clerks	12.26	14.26	17.51	21.62	31.27
Receptionists and information clerks	11.00	19.32	19.81	19.81	21.39
Reservation and transportation ticket agents and travel clerks	11.00	12.99	14.68	16.83	21.01
Shipping, receiving, and traffic clerks	9.00	10.00	12.50	19.35	21.54
Stock clerks and order fillers	12.50	14.37	16.00	21.43	27.79
Secretaries and administrative assistants	8.00	8.75	9.97	13.63	15.34
Executive secretaries and administrative assistants	15.00	17.87	19.60	24.15	27.37
Medical secretaries	19.21	21.64	24.13	27.32	29.09
Secretaries, except legal, medical, and executive	14.42	16.34	18.00	19.16	22.04
Data entry and information processing workers	12.98	15.81	19.24	20.45	23.77
Data entry keyers	10.50	12.29	12.29	14.18	14.46
Insurance claims and policy processing clerks	10.50	12.29	12.29	14.18	14.46
Office clerks, general	13.25	15.16	16.72	20.35	25.49
Office clerks, general	13.27	17.00	20.39	25.09	26.84

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Construction and extraction occupations	\$15.04	\$19.50	\$27.35	\$36.93	\$41.21
Carpenters	20.30	31.44	36.93	36.99	39.93
Construction laborers	7.25	13.50	27.55	29.30	46.10
Electricians	18.75	20.50	26.75	41.21	41.21
Pipelayers, plumbers, pipefitters, and steamfitters	13.00	14.00	23.72	31.67	32.08
Plumbers, pipefitters, and steamfitters	21.00	24.00	29.58	31.67	32.09
Installation, maintenance, and repair occupations	16.00	19.23	24.83	31.81	34.39
First-line supervisors/managers of mechanics, installers, and repairers	27.65	28.00	32.24	43.10	43.51
Automotive technicians and repairers	17.00	19.00	26.25	27.50	51.67
Automotive service technicians and mechanics	16.00	19.00	25.16	27.50	51.67
Industrial machinery installation, repair, and maintenance workers	17.50	19.12	20.48	22.95	24.83
Maintenance and repair workers, general	17.50	17.50	19.15	21.46	24.83
Line installers and repairers	22.87	23.32	29.68	31.95	34.31
Telecommunications line installers and repairers	22.87	23.32	29.68	31.95	34.31
Production occupations	10.25	11.71	15.00	20.00	26.16
First-line supervisors/managers of production and operating workers	21.22	22.29	27.28	35.13	35.13
Electrical, electronics, and electromechanical assemblers	10.92	11.54	14.25	17.00	18.21
Electrical and electronic equipment assemblers	10.92	11.34	13.40	16.18	18.45
Miscellaneous assemblers and fabricators	8.25	11.00	12.75	14.85	15.23
Machine tool cutting setters, operators, and tenders, metal and plastic	11.69	13.66	15.41	19.65	27.66
Machinists	19.37	19.37	23.51	31.11	32.02
Printers	10.25	10.85	18.00	22.00	23.10
Printing machine operators	10.50	13.00	18.00	22.00	25.13
Inspectors, testers, sorters, samplers, and weighers	12.22	14.76	16.44	19.69	22.50
Miscellaneous production workers	9.69	10.30	12.95	15.42	18.82
Transportation and material moving occupations	8.19	10.00	14.93	19.95	22.57
Bus drivers	11.00	13.00	13.00	18.12	19.00
Driver/sales workers and truck drivers	9.03	16.04	20.00	21.81	27.40
Truck drivers, heavy and tractor-trailer	16.04	18.35	20.70	24.15	28.50
Truck drivers, light or delivery services	9.03	10.00	16.39	20.55	24.10
Industrial truck and tractor operators	12.06	15.75	19.30	21.86	21.86
Laborers and material movers, hand	8.00	8.75	11.26	14.08	16.00
Cleaners of vehicles and equipment	8.50	9.00	10.22	12.00	17.21
Laborers and freight, stock, and material movers, hand	8.00	9.81	12.86	15.07	16.30

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 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$15.68	\$20.49	\$27.43	\$38.45	\$51.59
Management occupations	27.91	34.29	42.18	54.31	58.42
Education administrators	27.91	45.35	52.56	58.96	66.77
Education administrators, elementary and secondary school	45.35	47.46	54.58	59.10	66.77
Business and financial operations occupations	21.36	25.68	29.66	34.65	42.18
Computer and mathematical science occupations	27.17	31.87	37.28	40.06	44.10
Life, physical, and social science occupations	17.77	20.86	25.02	30.61	51.16
Community and social services occupations	22.00	25.59	28.00	34.88	52.64
Counselors	25.96	27.43	30.24	48.93	57.82
Educational, vocational, and school counselors	32.20	38.75	48.62	57.45	66.88
Social workers	23.10	25.97	30.20	32.70	44.19
Education, training, and library occupations	15.95	26.41	41.44	51.29	58.16
Primary, secondary, and special education school teachers	29.65	37.14	45.14	53.36	58.72
Elementary and middle school teachers	29.65	37.92	45.03	54.40	59.40
Elementary school teachers, except special education	29.16	37.92	45.03	55.40	60.02
Middle school teachers, except special and vocational education	31.83	37.22	44.85	50.73	56.21
Secondary school teachers	26.38	34.51	44.73	51.59	58.39
Secondary school teachers, except special and vocational education	26.38	34.51	44.73	51.59	58.39
Special education teachers	34.76	38.33	46.96	52.30	56.87
Special education teachers, preschool, kindergarten, and elementary school	34.76	37.14	46.96	54.07	58.85
Other teachers and instructors	17.00	33.02	33.02	48.64	50.15
Librarians	22.00	22.00	22.00	24.83	56.25
Teacher assistants	12.69	13.85	15.67	18.16	20.99
Healthcare practitioner and technical occupations	22.46	26.56	34.01	43.61	51.71
Registered nurses	25.97	31.41	37.77	43.61	54.82
Healthcare support occupations	12.92	14.34	15.64	19.03	24.00
Protective service occupations	21.72	23.45	27.17	31.06	34.73
Fire fighters	22.38	22.51	24.19	28.71	31.20
Police officers	22.94	24.18	26.56	30.63	42.27
Police and sheriff's patrol officers	22.94	24.18	26.56	30.63	42.27
Food preparation and serving related occupations	8.75	11.22	13.72	14.65	18.64
Building and grounds cleaning and maintenance occupations	12.97	14.64	17.84	19.92	23.05
Building cleaning workers	12.83	14.64	17.82	19.92	20.84
Janitors and cleaners, except maids and housekeeping cleaners	12.83	14.64	17.82	19.92	20.84
Personal care and service occupations	8.00	8.77	10.00	14.50	15.68
Child care workers	8.00	8.77	10.00	10.71	15.68
Office and administrative support occupations	15.41	18.98	21.24	25.43	28.50
Secretaries and administrative assistants	17.93	20.87	22.09	25.49	25.98
Executive secretaries and administrative assistants	20.87	20.87	23.39	25.86	25.98
Secretaries, except legal, medical, and executive	16.78	17.93	21.24	24.93	25.49
Office clerks, general	12.93	16.75	19.34	20.91	21.36
Construction and extraction occupations	22.10	23.06	25.48	33.10	35.86

See footnotes at end of table.

Table 8. State and local government workers: Hourly wage percentiles¹, Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ²	10	25	Median 50	75	90
Installation, maintenance, and repair occupations	\$17.19	\$19.64	\$20.42	\$27.08	\$33.70
Transportation and material moving occupations	15.41	16.85	18.54	29.02	29.31

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 2009

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
All workers	\$11.82	\$15.90	\$23.46	\$35.54	\$50.33
Management occupations	24.86	31.20	43.06	57.65	75.32
General and operations managers	23.76	33.37	40.62	54.32	96.15
Marketing and sales managers	24.86	37.27	48.69	67.54	92.03
Marketing managers	29.95	37.27	48.65	73.42	104.52
Sales managers	24.86	36.32	50.48	57.18	92.03
Computer and information systems managers	33.68	45.21	52.19	61.51	81.73
Financial managers	26.74	41.61	53.97	71.34	83.33
Human resources managers	32.70	38.70	45.51	53.99	74.52
Compensation and benefits managers	31.73	32.70	36.49	74.52	79.33
Industrial production managers	36.72	40.00	41.74	48.82	76.92
Construction managers	24.00	27.31	32.05	32.05	34.15
Education administrators	21.45	29.17	45.35	58.17	65.24
Education administrators, elementary and secondary school	45.35	47.46	54.58	59.10	66.77
Education administrators, postsecondary	24.16	28.68	40.05	58.17	65.24
Engineering managers	37.51	41.70	54.31	61.40	68.56
Medical and health services managers	25.96	30.21	34.30	40.86	43.26
Social and community service managers	21.63	25.64	32.50	32.50	32.79
Business and financial operations occupations	18.56	21.84	29.22	38.13	49.12
Buyers and purchasing agents	15.39	19.59	26.94	32.50	34.00
Wholesale and retail buyers, except farm products	14.21	19.59	20.00	34.00	34.00
Purchasing agents, except wholesale, retail, and farm products	15.39	19.36	28.71	32.50	45.62
Claims adjusters, appraisers, examiners, and investigators	18.43	21.23	29.10	36.35	38.46
Claims adjusters, examiners, and investigators	18.04	19.68	29.10	37.87	38.46
Compliance officers, except agriculture, construction, health and safety, and transportation	17.96	18.56	21.84	24.77	28.53
Human resources, training, and labor relations specialists	18.61	24.05	29.37	39.30	47.03
Compensation, benefits, and job analysis specialists	24.20	24.20	28.25	35.17	37.86
Training and development specialists	24.89	24.89	35.38	41.69	47.17
Management analysts	26.44	31.25	36.74	55.94	78.48
Accountants and auditors	17.82	19.76	29.23	33.91	42.18
Financial analysts and advisors	24.04	26.44	35.00	42.07	100.96
Financial analysts	25.63	26.44	36.17	42.56	105.00
Computer and mathematical science occupations	23.41	32.69	41.83	49.28	55.72
Computer programmers	26.44	27.36	31.13	37.39	42.83
Computer software engineers	31.08	38.24	45.96	54.23	71.76
Computer software engineers, applications	32.69	36.27	46.36	55.29	85.47
Computer software engineers, systems software	29.94	42.09	45.41	52.85	65.75
Computer support specialists	21.15	24.05	35.43	44.42	55.70
Computer systems analysts	30.63	34.19	40.85	48.75	54.12
Network and computer systems administrators	19.23	27.17	45.96	49.54	51.50
Network systems and data communications analysts	27.56	33.30	35.59	37.28	41.13
Architecture and engineering occupations	20.35	28.49	38.46	45.85	55.60
Engineers	29.73	36.90	42.93	49.01	61.23
Electrical and electronics engineers	28.47	40.09	45.43	49.28	56.01
Electrical engineers	32.28	37.58	45.72	46.70	49.28
Electronics engineers, except computer	27.06	40.67	45.43	51.99	56.04
Industrial engineers, including health and safety	30.10	31.75	37.68	43.68	47.87
Industrial engineers	31.70	32.83	39.01	43.68	48.72
Mechanical engineers	25.48	32.34	44.01	47.52	53.02
Engineering technicians, except drafters	15.60	19.36	25.35	32.75	36.73
Electrical and electronic engineering technicians	15.60	17.17	22.44	36.73	38.72
Life, physical, and social science occupations	18.53	21.63	27.04	40.39	60.10
Life scientists	19.83	20.41	27.04	37.33	51.52
Biological scientists	32.25	35.12	40.91	49.28	66.68
Biochemists and biophysicists	25.28	32.25	44.40	51.52	68.46
Physical scientists	21.23	22.71	25.96	33.65	59.62
Market and survey researchers	21.64	27.89	39.25	63.46	99.42
Market research analysts	21.64	27.89	39.25	63.46	99.42

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Community and social services occupations	\$12.16	\$15.74	\$22.00	\$27.97	\$35.79
Counselors	11.33	12.29	22.00	27.97	52.00
Educational, vocational, and school counselors	19.23	23.96	44.13	52.64	57.82
Social workers	14.84	19.19	24.53	30.20	32.70
Child, family, and school social workers	14.46	15.07	23.10	30.20	44.19
Miscellaneous community and social service specialists	12.16	14.88	16.09	17.85	22.92
Legal occupations	17.17	23.08	30.69	96.46	96.46
Lawyers	24.52	41.99	96.46	96.46	110.44
Education, training, and library occupations	13.25	20.31	37.68	49.96	58.68
Postsecondary teachers	32.58	38.33	48.08	57.46	74.23
Physical sciences teachers, postsecondary	48.89	53.61	56.92	66.15	77.90
Arts, communications, and humanities teachers, postsecondary	34.48	34.48	42.14	52.42	69.60
Miscellaneous postsecondary teachers	31.32	37.28	46.04	49.96	68.83
Primary, secondary, and special education school teachers	12.50	27.63	42.17	50.79	56.97
Preschool and kindergarten teachers	9.85	11.50	13.50	18.11	42.29
Preschool teachers, except special education	9.75	11.50	13.50	16.54	42.29
Elementary and middle school teachers	29.65	37.54	45.03	54.07	59.21
Elementary school teachers, except special education	29.16	37.92	45.03	55.23	60.06
Middle school teachers, except special and vocational education	31.45	37.22	44.73	50.26	55.86
Secondary school teachers	30.74	35.42	45.03	52.11	57.73
Secondary school teachers, except special and vocational education	30.74	35.42	45.03	52.11	57.73
Special education teachers	34.76	38.22	46.96	52.30	57.39
Special education teachers, preschool, kindergarten, and elementary school	34.76	34.76	47.47	54.07	60.27
Other teachers and instructors	19.23	19.23	19.23	20.00	33.02
Teacher assistants	8.50	11.75	14.10	16.30	20.99
Arts, design, entertainment, sports, and media occupations	15.50	18.50	28.75	33.57	39.50
Designers	20.00	25.64	29.21	31.25	36.62
Writers and editors	30.36	33.57	38.60	48.31	50.48
Editors	30.36	33.57	38.60	39.50	50.48
Healthcare practitioner and technical occupations	15.66	22.12	28.40	37.09	57.00
Physicians and surgeons	25.03	28.23	52.89	88.94	138.77
Registered nurses	27.04	29.28	33.21	45.91	58.36
Therapists	32.65	32.65	38.39	38.57	42.40
Clinical laboratory technologists and technicians	15.98	16.84	18.86	27.08	32.66
Medical and clinical laboratory technologists	15.44	16.84	20.93	31.08	32.66
Medical and clinical laboratory technicians	17.22	17.94	18.86	19.62	27.00
Emergency medical technicians and paramedics	13.00	13.59	16.20	20.62	26.56
Health diagnosing and treating practitioner support technicians	10.00	10.71	15.59	17.56	19.25
Licensed practical and licensed vocational nurses	19.13	22.00	24.70	27.04	28.51
Medical records and health information technicians	13.32	15.15	15.15	15.66	17.01
Healthcare support occupations	10.30	11.75	13.79	16.86	20.64
Nursing, psychiatric, and home health aides	10.30	11.00	12.55	14.57	16.86
Home health aides	10.00	10.30	11.00	12.67	13.05
Nursing aides, orderlies, and attendants	11.90	12.09	14.14	16.21	19.10
Miscellaneous healthcare support occupations	14.00	15.31	17.31	20.64	24.96
Medical assistants	13.00	14.70	17.10	19.57	26.70
Protective service occupations	14.49	14.62	24.19	29.81	33.02
Fire fighters	22.38	22.51	24.19	28.71	31.20
Bailiffs, correctional officers, and jailers	21.98	25.34	29.51	30.58	33.02
Police officers	22.19	23.49	25.94	29.00	39.27
Police and sheriff's patrol officers	22.19	23.49	25.94	29.00	39.27
Security guards and gaming surveillance officers	13.83	14.49	16.09	17.08	27.05
Security guards	13.83	14.49	16.09	17.08	27.05

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Food preparation and serving related occupations	\$8.00	\$9.18	\$10.98	\$13.25	\$16.26
First-line supervisors/managers, food preparation and serving workers	13.67	15.00	19.31	21.32	47.12
First-line supervisors/managers of food preparation and serving workers	13.67	13.95	16.50	20.80	26.04
Cooks	9.25	10.71	13.00	13.28	15.09
Cooks, institution and cafeteria	10.77	11.15	11.15	12.64	15.43
Cooks, restaurant	8.40	10.00	12.00	14.50	15.15
Food service, tipped	2.63	3.26	4.10	11.37	13.32
Fast food and counter workers	8.00	9.00	9.65	10.00	12.28
Combined food preparation and serving workers, including fast food	9.00	9.10	10.00	10.00	14.50
Counter attendants, cafeteria, food concession, and coffee shop	5.30	8.50	9.50	10.00	11.92
Dishwashers	8.00	8.50	8.89	10.70	10.80
Building and grounds cleaning and maintenance occupations	9.61	11.70	13.85	17.78	21.95
Building cleaning workers	9.46	11.28	13.37	15.18	19.32
Janitors and cleaners, except maids and housekeeping cleaners	12.69	13.19	14.00	17.78	19.88
Maids and housekeeping cleaners	8.00	8.24	10.00	10.44	11.64
Grounds maintenance workers	10.00	12.00	13.92	26.44	26.44
Landscaping and groundskeeping workers	10.00	12.00	13.92	26.44	26.44
Personal care and service occupations	8.07	10.62	11.66	20.47	39.50
Sales and related occupations	11.00	13.24	18.75	28.71	40.35
First-line supervisors/managers, sales workers	12.01	15.15	17.07	21.13	26.93
First-line supervisors/managers of retail sales workers	12.01	15.30	17.07	20.07	26.93
Retail sales workers	9.78	11.02	13.15	17.31	23.08
Cashiers, all workers	8.14	10.00	11.37	14.22	17.64
Cashiers	8.14	10.00	11.37	14.22	17.64
Counter and rental clerks and parts salespersons	10.50	11.50	12.63	18.00	22.02
Retail salespersons	9.31	11.45	13.86	19.23	26.44
Securities, commodities, and financial services sales agents	33.39	63.69	83.90	107.57	107.57
Sales representatives, wholesale and manufacturing	17.30	20.43	28.71	37.59	50.48
Sales representatives, wholesale and manufacturing, technical and scientific products	21.64	28.75	37.59	50.48	55.74
Sales representatives, wholesale and manufacturing, except technical and scientific products	16.62	18.75	23.16	28.80	36.14
Miscellaneous sales and related workers	16.90	16.90	33.51	40.39	52.39
Office and administrative support occupations	12.69	15.30	18.50	22.59	27.32
First-line supervisors/managers of office and administrative support workers	18.13	25.02	31.43	40.00	45.00
Financial clerks	11.79	14.96	17.79	20.22	26.36
Billing and posting clerks and machine operators	9.00	13.19	17.69	20.00	20.22
Bookkeeping, accounting, and auditing clerks	14.50	17.55	20.11	25.49	33.69
Tellers	11.26	11.79	14.28	18.00	18.10
Brokerage clerks	16.43	17.95	18.52	20.41	22.92
Customer service representatives	12.45	14.95	18.03	22.00	31.27
Receptionists and information clerks	12.69	13.27	15.00	16.83	18.75
Shipping, receiving, and traffic clerks	12.50	14.37	16.00	21.43	27.79
Stock clerks and order fillers	11.73	12.32	14.00	17.54	20.50
Secretaries and administrative assistants	15.93	18.00	20.87	24.93	27.59
Executive secretaries and administrative assistants	19.59	21.06	24.07	27.17	28.85
Medical secretaries	14.42	16.50	18.00	19.50	22.04
Secretaries, except legal, medical, and executive	14.25	17.82	20.00	22.09	24.93
Data entry and information processing workers	10.50	12.29	12.29	14.46	18.15
Data entry keyers	10.50	12.29	12.29	14.46	18.28
Insurance claims and policy processing clerks	13.25	15.16	16.72	20.35	25.49
Office clerks, general	13.10	16.55	20.47	23.24	26.84
Construction and extraction occupations	17.00	20.30	27.92	36.44	41.21

See footnotes at end of table.

Table 9. Full-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2009 — Continued

Occupation ³	Full-time workers				
	10	25	Median 50	75	90
Construction and extraction occupations –Continued					
First-line supervisors/managers of construction trades and extraction workers	\$25.48	\$25.48	\$33.10	\$35.00	\$45.35
Carpenters	20.30	28.45	34.58	36.99	39.93
Construction laborers	27.35	27.35	29.04	46.10	46.10
Electricians	18.75	20.50	26.75	41.21	41.21
Pipelayers, plumbers, pipefitters, and steamfitters	13.00	14.00	23.06	31.67	32.08
Plumbers, pipefitters, and steamfitters	22.00	23.06	28.02	31.67	32.08
Installation, maintenance, and repair occupations					
First-line supervisors/managers of mechanics, installers, and repairers	17.00	19.50	24.67	31.60	34.31
Automotive technicians and repairers	27.65	28.00	32.24	43.10	43.51
Automotive service technicians and mechanics	17.00	20.00	26.25	27.50	51.67
Industrial machinery installation, repair, and maintenance workers	17.00	19.00	25.16	27.50	51.67
Maintenance and repair workers, general	17.50	18.54	20.80	23.11	27.08
Line installers and repairers	17.34	17.50	19.15	22.55	27.08
Telecommunications line installers and repairers	22.87	23.32	29.68	31.95	34.31
Telecommunications line installers and repairers	22.87	23.32	29.68	31.95	34.31
Production occupations					
First-line supervisors/managers of production and operating workers	10.25	12.00	15.09	20.50	26.16
Electrical, electronics, and electromechanical assemblers	21.22	22.29	27.28	35.13	35.13
Electrical and electronic equipment assemblers	10.92	11.54	14.25	17.00	18.21
Miscellaneous assemblers and fabricators	10.92	11.34	13.40	16.18	18.45
Machine tool cutting setters, operators, and tenders, metal and plastic	8.25	11.00	12.75	14.85	15.23
Machinists	11.69	13.66	15.41	19.65	27.66
Printers	19.37	19.37	23.51	31.11	32.02
Printing machine operators	10.25	10.85	18.00	22.00	23.10
Inspectors, testers, sorters, samplers, and weighers	10.50	13.00	18.00	22.00	25.13
Miscellaneous production workers	12.22	14.76	16.44	19.69	22.50
Miscellaneous production workers	9.75	10.80	13.29	17.57	18.82
Transportation and material moving occupations					
Driver/sales workers and truck drivers	9.00	12.00	16.50	20.70	25.23
Truck drivers, heavy and tractor-trailer	10.50	16.46	20.20	23.12	27.40
Truck drivers, light or delivery services	16.04	18.41	20.70	24.15	28.50
Industrial truck and tractor operators	10.00	11.50	16.50	21.46	24.10
Laborers and material movers, hand	12.62	15.75	19.65	21.86	21.86
Laborers and freight, stock, and material movers, hand	8.00	10.50	13.25	15.75	17.81
Packers and packagers, hand	8.00	10.80	13.70	16.00	18.00
Packers and packagers, hand	8.50	10.00	11.86	13.81	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 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.

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 2009

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
All workers	\$8.00	\$8.50	\$10.89	\$15.47	\$26.59
Business and financial operations occupations	16.08	26.49	34.31	52.00	53.67
Community and social services occupations	17.95	17.95	19.78	30.24	30.97
Education, training, and library occupations	9.50	12.94	18.61	35.00	41.75
Postsecondary teachers	16.78	26.32	34.29	39.61	51.96
Miscellaneous postsecondary teachers	26.32	26.32	38.42	39.61	51.11
Primary, secondary, and special education school teachers	8.57	10.71	13.00	38.50	39.85
Elementary and middle school teachers	11.67	19.66	19.66	21.20	57.74
Elementary school teachers, except special education	11.67	19.66	19.66	21.20	57.74
Other teachers and instructors	17.00	20.28	23.50	40.00	48.64
Teacher assistants	9.14	12.45	14.74	16.10	18.61
Arts, design, entertainment, sports, and media occupations	10.00	10.00	13.58	22.57	25.00
Healthcare practitioner and technical occupations	17.49	22.08	33.04	49.03	54.43
Registered nurses	28.05	33.83	46.47	51.42	61.50
Clinical laboratory technologists and technicians	19.97	23.08	29.33	33.91	38.27
Healthcare support occupations	9.27	11.14	13.36	16.71	22.00
Nursing, psychiatric, and home health aides	9.75	10.50	12.32	13.68	15.37
Nursing aides, orderlies, and attendants	11.34	12.21	12.96	13.68	14.65
Miscellaneous healthcare support occupations	9.27	11.14	14.69	18.54	22.00
Medical assistants	10.00	14.50	16.00	17.95	19.74
Protective service occupations	9.53	10.04	12.97	15.32	28.50
Security guards and gaming surveillance officers	9.65	10.04	12.97	15.32	15.32
Security guards	9.65	10.04	12.97	15.32	15.32
Food preparation and serving related occupations	2.63	7.25	8.00	10.00	11.55
Cooks	10.21	11.50	12.50	14.25	16.00
Food service, tipped	2.63	2.63	5.00	8.00	9.30
Bartenders	2.71	4.75	8.00	8.00	8.00
Waiters and waitresses	2.63	2.63	2.63	3.50	5.00
Dining room and cafeteria attendants and bartender helpers	5.00	7.50	8.00	9.30	10.00
Fast food and counter workers	7.25	8.00	8.25	10.00	10.00
Combined food preparation and serving workers, including fast food	7.25	7.75	8.25	9.00	10.35
Counter attendants, cafeteria, food concession, and coffee shop	8.00	8.00	8.25	10.00	10.00
Building and grounds cleaning and maintenance occupations	10.69	10.89	11.50	12.86	14.15
Building cleaning workers	10.69	10.89	11.64	12.86	14.15
Janitors and cleaners, except maids and housekeeping cleaners	10.69	10.89	12.31	13.85	14.30
Maids and housekeeping cleaners	10.00	11.43	11.43	12.00	13.00
Personal care and service occupations	7.80	8.50	9.81	11.00	12.00
Child care workers	8.00	8.50	8.95	10.00	11.38
Recreation and fitness workers	8.25	10.00	10.17	12.00	23.00
Fitness trainers and aerobics instructors	8.25	10.00	10.25	12.00	22.00
Sales and related occupations	8.00	8.25	9.00	11.00	12.67
Retail sales workers	8.00	8.25	8.75	10.99	12.00
Cashiers, all workers	8.00	8.25	8.73	10.65	11.35
Cashiers	8.00	8.25	8.65	10.45	11.29
Counter and rental clerks and parts salespersons	7.25	8.00	8.25	8.75	12.67
Counter and rental clerks	7.25	8.00	8.25	8.75	9.50
Retail salespersons	8.24	9.00	10.04	11.58	13.01
Office and administrative support occupations	8.86	10.30	13.80	17.50	22.00

See footnotes at end of table.

Table 10. **Part-time¹ civilian workers: Hourly wage percentiles², Boston-Worcester-Manchester, MA-NH CSA, October 2009** — Continued

Occupation ³	Part-time workers				
	10	25	Median 50	75	90
Office and administrative support occupations					
—Continued					
Financial clerks	\$11.51	\$12.63	\$15.00	\$16.15	\$22.00
Customer service representatives	9.05	11.08	13.00	22.76	22.88
Receptionists and information clerks	10.00	10.93	12.50	17.00	22.00
Stock clerks and order fillers	8.00	8.50	9.00	9.97	11.46
Secretaries and administrative assistants	13.70	15.00	17.50	17.50	25.00
Medical secretaries	14.50	15.00	17.50	17.50	25.00
Office clerks, general	12.93	17.44	18.10	26.59	26.59
Production occupations	9.00	9.69	10.00	11.40	13.30
Transportation and material moving occupations	8.00	8.50	9.81	13.00	18.00
Bus drivers	11.00	13.00	13.00	18.12	19.00
Driver/sales workers and truck drivers	8.00	8.00	9.03	18.00	20.00
Laborers and material movers, hand	8.10	8.50	9.00	10.49	12.35
Laborers and freight, stock, and material movers, hand	8.30	9.00	10.49	12.58	14.09

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 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.

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 2009

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	\$28.33	\$23.46	\$1,108	\$913	39.1	\$56,351	\$46,987	1,989
Management occupations	47.16	43.06	1,868	1,678	39.6	96,864	87,263	2,054
General and operations managers	49.41	40.62	2,005	1,677	40.6	104,272	87,204	2,110
Marketing and sales managers	54.42	48.69	2,139	1,947	39.3	111,221	101,265	2,044
Marketing managers	56.62	48.65	2,250	1,946	39.7	116,982	101,190	2,066
Sales managers	50.89	50.48	1,966	2,019	38.6	102,213	105,000	2,009
Computer and information systems managers	53.30	52.19	2,099	2,088	39.4	109,170	108,555	2,048
Financial managers	55.56	53.97	2,228	2,336	40.1	115,856	121,463	2,085
Human resources managers	48.23	45.51	1,928	1,820	40.0	100,256	94,661	2,078
Compensation and benefits managers	48.49	36.49	1,998	1,485	41.2	103,909	77,210	2,143
Industrial production managers	46.29	41.74	1,975	1,866	42.7	102,706	97,013	2,219
Construction managers	31.37	32.05	1,254	1,202	40.0	65,227	62,499	2,080
Education administrators	45.21	45.35	1,677	1,814	37.1	85,085	90,540	1,882
Education administrators, elementary and secondary school	55.17	54.58	2,174	2,120	39.4	102,103	95,908	1,851
Education administrators, postsecondary	44.45	40.05	1,598	1,500	35.9	83,083	78,000	1,869
Engineering managers	53.55	54.31	2,163	2,169	40.4	112,490	112,798	2,101
Medical and health services managers	35.20	34.30	1,373	1,372	39.0	71,406	71,342	2,028
Social and community service managers	31.52	32.50	1,232	1,230	39.1	64,076	63,944	2,033
Business and financial operations occupations	33.28	29.22	1,331	1,163	40.0	69,148	60,570	2,078
Buyers and purchasing agents	26.36	26.94	1,073	1,080	40.7	55,790	56,135	2,116
Wholesale and retail buyers, except farm products	23.69	20.00	965	900	40.8	50,199	46,800	2,119
Purchasing agents, except wholesale, retail, and farm products	28.37	28.71	1,154	1,212	40.7	59,997	63,040	2,115
Claims adjusters, appraisers, examiners, and investigators	29.18	29.10	1,122	1,091	38.5	58,342	56,745	2,000
Claims adjusters, examiners, and investigators	29.05	29.10	1,121	1,067	38.6	58,295	55,458	2,006
Compliance officers, except agriculture, construction, health and safety, and transportation	22.77	21.84	903	874	39.6	46,945	45,429	2,062
Human resources, training, and labor relations specialists	31.55	29.37	1,210	1,130	38.4	62,425	58,756	1,979
Compensation, benefits, and job analysis specialists	31.04	28.25	1,234	1,130	39.8	64,159	58,756	2,067
Training and development specialists	34.89	35.38	1,386	1,415	39.7	72,096	73,590	2,067
Management analysts	44.30	36.74	1,840	1,313	41.5	95,677	68,289	2,160
Accountants and auditors	28.71	29.23	1,097	1,012	38.2	57,019	52,630	1,986
Financial analysts and advisors	43.09	35.00	1,822	1,313	42.3	94,747	68,250	2,199
Financial analysts	46.45	36.17	2,008	1,463	43.2	104,439	76,071	2,248
Computer and mathematical science occupations	41.82	41.83	1,664	1,635	39.8	86,340	84,999	2,064
Computer programmers	32.27	31.13	1,249	1,195	38.7	64,954	62,147	2,013
Computer software engineers	48.82	45.96	1,961	1,821	40.2	101,958	94,700	2,088
Computer software engineers, applications	50.69	46.36	2,064	1,846	40.7	107,333	96,000	2,117
Computer software engineers, systems software	47.53	45.41	1,891	1,816	39.8	98,320	94,449	2,069
Computer support specialists	35.48	35.43	1,407	1,394	39.7	73,188	72,463	2,063
Computer systems analysts	41.46	40.85	1,657	1,603	40.0	86,150	83,333	2,078
Network and computer systems administrators	40.21	45.96	1,603	1,827	39.9	83,376	95,000	2,073

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 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Computer and mathematical science occupations –Continued								
Network systems and data communications analysts	\$36.27	\$35.59	\$1,446	\$1,423	39.9	\$75,178	\$74,019	2,073
Architecture and engineering occupations	38.34	38.46	1,561	1,538	40.7	81,198	80,001	2,118
Engineers	44.80	42.93	1,818	1,738	40.6	94,552	90,355	2,110
Electrical and electronics engineers	43.98	45.43	1,804	1,868	41.0	93,807	97,126	2,133
Electrical engineers	42.87	45.72	1,715	1,829	40.0	89,160	95,098	2,080
Electronics engineers, except computer	44.36	45.43	1,836	1,943	41.4	95,451	101,055	2,152
Industrial engineers, including health and safety	37.94	37.68	1,568	1,600	41.3	81,533	83,179	2,149
Industrial engineers	38.78	39.01	1,608	1,601	41.5	83,612	83,227	2,156
Mechanical engineers	40.37	44.01	1,653	1,899	40.9	85,932	98,725	2,129
Engineering technicians, except drafters	26.02	25.35	1,033	984	39.7	53,709	51,151	2,064
Electrical and electronic engineering technicians	26.47	22.44	1,063	898	40.2	55,271	46,677	2,088
Life, physical, and social science occupations	34.48	27.04	1,350	1,082	39.1	69,418	56,243	2,014
Life scientists	31.64	27.04	1,247	1,082	39.4	64,842	56,243	2,049
Biological scientists	43.24	40.91	1,708	1,635	39.5	88,830	84,999	2,054
Biochemists and biophysicists	45.04	44.40	1,770	1,769	39.3	92,059	92,000	2,044
Physical scientists	32.81	25.96	1,318	1,038	40.2	68,546	54,001	2,089
Market and survey researchers	51.59	39.25	2,021	1,570	39.2	105,068	81,640	2,037
Market research analysts	51.59	39.25	2,021	1,570	39.2	105,068	81,640	2,037
Community and social services occupations	23.95	22.00	925	862	38.6	45,710	45,035	1,908
Counselors	25.74	22.00	984	880	38.2	46,617	49,841	1,811
Educational, vocational, and school counselors	40.42	44.13	1,457	1,651	36.0	59,395	60,567	1,470
Social workers	25.26	24.53	971	948	38.4	48,571	49,312	1,923
Child, family, and school social workers	25.72	23.10	959	866	37.3	46,399	45,035	1,804
Miscellaneous community and social service specialists	16.85	16.09	671	643	39.8	34,910	33,457	2,072
Legal occupations	51.05	30.69	1,974	1,160	38.7	102,651	60,301	2,011
Lawyers	74.12	96.46	2,933	3,858	39.6	152,530	200,637	2,058
Education, training, and library occupations	37.46	37.68	1,355	1,354	36.2	55,474	55,250	1,481
Postsecondary teachers	51.85	48.08	1,999	1,923	38.6	83,319	77,938	1,607
Physical sciences teachers, postsecondary	62.27	56.92	2,451	2,277	39.4	111,517	115,725	1,791
Arts, communications, and humanities teachers, postsecondary	47.02	42.14	1,707	1,475	36.3	64,844	59,000	1,379
Miscellaneous postsecondary teachers	47.20	46.04	1,777	1,656	37.6	70,632	61,223	1,496
Primary, secondary, and special education school teachers	38.79	42.17	1,385	1,496	35.7	54,262	57,222	1,399
Preschool and kindergarten teachers	18.25	13.50	688	510	37.7	33,596	28,080	1,841
Preschool teachers, except special education	16.90	13.50	640	500	37.9	31,754	26,000	1,879
Elementary and middle school teachers	45.33	45.03	1,576	1,633	34.8	58,424	60,579	1,289
Elementary school teachers, except special education	45.69	45.03	1,585	1,656	34.7	58,682	61,015	1,284

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 2009 — 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								
Middle school teachers, except special and vocational education	\$44.27	\$44.73	\$1,549	\$1,556	35.0	\$57,639	\$58,692	1,302
Secondary school teachers	44.06	45.03	1,596	1,577	36.2	59,417	58,314	1,349
Secondary school teachers, except special and vocational education	44.06	45.03	1,596	1,577	36.2	59,417	58,314	1,349
Special education teachers	46.63	46.96	1,596	1,565	34.2	58,705	57,333	1,259
Special education teachers, preschool, kindergarten, and elementary school	47.83	47.47	1,651	1,621	34.5	60,613	59,982	1,267
Other teachers and instructors	23.88	19.23	867	769	36.3	40,648	40,000	1,702
Teacher assistants	14.86	14.10	508	470	34.2	20,878	18,200	1,405
Arts, design, entertainment, sports, and media occupations								
Designers	28.10	28.75	1,106	1,150	39.4	57,385	57,951	2,042
Writers and editors	28.36	29.21	1,120	1,168	39.5	58,252	60,748	2,054
Editors	40.31	38.60	1,552	1,351	38.5	80,705	70,250	2,002
	38.42	38.60	1,466	1,351	38.2	76,233	70,250	1,984
Healthcare practitioner and technical occupations								
Physicians and surgeons	34.00	28.40	1,294	1,114	38.1	66,724	56,971	1,962
Registered nurses	64.44	52.89	2,456	2,115	38.1	127,697	110,001	1,982
Therapists	38.79	33.21	1,421	1,280	36.6	72,688	64,002	1,874
Clinical laboratory technologists and technicians	36.77	38.39	1,429	1,350	38.9	74,294	70,199	2,021
Medical and clinical laboratory technologists	22.20	18.86	880	725	39.6	45,757	37,717	2,061
Medical and clinical laboratory technicians	23.43	20.93	937	837	40.0	48,729	43,534	2,080
Emergency medical technicians and paramedics	20.21	18.86	789	718	39.1	41,052	37,321	2,031
Health diagnosing and treating practitioner support technicians	17.70	16.20	705	648	39.8	36,665	33,696	2,072
Licensed practical and licensed vocational nurses	15.65	15.59	622	621	39.7	32,134	32,282	2,053
Medical records and health information technicians	24.83	24.70	971	981	39.1	50,511	51,010	2,035
	15.55	15.15	599	606	38.5	31,125	31,512	2,002
Healthcare support occupations								
Nursing, psychiatric, and home health aides	14.80	13.79	578	540	39.0	29,984	27,963	2,025
Home health aides	13.11	12.55	513	484	39.1	26,652	25,145	2,033
Nursing aides, orderlies, and attendants	11.48	11.00	451	440	39.3	23,477	22,880	2,046
Miscellaneous healthcare support occupations	14.63	14.14	567	545	38.8	29,505	28,353	2,017
Medical assistants	18.69	17.31	727	684	38.9	37,802	35,568	2,022
	18.40	17.10	732	680	39.8	38,043	35,360	2,067
Protective service occupations								
Fire fighters	23.32	24.19	937	967	40.2	48,601	50,294	2,084
Bailiffs, correctional officers, and jailers	25.41	24.19	1,123	1,081	44.2	58,371	56,190	2,297
Police officers	27.82	29.51	1,095	1,130	39.4	56,945	58,773	2,047
Police and sheriff's patrol officers	27.79	25.94	1,095	1,038	39.4	56,936	53,959	2,049
Security guards and gaming surveillance officers	27.79	25.94	1,095	1,038	39.4	56,936	53,959	2,049
Security guards	17.81	16.09	700	644	39.3	36,384	33,467	2,043
	17.81	16.09	700	644	39.3	36,384	33,467	2,043
Food preparation and serving related occupations								
	11.80	10.98	451	410	38.2	22,784	20,800	1,931

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 2009 — 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								
First-line supervisors/managers, food preparation and serving workers ..	\$22.00	\$19.31	\$911	\$783	41.4	\$45,120	\$35,539	2,051
First-line supervisors/managers of food preparation and serving workers	18.14	16.50	756	683	41.7	37,110	35,539	2,046
Cooks	12.37	13.00	470	502	38.0	24,345	25,896	1,969
Cooks, institution and cafeteria	12.20	11.15	452	446	37.1	23,027	23,192	1,887
Cooks, restaurant	12.16	12.00	459	440	37.8	23,876	22,880	1,964
Food service, tipped	6.88	4.10	236	152	34.3	10,527	6,781	1,530
Fast food and counter workers	9.84	9.65	379	380	38.5	19,418	18,928	1,973
Combined food preparation and serving workers, including fast food	10.60	10.00	420	400	39.6	21,575	20,800	2,035
Counter attendants, cafeteria, food concession, and coffee shop	9.28	9.50	349	349	37.6	17,883	18,158	1,928
Dishwashers	9.59	8.89	377	356	39.3	19,584	18,491	2,041
Building and grounds cleaning and maintenance occupations								
Building cleaning workers	14.88	13.85	591	535	39.7	30,073	27,435	2,021
Janitors and cleaners, except maids and housekeeping cleaners	13.82	13.37	548	527	39.7	28,514	27,425	2,063
Maids and housekeeping cleaners	15.19	14.00	604	560	39.7	31,386	29,120	2,066
Grounds maintenance workers	9.80	10.00	387	395	39.5	20,113	20,530	2,053
Landscaping and groundskeeping workers	18.12	13.92	721	557	39.8	32,745	25,314	1,807
Landscaping and groundskeeping workers	17.61	13.92	700	557	39.7	31,427	20,800	1,785
Personal care and service occupations								
Personal care and service occupations	17.88	11.66	574	534	32.1	28,819	25,826	1,612
Sales and related occupations								
Sales and related occupations	23.95	18.75	945	732	39.5	49,065	38,083	2,049
First-line supervisors/managers, sales workers	18.50	17.07	765	725	41.3	39,766	37,700	2,150
First-line supervisors/managers of retail sales workers	18.52	17.07	770	725	41.6	40,054	37,700	2,162
Retail sales workers	15.06	13.15	587	508	39.0	30,396	26,325	2,018
Cashiers, all workers	12.42	11.37	467	455	37.6	23,737	22,256	1,912
Cashiers	12.42	11.37	467	455	37.6	23,737	22,256	1,912
Counter and rental clerks and parts salespersons	14.95	12.63	598	505	40.0	31,089	26,260	2,080
Retail salespersons	16.13	13.86	630	556	39.1	32,779	28,912	2,032
Securities, commodities, and financial services sales agents	88.37	83.90	3,342	3,370	37.8	173,791	175,250	1,967
Sales representatives, wholesale and manufacturing	31.00	28.71	1,234	1,148	39.8	64,187	59,711	2,070
Sales representatives, wholesale and manufacturing, technical and scientific products	39.13	37.59	1,565	1,504	40.0	81,382	78,191	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.65	23.16	978	926	39.7	50,852	48,173	2,063
Miscellaneous sales and related workers	30.04	33.51	1,195	1,341	39.8	62,131	69,709	2,068
Office and administrative support occupations								
Office and administrative support occupations	19.50	18.50	756	722	38.8	39,269	37,500	2,014
First-line supervisors/managers of office and administrative support workers	31.30	31.43	1,223	1,100	39.1	63,578	57,203	2,031
Financial clerks	18.43	17.79	721	712	39.1	37,477	37,009	2,034
Billing and posting clerks and machine operators	16.36	17.69	655	708	40.0	34,034	36,795	2,080

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 2009 — 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								
Bookkeeping, accounting, and auditing clerks	\$21.72	\$20.11	\$831	\$804	38.3	\$43,223	\$41,820	1,990
Tellers	14.42	14.28	577	571	40.0	29,986	29,702	2,080
Brokerage clerks	19.33	18.52	762	741	39.4	39,617	38,513	2,049
Customer service representatives	19.63	18.03	761	718	38.8	39,572	37,315	2,015
Receptionists and information clerks ..	15.50	15.00	597	571	38.5	31,023	29,673	2,002
Shipping, receiving, and traffic clerks	18.38	16.00	730	640	39.7	37,975	33,280	2,067
Stock clerks and order fillers	15.45	14.00	598	560	38.7	31,077	29,120	2,011
Secretaries and administrative assistants	21.60	20.87	831	818	38.5	43,057	42,307	1,994
Executive secretaries and administrative assistants	24.62	24.07	948	909	38.5	49,318	47,284	2,003
Medical secretaries	18.20	18.00	711	720	39.0	36,950	37,440	2,030
Secretaries, except legal, medical, and executive	19.74	20.00	738	769	37.4	37,636	39,265	1,907
Data entry and information processing workers	13.35	12.29	532	491	39.9	27,684	25,553	2,073
Data entry keyers	13.34	12.29	532	491	39.9	27,644	25,553	2,072
Insurance claims and policy processing clerks	18.25	16.72	709	669	38.8	36,867	34,778	2,020
Office clerks, general	20.48	20.47	790	782	38.6	41,078	40,641	2,006
Construction and extraction occupations								
First-line supervisors/managers of construction trades and extraction workers	28.68	27.92	1,144	1,102	39.9	58,995	56,888	2,057
Carpenters	33.39	33.10	1,335	1,324	40.0	69,444	68,848	2,080
Construction laborers	33.03	34.58	1,321	1,383	40.0	68,713	71,926	2,080
Electricians	33.00	29.04	1,320	1,161	40.0	65,602	60,395	1,988
Pipelayers, plumbers, pipefitters, and steamfitters	29.28	26.75	1,171	1,070	40.0	60,893	55,640	2,080
Plumbers, pipefitters, and steamfitters	23.21	23.06	917	922	39.5	47,687	47,965	2,055
Plumbers, pipefitters, and steamfitters	27.22	28.02	1,070	1,000	39.3	55,643	52,000	2,044
Installation, maintenance, and repair occupations								
First-line supervisors/managers of mechanics, installers, and repairers	25.79	24.67	1,037	987	40.2	53,908	51,314	2,090
Automotive technicians and repairers	34.78	32.24	1,454	1,290	41.8	75,603	67,059	2,174
Automotive service technicians and mechanics	27.88	26.25	1,127	1,100	40.4	58,605	57,200	2,102
Industrial machinery installation, repair, and maintenance workers	27.68	25.16	1,113	1,006	40.2	57,886	52,331	2,091
Maintenance and repair workers, general	21.33	20.80	853	832	40.0	44,362	43,264	2,080
Line installers and repairers	20.80	19.15	832	766	40.0	43,274	39,832	2,080
Telecommunications line installers and repairers	28.92	29.68	1,157	1,187	40.0	60,157	61,724	2,080
Telecommunications line installers and repairers	28.26	29.68	1,130	1,187	40.0	58,775	61,724	2,080
Production occupations								
First-line supervisors/managers of production and operating workers	17.04	15.09	677	603	39.7	35,215	31,377	2,067
Electrical, electronics, and electromechanical assemblers	28.27	27.28	1,110	1,091	39.3	57,734	56,751	2,042
Electrical and electronic equipment assemblers	14.46	14.25	578	570	40.0	30,078	29,640	2,080
Miscellaneous assemblers and fabricators	14.15	13.40	566	536	40.0	29,434	27,872	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	13.20	12.75	524	510	39.7	27,239	26,520	2,064
Machine tool cutting setters, operators, and tenders, metal and plastic	17.23	15.41	677	612	39.3	35,220	31,824	2,044

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 2009 — 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								
Machinists	\$24.54	\$23.51	\$982	\$940	40.0	\$51,044	\$48,901	2,080
Printers	16.88	18.00	675	720	40.0	35,114	37,440	2,080
Printing machine operators	17.53	18.00	701	720	40.0	36,464	37,440	2,080
Inspectors, testers, sorters, samplers, and weighers	17.26	16.44	695	658	40.3	36,133	34,191	2,093
Miscellaneous production workers	13.62	13.29	535	525	39.3	27,815	27,310	2,042
Transportation and material moving occupations								
Driver/sales workers and truck drivers	17.95	16.50	709	651	39.5	36,344	33,696	2,024
Truck drivers, heavy and tractor-trailer	19.55	20.20	787	798	40.3	40,929	41,496	2,094
Truck drivers, light or delivery services	21.00	20.70	853	828	40.6	44,365	43,056	2,112
Industrial truck and tractor operators ..	16.85	16.50	674	660	40.0	35,048	34,320	2,080
Laborers and material movers, hand ..	17.92	19.65	717	786	40.0	37,279	40,872	2,080
Laborers and freight, stock, and material movers, hand	13.33	13.25	530	520	39.8	27,565	27,040	2,069
Packers and packagers, hand	13.78	13.70	551	548	40.0	28,660	28,496	2,080
	11.79	11.86	467	478	39.6	24,297	24,856	2,061

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 2009

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	\$27.93	\$22.50	\$1,099	\$874	39.3	\$56,676	\$45,240	2,029
Management occupations	47.60	43.11	1,886	1,700	39.6	98,062	88,401	2,060
General and operations managers	51.28	40.62	2,060	1,625	40.2	107,096	84,490	2,088
Marketing and sales managers	54.42	48.69	2,139	1,947	39.3	111,221	101,265	2,044
Marketing managers	56.62	48.65	2,250	1,946	39.7	116,982	101,190	2,066
Sales managers	50.89	50.48	1,966	2,019	38.6	102,213	105,000	2,009
Computer and information systems managers	53.22	52.19	2,100	2,088	39.5	109,215	108,555	2,052
Financial managers	56.02	54.95	2,252	2,404	40.2	117,112	125,000	2,091
Human resources managers	48.23	45.51	1,928	1,820	40.0	100,256	94,661	2,078
Compensation and benefits managers	48.49	36.49	1,998	1,485	41.2	103,909	77,210	2,143
Industrial production managers	46.29	41.74	1,975	1,866	42.7	102,706	97,013	2,219
Education administrators	42.64	37.50	1,550	1,500	36.3	80,581	78,000	1,890
Education administrators, postsecondary	45.34	40.05	1,626	1,602	35.9	84,551	83,310	1,865
Engineering managers	53.49	54.23	2,174	2,284	40.6	113,033	118,747	2,113
Medical and health services managers	35.74	34.47	1,395	1,412	39.0	72,552	73,445	2,030
Social and community service managers	29.28	32.50	1,142	1,230	39.0	59,396	63,944	2,029
Business and financial operations occupations	33.47	29.21	1,344	1,168	40.1	69,873	60,753	2,088
Buyers and purchasing agents	26.36	26.94	1,073	1,080	40.7	55,790	56,135	2,116
Wholesale and retail buyers, except farm products	23.69	20.00	965	900	40.8	50,199	46,800	2,119
Purchasing agents, except wholesale, retail, and farm products	28.37	28.71	1,154	1,212	40.7	59,997	63,040	2,115
Claims adjusters, appraisers, examiners, and investigators	29.18	29.10	1,122	1,091	38.5	58,342	56,745	2,000
Claims adjusters, examiners, and investigators	29.05	29.10	1,121	1,067	38.6	58,295	55,458	2,006
Compliance officers, except agriculture, construction, health and safety, and transportation	22.77	21.84	903	874	39.6	46,945	45,429	2,062
Human resources, training, and labor relations specialists	31.28	29.37	1,203	1,130	38.5	62,560	58,756	2,000
Compensation, benefits, and job analysis specialists	31.04	28.25	1,234	1,130	39.8	64,159	58,756	2,067
Training and development specialists	34.89	35.38	1,386	1,415	39.7	72,096	73,590	2,067
Management analysts	44.30	36.74	1,840	1,313	41.5	95,677	68,289	2,160
Accountants and auditors	28.35	29.23	1,085	1,012	38.3	56,436	52,630	1,991
Financial analysts and advisors	43.09	35.00	1,822	1,313	42.3	94,747	68,250	2,199
Financial analysts	46.45	36.17	2,008	1,463	43.2	104,439	76,071	2,248
Computer and mathematical science occupations	42.10	42.21	1,677	1,664	39.8	87,010	86,539	2,067
Computer software engineers	48.82	45.96	1,961	1,821	40.2	101,958	94,700	2,088
Computer software engineers, applications	50.69	46.36	2,064	1,846	40.7	107,333	96,000	2,117
Computer software engineers, systems software	47.53	45.41	1,891	1,816	39.8	98,320	94,449	2,069
Computer support specialists	35.46	35.43	1,408	1,385	39.7	73,210	71,994	2,065
Computer systems analysts	41.72	41.25	1,669	1,650	40.0	86,790	85,800	2,080
Network and computer systems administrators	40.80	45.96	1,637	1,838	40.1	85,127	95,601	2,086
Network systems and data communications analysts	35.77	33.67	1,422	1,347	39.8	73,951	70,034	2,067
Architecture and engineering occupations	38.46	38.46	1,569	1,538	40.8	81,597	80,001	2,122
Engineers	44.76	42.34	1,817	1,736	40.6	94,474	90,270	2,111

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 2009 — 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	\$43.80	\$45.43	\$1,798	\$1,868	41.1	\$93,505	\$97,126	2,135
Electrical engineers	41.92	43.99	1,677	1,759	40.0	87,188	91,489	2,080
Electronics engineers, except computer	44.36	45.43	1,836	1,943	41.4	95,451	101,055	2,152
Industrial engineers, including health and safety	37.94	37.68	1,568	1,600	41.3	81,533	83,179	2,149
Industrial engineers	38.78	39.01	1,608	1,601	41.5	83,612	83,227	2,156
Mechanical engineers	40.37	44.01	1,653	1,899	40.9	85,932	98,725	2,129
Engineering technicians, except drafters	25.95	24.59	1,041	984	40.1	54,122	51,151	2,086
Electrical and electronic engineering technicians	26.47	22.44	1,063	898	40.2	55,271	46,677	2,088
Life, physical, and social science occupations								
Life scientists	34.72	27.04	1,370	1,082	39.5	71,015	56,243	2,046
Biological scientists	32.02	27.04	1,272	1,082	39.7	66,119	56,243	2,065
Biochemists and biophysicists	43.24	40.91	1,708	1,635	39.5	88,830	84,999	2,054
Physical scientists	45.04	44.40	1,770	1,769	39.3	92,059	92,000	2,044
Market and survey researchers	33.34	25.96	1,340	1,038	40.2	69,669	54,001	2,090
Market research analysts	53.26	43.42	2,083	1,894	39.1	108,301	98,509	2,033
Community and social services occupations	53.26	43.42	2,083	1,894	39.1	108,301	98,509	2,033
Counselors	17.89	16.09	702	643	39.2	36,057	33,457	2,016
Social workers	15.17	12.50	592	512	39.0	30,783	26,603	2,030
Legal occupations	20.54	19.86	802	775	39.1	40,602	40,310	1,976
Lawyers	60.40	41.76	2,360	1,462	39.1	122,740	76,003	2,032
Education, training, and library occupations	82.14	96.46	3,286	3,858	40.0	170,847	200,637	2,080
Postsecondary teachers	33.40	30.90	1,283	1,154	38.4	58,640	48,507	1,756
Arts, communications, and humanities teachers, postsecondary	51.76	48.89	2,001	1,923	38.7	84,449	77,938	1,632
Miscellaneous postsecondary teachers	46.31	42.14	1,677	1,475	36.2	63,504	59,000	1,371
Primary, secondary, and special education school teachers	47.20	46.04	1,777	1,656	37.6	70,632	61,223	1,496
Preschool and kindergarten teachers	21.50	14.85	835	591	38.9	39,240	30,878	1,825
Preschool teachers, except special education	15.22	13.00	580	488	38.1	29,324	25,350	1,926
Arts, design, entertainment, sports, and media occupations	15.22	13.00	580	488	38.1	29,324	25,350	1,926
Designers	28.33	28.76	1,115	1,150	39.4	57,840	59,790	2,041
Writers and editors	28.36	29.21	1,120	1,168	39.5	58,252	60,748	2,054
Editors	40.31	38.60	1,552	1,351	38.5	80,705	70,250	2,002
Healthcare practitioner and technical occupations	38.42	38.60	1,466	1,351	38.2	76,233	70,250	1,984
Physicians and surgeons	33.91	28.23	1,291	1,100	38.1	66,998	56,701	1,976
Registered nurses	64.44	52.89	2,456	2,115	38.1	127,697	110,001	1,982
Therapists	38.75	32.93	1,416	1,213	36.6	73,619	63,066	1,900
Clinical laboratory technologists and technicians	36.77	38.39	1,429	1,350	38.9	74,294	70,199	2,021
Medical and clinical laboratory technologists	22.20	18.86	880	725	39.6	45,757	37,717	2,061
Medical and clinical laboratory technicians	23.43	20.93	937	837	40.0	48,729	43,534	2,080
Medical and clinical laboratory technicians	20.21	18.86	789	718	39.1	41,052	37,321	2,031

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 2009 — 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								
Health diagnosing and treating practitioner support technicians	\$15.65	\$15.59	\$622	\$621	39.7	\$32,134	\$32,282	2,053
Licensed practical and licensed vocational nurses	24.83	24.70	971	981	39.1	50,511	51,010	2,035
Medical records and health information technicians	15.55	15.15	599	606	38.5	31,125	31,512	2,002
Healthcare support occupations	14.71	13.65	574	531	39.0	29,835	27,612	2,029
Nursing, psychiatric, and home health aides	13.05	12.41	510	482	39.1	26,503	25,064	2,031
Home health aides	11.48	11.00	451	440	39.3	23,477	22,880	2,046
Nursing aides, orderlies, and attendants	14.59	13.93	565	538	38.7	29,384	27,963	2,014
Miscellaneous healthcare support occupations	18.52	17.31	720	680	38.9	37,426	35,360	2,020
Medical assistants	18.40	17.10	732	680	39.8	38,043	35,360	2,067
Protective service occupations								
Security guards and gaming surveillance officers	18.48	16.09	733	644	39.7	38,118	33,467	2,063
Security guards	18.48	16.09	733	644	39.7	38,118	33,467	2,063
Food preparation and serving related occupations								
First-line supervisors/managers, food preparation and serving workers ..	22.08	19.80	926	792	41.9	46,588	37,918	2,110
First-line supervisors/managers of food preparation and serving workers	18.10	16.50	766	683	42.3	38,283	35,539	2,115
Cooks	12.33	13.00	469	502	38.1	24,414	26,125	1,980
Cooks, restaurant	12.16	12.00	459	440	37.8	23,876	22,880	1,964
Food service, tipped	6.88	4.10	236	152	34.3	10,527	6,781	1,530
Fast food and counter workers	9.74	9.65	375	370	38.5	19,318	18,928	1,984
Combined food preparation and serving workers, including fast food	10.50	10.00	418	400	39.8	21,759	20,800	2,072
Counter attendants, cafeteria, food concession, and coffee shop	9.15	9.50	343	347	37.5	17,584	17,799	1,922
Dishwashers	9.59	8.89	377	356	39.3	19,584	18,491	2,041
Building and grounds cleaning and maintenance occupations								
Building cleaning workers	12.50	13.17	495	520	39.6	25,715	27,040	2,057
Janitors and cleaners, except maids and housekeeping cleaners	13.96	13.37	553	530	39.6	28,745	27,560	2,059
Maids and housekeeping cleaners	9.80	10.00	387	395	39.5	20,113	20,530	2,053
Grounds maintenance workers	17.61	13.92	700	557	39.7	31,427	20,800	1,785
Landscaping and groundskeeping workers	17.61	13.92	700	557	39.7	31,427	20,800	1,785
Personal care and service occupations								
Personal care and service occupations	17.88	11.66	574	534	32.1	28,819	25,826	1,612
Sales and related occupations								
First-line supervisors/managers, sales workers	18.48	16.70	766	725	41.5	39,847	37,700	2,156
First-line supervisors/managers of retail sales workers	18.51	16.70	773	725	41.7	40,181	37,700	2,171
Retail sales workers	14.94	13.00	583	508	39.0	30,155	26,325	2,018
Cashiers, all workers	11.71	11.37	440	441	37.5	22,316	22,256	1,905
Cashiers	11.71	11.37	440	441	37.5	22,316	22,256	1,905

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 2009 — 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								
Counter and rental clerks and parts salespersons	\$14.95	\$12.63	\$598	\$505	40.0	\$31,089	\$26,260	2,080
Retail salespersons	16.13	13.86	630	556	39.1	32,779	28,912	2,032
Securities, commodities, and financial services sales agents	88.37	83.90	3,342	3,370	37.8	173,791	175,250	1,967
Sales representatives, wholesale and manufacturing	31.00	28.71	1,234	1,148	39.8	64,187	59,711	2,070
Sales representatives, wholesale and manufacturing, technical and scientific products	39.13	37.59	1,565	1,504	40.0	81,382	78,191	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.65	23.16	978	926	39.7	50,852	48,173	2,063
Miscellaneous sales and related workers	30.04	33.51	1,195	1,341	39.8	62,131	69,709	2,068
Office and administrative support occupations	19.16	18.01	747	720	39.0	38,857	37,440	2,028
First-line supervisors/managers of office and administrative support workers	32.06	31.27	1,276	1,282	39.8	66,341	66,659	2,069
Financial clerks	18.36	17.79	719	712	39.2	37,389	37,009	2,036
Billing and posting clerks and machine operators	16.36	17.69	655	708	40.0	34,034	36,795	2,080
Bookkeeping, accounting, and auditing clerks	21.63	20.11	830	804	38.4	43,182	41,820	1,996
Tellers	14.42	14.28	577	571	40.0	29,986	29,702	2,080
Brokerage clerks	19.33	18.52	762	741	39.4	39,617	38,513	2,049
Customer service representatives	19.30	17.94	747	697	38.7	38,836	36,254	2,012
Receptionists and information clerks ..	15.48	15.00	596	571	38.5	31,017	29,673	2,003
Shipping, receiving, and traffic clerks	18.38	16.00	730	640	39.7	37,975	33,280	2,067
Stock clerks and order fillers	15.15	14.00	595	560	39.3	30,938	29,120	2,043
Secretaries and administrative assistants	21.32	20.10	827	796	38.8	43,029	41,392	2,018
Executive secretaries and administrative assistants	24.88	24.13	970	951	39.0	50,426	49,440	2,027
Medical secretaries	18.11	18.00	706	720	39.0	36,731	37,440	2,028
Secretaries, except legal, medical, and executive	19.05	19.24	718	747	37.7	37,349	38,841	1,960
Insurance claims and policy processing clerks	18.25	16.72	709	669	38.8	36,867	34,778	2,020
Office clerks, general	20.47	21.26	795	814	38.8	41,332	42,320	2,020
Construction and extraction occupations	28.81	28.57	1,151	1,138	40.0	59,289	58,282	2,058
Carpenters	33.43	36.93	1,337	1,477	40.0	69,526	76,814	2,080
Construction laborers	33.00	29.04	1,320	1,161	40.0	65,602	60,395	1,988
Electricians	29.05	26.75	1,162	1,070	40.0	60,416	55,640	2,080
Pipelayers, plumbers, pipefitters, and steamfitters	22.98	23.72	917	949	39.9	47,691	49,338	2,075
Plumbers, pipefitters, and steamfitters	28.11	29.58	1,120	1,183	39.9	58,263	61,522	2,072
Installation, maintenance, and repair occupations	26.03	25.00	1,048	1,000	40.2	54,470	52,000	2,093
First-line supervisors/managers of mechanics, installers, and repairers	34.78	32.24	1,454	1,290	41.8	75,603	67,059	2,174
Automotive technicians and repairers	27.88	26.25	1,127	1,100	40.4	58,605	57,200	2,102
Automotive service technicians and mechanics	27.68	25.16	1,113	1,006	40.2	57,886	52,331	2,091
Industrial machinery installation, repair, and maintenance workers	21.13	20.48	845	819	40.0	43,941	42,598	2,080

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 2009 — Continued

Occupation ²	Hourly earnings ³		Weekly earnings ⁴			Annual earnings ⁵		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Installation, maintenance, and repair occupations —Continued								
Maintenance and repair workers, general	\$20.37	\$19.15	\$815	\$766	40.0	\$42,361	\$39,832	2,080
Line installers and repairers	28.92	29.68	1,157	1,187	40.0	60,157	61,724	2,080
Telecommunications line installers and repairers	28.26	29.68	1,130	1,187	40.0	58,775	61,724	2,080
Production occupations								
First-line supervisors/managers of production and operating workers	17.00	15.09	676	603	39.7	35,127	31,377	2,067
Electrical, electronics, and electromechanical assemblers	28.27	27.28	1,110	1,091	39.3	57,734	56,751	2,042
Electrical and electronic equipment assemblers	14.46	14.25	578	570	40.0	30,078	29,640	2,080
Miscellaneous assemblers and fabricators	14.15	13.40	566	536	40.0	29,434	27,872	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic	13.20	12.75	524	510	39.7	27,239	26,520	2,064
Machinists	17.23	15.41	677	612	39.3	35,220	31,824	2,044
Printers	24.54	23.51	982	940	40.0	51,044	48,901	2,080
Printing machine operators	16.88	18.00	675	720	40.0	35,114	37,440	2,080
Inspectors, testers, sorters, samplers, and weighers	17.53	18.00	701	720	40.0	36,464	37,440	2,080
Miscellaneous production workers	17.26	16.44	695	658	40.3	36,133	34,191	2,093
	13.62	13.29	535	525	39.3	27,815	27,310	2,042
Transportation and material moving occupations								
Driver/sales workers and truck drivers	17.64	16.13	700	646	39.7	36,187	33,550	2,051
Truck drivers, heavy and tractor-trailer	19.55	20.20	787	798	40.3	40,929	41,496	2,094
Truck drivers, light or delivery services	21.00	20.70	853	828	40.6	44,365	43,056	2,112
Industrial truck and tractor operators ..	16.85	16.50	674	660	40.0	35,048	34,320	2,080
Laborers and material movers, hand ..	17.92	19.65	717	786	40.0	37,279	40,872	2,080
Laborers and freight, stock, and material movers, hand	12.92	13.13	514	518	39.8	26,712	26,920	2,068
Packers and packagers, hand	13.11	13.26	525	530	40.0	27,279	27,581	2,080
	11.79	11.86	467	478	39.6	24,297	24,856	2,061

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 2009

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	\$31.30	\$27.97	\$1,174	\$1,091	37.5	\$54,268	\$53,104	1,734
Management occupations	43.12	42.18	1,702	1,654	39.5	86,147	85,995	1,998
Education administrators	51.87	52.56	2,031	2,102	39.2	96,588	95,300	1,862
Education administrators, elementary and secondary school	55.17	54.58	2,174	2,120	39.4	102,103	95,908	1,851
Business and financial operations occupations	29.98	29.66	1,127	1,010	37.6	57,753	53,820	1,926
Computer and mathematical science occupations	35.81	37.28	1,390	1,491	38.8	72,272	77,540	2,018
Life, physical, and social science occupations	31.08	25.02	1,096	890	35.3	51,258	46,569	1,649
Community and social services occupations	32.82	28.00	1,240	1,120	37.8	58,087	58,184	1,770
Counselors	38.02	27.97	1,419	1,253	37.3	61,186	58,184	1,609
Educational, vocational, and school counselors	50.06	50.56	1,744	1,655	34.8	64,863	65,126	1,296
Social workers	31.46	30.20	1,184	1,132	37.6	58,407	58,240	1,857
Education, training, and library occupations	41.00	43.43	1,410	1,520	34.4	53,430	57,294	1,303
Primary, secondary, and special education school teachers	45.92	45.72	1,586	1,598	34.5	58,590	59,742	1,276
Elementary and middle school teachers	46.03	45.67	1,592	1,644	34.6	58,729	60,933	1,276
Elementary school teachers, except special education	46.47	45.74	1,607	1,667	34.6	59,167	61,152	1,273
Middle school teachers, except special and vocational education	44.63	44.85	1,543	1,554	34.6	57,331	58,214	1,285
Secondary school teachers	44.87	45.05	1,553	1,541	34.6	57,629	57,490	1,284
Secondary school teachers, except special and vocational education	44.87	45.05	1,553	1,541	34.6	57,629	57,490	1,284
Special education teachers	46.63	46.96	1,596	1,565	34.2	58,705	57,333	1,259
Special education teachers, preschool, kindergarten, and elementary school	47.83	47.47	1,651	1,621	34.5	60,613	59,982	1,267
Teacher assistants	17.28	15.67	541	470	31.3	20,156	17,201	1,166
Healthcare practitioner and technical occupations	35.41	34.65	1,331	1,329	37.6	63,102	60,152	1,782
Registered nurses	39.08	37.77	1,453	1,511	37.2	67,100	69,056	1,717
Protective service occupations	27.61	26.95	1,114	1,098	40.4	57,947	57,081	2,099
Fire fighters	25.41	24.19	1,123	1,081	44.2	58,371	56,190	2,297
Police officers	27.98	25.94	1,102	1,038	39.4	57,300	53,959	2,048
Police and sheriff's patrol officers	27.98	25.94	1,102	1,038	39.4	57,300	53,959	2,048
Building and grounds cleaning and maintenance occupations	18.19	17.84	727	713	40.0	37,809	37,097	2,078
Building cleaning workers	17.28	17.82	691	713	40.0	35,921	37,061	2,078
Janitors and cleaners, except maids and housekeeping cleaners	17.28	17.82	691	713	40.0	35,921	37,061	2,078
Office and administrative support occupations	22.72	21.34	837	828	36.9	42,922	42,251	1,889
Secretaries and administrative assistants	23.00	22.09	850	849	37.0	43,188	43,807	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 2009 — 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	\$23.65	\$23.39	\$873	\$895	36.9	\$45,386	\$46,556	1,919
Secretaries, except legal, medical, and executive	21.09	21.24	778	828	36.9	38,162	39,265	1,809
Construction and extraction occupations	27.47	25.48	1,084	927	39.5	56,377	48,204	2,053
Installation, maintenance, and repair occupations	23.04	20.42	915	817	39.7	47,583	42,474	2,065
Transportation and material moving occupations	21.40	18.54	800	742	37.4	37,858	37,190	1,769

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 2009**

Occupational group ²	Total	1-99 workers	100-499 workers	500 workers or more
All workers	\$25.91	\$21.72	\$25.62	\$34.64
Management, professional, and related	38.43	34.28	37.88	42.61
Management, business, and financial	42.12	37.07	40.26	48.18
Professional and related	36.37	32.51	36.78	39.52
Service	12.49	11.16	13.46	16.17
Sales and office	19.16	18.20	19.46	21.49
Sales and related	20.05	18.49	21.06	31.45
Office and administrative support	18.53	17.93	18.05	20.00
Natural resources, construction, and maintenance	27.04	24.13	33.26	31.12
Construction and extraction	28.09	25.90	—	—
Installation, maintenance, and repair	25.87	21.31	31.57	31.21
Production, transportation, and material moving	16.48	15.79	15.66	23.77
Production	16.82	15.75	17.82	19.61
Transportation and material moving	16.20	15.83	14.27	—
	Relative error ³ (percent)			
All workers	2.2	4.4	3.7	4.2
Management, professional, and related	3.0	6.4	4.2	4.5
Management, business, and financial	3.9	6.8	6.7	6.1
Professional and related	2.7	6.3	5.0	4.9
Service	2.1	4.5	4.8	3.6
Sales and office	1.8	3.0	4.7	3.7
Sales and related	3.8	5.3	4.9	18.8
Office and administrative support	1.7	2.1	5.8	2.1
Natural resources, construction, and maintenance	6.9	10.4	4.6	2.7
Construction and extraction	10.3	14.9	—	—
Installation, maintenance, and repair	6.7	6.4	8.6	4.5
Production, transportation, and material moving	5.7	5.7	8.1	25.0
Production	8.0	8.6	8.8	2.5
Transportation and material moving	6.0	8.2	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 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 2009

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	\$23.75	\$19.47	\$942	\$770	39.6	\$48,579	\$40,000	2,046
Management occupations	40.35	34.52	1,638	1,472	40.6	85,162	76,518	2,111
General and operations managers	49.30	36.06	2,008	1,625	40.7	104,420	84,490	2,118
Marketing and sales managers	47.17	48.65	1,874	1,946	39.7	97,473	101,190	2,066
Marketing managers	38.59	39.81	1,552	1,493	40.2	80,685	77,620	2,091
Sales managers	56.31	57.18	2,210	2,144	39.3	114,928	111,499	2,041
Financial managers	44.85	41.61	1,786	1,665	39.8	92,869	86,555	2,071
Industrial production managers	46.37	41.74	1,962	1,773	42.3	102,013	92,213	2,200
Business and financial operations occupations ...	30.83	29.02	1,266	1,161	41.1	65,844	60,355	2,136
Buyers and purchasing agents	24.58	20.00	1,013	900	41.2	52,690	46,800	2,143
Accountants and auditors	32.50	33.74	1,264	1,179	38.9	65,723	61,306	2,023
Computer and mathematical science occupations	41.90	42.09	1,699	1,684	40.5	88,348	87,549	2,109
Computer software engineers	57.75	50.48	2,399	2,019	41.6	124,772	105,000	2,161
Computer support specialists	36.98	35.63	1,479	1,425	40.0	76,922	74,100	2,080
Computer systems analysts	43.44	48.75	1,787	1,950	41.1	92,936	101,394	2,140
Architecture and engineering occupations	28.96	29.08	1,160	1,163	40.1	60,336	60,493	2,083
Engineers	34.59	32.15	1,388	1,271	40.1	72,159	66,102	2,086
Electrical and electronics engineers	33.86	31.78	1,354	1,271	40.0	70,425	66,102	2,080
Life, physical, and social science occupations	31.35	25.24	1,254	1,010	40.0	65,199	52,499	2,080
Community and social services occupations	16.12	16.09	623	643	38.7	31,430	30,170	1,950
Education, training, and library occupations	17.39	14.77	658	579	37.9	31,914	27,560	1,835
Primary, secondary, and special education school teachers	15.90	13.50	605	500	38.1	30,317	26,000	1,906
Preschool and kindergarten teachers	15.22	13.00	580	488	38.1	29,324	25,350	1,926
Preschool teachers, except special education	15.22	13.00	580	488	38.1	29,324	25,350	1,926
Arts, design, entertainment, sports, and media occupations	23.04	18.50	921	740	40.0	47,916	38,480	2,080
Healthcare practitioner and technical occupations	-	-	1,375	1,086	38.0	71,520	56,453	1,976
Healthcare support occupations	13.75	12.67	543	496	39.5	28,237	25,813	2,054
Nursing, psychiatric, and home health aides	11.76	11.46	469	468	39.9	24,378	24,315	2,074
Home health aides	11.53	11.46	461	458	40.0	23,973	23,837	2,080
Miscellaneous healthcare support occupations	18.52	16.90	715	676	38.6	37,185	35,158	2,007
Food preparation and serving related occupations	11.10	10.00	425	400	38.3	21,635	20,773	1,950
Cooks	12.09	13.00	464	490	38.3	24,112	25,480	1,994
Cooks, restaurant	11.97	12.00	448	440	37.4	23,316	22,880	1,947
Food service, tipped	5.57	3.26	-	-	-	-	-	-
Fast food and counter workers	9.06	9.50	350	360	38.6	18,203	18,720	2,009
Counter attendants, cafeteria, food concession, and coffee shop	8.63	9.25	325	340	37.7	16,916	17,680	1,961
Building and grounds cleaning and maintenance occupations	13.22	12.50	529	500	40.0	25,541	20,800	1,932
Building cleaning workers	10.68	10.00	427	400	40.0	22,210	20,800	2,080
Personal care and service occupations	10.96	11.06	420	425	38.3	21,834	22,090	1,992
Sales and related occupations	21.35	19.00	844	750	39.5	43,881	39,000	2,055
First-line supervisors/managers, sales workers	17.32	16.11	741	712	42.8	38,521	36,998	2,224
First-line supervisors/managers of retail sales workers	16.96	16.11	744	725	43.9	38,669	37,700	2,280
Retail sales workers	15.53	13.00	605	500	39.0	31,464	26,000	2,026

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 2009**
— 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								
Counter and rental clerks and parts salespersons	\$14.95	\$12.63	\$598	\$505	40.0	\$31,089	\$26,260	2,080
Retail salespersons	17.70	14.12	693	578	39.2	36,049	30,056	2,036
Sales representatives, wholesale and manufacturing	28.27	28.71	1,124	1,148	39.7	58,428	59,711	2,067
Sales representatives, wholesale and manufacturing, technical and scientific products	35.22	34.11	1,409	1,364	40.0	73,262	70,940	2,080
Sales representatives, wholesale and manufacturing, except technical and scientific products	24.93	22.36	988	894	39.6	51,370	46,500	2,060
Office and administrative support occupations								
Financial clerks	18.53	17.89	727	715	39.2	37,801	37,205	2,040
Bookkeeping, accounting, and auditing clerks	16.46	17.55	658	702	40.0	34,235	36,500	2,080
Tellers	19.56	20.11	782	804	40.0	40,688	41,820	2,080
Customer service representatives	14.44	14.28	577	571	40.0	30,028	29,702	2,080
Receptionists and information clerks	17.56	16.96	688	636	39.2	35,785	33,072	2,038
Shipping, receiving, and traffic clerks	15.32	15.00	579	563	37.8	30,106	29,250	1,966
Secretaries and administrative assistants	21.32	21.43	838	804	39.3	43,585	41,787	2,044
Executive secretaries and administrative assistants	21.49	20.00	840	800	39.1	43,674	41,600	2,032
Office clerks, general	24.95	23.18	970	908	38.9	50,428	47,241	2,021
	20.58	21.58	807	815	39.2	41,959	42,403	2,038
Construction and extraction occupations								
Carpenters	26.73	26.50	1,068	1,040	40.0	54,824	53,214	2,051
Electricians	33.10	36.93	1,324	1,477	40.0	68,852	76,814	2,080
	25.42	25.50	1,017	1,020	40.0	52,881	53,040	2,080
Installation, maintenance, and repair occupations								
Automotive technicians and repairers	21.42	20.13	860	805	40.2	44,725	41,868	2,088
Automotive service technicians and mechanics	23.20	25.00	939	1,000	40.5	48,852	52,000	2,106
Industrial machinery installation, repair, and maintenance workers	22.67	25.00	913	1,000	40.3	47,467	52,000	2,094
Maintenance and repair workers, general	20.25	19.15	810	766	40.0	42,110	39,832	2,080
	20.19	19.15	807	766	40.0	41,985	39,832	2,080
Production occupations								
Electrical, electronics, and electromechanical assemblers	15.91	14.00	631	542	39.7	32,813	28,184	2,062
Printers	13.26	12.00	530	480	40.0	27,574	24,960	2,080
Printing machine operators	16.88	18.00	675	720	40.0	35,114	37,440	2,080
Inspectors, testers, sorters, samplers, and weighers	17.53	18.00	701	720	40.0	36,464	37,440	2,080
	17.69	16.43	708	657	40.0	36,792	34,174	2,080
Transportation and material moving occupations								
Driver/sales workers and truck drivers	16.91	16.04	682	640	40.3	35,042	33,280	2,072
Truck drivers, heavy and tractor-trailer	19.08	19.95	773	798	40.5	40,219	41,496	2,108
Laborers and material movers, hand	20.83	20.62	854	820	41.0	44,396	42,619	2,131
Laborers and freight, stock, and material movers, hand	13.25	13.81	522	518	39.4	27,160	26,920	2,050
Packers and packagers, hand	14.66	15.75	586	630	40.0	30,495	32,760	2,080
	11.34	11.25	445	463	39.3	23,156	24,066	2,042

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 2009

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	\$31.74	\$26.85	\$1,240	\$1,018	39.1	\$63,930	\$52,556	2,014
Management occupations	53.07	48.75	2,065	1,934	38.9	107,393	100,549	2,024
General and operations managers	57.48	44.83	2,212	1,793	38.5	115,002	93,255	2,001
Marketing and sales managers	62.11	56.17	2,413	2,106	38.8	125,454	109,524	2,020
Marketing managers	70.24	71.52	2,766	3,039	39.4	143,823	158,034	2,048
Computer and information systems managers	58.18	54.10	2,286	2,141	39.3	118,858	111,306	2,043
Financial managers	62.30	66.74	2,518	2,506	40.4	130,958	130,295	2,102
Human resources managers	50.99	45.51	1,997	1,820	39.2	103,850	94,661	2,036
Education administrators	45.27	42.86	1,630	1,741	36.0	84,744	90,540	1,872
Education administrators, postsecondary	45.34	40.05	1,626	1,602	35.9	84,551	83,310	1,865
Engineering managers	58.02	57.79	2,375	2,335	40.9	123,520	121,414	2,129
Medical and health services managers	35.74	34.47	1,395	1,412	39.0	72,552	73,445	2,030
Business and financial operations occupations	34.93	29.22	1,385	1,168	39.7	72,019	60,753	2,062
Buyers and purchasing agents	31.81	29.22	1,247	1,080	39.2	64,830	56,135	2,038
Claims adjusters, appraisers, examiners, and investigators	26.86	25.78	1,025	966	38.1	53,284	50,252	1,983
Claims adjusters, examiners, and investigators Compliance officers, except agriculture, construction, health and safety, and transportation	26.22	23.91	1,003	892	38.3	52,179	46,371	1,990
Human resources, training, and labor relations specialists	23.92	21.84	946	874	39.5	49,194	45,429	2,057
Training and development specialists	28.11	24.89	1,065	995	37.9	55,400	51,763	1,971
Management analysts	28.64	26.28	1,133	995	39.6	58,919	51,763	2,057
Accountants and auditors	44.65	33.32	1,761	1,313	39.5	91,598	68,289	2,052
Financial analysts and advisors	24.39	21.49	920	840	37.7	47,855	43,698	1,962
Financial analysts	42.16	32.80	1,801	1,312	42.7	93,664	68,232	2,222
Financial analysts	45.19	32.80	1,969	1,463	43.6	102,378	76,071	2,265
Computer and mathematical science occupations	42.22	42.31	1,664	1,654	39.4	86,265	85,800	2,043
Computer software engineers	46.39	45.41	1,846	1,816	39.8	95,998	94,449	2,070
Computer software engineers, applications	41.72	40.87	1,664	1,627	39.9	86,523	84,601	2,074
Computer software engineers, systems software	48.61	46.54	1,933	1,852	39.8	100,495	96,302	2,067
Computer support specialists	33.12	34.84	1,300	1,291	39.3	67,624	67,134	2,042
Computer systems analysts	40.27	40.85	1,574	1,500	39.1	81,855	78,000	2,033
Network and computer systems administrators	47.65	48.21	1,915	1,928	40.2	99,605	100,277	2,090
Network systems and data communications analysts	35.77	33.67	1,422	1,347	39.8	73,951	70,034	2,067
Architecture and engineering occupations	42.22	40.01	1,735	1,683	41.1	90,241	87,499	2,137
Engineers	47.94	46.03	1,953	1,868	40.7	101,565	97,126	2,118
Electrical and electronics engineers	47.67	47.86	1,978	1,943	41.5	102,840	101,055	2,157
Electronics engineers, except computer	48.74	48.81	2,041	1,952	41.9	106,158	101,525	2,178
Industrial engineers, including health and safety Industrial engineers	38.78	39.01	1,608	1,601	41.5	83,612	83,227	2,156
Mechanical engineers	38.78	39.01	1,608	1,601	41.5	83,612	83,227	2,156
Mechanical engineers	41.72	46.68	1,705	1,807	40.9	88,683	93,960	2,126
Engineering technicians, except drafters	29.26	28.54	1,175	1,141	40.2	61,094	59,357	2,088
Electrical and electronic engineering technicians	32.34	36.73	1,302	1,469	40.3	67,690	76,398	2,093
Life, physical, and social science occupations	35.82	29.54	1,407	1,082	39.3	72,881	56,243	2,035
Life scientists	30.63	27.04	1,215	1,082	39.7	63,186	56,243	2,063
Biological scientists	43.24	40.91	1,708	1,635	39.5	88,830	84,999	2,054
Biochemists and biophysicists	45.04	44.40	1,770	1,769	39.3	92,059	92,000	2,044
Physical scientists	46.76	45.64	1,892	2,054	40.5	98,408	106,798	2,104
Community and social services occupations	18.95	20.01	750	720	39.6	38,995	37,457	2,058
Social workers	23.05	22.12	922	885	40.0	47,951	46,010	2,080
Legal occupations	64.54	71.53	2,529	2,861	39.2	131,511	148,784	2,038
Education, training, and library occupations	46.37	43.97	1,803	1,694	38.9	78,668	74,000	1,697
Postsecondary teachers	52.76	49.77	2,059	1,956	39.0	88,388	80,340	1,675
Arts, communications, and humanities teachers, postsecondary	46.31	42.14	1,677	1,475	36.2	63,504	59,000	1,371

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 2009**
— 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								
Miscellaneous postsecondary teachers	\$48.23	\$46.04	\$1,845	\$1,694	38.2	\$75,120	\$75,557	1,557
Arts, design, entertainment, sports, and media occupations	35.04	31.43	1,352	1,250	38.6	69,893	65,000	1,995
Writers and editors	39.80	38.60	1,515	1,351	38.1	78,800	70,250	1,980
Editors	36.99	38.60	1,386	1,351	37.5	72,096	70,250	1,949
Healthcare practitioner and technical occupations	33.01	29.25	1,259	1,100	38.1	65,240	56,701	1,976
Physicians and surgeons	49.82	29.08	1,993	1,163	40.0	103,616	60,486	2,080
Registered nurses	39.85	33.99	1,446	1,280	36.3	75,135	66,560	1,885
Clinical laboratory technologists and technicians ...	21.77	18.13	862	718	39.6	44,832	37,321	2,059
Medical and clinical laboratory technologists	23.43	20.93	937	837	40.0	48,729	43,534	2,080
Medical and clinical laboratory technicians	18.34	18.13	712	718	38.8	37,016	37,321	2,018
Health diagnosing and treating practitioner support technicians	17.67	17.50	700	700	39.6	36,086	36,400	2,042
Licensed practical and licensed vocational nurses	25.58	24.70	1,005	988	39.3	52,249	51,378	2,042
Healthcare support occupations	15.62	14.56	602	567	38.6	31,323	29,494	2,006
Nursing, psychiatric, and home health aides	14.25	13.75	546	520	38.3	28,401	27,040	1,993
Nursing aides, orderlies, and attendants	14.63	13.93	567	538	38.7	29,475	27,963	2,015
Miscellaneous healthcare support occupations	18.52	18.00	725	680	39.1	37,704	35,360	2,035
Protective service occupations	17.62	16.41	705	656	40.0	36,644	34,133	2,080
Security guards and gaming surveillance officers ..	16.04	16.09	642	644	40.0	33,365	33,467	2,080
Security guards	16.04	16.09	642	644	40.0	33,365	33,467	2,080
Food preparation and serving related occupations	13.74	13.00	528	510	38.4	26,414	25,958	1,923
First-line supervisors/managers, food preparation and serving workers	18.46	19.57	734	772	39.7	35,898	34,886	1,944
Cooks	13.34	13.00	493	520	37.0	25,647	27,040	1,922
Fast food and counter workers	13.33	12.53	504	455	37.8	24,814	22,718	1,862
Building and grounds cleaning and maintenance occupations	14.19	13.37	559	527	39.4	29,068	27,425	2,048
Building cleaning workers	13.40	13.25	527	527	39.3	27,421	27,425	2,046
Janitors and cleaners, except maids and housekeeping cleaners	14.12	13.55	558	535	39.5	29,000	27,799	2,054
Maids and housekeeping cleaners	10.88	10.44	422	413	38.8	21,949	21,486	2,017
Grounds maintenance workers	15.81	13.02	620	521	39.2	32,233	27,077	2,039
Landscaping and groundskeeping workers	15.81	13.02	620	521	39.2	32,233	27,077	2,039
Personal care and service occupations	23.59	17.53	667	682	28.3	32,846	31,990	1,392
Sales and related occupations	29.02	16.90	1,142	676	39.4	59,071	35,154	2,036
First-line supervisors/managers, sales workers	20.21	18.90	801	756	39.7	41,675	39,312	2,063
First-line supervisors/managers of retail sales workers	20.21	18.90	801	756	39.7	41,675	39,312	2,063
Retail sales workers	13.94	13.15	545	518	39.1	27,945	26,441	2,005
Cashiers, all workers	12.21	12.40	479	486	39.2	23,697	22,825	1,941
Cashiers	12.21	12.40	479	486	39.2	23,697	22,825	1,941
Retail salespersons	14.57	13.50	568	539	39.0	29,554	28,038	2,029
Securities, commodities, and financial services sales agents	88.43	84.14	3,344	3,370	37.8	173,877	175,250	1,966
Sales representatives, wholesale and manufacturing	38.41	37.59	1,537	1,504	40.0	79,900	78,191	2,080
Sales representatives, wholesale and manufacturing, technical and scientific products	43.71	50.48	1,748	2,019	40.0	90,921	105,000	2,080
Office and administrative support occupations	19.67	18.59	763	727	38.8	39,690	37,794	2,018

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 2009**
— 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								
First-line supervisors/managers of office and administrative support workers	\$26.40	\$25.02	\$1,051	\$1,001	39.8	\$54,657	\$52,046	2,070
Financial clerks	21.05	19.37	801	749	38.0	41,634	38,958	1,978
Billing and posting clerks and machine operators	16.44	16.39	657	656	40.0	34,186	34,091	2,080
Bookkeeping, accounting, and auditing clerks ...	23.40	21.63	868	789	37.1	45,149	41,030	1,930
Brokerage clerks	19.33	18.52	762	741	39.4	39,617	38,513	2,049
Customer service representatives	20.21	18.00	777	707	38.4	40,406	36,774	1,999
Receptionists and information clerks	15.76	15.86	627	603	39.8	32,615	31,359	2,070
Shipping, receiving, and traffic clerks	16.63	14.65	665	586	40.0	34,584	30,472	2,080
Secretaries and administrative assistants	21.20	20.65	819	790	38.6	42,585	41,080	2,009
Executive secretaries and administrative assistants	24.84	24.77	970	965	39.0	50,425	50,186	2,030
Medical secretaries	17.93	18.16	699	696	39.0	36,348	36,181	2,027
Secretaries, except legal, medical, and executive	19.12	19.24	708	729	37.1	36,842	37,922	1,927
Insurance claims and policy processing clerks	19.12	18.18	735	696	38.5	38,223	36,192	2,000
Office clerks, general	20.19	19.46	767	765	38.0	39,906	39,782	1,976
Construction and extraction occupations	34.55	36.99	1,380	1,480	40.0	71,782	76,939	2,078
Electricians	35.44	41.21	1,418	1,648	40.0	73,721	85,717	2,080
Pipelayers, plumbers, pipefitters, and steamfitters	29.79	31.67	1,186	1,267	39.8	61,662	65,874	2,070
Plumbers, pipefitters, and steamfitters	29.79	31.67	1,186	1,267	39.8	61,662	65,874	2,070
Installation, maintenance, and repair occupations	31.67	31.95	1,278	1,278	40.3	66,457	66,450	2,098
First-line supervisors/managers of mechanics, installers, and repairers	38.37	37.81	1,645	1,513	42.9	85,527	78,653	2,229
Industrial machinery installation, repair, and maintenance workers	22.76	22.95	911	918	40.0	47,348	47,736	2,080
Line installers and repairers	29.34	31.95	1,174	1,278	40.0	61,037	66,450	2,080
Production occupations	18.46	16.44	736	658	39.9	38,264	34,191	2,073
First-line supervisors/managers of production and operating workers	26.34	27.00	1,054	1,080	40.0	54,797	56,152	2,080
Electrical, electronics, and electromechanical assemblers	16.68	15.99	667	640	40.0	34,702	33,263	2,080
Inspectors, testers, sorters, samplers, and weighers	16.84	16.44	682	658	40.5	35,481	34,191	2,107
Transportation and material moving occupations	18.41	16.25	719	660	39.0	37,368	34,320	2,029
Driver/sales workers and truck drivers	20.89	21.36	825	854	39.5	42,899	44,429	2,054
Laborers and material movers, hand	12.70	13.00	508	520	40.0	26,414	27,040	2,080
Laborers and freight, stock, and material movers, hand	12.31	13.05	492	522	40.0	25,601	27,144	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 2009

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	\$28.85	\$26.29	\$31.83	\$25.92	\$25.87	\$27.23
Management, professional, and related	39.57	40.10	39.37	38.13	38.36	33.44
Management, business, and financial	41.55	—	41.55	41.92	42.12	38.99
Professional and related	39.44	40.10	39.17	35.81	36.12	27.92
Service	22.06	16.93	25.04	12.37	12.08	20.01
Sales and office	20.49	19.39	23.11	19.13	19.14	18.80
Sales and related	11.01	10.16	—	20.36	20.52	—
Office and administrative support	22.56	22.36	22.95	18.23	18.11	20.74
Natural resources, construction, and maintenance	31.84	33.37	24.68	24.02	23.83	—
Construction and extraction	32.91	34.20	25.47	24.00	23.54	—
Installation, maintenance, and repair	29.39	31.24	23.56	24.28	24.35	—
Production, transportation, and material moving	20.86	20.69	21.74	15.32	15.32	—
Production	21.09	20.87	—	16.07	16.09	—
Transportation and material moving	20.78	20.61	21.40	14.59	14.58	—
	Relative error ⁴ (percent)					
All workers	1.9	3.3	2.6	2.3	2.4	7.3
Management, professional, and related	3.1	7.9	3.1	3.0	3.1	5.6
Management, business, and financial	11.1	—	11.1	3.7	3.9	5.4
Professional and related	3.0	7.9	2.8	2.8	2.9	7.1
Service	2.5	7.0	2.7	2.4	2.4	11.0
Sales and office	5.2	7.6	4.7	1.6	1.6	10.1
Sales and related	9.3	7.5	—	3.8	3.7	—
Office and administrative support	5.9	8.7	4.7	1.3	1.3	6.0
Natural resources, construction, and maintenance	2.5	2.1	5.2	8.0	8.3	—
Construction and extraction	3.2	2.2	8.1	12.5	13.0	—
Installation, maintenance, and repair	3.8	3.1	8.2	8.6	8.7	—
Production, transportation, and material moving	10.6	12.9	9.0	4.8	4.8	—
Production	13.7	14.5	—	6.7	6.7	—
Transportation and material moving	13.7	17.7	9.1	4.7	4.7	—

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 2009

Occupational group ³	Time		Incentive	
	Civilian workers	Private industry workers	Civilian workers	Private industry workers
All workers	\$26.35	\$25.83	\$27.89	\$27.89
Management, professional, and related	38.25	38.36	47.03	47.03
Management, business, and financial	41.81	42.01	47.03	47.03
Professional and related	36.47	36.37	—	—
Service	14.16	12.37	—	—
Sales and office	18.51	18.33	26.99	26.99
Sales and related	17.89	17.99	28.05	28.05
Office and administrative support	18.84	18.53	18.48	18.48
Natural resources, construction, and maintenance	26.74	26.84	—	—
Construction and extraction	—	28.09	—	—
Installation, maintenance, and repair	25.02	25.21	—	—
Production, transportation, and material moving	16.46	16.24	20.88	20.88
Production	16.81	16.77	—	—
Transportation and material moving	16.18	15.78	—	—
	Relative error ⁴ (percent)			
All workers	2.0	2.3	15.1	15.1
Management, professional, and related	2.6	3.0	16.5	16.5
Management, business, and financial	3.8	4.1	16.5	16.5
Professional and related	2.3	2.7	—	—
Service	1.9	1.9	—	—
Sales and office	2.5	2.7	15.6	15.6
Sales and related	7.5	7.6	15.2	15.2
Office and administrative support	1.6	1.7	8.1	8.1
Natural resources, construction, and maintenance	6.2	6.9	—	—
Construction and extraction	—	10.3	—	—
Installation, maintenance, and repair	4.1	4.3	—	—
Production, transportation, and material moving	5.8	6.2	15.8	15.8
Production	7.3	7.5	—	—
Transportation and material moving	7.1	7.8	—	—

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 2009

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	\$27.99	\$27.65	\$21.00	–	–	–	\$26.00	\$12.26	–
Management, professional, and related	30.92	41.52	41.59	–	–	–	33.99	23.28	–
Management, business, and financial	–	44.88	42.90	–	–	–	39.51	–	–
Professional and related	–	38.98	39.66	–	–	–	33.02	23.29	–
Service	–	–	16.05	–	–	–	14.13	10.11	–
Sales and office	18.79	24.84	15.16	–	–	–	19.24	14.04	–
Sales and related	–	40.83	14.87	–	–	–	–	15.01	–
Office and administrative support	–	19.30	15.84	–	–	–	18.99	13.15	–
Natural resources, construction, and maintenance	28.26	23.85	26.90	–	–	–	28.48	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	24.86	24.08	26.35	–	–	–	–	–	–
Production, transportation, and material moving	–	16.35	17.61	–	–	–	15.37	–	–
Production	–	16.44	23.82	–	–	–	–	–	–
Transportation and material moving ...	–	15.85	16.67	–	–	–	–	–	–
	Relative error ⁴ (percent)								
All workers	11.3	3.0	5.0	–	–	–	3.2	8.4	–
Management, professional, and related	16.6	4.4	5.1	–	–	–	2.9	1.5	–
Management, business, and financial	–	2.6	7.7	–	–	–	5.4	–	–
Professional and related	–	6.0	8.9	–	–	–	3.4	1.0	–
Service	–	–	7.0	–	–	–	4.3	6.6	–
Sales and office	20.2	5.0	4.4	–	–	–	2.5	5.1	–
Sales and related	–	7.1	7.2	–	–	–	–	12.2	–
Office and administrative support	–	3.1	5.7	–	–	–	2.0	2.5	–
Natural resources, construction, and maintenance	12.7	3.6	13.9	–	–	–	5.0	–	–
Construction and extraction	–	–	–	–	–	–	–	–	–
Installation, maintenance, and repair ..	4.3	5.2	15.7	–	–	–	–	–	–
Production, transportation, and material moving	–	7.8	7.6	–	–	–	11.0	–	–
Production	–	10.2	12.8	–	–	–	–	–	–
Transportation and material moving ...	–	7.7	7.7	–	–	–	–	–	–

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 establishments

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 2009**

Occupational group ²	Civilian workers	Private industry workers	State and local government workers
All workers	2,782,800	2,449,000	333,800
Management, professional, and related	1,069,300	885,200	184,100
Management, business, and financial	322,400	292,600	29,800
Professional and related	746,900	592,700	154,200
Service	592,000	516,100	75,900
Sales and office	649,900	605,000	44,800
Sales and related	272,000	263,800	–
Office and administrative support	377,800	341,200	36,600
Natural resources, construction, and maintenance	181,400	165,900	15,400
Construction and extraction	104,000	94,400	9,600
Installation, maintenance, and repair	75,400	69,500	5,800
Production, transportation, and material moving	290,300	276,700	13,600
Production	113,700	112,200	–
Transportation and material moving	176,600	164,500	12,000

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 2009**

Establishments	Total	Private industry	State and local government
Total in sampling frame ¹	118,094	112,828	5,266
Total in sample	883	802	81
Responding	595	516	79
Refused or unable to provide data	174	172	2
Out of business or not in survey scope	114	114	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	13-0000	Business and Financial Operations Occupations
11-2020	Marketing and Sales Managers	13-1011	Agents and Business Managers of Artists, Performers, and Athletes
11-2021	Marketing Managers	13-1020	Buyers and Purchasing Agents
11-2022	Sales Managers	13-1021	Purchasing Agents and Buyers, Farm Products
11-2031	Public Relations Managers	13-1022	Wholesale and Retail Buyers, Except Farm Products
11-3011	Administrative Services Managers	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products
11-3021	Computer and Information Systems Managers	13-1030	Claims Adjusters, Appraisers, Examiners, and Investigators
11-3031	Financial Managers	13-1031	Claims Adjusters, Examiners, and Investigators
11-3040	Human Resources Managers	13-1032	Insurance Appraisers, Auto Damage Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation
11-3041	Compensation and Benefits Managers	13-1041	Cost Estimators
11-3042	Training and Development Managers	13-1051	Emergency Management Specialists
11-3051	Industrial Production Managers	13-1061	Human Resources, Training, and Labor Relations Specialists
11-3061	Purchasing Managers	13-1070	Employment, Recruitment, and Placement Specialists
11-3071	Transportation, Storage, and Distribution Managers	13-1071	Compensation, Benefits, and Job Analysis Specialists
11-9010	Agricultural Managers	13-1072	Training and Development Specialists
11-9011	Farm, Ranch, and Other Agricultural Managers	13-1073	Logisticians
11-9012	Farmers and Ranchers	13-1081	Management Analysts
11-9021	Construction Managers	13-1111	Meeting and Convention Planners
11-9030	Education Administrators	13-1121	Accountants and Auditors
11-9031	Education Administrators, Preschool and Child Care Center/Program	13-2011	
11-9032	Education Administrators, Elementary and Secondary School		
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	17-2041	Chemical Engineers
13-2031	Budget Analysts	17-2051	Civil Engineers
13-2041	Credit Analysts	17-2061	Computer Hardware Engineers
13-2050	Financial Analysts and Advisors	17-2070	Electrical and Electronics Engineers
13-2051	Financial Analysts	17-2071	Electrical Engineers
13-2052	Personal Financial Advisors	17-2072	Electronics Engineers, Except Computer
13-2053	Insurance Underwriters	17-2081	Environmental Engineers
13-2061	Financial Examiners	17-2110	Industrial Engineers, Including Health and Safety
13-2070	Loan Counselors and Officers		
13-2071	Loan Counselors	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
13-2072	Loan Officers		
13-2080	Tax Examiners, Collectors, Preparers, and Revenue Agents	17-2112	Industrial Engineers
13-2081	Tax Examiners, Collectors, and Revenue Agents	17-2121	Marine Engineers and Naval Architects
13-2082	Tax Preparers	17-2131	Materials Engineers
		17-2141	Mechanical Engineers
		17-2151	Mining and Geological Engineers, Including Mining Safety Engineers
15-0000	Computer and Mathematical Science Occupations	17-2161	Nuclear Engineers
15-1011	Computer and Information Scientists, Research	17-2171	Petroleum Engineers
15-1021	Computer Programmers	17-3010	Drafters
15-1030	Computer Software Engineers	17-3011	Architectural and Civil Drafters
15-1031	Computer Software Engineers, Applications	17-3012	Electrical and Electronics Drafters
15-1032	Computer Software Engineers, Systems Software	17-3013	Mechanical Drafters
15-1041	Computer Support Specialists	17-3020	Engineering Technicians, Except Drafters
15-1051	Computer Systems Analysts	17-3021	Aerospace Engineering and Operations Technicians
15-1061	Database Administrators	17-3022	Civil Engineering Technicians
15-1071	Network and Computer Systems Administrators	17-3023	Electrical and Electronic Engineering Technicians
15-1081	Network Systems and Data Communications Analysts	17-3024	Electro-Mechanical Technicians
15-2011	Actuaries	17-3025	Environmental Engineering Technicians
15-2021	Mathematicians	17-3026	Industrial Engineering Technicians
15-2031	Operations Research Analysts	17-3027	Mechanical Engineering Technicians
15-2041	Statisticians	17-3031	Surveying and Mapping Technicians
15-2090	Miscellaneous Mathematical Science Occupations	19-0000	Life, Physical, and Social Science Occupations
15-2091	Mathematical Technicians	19-1000	Life Scientists
		19-1010	Agricultural and Food Scientists
		19-1011	Animal Scientists
		19-1012	Food Scientists and Technologists
17-0000	Architecture and Engineering Occupations	19-1013	Soil and Plant Scientists
17-1010	Architects, Except Naval	19-1020	Biological Scientists
17-1011	Architects, Except Landscape and Naval	19-1021	Biochemists and Biophysicists
17-1012	Landscape Architects	19-1022	Microbiologists
17-1020	Surveyors, Cartographers, and Photogrammetrists	19-1023	Zoologists and Wildlife Biologists
17-1021	Cartographers and Photogrammetrists	19-1030	Conservation Scientists and Foresters
17-1022	Surveyors	19-1031	Conservation Scientists
17-2000	Engineers	19-1032	Foresters
17-2011	Aerospace Engineers	19-1040	Medical Scientists
17-2021	Agricultural Engineers	19-1041	Epidemiologists
17-2031	Biomedical Engineers	19-1042	Medical Scientists, Except Epidemiologists
		19-2000	Physical Scientists
		19-2010	Astronomers and Physicists

19-2011	Astronomers	21-1023	Mental Health and Substance Abuse Social Workers
19-2012	Physicists	21-1090	Miscellaneous Community and Social Service Specialists
19-2021	Atmospheric and Space Scientists	21-1091	Health Educators
19-2030	Chemists and Materials Scientists	21-1092	Probation Officers and Correctional Treatment Specialists
19-2031	Chemists	21-1093	Social and Human Service Assistants
19-2032	Materials Scientists	21-2011	Clergy
19-2040	Environmental Scientists and Geoscientists	21-2021	Directors, Religious Activities and Education
19-2041	Environmental Scientists and Specialists, Including Health		
19-2042	Geoscientists, Except Hydrologists and Geographers	23-0000	Legal Occupations
19-2043	Hydrologists	23-1011	Lawyers
19-3011	Economists	23-1020	Judges, Magistrates, and Other Judicial Workers
19-3020	Market and Survey Researchers	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers
19-3021	Market Research Analysts	23-1022	Arbitrators, Mediators, and Conciliators
19-3022	Survey Researchers	23-1023	Judges, Magistrate Judges, and Magistrates
19-3030	Psychologists	23-2011	Paralegals and Legal Assistants
19-3031	Clinical, Counseling, and School Psychologists	23-2090	Miscellaneous Legal Support Workers
19-3032	Industrial-Organizational Psychologists	23-2091	Court Reporters
19-3041	Sociologists	23-2092	Law Clerks
19-3051	Urban and Regional Planners	23-2093	Title Examiners, Abstractors, and Searchers
19-3090	Miscellaneous Social Scientists and Related Workers		
19-3091	Anthropologists and Archeologists	25-0000	Education, Training and Library Occupations
19-3092	Geographers	25-1000	Postsecondary Teachers
19-3093	Historians	25-1011	Business Teachers, Postsecondary
19-3094	Political Scientists	25-1020	Math and Computer Teachers, Postsecondary
19-4011	Agricultural and Food Science Technicians	25-1021	Computer Science Teachers, Postsecondary
19-4021	Biological Technicians	25-1022	Mathematical Science Teachers, Postsecondary
19-4031	Chemical Technicians	25-1030	Engineering and Architecture Teachers, Postsecondary
19-4041	Geological and Petroleum Technicians	25-1031	Architecture Teachers, Postsecondary
19-4051	Nuclear Technicians	25-1032	Engineering Teachers, Postsecondary
19-4061	Social Science Research Assistants	25-1040	Life Sciences Teachers, Postsecondary
19-4090	Miscellaneous Life, Physical, and Social Science Technicians	25-1041	Agricultural Sciences Teachers, Postsecondary
19-4091	Environmental Science and Protection Technicians, Including Health	25-1042	Biological Science Teachers, Postsecondary
19-4092	Forensic Science Technicians	25-1043	Forestry and Conservation Science Teachers, Postsecondary
19-4093	Forest and Conservation Technicians	25-1050	Physical Sciences Teachers, Postsecondary
21-0000	Community and Social Services Occupations	25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
21-1010	Counselors	25-1052	Chemistry Teachers, Postsecondary
21-1011	Substance Abuse and Behavioral Disorder Counselors	25-1053	Environmental Science Teachers, Postsecondary
21-1012	Educational, Vocational, and School Counselors	25-1054	Physics Teachers, Postsecondary
21-1013	Marriage and Family Therapists	25-1060	Social Sciences Teachers, Postsecondary
21-1014	Mental Health Counselors	25-1061	Anthropology and Archeology Teachers, Postsecondary
21-1015	Rehabilitation Counselors		
21-1020	Social Workers		
21-1021	Child, Family, and School Social Workers		
21-1022	Medical and Public Health Social Workers		

25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-2030	Secondary School Teachers
25-1063	Economics Teachers, Postsecondary	25-2031	Secondary School Teachers, Except Special and Vocational Education
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
		27-2012	Producers and Directors
		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	29-1081	Podiatrists
27-2032	Choreographers	29-1111	Registered Nurses
27-2040	Musicians, Singers, and Related Workers	29-1120	Therapists
27-2041	Music Directors and Composers	29-1121	Audiologists
27-2042	Musicians and Singers	29-1122	Occupational Therapists
27-3010	Announcers	29-1123	Physical Therapists
27-3011	Radio and Television Announcers	29-1124	Radiation Therapists
27-3012	Public Address System and Other Announcers	29-1125	Recreational Therapists
27-3020	News Analysts, Reporters and Correspondents	29-1126	Respiratory Therapists
27-3021	Broadcast News Analysts	29-1127	Speech-Language Pathologists
27-3022	Reporters and Correspondents	29-1131	Veterinarians
27-3031	Public Relations Specialists	29-2010	Clinical Laboratory Technologists and Technicians
27-3040	Writers and Editors	29-2011	Medical and Clinical Laboratory Technologists
27-3041	Editors	29-2012	Medical and Clinical Laboratory Technicians
27-3042	Technical Writers	29-2021	Dental Hygienists
27-3043	Writers and Authors	29-2030	Diagnostic Related Technologists and Technicians
27-3090	Miscellaneous Media and Communication Workers	29-2031	Cardiovascular Technologists and Technicians
27-3091	Interpreters and Translators	29-2032	Diagnostic Medical Sonographers
27-4010	Broadcast and Sound Engineering Technicians and Radio Operators	29-2033	Nuclear Medicine Technologists
27-4011	Audio and Video Equipment Technicians	29-2034	Radiologic Technologists and Technicians
27-4012	Broadcast Technicians	29-2041	Emergency Medical Technicians and Paramedics
27-4013	Radio Operators	29-2050	Health Diagnosing and Treating Practitioner Support Technicians
27-4014	Sound Engineering Technicians	29-2051	Dietetic Technicians
27-4021	Photographers	29-2052	Pharmacy Technicians
27-4030	Television, Video, and Motion Picture Camera Operators and Editors	29-2053	Psychiatric Technicians
27-4031	Camera Operators, Television, Video, and Motion Picture	29-2054	Respiratory Therapy Technicians
27-4032	Film and Video Editors	29-2055	Surgical Technologists
		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		
29-1061	Anesthesiologists	31-0000	Healthcare Support Occupations
29-1062	Family and General Practitioners	31-1010	Nursing, Psychiatric, and Home Health Aides
29-1063	Internists, General	31-1011	Home Health Aides
29-1064	Obstetricians and Gynecologists		
29-1065	Pediatricians, General		
29-1066	Psychiatrists		
29-1067	Surgeons		
29-1071	Physician Assistants		

31-1012	Nursing Aides, Orderlies, and Attendants	35-0000	Food Preparation and Serving Related Occupations
31-1013	Psychiatric Aides		
31-2010	Occupational Therapist Assistants and Aides	35-1010	First-Line Supervisors/Managers, Food Preparation and Serving Workers
31-2011	Occupational Therapist Assistants		
31-2012	Occupational Therapist Aides	35-1011	Chefs and Head Cooks
31-2020	Physical Therapist Assistants and Aides	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers
31-2021	Physical Therapist Assistants		
31-2022	Physical Therapist Aides	35-2010	Cooks
31-9011	Massage Therapists	35-2011	Cooks, Fast Food
31-9090	Miscellaneous Healthcare Support Occupations	35-2012	Cooks, Institution and Cafeteria
		35-2014	Cooks, Restaurant
31-9091	Dental Assistants	35-2015	Cooks, Short Order
31-9092	Medical Assistants	35-2021	Food Preparation Workers
31-9093	Medical Equipment Preparers	35-3011	Bartenders
31-9094	Medical Transcriptionists	35-3020	Fast Food and Counter Workers
31-9095	Pharmacy Aides	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	35-3022	Counter Attendants, Cafeteria, Food
		35-3031	Waiters and Waitresses
33-0000	Protective Service Occupations	35-3041	Food Servers, Nonrestaurant
33-1010	First-Line Supervisors/Managers, Law Enforcement Workers	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers
33-1011	First-Line Supervisors/Managers of Correctional Officers	35-9021	Dishwashers
33-1012	First-Line Supervisors/Managers of Police and Detectives	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers		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.
33-2011	Fire Fighters		
33-2020	Fire Inspectors		
33-2021	Fire Inspectors and Investigators	37-0000	Building and Grounds Cleaning and Maintenance Occupations
33-2022	Forest Fire Inspectors and Prevention Specialists	37-1010	First-Line Supervisors/Managers, Building and Grounds Cleaning and Maintenance Workers
33-3010	Bailiffs, Correctional Officers, and Jailers		
33-3011	Bailiffs	37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers
33-3012	Correctional Officers and Jailers		
33-3021	Detectives and Criminal Investigators	37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers
33-3031	Fish and Game Wardens		
33-3041	Parking Enforcement Workers	37-2010	Building Cleaning Workers
33-3050	Police Officers	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners
33-3051	Police and Sheriff's Patrol Officers	37-2012	Maids and Housekeeping Cleaners
33-3052	Transit and Railroad Police	37-2021	Pest Control Workers
33-9011	Animal Control Workers	37-3010	Grounds Maintenance Workers
33-9021	Private Detectives and Investigators	37-3011	Landscaping and Groundskeeping Workers
33-9030	Security Guards and Gaming Surveillance Officers	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation
33-9031	Gaming Surveillance Officers and Gaming Investigators	37-3013	Tree Trimmers and Pruners
33-9032	Security Guards		
33-9090	Miscellaneous Protective Service Workers	39-0000	Personal Care and Service Occupations
33-9091	Crossing Guards	39-1010	First-Line Supervisors/Managers of Gaming Workers
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers		

39-1011	Gaming Supervisors	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers
39-1012	Slot Key Persons		
39-1021	First-Line Supervisors/Managers of Personal Service Workers	41-2000	Retail Sales Workers
		41-2010	Cashiers, All Workers
39-2011	Animal Trainers	41-2011	Cashiers
39-2021	Nonfarm Animal Caretakers	41-2012	Gaming Change Persons and Booth Cashiers
39-3010	Gaming Services Workers	41-2020	Counter and Rental Clerks and Parts Salespersons
39-3011	Gaming Dealers		
39-3012	Gaming and Sports Book Writers and Runners	41-2021	Counter and Rental Clerks
		41-2022	Parts Salespersons
39-3021	Motion Picture Projectionists	41-2031	Retail Salespersons
39-3031	Ushers, Lobby Attendants, and Ticket Takers	41-3011	Advertising Sales Agents
		41-3021	Insurance Sales Agents
39-3090	Miscellaneous Entertainment Attendants and Related Workers	41-3031	Securities, Commodities, and Financial Services Sales Agents
39-3091	Amusement and Recreation Attendants	41-3041	Travel Agents
39-3092	Costume Attendants	41-4010	Sales Representatives, Wholesale and Manufacturing
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
39-4011	Embalmers		
39-4021	Funeral Attendants		
39-5010	Barbers and Cosmetologists	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
39-5011	Barbers		
39-5012	Hairdressers, Hairstylists, and Cosmetologists	41-9010	Models, Demonstrators, and Product Promoters
39-5090	Miscellaneous Personal Appearance Workers	41-9011	Demonstrators and Product Promoters
		41-9012	Models
39-5091	Makeup Artists, Theatrical and Performance	41-9020	Real Estate Brokers and Sales Agents
39-5092	Manicurists and Pedicurists	41-9021	Real Estate Brokers
39-5093	Shampooers	41-9022	Real Estate Sales Agents
39-5094	Skin Care Specialists	41-9031	Sales Engineers
39-6010	Baggage Porters, Bellhops, and Concierges	41-9041	Telemarketers
39-6011	Baggage Porters and Bellhops	41-9090	Miscellaneous Sales and Related Workers
39-6012	Concierges	41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers
39-6020	Tour and Travel Guides		
39-6021	Tour Guides and Escorts		
39-6022	Travel Guides		
39-6030	Transportation Attendants	43-0000	Office and Administrative Support Occupations
39-6031	Flight Attendants		
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers
39-9011	Child Care Workers	43-2011	Switchboard Operators, Including Answering Service
39-9021	Personal and Home Care Aides		
39-9030	Recreation and Fitness Workers	43-2021	Telephone Operators
39-9031	Fitness Trainers and Aerobics Instructors	43-3000	Financial Clerks
39-9032	Recreation Workers	43-3011	Bill and Account Collectors
39-9041	Residential Advisors	43-3021	Billing and Posting Clerks and Machine Operators
41-0000	Sales and Related Occupations	43-3031	Bookkeeping, Accounting, and Auditing Clerks
41-1010	First-Line Supervisors/Managers, Sales Workers	43-3041	Gaming Cage Workers
		43-3051	Payroll and Timekeeping Clerks
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	43-3061	Procurement Clerks

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

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

51-4062	Patternmakers, Metal and Plastic	51-6092	Fabric and Apparel Patternmakers
51-4070	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	51-6093	Upholsterers
51-4071	Foundry Mold and Coremakers	51-7011	Cabinetmakers and Bench Carpenters
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-7021	Furniture Finishers
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-7030	Model Makers and Patternmakers, Wood
51-4111	Tool and Die Makers	51-7031	Model Makers, Wood
51-4120	Welding, Soldering, and Brazing Workers	51-7032	Patternmakers, Wood
51-4121	Welders, Cutters, Solderers, and Brazers	51-7040	Woodworking Machine Setters, Operators, and Tenders
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
51-4190	Miscellaneous Metalworkers and Plastic Workers	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-8010	Power Plant Operators, Distributors, and Dispatchers
51-4192	Lay-Out Workers, Metal and Plastic	51-8011	Nuclear Power Reactor Operators
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51-8012	Power Distributors and Dispatchers
51-4194	Tool Grinders, Filers, and Sharpeners	51-8013	Power Plant Operators
51-5010	Bookbinders and Bindery Workers	51-8021	Stationary Engineers and Boiler Operators
51-5011	Bindery Workers	51-8031	Water and Liquid Waste Treatment Plant and System Operators
51-5012	Bookbinders	51-8090	Miscellaneous Plant and System Operators
51-5020	Printers	51-8091	Chemical Plant and System Operators
51-5021	Job Printers	51-8092	Gas Plant Operators
51-5022	Prepress Technicians and Workers	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers
51-5023	Printing Machine Operators	51-9010	Chemical Processing Machine Setters, Operators, and Tenders
51-6011	Laundry and Dry-Cleaning Workers	51-9011	Chemical Equipment Operators and Tenders
51-6021	Pressers, Textile, Garment, and Related Materials	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-6031	Sewing Machine Operators	51-9020	Crushing, Grinding, Polishing, Mixing, and Blending Workers
51-6040	Shoe and Leather Workers	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-6041	Shoe and Leather Workers and Repairers	51-9022	Grinding and Polishing Workers, Hand
51-6042	Shoe Machine Operators and Tenders	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-6050	Tailors, Dressmakers, and Sewers	51-9030	Cutting Workers
51-6051	Sewers, Hand	51-9031	Cutters and Trimmers, Hand
51-6052	Tailors, Dressmakers, and Custom Sewers	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-6060	Textile Machine Setters, Operators, and Tenders	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-9071	Jewelers and Precious Stone and Metal Workers
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-9080	Medical, Dental, and Ophthalmic Laboratory Technicians
51-6090	Miscellaneous Textile, Apparel, and Furnishings Workers		
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers		

51-9081	Dental Laboratory Technicians	53-3030	Driver/Sales Workers and Truck Drivers
51-9082	Medical Appliance Technicians	53-3031	Driver/Sales Workers
51-9083	Ophthalmic Laboratory Technicians	53-3032	Truck Drivers, Heavy and Tractor-Trailer
51-9111	Packaging and Filling Machine Operators and Tenders	53-3033	Truck Drivers, Light or Delivery Services
51-9120	Painting Workers	53-3041	Taxi Drivers and Chauffeurs
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	53-4010	Locomotive Engineers and Operators
51-9122	Painters, Transportation Equipment	53-4011	Locomotive Engineers
51-9123	Painting, Coating, and Decorating Workers	53-4012	Locomotive Firers
51-9130	Photographic Process Workers and Processing Machine Operators	53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers
51-9131	Photographic Process Workers	53-4021	Railroad Brake, Signal, and Switch Operators
51-9132	Photographic Processing Machine Operators	53-4031	Railroad Conductors and Yardmasters
51-9141	Semiconductor Processors	53-4041	Subway and Streetcar Operators
51-9190	Miscellaneous Production Workers	53-5011	Sailors and Marine Oilers
51-9191	Cementing and Gluing Machine Operators and Tenders	53-5020	Ship and Boat Captains and Operators
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	53-5021	Captains, Mates, and Pilots of Water Vessels
51-9193	Cooling and Freezing Equipment Operators and Tenders	53-5022	Motorboat Operators
51-9194	Etchers and Engravers	53-5031	Ship Engineers
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	53-6011	Bridge and Lock Tenders
51-9196	Paper Goods Machine Setters, Operators, and Tenders	53-6021	Parking Lot Attendants
51-9197	Tire Builders	53-6031	Service Station Attendants
51-9198	Helpers--Production Workers	53-6041	Traffic Technicians
53-0000	Transportation and Material Moving Occupations	53-6051	Transportation Inspectors
53-1011	Aircraft Cargo Handling Supervisors	53-7011	Conveyor Operators and Tenders
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	53-7021	Crane and Tower Operators
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	53-7030	Dredge, Excavating, and Loading Machine Operators
53-2010	Aircraft Pilots and Flight Engineers	53-7031	Dredge Operators
53-2011	Airline Pilots, Copilots, and Flight Engineers	53-7032	Excavating and Loading Machine and Dragline Operators
53-2012	Commercial Pilots	53-7033	Loading Machine Operators, Underground Mining
53-2020	Air Traffic Controllers and Airfield Operations Specialists	53-7041	Hoist and Winch Operators
53-2021	Air Traffic Controllers	53-7051	Industrial Truck and Tractor Operators
53-2022	Airfield Operations Specialists	53-7060	Laborers and Material Movers, Hand
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-7061	Cleaners of Vehicles and Equipment
53-3020	Bus Drivers	53-7062	Laborers and Freight, Stock, and Material Movers, Hand
53-3021	Bus Drivers, Transit and Intercity	53-7063	Machine Feeders and Offbearers
53-3022	Bus Drivers, School	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