

National Compensation Survey: Occupational Wages in the New England Census Division, 1999



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Preface

The National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, and detailed benefit provisions. It integrates three Bureau of Labor Statistics (BLS) programs—the Occupational Compensation Survey (OCS), the Employment Cost Index (ECI), and the Employee Benefits Survey (EBS). OCS provides data on occupational earnings; the ECI measures changes in labor costs, as well as average hourly employer costs for employee compensation; and the EBS provides information on detailed benefit provisions. When fully integrated, the NCS will provide data on benefit costs and provisions, as well as wages. This bulletin, a product of the first phase of the NCS, focuses on occupational earnings.

The NCS replaced the Occupational Compensation Survey (OCS) with the release of the 1997 data. The major difference between these two surveys is that the OCS used the same preselected list of occupations for all localities. The NCS uses a probability-based sample of establishments and occupations that is intended to more fully represent the employment patterns and occupational mix of each locality.

This bulletin presents aggregate pay data from the metropolitan and nonmetropolitan local area surveys conducted in the New England census division. (See the technical note.) It provides estimates of occupational pay for the census division, as well as selected data on worker and establishment characteristics.

NCS bulletins are published for each of the nine census divisions: New England, Middle Atlantic, East North Cen-

tral, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific. (See the technical note.) Data also are published for some individual localities, as well as for the entire United States. The census division publications may be useful to NCS data users in localities for which separate data were not published.

For additional information regarding the National Compensation Survey, contact the information staff in the BLS National Office at (202) 691-6199. You can also write to the Bureau of Labor Statistics, Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or send e-mail to OCLTINFO@bls.gov.

The Bureau's Office of Compensation and Working Conditions developed and produced this bulletin. The Directorate of Survey Processing coordinated the data file formation and tabulations. Field economists from the Bureau's regional offices, under the direction of the Assistant Regional Commissioners for Operations, collected the survey data. The Bureau thanks all survey respondents for their cooperation, without which this bulletin would not have been possible.

The data presented in this bulletin also are displayed in a Portable Document Format (PDF) on the BLS Internet site (<http://stats.bls.gov/comhome.htm>). Material in the bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: 1-800-326-2577.

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TABLE 1. Summary, New England: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² 1999

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$17.18	4.2	34.6	\$16.54	5.2	34.5	\$21.82	2.2	35.4
Worker characteristics:³									
White-collar occupations ⁴	20.65	5.7	34.9	19.99	7.1	34.9	24.78	2.4	34.4
Professional specialty and technical ... Executive, administrative, and managerial	24.78	2.1	34.9	23.32	2.5	35.2	29.99	3.2	34.1
Sales	31.35	5.9	40.7	31.61	6.2	41.3	28.97	4.9	36.3
Administrative support	11.20	7.1	28.6	11.16	7.1	28.6	16.82	5.7	35.8
Blue-collar occupations ⁴	13.55	2.7	35.8	13.52	3.3	36.1	13.74	3.3	34.0
Precision production, craft, and repair Machine operators, assemblers, and inspectors	13.59	3.0	37.7	13.45	3.2	37.6	16.91	2.5	39.4
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	16.23	4.1	38.9	16.11	4.2	38.8	18.09	3.6	39.9
Service occupations ⁴	11.30	2.9	38.7	11.22	2.9	38.7	16.67	8.2	39.0
Full time	13.53	13.6	37.0	13.38	14.3	36.9	17.45	3.7	38.3
Part time	11.37	3.6	34.3	11.23	3.9	34.0	13.74	3.4	39.4
Union	9.99	2.9	29.0	8.45	2.5	27.5	15.82	2.5	36.7
Nonunion	18.39	4.1	39.4	17.79	5.1	39.8	22.29	2.1	37.4
Time	10.48	9.0	20.6	10.32	9.5	20.7	14.00	7.7	18.6
Incentive	19.60	1.5	35.3	16.47	3.3	34.1	22.05	2.1	36.2
	16.64	5.5	34.4	16.55	5.7	34.5	20.53	8.9	31.3
	17.23	4.2	34.6	16.57	5.2	34.5	21.82	2.2	35.4
	15.94	13.4	34.5	15.94	13.4	34.5	-	-	-
Establishment characteristics:									
Goods producing	(⁵)	(⁵)	(⁵)	19.14	10.3	40.2	(⁵)	(⁵)	(⁵)
Service producing	(⁵)	(⁵)	(⁵)	15.40	3.2	32.5	(⁵)	(⁵)	(⁵)
1 to 99 workers ⁶	13.33	5.8	32.8	13.29	5.9	32.8	16.51	3.6	33.0
100 to 499 workers	18.94	8.9	35.6	18.72	10.4	35.8	20.44	2.8	34.5
500 to 999 workers	19.99	3.5	36.4	19.33	4.2	36.8	22.19	3.3	35.1
1000 to 2499 workers	22.22	2.9	36.7	21.76	3.2	37.2	23.96	7.4	34.9
2500 workers or more	22.41	2.2	37.1	22.09	2.9	37.1	22.88	3.5	37.0
Geographic areas:⁷									
Metropolitan	17.35	4.4	34.6	16.72	5.3	34.5	22.33	2.3	35.4
Nonmetropolitan	15.21	6.9	34.8	14.34	9.7	34.6	18.68	4.1	35.3
New England	17.18	4.2	34.6	16.54	5.2	34.5	21.82	2.2	35.4
Middle Atlantic	17.84	3.7	34.8	17.05	4.5	34.7	22.45	1.6	35.5
East North Central	15.55	1.8	35.6	14.82	2.0	35.5	20.32	2.1	36.0
West North Central	14.37	2.8	35.3	13.84	3.2	35.1	18.11	2.2	36.9
South Atlantic	14.49	2.9	36.3	14.04	3.5	36.0	16.84	1.5	38.0
East South Central	12.13	5.0	37.6	11.76	5.5	37.6	16.23	2.7	37.0
West South Central	14.38	3.5	36.8	13.98	4.0	36.6	16.38	2.0	38.0
Mountain	14.10	2.9	35.7	13.26	3.2	35.5	19.00	3.5	36.9
Pacific	16.87	1.7	35.3	16.01	2.0	35.3	22.13	1.2	35.6

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

² In this census division, collection was conducted between May 1999 and April 2000. The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

³ 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.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁵ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁶ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

⁷ Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Technical Note for a list of survey areas in each census division and the States comprising the nine census divisions.

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

TABLE 2. Summary, New England: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ 1999

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$17.18	4.2	34.6	\$17.35	4.4	34.6	\$15.21	6.9	34.8
Private Industry	16.54	5.2	34.5	16.72	5.3	34.5	14.34	9.7	34.6
State and local government	21.82	2.2	35.4	22.33	2.3	35.4	18.68	4.1	35.3
Worker characteristics:⁴									
White-collar occupations ⁵	20.65	5.7	34.9	20.72	6.2	34.8	19.82	2.7	36.0
Professional specialty and technical ...	24.78	2.1	34.9	25.03	2.3	35.0	22.74	.4	34.7
Executive, administrative, and managerial	31.35	5.9	40.7	31.71	6.3	40.7	26.23	5.8	41.5
Sales	11.20	7.1	28.6	11.14	7.3	28.6	14.24	9.7	33.4
Administrative support	13.55	2.7	35.8	13.71	2.8	35.8	11.68	8.5	35.8
Blue-collar occupations ⁵	13.59	3.0	37.7	13.92	3.0	37.6	10.22	13.2	38.7
Precision production, craft, and repair Machine operators, assemblers, and inspectors	16.23	4.1	38.9	16.26	4.4	38.8	15.35	5.7	40.4
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	11.30	2.9	38.7	11.79	3.1	38.7	9.31	12.5	38.9
Service occupations ⁵	13.53	13.6	37.0	13.53	13.7	37.0	-	-	-
Full time	11.37	3.6	34.3	11.77	3.8	33.9	8.38	8.9	37.4
Part time	9.99	2.9	29.0	10.10	3.3	29.3	8.87	1.3	26.5
Union	18.39	4.1	39.4	18.62	4.1	39.4	15.92	8.9	39.6
Nonunion	10.48	9.0	20.6	10.41	9.7	20.6	11.25	11.0	20.6
Time	19.60	1.5	35.3	19.65	1.6	35.1	19.06	5.7	36.5
Incentive	16.64	5.5	34.4	16.84	5.7	34.4	14.35	9.2	34.4
Time	17.23	4.2	34.6	17.41	4.4	34.6	15.23	7.0	34.8
Incentive	15.94	13.4	34.5	15.99	13.5	34.6	-	-	-
Establishment characteristics:									
Goods producing ⁶	19.14	10.3	40.2	19.76	10.8	40.3	13.69	30.9	39.5
Service producing ⁶	15.40	3.2	32.5	15.44	3.4	32.5	14.79	11.4	31.9
1 to 99 workers ⁷	13.33	5.8	32.8	13.58	5.9	32.7	9.95	6.4	33.8
100 to 499 workers	18.94	8.9	35.6	19.29	9.6	35.8	15.71	7.4	33.6
500 to 999 workers	19.99	3.5	36.4	19.39	3.8	35.9	22.57	.5	38.3
1000 to 2499 workers	22.22	2.9	36.7	22.22	2.9	36.7	-	-	-
2500 workers or more	22.41	2.2	37.1	22.63	2.1	37.0	-	-	-
Geographic areas:⁸									
New England	17.18	4.2	34.6	17.35	4.4	34.6	15.21	6.9	34.8
Middle Atlantic	17.84	3.7	34.8	17.93	3.8	34.8	14.93	3.6	35.6
East North Central	15.55	1.8	35.6	15.75	1.9	35.4	13.83	3.7	36.7
West North Central	14.37	2.8	35.3	14.73	3.0	35.1	12.70	5.8	36.5
South Atlantic	14.49	2.9	36.3	14.71	3.0	36.2	12.60	6.3	37.4
East South Central	12.13	5.0	37.6	12.87	1.5	37.4	9.72	9.6	38.1
West South Central	14.38	3.5	36.8	14.42	3.7	36.8	13.90	5.1	37.3
Mountain	14.10	2.9	35.7	13.94	3.2	35.6	15.78	2.4	36.2
Pacific	16.87	1.7	35.3	16.92	1.8	35.3	15.45	4.7	36.8

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

² Metropolitan areas can be a Metropolitan Statistical Area or Consolidated Metropolitan Statistical Area as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see Technical Note.

³ In this census division, collection was conducted between May 1999 and April 2000. The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

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

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

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

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⁷ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

⁸ See Technical Note for a list of survey areas in each census division and the States comprising the nine census divisions.

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

TABLE 3. Selected occupations, New England: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.18	4.2	34.6	\$18.39	4.1	39.4	\$10.48	9.0	20.6
All, excluding sales	17.85	4.1	35.4	18.73	4.1	39.4	11.77	9.8	20.9
White collar	20.65	5.7	34.9	22.07	5.2	39.4	11.93	8.6	20.4
White collar, excluding sales	22.65	4.3	36.6	23.18	4.4	39.3	16.95	5.7	20.8
Professional specialty and technical	24.78	2.1	34.9	25.23	2.2	38.6	21.27	5.2	20.1
Professional specialty	26.30	2.7	34.7	26.83	2.9	38.4	22.27	5.3	19.9
Engineers, architects, and surveyors	26.87	7.2	41.8	26.87	7.2	41.8	-	-	-
Aerospace engineers	34.64	7.5	40.0	34.64	7.5	40.0	-	-	-
Chemical engineers	27.42	9.7	40.0	27.42	9.7	40.0	-	-	-
Civil engineers	27.85	5.4	38.9	27.85	5.4	38.9	-	-	-
Electrical and electronic engineers	33.61	4.3	40.2	33.61	4.3	40.2	-	-	-
Industrial engineers	27.91	5.0	40.4	27.91	5.0	40.4	-	-	-
Engineers, n.e.c.	31.14	3.5	39.6	31.14	3.5	39.6	-	-	-
Mathematical and computer scientists	28.97	3.9	39.7	28.96	3.9	39.8	-	-	-
Computer systems analysts and scientists	29.68	4.8	39.8	29.68	4.8	39.9	-	-	-
Operations and systems researchers and analysts	24.36	8.9	39.4	24.36	8.9	39.4	-	-	-
Natural scientists	29.19	9.6	37.3	29.13	9.7	38.7	-	-	-
Chemists, except biochemists	23.92	15.5	38.3	23.92	15.5	38.3	-	-	-
Medical scientists	27.89	18.5	35.3	27.60	19.7	39.5	-	-	-
Health related	22.38	4.5	30.4	22.31	6.1	38.8	22.52	6.8	20.9
Physicians	34.97	8.9	40.1	32.45	11.3	44.9	-	-	-
Registered nurses	22.71	2.3	27.8	22.97	1.5	38.5	22.39	5.6	20.5
Pharmacists	11.18	18.2	31.6	-	-	-	-	-	-
Respiratory therapists	20.03	2.9	34.3	20.05	3.5	39.1	-	-	-
Occupational therapists	24.58	8.2	34.8	24.13	8.7	37.8	-	-	-
Physical therapists	-	-	-	-	-	-	29.25	9.5	20.1
Speech therapists	31.23	8.2	34.9	31.28	8.1	36.0	-	-	-
Therapists, n.e.c.	21.88	13.3	33.5	-	-	-	-	-	-
Teachers, college and university	39.44	3.7	34.2	40.11	3.8	37.6	30.78	12.3	15.8
Engineering teachers	47.98	10.3	31.6	-	-	-	-	-	-
Mathematical science teachers	36.14	24.8	32.2	-	-	-	-	-	-
Medical science teachers	41.08	7.1	32.1	42.67	4.6	38.1	-	-	-
Health specialties teachers	30.07	6.4	31.2	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	52.85	18.4	36.0	53.17	18.7	36.9	-	-	-
Art, drama, and music teachers	31.13	9.2	36.6	31.90	9.6	37.7	-	-	-
Education teachers	46.84	12.8	36.6	46.84	12.8	36.6	-	-	-
English teachers	39.04	16.9	36.6	39.42	17.1	37.1	-	-	-
Foreign language teachers	28.61	13.1	34.2	-	-	-	-	-	-
Trade and industrial teachers	30.43	8.1	37.6	-	-	-	-	-	-
Other post-secondary teachers	38.95	7.8	33.0	39.31	7.7	37.6	-	-	-
Teachers, except college and university	28.91	5.8	33.1	29.28	6.4	35.0	19.99	16.9	14.3
Elementary school teachers	32.54	2.5	34.4	32.53	2.5	34.5	-	-	-
Secondary school teachers	31.24	5.7	35.1	31.30	5.7	35.2	22.21	2.0	24.1
Teachers, special education	29.50	7.2	34.7	29.39	7.3	34.9	-	-	-
Teachers, n.e.c.	32.08	18.8	25.2	34.13	18.0	33.4	21.09	25.6	10.9
Substitute teachers	8.58	3.6	12.3	-	-	-	8.58	3.6	12.3
Vocational and educational counselors	30.03	7.5	32.5	29.90	13.2	35.3	-	-	-
Librarians, archivists, and curators	22.53	9.6	35.3	22.60	10.0	37.2	-	-	-
Librarians	22.45	10.1	36.3	22.41	10.7	37.4	-	-	-
Social scientists and urban planners	23.73	11.7	31.7	25.07	9.9	37.3	-	-	-
Psychologists	21.22	18.7	27.1	-	-	-	-	-	-
Social, recreation, and religious workers	17.53	4.4	34.8	17.63	4.5	37.6	16.51	9.2	19.4
Social workers	17.72	4.6	35.2	17.80	4.6	37.7	16.92	10.1	20.0
Recreation workers	14.35	9.5	29.1	-	-	-	-	-	-
Lawyers and judges	36.90	6.3	39.0	36.86	6.3	39.1	-	-	-
Lawyers	36.38	6.5	39.1	36.37	6.6	39.1	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.33	7.8	37.0	21.61	8.2	38.5	15.22	16.8	19.4
Technical writers	28.78	8.6	32.7	29.71	9.4	40.0	-	-	-
Designers	23.40	7.8	39.3	23.58	8.0	39.9	-	-	-
Editors and reporters	18.55	5.7	39.2	18.55	5.7	39.2	-	-	-
Public relations specialists	24.84	10.8	38.0	24.86	10.8	38.2	-	-	-

See footnotes at end of table.

TABLE 3. Selected occupations, New England: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Athletes	\$19.01	19.9	24.8	—	—	—	—	—	—
Professional, n.e.c.	25.24	13.6	36.5	\$28.78	7.7	38.8	—	—	—
Technical	17.87	2.8	36.2	18.08	3.4	39.5	\$16.10	4.2	20.9
Clinical laboratory technologists and technicians	16.20	5.4	35.5	16.39	6.1	39.4	15.02	4.9	22.0
Radiological technicians	20.68	3.7	29.5	21.47	4.3	39.1	19.50	5.9	21.6
Licensed practical nurses	16.05	2.0	30.2	16.38	2.6	38.9	15.37	3.9	20.7
Health technologists and technicians, n.e.c.	14.60	4.1	34.7	14.74	4.6	39.2	13.73	9.0	20.4
Electrical and electronic technicians	18.44	3.5	39.7	18.44	3.5	39.7	—	—	—
Mechanical engineering technicians	22.05	4.8	40.0	22.05	4.8	40.0	—	—	—
Engineering technicians, n.e.c.	20.85	3.6	38.2	20.91	3.7	39.7	—	—	—
Drafters	17.04	4.2	40.0	17.04	4.2	40.0	—	—	—
Chemical technicians	15.44	6.5	40.0	15.44	6.5	40.0	—	—	—
Science technicians, n.e.c.	17.51	13.1	38.0	17.38	13.7	38.9	—	—	—
Computer programmers	23.70	6.7	39.1	23.77	6.6	39.5	—	—	—
Legal assistants	19.61	9.9	39.5	19.61	9.9	39.5	—	—	—
Technical and related, n.e.c.	17.82	8.2	37.5	17.86	8.7	39.7	—	—	—
Executive, administrative, and managerial	31.35	5.9	40.7	31.44	5.8	41.1	17.52	12.5	17.3
Executives, administrators, and managers	35.61	4.3	41.2	35.69	4.3	41.7	18.87	19.4	12.3
Legislators	25.83	4.8	19.1	—	—	—	26.27	7.7	6.4
Administrators and officials, public administration	29.46	10.2	36.6	29.43	10.2	38.2	—	—	—
Financial managers	32.71	8.2	40.3	32.85	8.3	40.6	—	—	—
Personnel and labor relations managers	26.20	22.6	46.8	26.20	22.6	46.8	—	—	—
Managers, marketing, advertising, and public relations	44.00	8.1	41.0	44.00	8.1	41.0	—	—	—
Administrators, education and related fields	33.72	7.1	37.3	34.15	7.2	38.8	—	—	—
Managers, food servicing and lodging establishments	20.64	9.4	45.6	20.64	9.4	45.6	—	—	—
Managers, service organizations, n.e.c.	23.88	14.4	39.5	23.88	14.4	39.5	—	—	—
Managers and administrators, n.e.c.	43.25	9.8	42.2	43.25	9.8	42.2	—	—	—
Management related	21.40	2.7	39.6	21.46	2.6	39.8	16.28	14.5	27.7
Accountants and auditors	19.91	5.0	39.3	19.92	5.0	39.4	—	—	—
Underwriters	24.97	7.6	38.8	24.97	7.6	38.8	—	—	—
Other financial officers	20.92	8.4	40.2	20.92	8.4	40.2	—	—	—
Management analysts	24.37	6.9	39.4	24.37	6.9	39.4	—	—	—
Personnel, training, and labor relations specialists	21.67	3.4	40.5	21.67	3.4	40.5	—	—	—
Buyers, wholesale and retail trade, except farm products	28.24	8.8	41.5	28.24	8.8	41.5	—	—	—
Purchasing agents and buyers, n.e.c.	20.72	8.1	39.3	20.72	8.1	39.3	—	—	—
Construction inspectors	20.72	20.2	32.1	—	—	—	—	—	—
Inspectors and compliance officers, except construction	22.95	6.1	39.3	23.40	6.3	40.3	—	—	—
Management related, n.e.c.	21.28	5.8	39.2	21.30	5.9	39.3	—	—	—
Sales	11.20	7.1	28.6	14.08	9.1	40.5	6.92	3.7	20.0
Supervisors, sales	21.00	9.0	42.0	21.00	9.0	42.0	—	—	—
Securities and financial services sales	29.53	16.2	40.8	29.53	16.2	40.8	—	—	—
Advertising and related sales	21.87	13.1	40.0	22.28	12.9	40.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	22.23	19.3	41.0	22.23	19.3	41.0	—	—	—
Sales workers, motor vehicles and boats	23.88	15.1	42.8	23.88	15.1	42.8	—	—	—
Sales workers, apparel	7.37	2.1	25.7	—	—	—	—	—	—
Sales workers, other commodities	8.87	7.7	24.3	12.49	10.2	39.0	7.14	5.4	20.6
Sales counter clerks	10.15	13.2	29.6	11.44	15.4	41.5	7.69	4.2	19.1
Cashiers	6.96	2.4	25.0	—	—	—	6.58	2.9	19.2

See footnotes at end of table.

TABLE 3. Selected occupations, New England: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales support, n.e.c.	\$21.58	16.8	39.1	\$21.82	16.7	39.9	—	—	—
Administrative support, including clerical	13.55	2.7	35.8	13.80	2.8	38.7	\$11.52	3.9	22.1
Supervisors, general office	16.99	5.2	41.2	16.97	5.2	41.7	—	—	—
Supervisors, financial records processing	20.72	6.4	39.3	20.72	6.4	39.3	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	22.15	2.5	39.4	22.15	2.5	39.4	—	—	—
Computer operators	15.52	8.0	38.4	15.52	8.2	39.1	—	—	—
Secretaries	15.29	2.6	34.7	15.68	2.5	38.2	—	—	—
Typists	13.56	2.7	34.0	13.90	1.1	36.8	—	—	—
Interviewers	10.31	7.2	33.1	10.52	7.6	38.8	—	—	—
Transportation ticket and reservation agents	14.49	3.4	36.7	14.68	5.1	40.0	13.76	4.0	27.8
Receptionists	10.52	4.7	35.6	10.71	5.3	39.5	9.08	4.4	20.5
Information clerks, n.e.c.	13.16	12.8	37.8	13.37	13.5	37.9	—	—	—
Correspondence clerks	10.76	5.9	39.9	10.76	5.9	39.9	—	—	—
Order clerks	11.44	8.1	37.6	11.58	8.9	39.2	9.78	13.3	25.5
Personnel clerks, except payroll and timekeeping	15.01	9.1	37.9	15.09	9.3	38.8	—	—	—
Library clerks	12.96	7.0	31.0	13.22	8.2	35.8	11.69	4.2	19.0
Records clerks, n.e.c.	12.10	4.4	37.9	12.16	4.6	39.0	10.92	4.2	25.5
Bookkeepers, accounting and auditing clerks	12.56	3.6	34.6	12.78	4.1	39.3	9.89	9.0	14.4
Payroll and timekeeping clerks	13.24	6.0	36.2	14.19	3.7	38.5	—	—	—
Billing clerks	11.61	4.8	36.9	11.68	4.7	39.0	—	—	—
Telephone operators	9.66	4.7	27.6	10.41	4.6	39.0	8.08	3.3	17.1
Mail clerks, except postal service	9.16	4.0	38.6	9.18	4.2	39.2	—	—	—
Dispatchers	13.82	1.9	36.6	13.88	1.8	40.0	—	—	—
Production coordinators	17.07	7.1	39.7	17.07	7.1	39.7	—	—	—
Traffic, shipping and receiving clerks	13.36	9.6	38.4	13.90	7.3	39.4	—	—	—
Stock and inventory clerks	12.49	6.9	37.2	12.53	7.0	37.3	—	—	—
Insurance adjusters, examiners, and investigators	16.44	5.0	37.5	16.18	4.8	38.3	—	—	—
Investigators and adjusters, except insurance	14.17	4.4	37.5	14.15	4.2	39.2	14.57	18.1	21.7
Bill and account collectors	14.60	5.5	39.6	14.60	5.5	39.6	—	—	—
General office clerks	12.56	3.1	32.5	13.20	2.7	38.2	10.08	6.1	20.6
Bank tellers	11.25	11.2	34.9	11.74	12.2	39.0	—	—	—
Data entry keyers	11.49	7.3	35.8	11.20	10.4	38.8	—	—	—
Statistical clerks	13.09	19.6	35.8	13.56	21.7	39.4	—	—	—
Teachers' aides	10.25	4.5	33.2	10.20	4.5	34.6	10.90	20.9	22.7
Administrative support, n.e.c.	12.92	5.0	37.8	13.09	5.5	39.3	10.07	9.1	23.1
Blue collar	13.59	3.0	37.7	13.62	3.0	39.7	13.15	24.4	22.7
Precision production, craft, and repair	16.23	4.1	38.9	16.22	4.1	38.9	18.93	9.8	20.6
Supervisors, mechanics and repairers	15.61	7.1	40.8	15.61	7.1	40.8	—	—	—
Automobile mechanics	17.80	5.7	39.5	17.80	5.7	39.5	—	—	—
Bus, truck, and stationary engine mechanics	16.18	7.3	40.2	16.18	7.3	40.2	—	—	—
Industrial machinery repairers	16.06	3.4	39.9	16.06	3.4	39.9	—	—	—
Electronic repairers, communications and industrial equipment	20.65	7.6	36.4	20.51	8.9	37.6	—	—	—
Supervisors, construction trades, n.e.c.	18.40	6.6	41.4	18.40	6.6	41.4	—	—	—
Carpenters	16.56	4.0	39.9	16.56	4.0	39.9	—	—	—
Electricians	22.76	11.4	40.0	22.76	11.4	40.0	—	—	—
Electrical power installers and repairers	25.29	1.4	40.0	25.29	1.4	40.0	—	—	—
Painters, construction and maintenance	15.59	4.5	40.0	15.59	4.5	40.0	—	—	—
Plumbers, pipefitters and steamfitters	17.81	3.9	40.0	17.81	3.9	40.0	—	—	—
Construction trades, n.e.c.	13.14	7.3	39.9	13.14	7.3	39.9	—	—	—
Supervisors, production	18.49	2.5	41.5	18.49	2.5	41.5	—	—	—
Machinists	18.49	3.4	39.8	18.49	3.4	39.8	—	—	—
Butchers and meat cutters	12.30	16.0	37.9	12.16	16.3	40.0	—	—	—
Inspectors, testers, and graders	15.19	7.2	39.9	15.20	7.2	40.0	—	—	—
Water and sewer treatment plant operators	18.04	3.6	40.0	18.04	3.6	40.0	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, New England: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors	\$11.30	2.9	38.7	\$11.41	2.8	39.9	\$6.91	6.6	17.6
Lathe and turning machine operators	16.72	3.8	40.0	16.72	3.8	40.0	—	—	—
Punching and stamping press operators	11.08	5.9	39.4	11.06	6.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	8.64	9.9	40.0	8.64	9.9	40.0	—	—	—
Numerical control machine operators	13.99	4.9	40.0	13.99	4.9	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.46	3.7	40.0	13.46	3.7	40.0	—	—	—
Molding and casting machine operators	11.72	7.9	39.9	11.72	7.9	39.9	—	—	—
Metal plating machine operators	12.49	7.2	41.4	12.49	7.2	41.4	—	—	—
Heat treating equipment operators	14.06	8.8	40.0	14.06	8.8	40.0	—	—	—
Printing press operators	14.77	5.2	38.4	15.05	4.9	39.9	—	—	—
Photoengravers and lithographers	14.76	12.4	39.7	14.76	12.4	39.7	—	—	—
Winding and twisting machine operators	10.52	.8	39.8	10.52	.8	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	10.62	2.5	39.6	10.62	2.5	39.6	—	—	—
Laundering and dry cleaning machine operators	8.14	7.8	32.3	8.47	10.9	39.8	—	—	—
Packaging and filling machine operators	10.63	7.4	39.9	10.63	7.4	39.9	—	—	—
Extruding and forming machine operators	10.65	10.0	39.1	10.65	10.0	39.1	—	—	—
Mixing and blending machine operators	12.20	13.2	40.0	12.20	13.2	40.0	—	—	—
Separating, filtering, and clarifying machine operators	16.89	2.8	40.0	16.89	2.8	40.0	—	—	—
Compressing and compacting machine operators	11.29	10.3	33.9	—	—	—	—	—	—
Painting and paint spraying machine operators	11.51	3.5	40.0	11.51	3.5	40.0	—	—	—
Slicing and cutting machine operators	9.64	8.6	40.0	9.64	8.6	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	10.61	5.1	38.7	10.80	4.2	39.9	—	—	—
Welders and cutters	16.01	5.1	40.0	16.01	5.1	40.0	—	—	—
Assemblers	10.65	9.3	34.7	10.92	9.3	40.0	—	—	—
Miscellaneous hand working, n.e.c.	8.50	6.6	40.4	8.50	6.6	40.4	—	—	—
Production inspectors, checkers and examiners	12.17	5.4	39.9	12.17	5.4	39.9	—	—	—
Production testers	12.07	2.9	40.0	12.07	2.9	40.0	—	—	—
Transportation and material moving	13.53	13.6	37.0	12.48	14.0	41.3	17.74	18.7	26.1
Truck drivers	12.97	19.2	36.7	11.17	17.7	41.5	—	—	—
Bus drivers	15.08	5.0	32.0	—	—	—	—	—	—
Supervisors, material moving equipment	15.98	5.9	44.3	15.98	5.9	44.3	—	—	—
Excavating and loading machine operators	18.57	18.0	40.0	18.57	18.0	40.0	—	—	—
Industrial truck and tractor equipment operators	13.77	4.5	39.4	13.83	4.3	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.23	8.6	40.0	14.23	8.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.37	3.6	34.3	12.01	4.3	39.6	8.07	4.0	20.4
Groundskeepers and gardeners, except farm ...	10.93	9.9	32.4	12.59	3.1	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.20	1.2	39.5	—	—	—	—	—	—
Construction laborers	16.11	11.1	38.9	16.51	11.2	40.0	—	—	—
Production helpers	9.02	22.0	39.6	9.02	22.0	39.6	—	—	—
Stock handlers and baggers	9.07	3.2	28.4	10.57	3.7	39.5	6.74	2.1	19.8
Machine feeders and offbearers	8.36	12.6	36.0	8.46	14.0	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	12.20	5.4	32.8	12.46	6.5	39.9	—	—	—
Hand packers and packagers	8.42	3.3	31.6	9.06	4.2	40.0	6.61	4.6	19.8
Laborers, except construction, n.e.c.	11.82	4.4	36.8	12.19	4.3	39.4	8.16	3.9	22.3
Service	9.99	2.9	29.0	11.62	2.1	38.7	7.21	2.6	20.3
Protective service	15.43	4.6	35.9	16.64	4.6	40.2	8.58	4.2	22.3
Supervisors, firefighters and fire prevention	22.15	3.3	41.9	22.15	3.3	41.9	—	—	—
Supervisors, police and detectives	25.26	11.3	39.6	25.26	11.3	39.6	—	—	—
Supervisors, guards	16.30	3.1	38.3	16.30	3.1	38.3	—	—	—
Firefighting	18.61	2.8	42.6	18.63	2.8	42.9	—	—	—
Police and detectives, public service	18.92	2.1	38.5	19.15	1.9	39.7	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, New England: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Sheriffs, bailiffs, and other law enforcement officers	\$17.11	8.8	39.2	\$17.25	9.2	39.3	—	—	—
Crossing guards	10.24	7.3	15.3	—	—	—	\$10.24	7.3	15.3
Guards and police, except public service	9.37	3.6	33.5	9.88	5.2	39.8	8.30	2.8	25.0
Protective service, n.e.c.	8.02	13.6	18.7	—	—	—	8.02	13.6	18.7
Food service									
Waiters, waitresses, and bartenders	7.41	3.7	25.6	8.91	6.3	37.8	6.10	4.6	20.0
Bartenders	4.42	6.5	24.8	5.29	7.4	37.1	3.60	7.6	18.9
Waiters and waitresses	5.83	8.1	33.5	5.58	7.2	36.8	7.94	15.4	19.2
Waiters/Waitresses' assistants	3.66	10.2	23.5	4.96	16.4	37.7	3.02	7.0	19.9
Other food service	5.21	7.9	16.3	—	—	—	5.26	9.6	14.2
Supervisors, food preparation and service	8.65	5.9	25.9	10.50	3.5	38.1	7.10	3.8	20.4
Cooks	14.42	5.5	39.6	14.90	5.1	44.6	—	—	—
Kitchen workers, food preparation	9.14	6.0	30.8	10.44	4.8	37.0	7.45	4.7	25.4
Food preparation, n.e.c.	7.68	4.7	27.2	8.19	9.4	39.3	7.06	2.5	19.7
Health service	7.42	2.7	21.8	8.94	2.3	36.5	6.64	2.4	18.1
Health aides, except nursing	10.31	3.0	30.1	10.59	1.6	38.9	9.64	5.5	19.6
Nursing aides, orderlies and attendants	9.55	4.9	23.6	10.65	3.6	39.3	8.48	2.9	17.0
Cleaning and building service	10.45	2.2	32.3	10.53	1.7	38.8	10.21	4.7	21.3
Supervisors, cleaning and building service workers	10.07	4.0	33.1	11.06	3.9	38.6	7.38	5.1	24.0
Maids and housemen	17.84	10.2	39.4	18.77	9.8	40.0	—	—	—
Janitors and cleaners	7.40	5.3	31.7	7.87	4.4	35.2	—	—	—
Personal service	10.58	2.9	33.3	11.35	2.9	39.4	7.76	3.1	21.2
Supervisors, personal service	8.80	3.9	25.1	9.69	13.7	37.0	7.84	4.2	18.6
Public transportation attendants	13.50	7.4	37.4	13.46	7.7	40.0	—	—	—
Welfare service aides	24.51	32.5	19.6	—	—	—	—	—	—
Child care workers, n.e.c.	10.91	5.5	21.8	12.12	4.2	39.4	9.56	10.0	14.5
Service, n.e.c.	8.97	13.8	28.7	10.83	9.4	38.0	6.66	8.9	22.0
	—	—	—	11.58	8.9	38.2	—	—	—

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

² Total includes full-time and part-time workers. 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 In this census division, collection was conducted between May 1999 and April 2000.

The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

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 Technical Note.

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

TABLE 4. Selected occupations, New England, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1999

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.54	5.2	34.5	\$17.79	5.1	39.8	\$10.32	9.5	20.7
All, excluding sales	17.24	5.1	35.4	18.13	5.1	39.7	11.63	10.6	21.1
White collar	19.99	7.1	34.9	21.50	6.5	40.1	11.67	9.0	20.5
White collar, excluding sales	22.22	5.5	37.0	22.73	5.7	40.0	17.03	6.5	21.1
Professional specialty and technical	23.32	2.5	35.2	23.60	2.6	39.6	21.46	6.0	20.2
Professional specialty	24.78	3.3	34.8	25.18	3.5	39.6	22.39	6.2	20.0
Engineers, architects, and surveyors	26.69	7.5	42.2	26.69	7.5	42.2	-	-	-
Aerospace engineers	34.64	7.5	40.0	34.64	7.5	40.0	-	-	-
Chemical engineers	27.42	9.7	40.0	27.42	9.7	40.0	-	-	-
Civil engineers	25.79	6.4	41.3	25.79	6.4	41.3	-	-	-
Electrical and electronic engineers	33.61	4.3	40.2	33.61	4.3	40.2	-	-	-
Industrial engineers	27.91	5.0	40.4	27.91	5.0	40.4	-	-	-
Engineers, n.e.c.	31.52	4.1	40.0	31.52	4.1	40.0	-	-	-
Mathematical and computer scientists	29.21	3.9	39.8	29.20	4.0	39.9	-	-	-
Computer systems analysts and scientists	29.90	4.9	39.9	29.90	4.9	40.0	-	-	-
Operations and systems researchers and analysts	24.66	9.4	39.5	24.66	9.4	39.5	-	-	-
Natural scientists	29.68	11.7	37.8	29.62	11.9	39.5	-	-	-
Chemists, except biochemists	23.70	16.1	38.3	23.70	16.1	38.3	-	-	-
Medical scientists	28.19	19.3	35.1	27.90	20.7	39.5	-	-	-
Health related	22.05	4.8	30.0	21.86	6.5	38.9	22.43	7.0	20.7
Physicians	36.07	8.4	39.5	33.55	10.5	43.5	-	-	-
Registered nurses	22.56	2.5	27.2	22.71	1.7	38.5	22.39	5.7	20.5
Pharmacists	11.18	18.2	31.6	-	-	-	-	-	-
Respiratory therapists	20.03	2.9	34.3	20.05	3.5	39.1	-	-	-
Occupational therapists	22.96	5.3	34.8	-	-	-	-	-	-
Physical therapists	-	-	-	-	-	-	29.25	9.5	20.1
Teachers, college and university	41.33	4.0	32.4	41.81	4.1	37.1	36.16	12.8	13.6
Medical science teachers	41.08	7.1	32.1	42.67	4.6	38.1	-	-	-
Art, drama, and music teachers	32.24	9.8	35.9	-	-	-	-	-	-
English teachers	38.68	20.9	35.9	39.14	21.2	36.4	-	-	-
Foreign language teachers	28.61	13.1	34.2	-	-	-	-	-	-
Other post-secondary teachers	40.92	7.4	26.9	41.99	7.1	35.8	-	-	-
Teachers, except college and university	17.90	17.4	33.4	17.95	18.8	37.4	17.05	13.8	11.2
Secondary school teachers	26.06	5.4	35.4	26.35	5.5	36.7	22.21	2.0	24.1
Teachers, special education	20.90	30.4	38.7	20.90	30.4	38.7	-	-	-
Teachers, n.e.c.	18.70	11.3	20.7	19.44	11.2	37.4	16.70	14.1	9.3
Librarians, archivists, and curators	23.56	10.3	33.8	23.70	11.0	37.2	-	-	-
Librarians	23.55	11.3	35.7	23.47	12.9	37.6	-	-	-
Social scientists and urban planners	21.62	18.6	29.7	23.08	21.1	38.1	-	-	-
Social, recreation, and religious workers	14.31	4.6	33.3	13.91	4.2	38.0	17.12	10.7	17.8
Social workers	14.26	4.7	33.9	13.86	4.3	38.1	17.04	11.5	19.1
Lawyers and judges	39.46	4.9	41.0	39.46	4.9	41.0	-	-	-
Lawyers	39.46	4.9	41.0	39.46	4.9	41.0	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.66	8.5	37.7	21.82	8.7	38.6	-	-	-
Technical writers	28.78	8.6	32.7	29.71	9.4	40.0	-	-	-
Designers	23.42	7.9	39.3	23.60	8.1	39.9	-	-	-
Editors and reporters	18.55	5.7	39.2	18.55	5.7	39.2	-	-	-
Public relations specialists	26.57	9.8	38.3	26.57	9.8	38.3	-	-	-
Professional, n.e.c.	25.24	13.6	36.5	28.78	7.7	38.8	-	-	-
Technical	17.94	3.1	36.5	18.10	3.7	39.6	16.42	4.5	21.1
Clinical laboratory technologists and technicians	16.22	5.6	35.5	16.40	6.4	39.5	15.07	4.9	22.0
Radiological technicians	20.68	3.7	29.5	21.47	4.3	39.1	19.50	5.9	21.6
Licensed practical nurses	16.15	2.3	29.3	16.59	2.6	38.8	15.38	4.0	20.5
Health technologists and technicians, n.e.c.	14.41	4.3	36.7	14.41	4.5	39.3	14.42	8.9	20.5
Electrical and electronic technicians	18.53	3.9	40.1	18.53	3.9	40.1	-	-	-
Mechanical engineering technicians	22.05	4.8	40.0	22.05	4.8	40.0	-	-	-
Engineering technicians, n.e.c.	21.22	4.4	38.2	21.30	4.3	39.9	-	-	-
Drafters	17.04	4.2	40.0	17.04	4.2	40.0	-	-	-
Chemical technicians	15.44	6.5	40.0	15.44	6.5	40.0	-	-	-
Science technicians, n.e.c.	18.65	9.4	38.1	18.52	9.9	39.2	-	-	-

See footnotes at end of table.

TABLE 4. Selected occupations, New England, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1999–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Technical –Continued									
Computer programmers	\$23.70	6.7	39.1	\$23.77	6.6	39.5	–	–	–
Legal assistants	18.41	6.7	39.7	18.41	6.7	39.7	–	–	–
Technical and related, n.e.c.	17.86	8.7	39.7	17.86	8.7	39.7	–	–	–
Executive, administrative, and managerial	31.61	6.2	41.3	31.69	6.1	41.5	\$15.00	14.7	21.2
Executives, administrators, and managers	35.91	4.5	41.8	35.97	4.5	42.1	–	–	–
Financial managers	32.63	8.9	40.6	32.78	9.0	40.8	–	–	–
Personnel and labor relations managers	26.20	22.6	46.8	26.20	22.6	46.8	–	–	–
Managers, marketing, advertising, and public relations	44.00	8.1	41.0	44.00	8.1	41.0	–	–	–
Administrators, education and related fields	30.59	10.1	38.2	30.81	10.3	39.5	–	–	–
Managers, food servicing and lodging establishments	20.64	9.4	45.6	20.64	9.4	45.6	–	–	–
Managers, service organizations, n.e.c.	24.00	14.9	39.5	24.00	14.9	39.5	–	–	–
Managers and administrators, n.e.c.	43.52	9.8	42.4	43.52	9.8	42.4	–	–	–
Management related	21.50	2.9	40.0	21.56	2.8	40.1	–	–	–
Accountants and auditors	19.91	5.6	39.5	19.91	5.6	39.6	–	–	–
Underwriters	24.97	7.6	38.8	24.97	7.6	38.8	–	–	–
Other financial officers	20.96	8.5	40.2	20.96	8.5	40.2	–	–	–
Management analysts	24.29	7.7	39.6	24.29	7.7	39.6	–	–	–
Personnel, training, and labor relations specialists	21.91	3.5	40.8	21.91	3.5	40.8	–	–	–
Buyers, wholesale and retail trade, except farm products	28.24	8.8	41.5	28.24	8.8	41.5	–	–	–
Purchasing agents and buyers, n.e.c.	20.72	8.1	39.3	20.72	8.1	39.3	–	–	–
Management related, n.e.c.	21.47	6.3	40.0	21.47	6.3	40.0	–	–	–
Sales	11.16	7.1	28.6	14.04	9.1	40.5	6.90	3.7	20.0
Supervisors, sales	21.12	9.3	42.1	21.12	9.3	42.1	–	–	–
Securities and financial services sales	29.53	16.2	40.8	29.53	16.2	40.8	–	–	–
Advertising and related sales	21.87	13.1	40.0	22.28	12.9	40.8	–	–	–
Sales representatives, mining, manufacturing, and wholesale	22.23	19.3	41.0	22.23	19.3	41.0	–	–	–
Sales workers, motor vehicles and boats	23.88	15.1	42.8	23.88	15.1	42.8	–	–	–
Sales workers, apparel	7.37	2.1	25.7	–	–	–	–	–	–
Sales workers, other commodities	8.87	7.7	24.3	12.49	10.2	39.0	7.14	5.4	20.6
Sales counter clerks	10.15	13.2	29.6	11.44	15.4	41.5	7.69	4.2	19.1
Cashiers	6.80	1.9	24.8	–	–	–	6.52	2.7	19.1
Sales support, n.e.c.	21.58	16.8	39.1	21.82	16.7	39.9	–	–	–
Administrative support, including clerical	13.52	3.3	36.1	13.77	3.3	39.2	11.53	4.4	22.5
Supervisors, general office	16.97	5.3	41.3	16.96	5.4	41.9	–	–	–
Supervisors, financial records processing	20.72	6.4	39.3	20.72	6.4	39.3	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	22.15	2.5	39.4	22.15	2.5	39.4	–	–	–
Computer operators	15.51	8.3	38.4	15.51	8.4	39.1	–	–	–
Secretaries	14.95	2.7	34.4	15.35	2.7	38.6	–	–	–
Typists	12.93	7.9	29.8	–	–	–	–	–	–
Interviewers	10.29	7.3	33.0	10.50	7.9	38.8	–	–	–
Transportation ticket and reservation agents	14.49	3.4	36.7	14.68	5.1	40.0	13.76	4.0	27.8
Receptionists	10.54	4.9	36.4	10.71	5.4	39.7	9.09	5.1	21.4
Information clerks, n.e.c.	12.42	15.0	37.6	–	–	–	–	–	–
Correspondence clerks	10.76	5.9	39.9	10.76	5.9	39.9	–	–	–
Order clerks	11.44	8.1	37.6	11.58	8.9	39.2	9.78	13.3	25.5
Personnel clerks, except payroll and timekeeping	14.87	11.3	38.6	14.96	11.5	39.6	–	–	–
Library clerks	12.68	10.2	36.2	12.71	10.3	36.6	–	–	–
Records clerks, n.e.c.	12.00	4.9	38.4	12.07	5.1	39.1	–	–	–
Bookkeepers, accounting and auditing clerks	12.40	4.0	34.4	12.66	4.4	39.5	9.19	8.2	13.3
Payroll and timekeeping clerks	12.68	6.2	36.1	13.66	3.8	38.9	–	–	–

See footnotes at end of table.

TABLE 4. Selected occupations, New England, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1999—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Billing clerks	\$11.61	4.8	36.9	\$11.68	4.7	39.0	—	—	—
Telephone operators	9.75	4.9	29.6	10.40	4.7	39.0	\$7.96	2.7	17.9
Mail clerks, except postal service	8.86	2.6	38.7	8.87	2.7	39.3	—	—	—
Dispatchers	12.43	1.7	40.2	12.43	1.7	40.2	—	—	—
Production coordinators	17.07	7.1	39.7	17.07	7.1	39.7	—	—	—
Traffic, shipping and receiving clerks	13.36	9.6	38.4	13.90	7.3	39.4	—	—	—
Stock and inventory clerks	12.16	6.4	37.2	12.19	6.5	37.4	—	—	—
Insurance adjusters, examiners, and investigators	16.44	5.0	37.5	16.18	4.8	38.3	—	—	—
Investigators and adjusters, except insurance ...	14.24	4.6	37.8	14.15	4.2	39.2	16.12	12.6	22.0
Bill and account collectors	14.60	5.5	39.6	14.60	5.5	39.6	—	—	—
General office clerks	11.97	3.7	31.5	12.74	3.5	38.6	9.63	4.5	20.2
Bank tellers	11.25	11.2	34.9	11.74	12.2	39.0	—	—	—
Data entry keyers	11.31	8.6	35.7	10.83	12.6	39.1	—	—	—
Statistical clerks	13.13	19.8	35.9	13.56	21.7	39.4	—	—	—
Teachers' aides	11.45	13.5	35.1	—	—	—	—	—	—
Administrative support, n.e.c.	12.45	4.8	38.2	12.59	5.2	39.6	9.68	8.7	22.3
Blue collar	13.45	3.2	37.6	13.47	3.2	39.7	13.18	24.6	22.6
Precision production, craft, and repair									
Supervisors, mechanics and repairers	15.44	6.7	40.9	15.44	6.7	40.9	—	—	—
Automobile mechanics	17.18	6.4	39.4	17.18	6.4	39.4	—	—	—
Bus, truck, and stationary engine mechanics	15.90	7.3	40.2	15.90	7.3	40.2	—	—	—
Industrial machinery repairers	16.06	3.4	39.9	16.06	3.4	39.9	—	—	—
Electronic repairers, communications and industrial equipment	22.98	7.3	35.4	—	—	—	—	—	—
Carpenters	16.44	4.1	39.9	16.44	4.1	39.9	—	—	—
Electricians	23.62	12.9	40.0	23.62	12.9	40.0	—	—	—
Electrical power installers and repairers	25.41	1.6	40.0	25.41	1.6	40.0	—	—	—
Supervisors, production	18.49	2.5	41.5	18.49	2.5	41.5	—	—	—
Machinists	18.49	3.4	39.8	18.49	3.4	39.8	—	—	—
Butchers and meat cutters	12.30	16.0	37.9	12.16	16.3	40.0	—	—	—
Inspectors, testers, and graders	15.20	7.2	40.0	15.20	7.2	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine operators	16.72	3.8	40.0	16.72	3.8	40.0	—	—	—
Punching and stamping press operators	11.08	5.9	39.4	11.06	6.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	8.64	9.9	40.0	8.64	9.9	40.0	—	—	—
Numerical control machine operators	13.99	4.9	40.0	13.99	4.9	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.46	3.7	40.0	13.46	3.7	40.0	—	—	—
Molding and casting machine operators	11.72	7.9	39.9	11.72	7.9	39.9	—	—	—
Metal plating machine operators	12.49	7.2	41.4	12.49	7.2	41.4	—	—	—
Heat treating equipment operators	14.06	8.8	40.0	14.06	8.8	40.0	—	—	—
Printing press operators	14.77	5.2	38.4	15.05	4.9	39.9	—	—	—
Photoengravers and lithographers	14.76	12.4	39.7	14.76	12.4	39.7	—	—	—
Winding and twisting machine operators	10.52	.8	39.8	10.52	.8	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	10.62	2.5	39.6	10.62	2.5	39.6	—	—	—
Laundering and dry cleaning machine operators	7.91	7.1	31.8	—	—	—	—	—	—
Packaging and filling machine operators	10.63	7.4	39.9	10.63	7.4	39.9	—	—	—
Extruding and forming machine operators	10.65	10.0	39.1	10.65	10.0	39.1	—	—	—
Mixing and blending machine operators	12.20	13.2	40.0	12.20	13.2	40.0	—	—	—
Separating, filtering, and clarifying machine operators	16.89	2.8	40.0	16.89	2.8	40.0	—	—	—
Compressing and compacting machine operators	11.29	10.3	33.9	—	—	—	—	—	—
Painting and paint spraying machine operators	11.51	3.5	40.0	11.51	3.5	40.0	—	—	—
Slicing and cutting machine operators	9.64	8.6	40.0	9.64	8.6	40.0	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, New England, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1999–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Machine operators, assemblers, and inspectors –Continued									
Miscellaneous machine operators, n.e.c.	\$10.48	4.8	38.8	\$10.66	3.9	40.0	–	–	–
Welders and cutters	15.86	7.6	40.0	15.86	7.6	40.0	–	–	–
Assemblers	10.65	9.3	34.7	10.92	9.3	40.0	–	–	–
Miscellaneous hand working, n.e.c.	8.50	6.6	40.4	8.50	6.6	40.4	–	–	–
Production inspectors, checkers and examiners	12.17	5.4	39.9	12.17	5.4	39.9	–	–	–
Production testers	12.07	2.9	40.0	12.07	2.9	40.0	–	–	–
Transportation and material moving	13.38	14.3	36.9	12.25	14.5	41.3	\$17.81	18.9	26.1
Truck drivers	12.96	19.3	36.7	11.12	17.8	41.5	–	–	–
Bus drivers	13.85	7.7	30.9	–	–	–	–	–	–
Supervisors, material moving equipment	15.98	5.9	44.3	15.98	5.9	44.3	–	–	–
Excavating and loading machine operators	18.39	19.1	40.0	18.39	19.1	40.0	–	–	–
Industrial truck and tractor equipment operators	13.76	4.6	39.3	13.82	4.3	39.8	–	–	–
Handlers, equipment cleaners, helpers, and laborers	11.23	3.9	34.0	11.89	4.7	39.6	8.07	4.0	20.3
Groundskeepers and gardeners, except farm ...	10.62	11.1	31.3	12.52	4.2	40.0	–	–	–
Construction laborers	17.06	14.0	38.5	17.67	13.9	40.0	–	–	–
Production helpers	9.02	22.0	39.6	9.02	22.0	39.6	–	–	–
Stock handlers and baggers	9.07	3.2	28.4	10.57	3.7	39.5	6.74	2.1	19.8
Machine feeders and offbearers	8.36	12.6	36.0	8.46	14.0	40.0	–	–	–
Freight, stock, and material handlers, n.e.c.	12.20	5.4	32.8	12.46	6.5	39.9	–	–	–
Hand packers and packagers	8.42	3.3	31.6	9.06	4.2	40.0	6.61	4.6	19.8
Laborers, except construction, n.e.c.	11.60	5.0	36.7	11.94	4.4	39.4	8.17	4.4	21.9
Service	8.45	2.5	27.5	9.53	2.0	38.1	7.13	2.5	20.5
Protective service	9.25	4.1	32.9	9.72	6.4	39.8	8.29	2.9	24.3
Guards and police, except public service	9.06	3.6	33.1	9.47	5.7	39.8	8.29	2.9	24.9
Food service	7.27	3.8	25.5	8.70	6.8	37.8	6.08	4.6	20.1
Waiters, waitresses, and bartenders	4.42	6.5	24.8	5.29	7.4	37.1	3.60	7.6	18.9
Bartenders	5.83	8.1	33.5	5.58	7.2	36.8	7.94	15.4	19.2
Waiters and waitresses	3.66	10.2	23.5	4.96	16.4	37.7	3.02	7.0	19.9
Waiters/Waitresses' assistants	5.21	7.9	16.3	–	–	–	5.26	9.6	14.2
Other food service	8.52	6.2	25.9	10.33	3.9	38.1	7.08	3.8	20.6
Supervisors, food preparation and service	14.42	5.6	39.6	14.90	5.2	44.7	–	–	–
Cooks	8.87	7.1	30.5	10.13	4.8	37.0	7.44	4.7	25.4
Kitchen workers, food preparation	7.65	4.7	27.9	8.19	9.4	39.3	6.94	3.0	20.1
Food preparation, n.e.c.	7.30	2.4	21.9	8.72	2.7	36.4	6.62	2.6	18.4
Health service	10.02	2.9	28.7	10.23	1.7	38.6	9.62	5.6	19.6
Health aides, except nursing	9.42	4.6	23.2	10.49	3.0	39.3	8.45	2.9	17.0
Nursing aides, orderlies and attendants	10.14	2.2	30.8	10.11	1.7	38.4	10.20	4.8	21.3
Cleaning and building service	9.26	4.3	31.9	10.27	4.8	38.1	7.29	4.8	24.2
Supervisors, cleaning and building service workers	16.02	5.8	39.1	17.20	3.3	40.0	–	–	–
Maids and housemen	7.37	5.1	31.6	7.83	4.3	35.1	–	–	–
Janitors and cleaners	9.85	3.6	31.7	10.75	3.8	39.3	7.61	3.0	21.5
Personal service	8.48	5.0	24.9	9.14	16.6	37.1	7.79	4.3	18.5
Supervisors, personal service	12.67	4.1	37.2	–	–	–	–	–	–
Welfare service aides	10.39	7.7	20.2	11.41	10.5	39.2	9.56	10.0	14.5
Child care workers, n.e.c.	8.21	10.7	29.1	9.82	4.0	39.4	6.64	9.1	23.1
Service, n.e.c.	–	–	–	10.57	5.2	38.7	–	–	–

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

² Total includes full-time and part-time workers. 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 In this census division, collection was conducted between May 1999 and April 2000.

The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

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 Technical Note.

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

TABLE 5. Selected occupations, New England, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$21.82	2.2	35.4	\$22.29	2.1	37.4	\$14.00	7.7	18.6
All, excluding sales	21.85	2.2	35.4	22.31	2.1	37.4	14.03	7.9	18.5
White collar	24.78	2.4	34.4	25.31	2.4	36.2	16.18	8.1	19.1
White collar, excluding sales	24.86	2.4	34.4	25.37	2.4	36.2	16.31	8.2	18.8
Professional specialty and technical	29.99	3.2	34.1	30.58	3.2	35.6	19.57	10.8	19.6
Professional specialty	30.81	3.1	34.3	31.25	3.1	35.5	21.17	11.4	19.4
Engineers, architects, and surveyors	29.50	3.6	37.0	29.50	3.6	37.0	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—	—	—	—
Natural scientists	27.13	12.5	35.6	27.13	12.5	35.6	—	—	—
Health related	26.64	5.2	36.6	26.77	5.9	38.6	25.79	5.6	27.0
Registered nurses	24.60	5.0	36.6	24.74	5.3	38.5	22.41	11.4	20.7
Teachers, college and university	36.81	5.5	37.1	37.83	6.0	38.3	—	—	—
Teachers, except college and university	32.48	4.0	33.0	32.90	4.0	34.3	21.31	17.9	16.4
Prekindergarten and kindergarten	35.29	5.8	33.4	35.29	5.8	33.4	—	—	—
Elementary school teachers	33.00	3.0	34.1	32.99	3.0	34.1	—	—	—
Secondary school teachers	31.79	6.3	35.1	31.79	6.3	35.1	—	—	—
Teachers, special education	30.88	5.9	34.1	30.78	6.0	34.3	—	—	—
Teachers, n.e.c.	40.43	9.4	29.2	41.49	8.9	31.7	—	—	—
Substitute teachers	8.58	3.6	12.3	—	—	—	8.58	3.6	12.3
Vocational and educational counselors	30.06	7.6	32.5	29.90	13.2	35.3	—	—	—
Librarians, archivists, and curators	21.52	15.5	36.9	21.59	15.8	37.2	—	—	—
Librarians	21.52	15.5	36.9	21.59	15.8	37.2	—	—	—
Social scientists and urban planners	27.53	6.3	36.1	—	—	—	—	—	—
Social, recreation, and religious workers	22.13	4.6	37.1	22.46	4.9	37.2	—	—	—
Social workers	22.32	4.8	37.1	22.46	4.9	37.2	—	—	—
Lawyers and judges	33.87	10.5	36.9	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.94	2.5	28.0	—	—	—	—	—	—
Technical	16.98	6.1	32.1	17.71	6.7	38.0	14.27	10.9	20.3
Licensed practical nurses	15.32	4.6	38.2	15.33	5.0	39.6	—	—	—
Health technologists and technicians, n.e.c.	15.99	12.0	24.9	—	—	—	—	—	—
Executive, administrative, and managerial	28.97	4.9	36.3	29.10	5.0	37.8	22.89	5.6	12.4
Executives, administrators, and managers	32.80	5.1	36.2	32.97	5.0	38.2	24.66	6.8	10.4
Legislators	25.83	4.8	19.1	—	—	—	26.27	7.7	6.4
Administrators and officials, public administration	29.46	10.2	36.6	29.43	10.2	38.2	—	—	—
Financial managers	33.71	2.7	37.6	33.71	2.7	37.6	—	—	—
Administrators, education and related fields	36.60	5.3	36.5	37.29	4.7	38.1	—	—	—
Managers and administrators, n.e.c.	36.16	9.4	37.8	36.16	9.4	37.8	—	—	—
Management related	20.54	4.0	36.3	20.56	4.1	37.0	19.51	7.5	19.9
Accountants and auditors	19.93	5.6	37.7	19.93	5.7	37.8	—	—	—
Personnel, training, and labor relations specialists	17.66	6.3	35.6	—	—	—	—	—	—
Management related, n.e.c.	20.50	7.9	36.0	20.60	8.2	36.7	—	—	—
Sales	16.82	5.7	35.8	18.06	5.5	40.0	—	—	—
Cashiers	16.63	6.4	35.0	18.20	6.8	40.0	—	—	—
Administrative support, including clerical	13.74	3.3	34.0	13.93	3.4	36.4	11.48	7.2	19.3
Secretaries	16.72	3.8	35.7	16.78	3.9	37.2	—	—	—
Typists	13.75	2.1	35.5	13.89	1.2	36.4	—	—	—
Receptionists	10.06	7.9	25.3	—	—	—	—	—	—
Library clerks	13.17	9.1	27.9	13.79	11.6	34.9	11.73	4.3	19.0
Records clerks, n.e.c.	14.39	1.5	29.2	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks	13.97	4.9	36.6	13.93	5.4	37.3	—	—	—
Dispatchers	15.77	5.9	32.5	16.05	5.6	39.7	—	—	—
Stock and inventory clerks	16.92	10.0	36.7	16.92	10.0	36.7	—	—	—
General office clerks	14.33	2.4	36.2	14.29	2.5	37.3	—	—	—
Teachers' aides	10.24	4.6	33.2	10.18	4.5	34.6	10.91	20.9	22.8
Administrative support, n.e.c.	17.11	3.7	34.8	17.86	5.6	36.3	—	—	—
Blue collar	16.91	2.5	39.4	17.02	2.7	39.9	10.67	16.7	25.4

See footnotes at end of table.

TABLE 5. Selected occupations, New England, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1999–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair	\$18.09	3.6	39.9	\$18.09	3.6	40.0	–	–	–
Mechanics and repairers, n.e.c.	17.58	10.1	39.8	17.58	10.1	39.8	–	–	–
Electricians	19.79	7.5	40.0	19.79	7.5	40.0	–	–	–
Painters, construction and maintenance	16.21	5.8	40.0	16.21	5.8	40.0	–	–	–
Construction trades, n.e.c.	11.89	9.7	39.9	11.89	9.7	39.9	–	–	–
Water and sewer treatment plant operators	18.33	5.2	40.0	18.33	5.2	40.0	–	–	–
Machine operators, assemblers, and inspectors	16.67	8.2	39.0	16.68	8.2	39.4	–	–	–
Transportation and material moving	17.45	3.7	38.3	17.84	3.7	39.6	–	–	–
Truck drivers	13.93	9.4	36.8	–	–	–	–	–	–
Handlers, equipment cleaners, helpers, and laborers	13.74	3.4	39.4	13.91	3.8	39.9	–	–	–
Construction laborers	13.40	4.2	40.0	13.40	4.2	40.0	–	–	–
Laborers, except construction, n.e.c.	14.38	10.0	37.5	15.29	10.6	39.8	–	–	–
Service	15.82	2.5	36.7	16.29	2.3	39.9	\$9.23	3.9	17.2
Protective service	18.68	1.8	37.7	19.22	1.8	40.3	9.49	6.9	17.9
Supervisors, firefighters and fire prevention	22.15	3.3	41.9	22.15	3.3	41.9	–	–	–
Supervisors, police and detectives	25.26	11.3	39.6	25.26	11.3	39.6	–	–	–
Firefighting	18.61	2.8	42.6	18.63	2.8	42.9	–	–	–
Police and detectives, public service	18.92	2.1	38.5	19.15	1.9	39.7	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	17.11	8.8	39.2	17.25	9.2	39.3	–	–	–
Crossing guards	10.24	7.3	15.3	–	–	–	10.24	7.3	15.3
Guards and police, except public service	13.09	10.7	39.4	13.17	10.8	39.7	–	–	–
Protective service, n.e.c.	8.01	15.1	22.6	–	–	–	8.01	15.1	22.6
Food service	11.31	2.8	26.7	12.27	2.2	37.5	7.77	6.4	13.0
Other food service	11.31	2.8	26.7	12.27	2.2	37.5	7.77	6.4	13.0
Cooks	12.60	7.3	36.8	12.60	7.4	36.9	–	–	–
Food preparation, n.e.c.	9.84	7.8	20.7	11.30	8.3	38.3	7.25	9.3	11.4
Health service	11.63	1.2	38.6	11.67	1.1	39.6	10.47	3.7	21.9
Nursing aides, orderlies and attendants	11.62	1.1	39.0	11.64	1.1	39.7	10.77	5.2	22.9
Cleaning and building service	12.90	4.6	38.2	12.96	4.8	39.8	–	–	–
Janitors and cleaners	12.37	3.1	38.1	12.42	3.3	39.8	–	–	–
Personal service	12.92	6.6	29.0	15.04	5.3	36.7	8.64	5.7	20.4
Child care workers, n.e.c.	12.97	11.6	27.0	–	–	–	–	–	–
Service, n.e.c.	11.52	11.6	24.0	–	–	–	–	–	–

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

² Total includes full-time and part-time workers. 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 In this census division, collection was conducted between May 1999 and April 2000.

The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

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 Technical Note.

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

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.18	4.2	34.6	\$16.54	5.2	34.5	\$21.82	2.2	35.4
All, excluding sales	17.85	4.1	35.4	17.24	5.1	35.4	21.85	2.2	35.4
White collar	20.65	5.7	34.9	19.99	7.1	34.9	24.78	2.4	34.4
1	6.96	3.9	20.6	6.90	4.6	20.6	10.15	8.4	22.0
2	7.59	4.2	27.5	7.30	2.9	27.0	9.88	4.8	32.0
3	10.35	4.7	30.8	10.09	5.2	30.5	12.54	3.1	33.6
4	13.29	4.9	36.5	13.21	5.5	36.9	13.90	2.3	33.6
5	13.62	2.8	37.4	13.43	2.9	37.9	15.85	3.3	31.9
6	16.16	2.1	37.4	15.94	2.3	37.8	17.82	4.1	34.4
7	19.90	2.4	34.2	19.20	2.5	34.0	23.81	6.0	35.4
8	22.06	2.4	36.5	21.68	3.4	36.9	24.51	10.2	34.2
9	26.13	2.6	38.3	24.33	3.5	39.6	31.59	4.1	34.7
10	27.46	2.4	38.4	27.29	2.4	38.2	28.56	7.2	40.2
11	30.76	2.6	40.3	30.46	2.7	40.9	32.52	2.3	37.2
12	41.96	3.4	38.6	42.37	3.9	39.0	39.95	2.7	36.9
13	51.16	3.2	41.6	51.19	3.2	41.9	50.63	10.2	37.2
14	56.53	7.2	40.5	57.74	7.7	39.9	-	-	-
15	60.04	7.9	42.9	60.04	7.9	42.9	-	-	-
Not able to be leveled	24.79	7.5	36.3	25.04	9.8	38.4	23.89	5.7	30.4
White collar, excluding sales	22.65	4.3	36.6	22.22	5.5	37.0	24.86	2.4	34.4
1	8.12	4.4	32.4	7.97	1.5	33.6	10.15	8.4	22.0
2	9.40	1.9	30.9	9.11	2.2	30.2	9.91	5.0	32.2
3	11.31	2.3	33.6	11.17	2.6	33.6	12.09	2.9	33.4
4	13.79	4.8	36.4	13.78	5.5	36.8	13.91	2.4	33.6
5	13.78	3.0	35.5	13.55	3.3	36.0	15.78	3.3	31.8
6	15.99	2.0	37.2	15.71	2.1	37.6	17.87	4.0	34.3
7	19.86	2.4	34.1	19.14	2.6	33.8	23.84	6.0	35.3
8	22.01	2.0	36.1	21.56	2.9	36.4	24.51	10.2	34.2
9	26.16	2.7	38.2	24.28	3.6	39.6	31.59	4.1	34.7
10	27.43	2.4	38.3	27.23	2.6	37.9	28.56	7.2	40.2
11	30.51	2.4	40.3	30.16	2.4	40.9	32.52	2.3	37.2
12	41.60	3.5	38.6	41.96	4.1	38.9	39.95	2.7	36.9
13	51.20	3.2	41.6	51.23	3.2	41.8	50.63	10.2	37.2
14	56.53	7.2	40.5	57.74	7.7	39.9	-	-	-
15	60.04	7.9	42.9	60.04	7.9	42.9	-	-	-
Not able to be leveled	24.29	7.7	36.2	24.41	10.1	38.3	23.89	5.7	30.4
Professional specialty and technical	24.78	2.1	34.9	23.32	2.5	35.2	29.99	3.2	34.1
Professional specialty	26.30	2.7	34.7	24.78	3.3	34.8	30.81	3.1	34.3
5	10.57	6.8	32.0	10.54	7.0	33.8	11.16	8.7	15.4
6	17.98	7.9	32.1	17.06	9.3	33.0	21.75	7.4	29.0
7	21.76	4.1	29.9	20.45	4.1	28.9	26.96	6.7	34.4
8	24.03	3.8	33.6	23.33	3.6	33.5	26.59	11.6	34.1
9	26.71	3.7	37.1	23.45	2.6	38.7	32.16	4.5	34.6
10	27.21	3.6	37.0	26.79	3.2	36.4	29.83	12.6	40.5
11	31.78	2.0	38.1	32.01	2.3	38.4	31.00	3.1	37.4
12	39.94	2.5	37.0	39.25	3.0	37.4	42.50	4.1	35.6
13	49.36	4.0	35.3	48.26	3.3	35.3	-	-	-
14	51.12	6.4	37.6	51.15	6.6	37.6	-	-	-
Not able to be leveled	21.37	10.1	35.4	20.25	12.2	36.1	25.39	9.2	32.9
Engineers, architects, and surveyors	26.87	7.2	41.8	26.69	7.5	42.2	29.50	3.6	37.0
7	21.85	2.9	40.4	21.85	2.9	40.4	-	-	-
8	21.97	1.7	40.0	21.97	1.7	40.0	-	-	-
10	28.34	3.1	39.9	28.34	3.1	39.9	-	-	-
11	31.49	2.2	39.3	31.91	3.1	40.2	-	-	-
12	37.13	2.9	40.0	37.13	2.9	40.0	-	-	-
13	46.82	4.4	40.0	46.82	4.4	40.0	-	-	-
Not able to be leveled	32.36	20.3	40.0	-	-	-	-	-	-
Aerospace engineers	34.64	7.5	40.0	34.64	7.5	40.0	-	-	-
12	38.49	6.4	40.0	38.49	6.4	40.0	-	-	-
Chemical engineers	27.42	9.7	40.0	27.42	9.7	40.0	-	-	-
Civil engineers	27.85	5.4	38.9	25.79	6.4	41.3	-	-	-
Electrical and electronic engineers	33.61	4.3	40.2	33.61	4.3	40.2	-	-	-

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
Electrical and electronic engineers—Continued									
9	\$27.99	8.7	40.5	\$27.99	8.7	40.5	—	—	—
11	34.22	3.6	40.0	34.22	3.6	40.0	—	—	—
12	38.70	4.2	40.0	38.70	4.2	40.0	—	—	—
Industrial engineers	27.91	5.0	40.4	27.91	5.0	40.4	—	—	—
9	25.34	6.2	40.9	25.34	6.2	40.9	—	—	—
12	35.36	3.1	39.8	35.36	3.1	39.8	—	—	—
Mechanical engineers									
12	37.42	12.7	40.0	37.42	12.7	40.0	—	—	—
Engineers, n.e.c.	31.14	3.5	39.6	31.52	4.1	40.0	—	—	—
9	26.46	4.4	40.0	26.46	4.4	40.0	—	—	—
10	28.22	3.8	40.0	28.22	3.8	40.0	—	—	—
11	31.92	4.7	38.5	35.64	5.8	40.0	—	—	—
12	36.88	5.3	40.0	36.88	5.3	40.0	—	—	—
Mathematical and computer scientists	28.97	3.9	39.7	29.21	3.9	39.8	±	±	±
7	19.76	2.4	39.2	19.76	2.4	39.2	—	—	—
9	25.14	2.5	39.7	25.55	2.5	40.1	—	—	—
10	31.23	3.4	40.7	31.23	3.4	40.7	—	—	—
11	32.49	2.3	40.5	32.49	2.3	40.5	—	—	—
12	36.53	3.5	37.9	36.53	3.5	37.9	—	—	—
Computer systems analysts and scientists	29.68	4.8	39.8	29.90	4.9	39.9	—	—	—
7	19.62	2.0	39.3	19.62	2.0	39.3	—	—	—
9	25.09	2.0	39.9	25.39	2.0	40.3	—	—	—
10	31.23	3.4	40.7	31.23	3.4	40.7	—	—	—
11	32.37	2.3	40.5	32.37	2.3	40.5	—	—	—
12	36.93	3.6	37.5	36.93	3.6	37.5	—	—	—
Operations and systems researchers and analysts	24.36	8.9	39.4	24.66	9.4	39.5	—	—	—
9	22.28	5.4	38.8	22.84	5.3	39.1	—	—	—
Natural scientists	29.19	9.6	37.3	29.68	11.7	37.8	\$27.13	12.5	35.6
11	30.58	6.5	36.3	28.14	5.3	37.1	—	—	—
13	46.35	6.4	35.8	46.35	6.4	35.8	—	—	—
Chemists, except biochemists	23.92	15.5	38.3	23.70	16.1	38.3	—	—	—
Medical scientists	27.89	18.5	35.3	28.19	19.3	35.1	—	—	—
Health related	22.38	4.5	30.4	22.05	4.8	30.0	26.64	5.2	36.6
6	19.60	5.4	33.4	19.81	5.7	32.9	—	—	—
7	21.15	4.9	26.7	21.07	5.0	26.6	25.28	3.1	35.3
8	23.38	2.5	31.7	23.13	2.4	31.5	26.93	10.6	33.4
9	24.07	2.5	33.4	23.28	2.0	32.8	27.51	7.1	36.3
10	24.31	6.0	42.0	25.19	5.1	40.4	—	—	—
11	28.56	6.1	37.4	28.32	7.5	38.0	29.36	8.5	35.5
Not able to be leveled	25.84	18.7	36.1	25.84	18.7	36.1	—	—	—
Physicians	34.97	8.9	40.1	36.07	8.4	39.5	—	—	—
Not able to be leveled	22.80	17.2	39.3	22.80	17.2	39.3	—	—	—
Registered nurses	22.71	2.3	27.8	22.56	2.5	27.2	24.60	5.0	36.6
6	20.05	6.3	33.5	20.34	6.5	33.0	—	—	—
7	21.94	5.5	23.0	21.85	5.8	22.8	25.28	3.6	34.9
8	23.28	2.6	31.3	23.10	2.6	31.2	27.89	18.5	32.9
9	23.09	2.3	32.3	22.79	2.6	31.4	24.32	2.8	37.1
10	26.66	2.5	38.3	26.66	2.5	38.3	—	—	—
11	26.42	3.1	37.8	26.66	4.1	37.3	—	—	—
Pharmacists	11.18	18.2	31.6	11.18	18.2	31.6	—	—	—
Respiratory therapists	20.03	2.9	34.3	20.03	2.9	34.3	—	—	—
7	20.16	2.6	35.2	20.16	2.6	35.2	—	—	—
Occupational therapists	24.58	8.2	34.8	22.96	5.3	34.8	—	—	—
Physical therapists									
9	23.59	5.4	36.0	23.59	5.4	36.0	—	—	—
Speech therapists	31.23	8.2	34.9	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Health related –Continued									
Therapists, n.e.c.	\$21.88	13.3	33.5	–	–	–	–	–	–
Teachers, college and university	39.44	3.7	34.2	\$41.33	4.0	32.4	\$36.81	5.5	37.1
7	14.30	3.2	14.7	–	–	–	–	–	–
9	31.16	7.0	35.0	36.13	10.7	28.0	29.41	4.7	38.4
10	32.24	9.1	25.7	28.42	11.6	18.4	35.31	12.2	37.9
11	34.37	4.8	36.9	35.98	4.4	35.8	31.59	8.1	39.1
12	47.73	4.9	35.2	53.01	4.2	32.3	43.60	6.5	38.0
13	55.13	5.6	35.1	52.76	4.7	35.2	–	–	–
Engineering teachers	47.98	10.3	31.6	–	–	–	–	–	–
Mathematical science teachers	36.14	24.8	32.2	–	–	–	–	–	–
Medical science teachers	41.08	7.1	32.1	41.08	7.1	32.1	–	–	–
Health specialties teachers	30.07	6.4	31.2	–	–	–	–	–	–
Business, commerce, and marketing teachers ..	52.85	18.4	36.0	–	–	–	–	–	–
Art, drama, and music teachers	31.13	9.2	36.6	32.24	9.8	35.9	–	–	–
Education teachers	46.84	12.8	36.6	–	–	–	–	–	–
English teachers	39.04	16.9	36.6	38.68	20.9	35.9	–	–	–
Foreign language teachers	28.61	13.1	34.2	28.61	13.1	34.2	–	–	–
Trade and industrial teachers	30.43	8.1	37.6	–	–	–	–	–	–
Other post-secondary teachers	38.95	7.8	33.0	40.92	7.4	26.9	–	–	–
11	32.01	8.5	38.8	–	–	–	–	–	–
Teachers, except college and university	28.91	5.8	33.1	17.90	17.4	33.4	32.48	4.0	33.0
5	–	–	–	–	–	–	9.34	7.0	11.8
6	19.09	26.5	19.4	10.67	9.1	20.0	–	–	–
7	30.13	7.2	34.1	25.33	8.8	33.8	30.59	7.9	34.1
8	30.54	12.0	33.0	21.86	7.2	30.2	31.54	11.4	33.3
9	32.77	4.6	34.1	27.52	7.0	33.7	33.48	5.4	34.2
10	32.27	12.2	35.5	32.27	12.2	35.5	–	–	–
11	26.75	15.9	33.5	–	–	–	–	–	–
Prekindergarten and kindergarten	–	–	–	–	–	–	35.29	5.8	33.4
9	32.40	13.8	34.6	–	–	–	–	–	–
Elementary school teachers	32.54	2.5	34.4	–	–	–	33.00	3.0	34.1
7	30.02	7.2	34.0	–	–	–	29.90	7.7	33.9
9	32.93	3.0	34.6	–	–	–	33.60	3.8	34.2
Secondary school teachers	31.24	5.7	35.1	26.06	5.4	35.4	31.79	6.3	35.1
7	30.31	9.8	34.3	–	–	–	30.54	10.1	34.2
8	34.19	6.3	32.6	22.50	5.1	32.4	–	–	–
9	31.28	7.2	35.5	26.71	6.5	35.8	31.75	7.9	35.4
Teachers, special education	29.50	7.2	34.7	20.90	30.4	38.7	30.88	5.9	34.1
9	30.11	7.2	34.4	–	–	–	30.79	6.7	34.2
Teachers, n.e.c.	32.08	18.8	25.2	18.70	11.3	20.7	40.43	9.4	29.2
5	13.40	9.6	21.9	13.43	10.8	23.4	–	–	–
6	20.24	3.2	5.9	–	–	–	–	–	–
9	41.34	11.7	27.1	–	–	–	41.70	11.5	31.1
Substitute teachers	8.58	3.6	12.3	–	–	–	8.58	3.6	12.3
5	8.72	5.2	11.4	–	–	–	8.72	5.2	11.4
Vocational and educational counselors	30.03	7.5	32.5	–	–	–	30.06	7.6	32.5
Librarians, archivists, and curators	22.53	9.6	35.3	23.56	10.3	33.8	21.52	15.5	36.9
9	25.96	9.6	36.8	–	–	–	28.93	7.8	35.3
Librarians	22.45	10.1	36.3	23.55	11.3	35.7	21.52	15.5	36.9
9	25.96	9.6	36.8	–	–	–	28.93	7.8	35.3
Social scientists and urban planners	23.73	11.7	31.7	21.62	18.6	29.7	27.53	6.3	36.1
Psychologists	21.22	18.7	27.1	–	–	–	–	–	–
Social, recreation, and religious workers	17.53	4.4	34.8	14.31	4.6	33.3	22.13	4.6	37.1
7	16.39	5.5	36.6	13.55	6.5	36.2	20.49	9.1	37.4
8	17.68	16.5	37.4	14.45	10.3	38.9	–	–	–
9	20.50	7.6	32.3	17.63	6.0	29.2	24.27	5.2	37.7
Social workers	17.72	4.6	35.2	14.26	4.7	33.9	22.32	4.8	37.1
7	16.50	5.9	37.6	13.27	6.6	37.8	20.72	9.5	37.4

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Social, recreation, and religious workers—Continued									
Social workers—Continued									
8	\$17.69	17.6	37.2	\$14.11	10.7	38.8	—	—	—
9	20.56	7.8	33.0	17.62	6.3	30.0	\$24.27	5.2	37.7
Recreation workers	14.35	9.5	29.1	—	—	—	—	—	—
Lawyers and judges	36.90	6.3	39.0	39.46	4.9	41.0	33.87	10.5	36.9
11	32.80	7.7	40.3	—	—	—	—	—	—
Lawyers	36.38	6.5	39.1	39.46	4.9	41.0	—	—	—
11	32.80	7.7	40.3	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.33	7.8	37.0	21.66	8.5	37.7	15.94	2.5	28.0
7	18.06	8.3	39.7	—	—	—	—	—	—
8	25.73	12.2	37.9	—	—	—	—	—	—
9	21.34	2.8	38.7	21.34	2.8	38.8	—	—	—
11	31.24	5.2	38.0	31.24	5.2	38.0	—	—	—
12	35.08	7.6	38.8	35.08	7.6	38.8	—	—	—
Not able to be leveled	15.00	12.9	34.4	15.23	14.4	36.7	—	—	—
Technical writers	28.78	8.6	32.7	28.78	8.6	32.7	—	—	—
Designers	23.40	7.8	39.3	23.42	7.9	39.3	—	—	—
Editors and reporters	18.55	5.7	39.2	18.55	5.7	39.2	—	—	—
Public relations specialists	24.84	10.8	38.0	26.57	9.8	38.3	—	—	—
Athletes	19.01	19.9	24.8	—	—	—	—	—	—
Not able to be leveled	19.01	19.9	24.8	—	—	—	—	—	—
Professional, n.e.c.	25.24	13.6	36.5	25.24	13.6	36.5	—	—	—
Technical	17.87	2.8	36.2	17.94	3.1	36.5	16.98	6.1	32.1
3	11.57	5.4	29.8	11.99	4.8	31.6	—	—	—
4	13.64	2.8	34.0	13.43	3.0	34.8	14.96	3.5	29.9
5	15.74	3.1	33.5	15.61	3.2	33.4	18.14	4.8	37.4
6	16.29	2.2	36.9	16.18	2.2	36.9	—	—	—
7	18.95	4.2	38.5	19.12	4.6	38.5	—	—	—
8	18.26	3.2	38.0	18.42	3.4	38.8	—	—	—
9	24.80	2.3	39.1	24.86	2.3	39.1	—	—	—
11	35.92	21.8	36.6	37.95	26.4	36.4	—	—	—
Not able to be leveled	19.96	12.2	27.8	—	—	—	—	—	—
Clinical laboratory technologists and technicians	16.20	5.4	35.5	16.22	5.6	35.5	—	—	—
3	13.17	3.4	32.2	—	—	—	—	—	—
5	12.47	3.9	36.4	12.33	3.9	36.3	—	—	—
6	16.71	5.9	37.2	16.71	5.9	37.2	—	—	—
7	18.91	11.8	36.6	18.91	11.8	36.6	—	—	—
8	16.99	9.2	35.6	16.99	9.2	35.6	—	—	—
Radiological technicians	20.68	3.7	29.5	20.68	3.7	29.5	—	—	—
5	16.41	1.2	25.3	16.41	1.2	25.3	—	—	—
6	20.58	2.5	31.5	20.58	2.5	31.5	—	—	—
7	22.34	3.7	30.1	22.34	3.7	30.1	—	—	—
Licensed practical nurses	16.05	2.0	30.2	16.15	2.3	29.3	15.32	4.6	38.2
4	15.59	2.9	32.8	15.74	2.8	31.7	14.94	5.4	38.4
5	16.19	3.7	28.3	16.13	3.8	27.7	—	—	—
6	17.48	5.8	30.1	17.66	5.4	29.5	—	—	—
Health technologists and technicians, n.e.c.	14.60	4.1	34.7	14.41	4.3	36.7	15.99	12.0	24.9
3	10.51	4.9	26.6	—	—	—	—	—	—
4	12.20	4.8	34.3	11.80	3.4	37.8	—	—	—
5	13.48	11.2	36.9	12.47	9.6	36.8	—	—	—
6	15.45	7.2	35.2	—	—	—	—	—	—
7	18.18	2.4	36.8	18.18	2.4	36.8	—	—	—
8	16.60	4.2	33.8	16.96	3.6	37.9	—	—	—
Electrical and electronic technicians	18.44	3.5	39.7	18.53	3.9	40.1	—	—	—
6	16.36	3.6	39.4	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Electrical and electronic technicians—Continued									
7	\$19.01	1.8	39.9	\$19.01	1.8	39.9	—	—	—
8	18.86	4.8	39.1	19.87	4.1	40.0	—	—	—
Mechanical engineering technicians	22.05	4.8	40.0	22.05	4.8	40.0	—	—	—
Engineering technicians, n.e.c.	20.85	3.6	38.2	21.22	4.4	38.2	—	—	—
7	22.86	5.0	40.0	22.97	5.3	40.0	—	—	—
8	20.27	3.9	39.8	20.01	4.0	40.0	—	—	—
Drafters	17.04	4.2	40.0	17.04	4.2	40.0	—	—	—
Chemical technicians	15.44	6.5	40.0	15.44	6.5	40.0	—	—	—
Science technicians, n.e.c.	17.51	13.1	38.0	18.65	9.4	38.1	—	—	—
Computer programmers	23.70	6.7	39.1	23.70	6.7	39.1	—	—	—
Legal assistants	19.61	9.9	39.5	18.41	6.7	39.7	—	—	—
Technical and related, n.e.c.	17.82	8.2	37.5	17.86	8.7	39.7	—	—	—
Executive, administrative, and managerial	31.35	5.9	40.7	31.61	6.2	41.3	\$28.97	4.9	36.3
5	14.81	5.1	38.8	13.87	1.4	39.3	—	—	—
6	15.58	4.1	39.3	15.33	4.5	40.7	—	—	—
7	17.19	3.1	38.3	16.86	3.4	38.7	19.19	7.8	36.4
8	20.96	5.2	39.2	20.98	5.6	39.5	20.78	4.3	35.1
9	25.29	5.1	40.5	25.31	5.4	40.8	25.10	4.5	35.4
10	27.31	3.6	40.1	27.32	4.0	40.1	27.25	4.9	40.0
11	29.47	3.6	42.2	28.88	2.9	42.8	35.57	3.4	37.0
12	43.06	5.6	39.9	44.12	6.2	40.2	36.77	2.8	38.6
13	—	—	—	—	—	—	46.51	9.0	38.0
14	59.52	9.3	42.3	61.79	9.5	41.6	—	—	—
Not able to be leveled	33.13	10.9	38.2	34.87	12.3	43.2	25.89	6.9	25.9
Executives, administrators, and managers	35.61	4.3	41.2	35.91	4.5	41.8	32.80	5.1	36.2
6	16.76	7.7	43.9	16.76	7.7	43.9	—	—	—
7	17.67	4.2	35.8	17.79	4.8	35.6	17.28	15.8	36.4
8	23.23	5.5	40.6	23.36	5.4	40.7	—	—	—
9	26.15	5.7	40.5	26.16	6.0	40.9	25.92	4.7	33.7
10	28.31	4.1	40.4	28.63	4.7	40.5	27.31	5.1	40.0
11	29.66	4.4	42.4	29.00	3.5	43.1	35.82	3.4	36.9
12	43.92	6.0	40.1	45.31	6.7	40.4	36.77	2.8	38.6
13	—	—	—	—	—	—	46.51	9.0	38.0
14	59.57	9.3	42.3	61.86	9.5	41.6	—	—	—
Not able to be leveled	42.45	10.5	35.2	47.29	10.3	42.1	28.64	5.3	24.0
Legislators	25.83	4.8	19.1	—	—	—	25.83	4.8	19.1
Not able to be leveled	25.83	4.8	19.1	—	—	—	25.83	4.8	19.1
Administrators and officials, public administration	29.46	10.2	36.6	—	—	—	29.46	10.2	36.6
9	25.17	2.5	36.7	—	—	—	25.17	2.5	36.7
Financial managers	32.71	8.2	40.3	32.63	8.9	40.6	33.71	2.7	37.6
7	18.10	7.2	38.4	18.10	7.2	38.4	—	—	—
9	24.01	3.0	39.6	23.89	3.3	39.8	—	—	—
11	30.86	5.3	41.6	30.34	5.8	42.2	—	—	—
12	34.91	3.3	40.6	36.59	1.6	42.1	—	—	—
13	46.25	3.0	40.5	46.26	3.0	40.5	—	—	—
Personnel and labor relations managers	26.20	22.6	46.8	26.20	22.6	46.8	—	—	—
Purchasing managers									
12	36.81	4.9	42.7	36.81	4.9	42.7	—	—	—
Managers, marketing, advertising, and public relations	44.00	8.1	41.0	44.00	8.1	41.0	—	—	—
Administrators, education and related fields	33.72	7.1	37.3	30.59	10.1	38.2	36.60	5.3	36.5
9	25.02	7.5	28.9	23.11	2.0	30.8	—	—	—
10	30.51	17.0	39.0	—	—	—	—	—	—
11	31.90	10.0	39.0	—	—	—	40.06	5.4	36.6
12	41.56	7.2	38.2	41.91	8.6	39.2	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Managers, medicine and health									
11	\$31.49	7.0	39.8	\$31.64	9.1	39.8	—	—	—
12	34.04	7.7	39.5	33.04	7.5	39.5	—	—	—
Managers, food servicing and lodging establishments									
.....	20.64	9.4	45.6	20.64	9.4	45.6	—	—	—
Managers, service organizations, n.e.c.									
7	23.88	14.4	39.5	24.00	14.9	39.5	—	—	—
.....	14.85	6.0	38.4	—	—	—	—	—	—
Managers and administrators, n.e.c.									
7	43.25	9.8	42.2	43.52	9.8	42.4	\$36.16	9.4	37.8
.....	20.49	4.0	38.7	19.67	3.1	39.7	—	—	—
8	23.56	6.5	41.2	23.56	6.5	41.2	—	—	—
9	24.10	4.5	43.0	24.07	4.6	43.1	—	—	—
10	29.56	5.3	40.5	29.64	5.3	40.5	—	—	—
11	34.34	1.6	39.3	34.26	1.8	39.8	—	—	—
12	49.85	9.3	40.6	49.85	9.3	40.6	—	—	—
14	57.61	8.7	41.5	57.75	9.2	41.6	—	—	—
Management related									
.....	21.40	2.7	39.6	21.50	2.9	40.0	20.54	4.0	36.3
5	14.91	5.2	38.8	13.96	1.4	39.3	—	—	—
6	15.13	3.6	37.8	14.53	5.1	39.2	—	—	—
7	17.02	4.1	39.4	16.57	4.3	39.8	20.67	4.5	36.4
8	19.69	2.4	38.4	19.52	2.5	38.9	21.12	4.5	34.5
9	23.51	2.2	40.4	23.48	2.1	40.6	23.88	8.3	38.4
10	25.20	5.1	39.5	25.17	5.2	39.5	—	—	—
11	28.10	3.3	40.7	28.08	3.4	40.7	—	—	—
12	36.59	3.8	38.8	36.59	3.8	38.8	—	—	—
Not able to be leveled	21.42	6.7	42.8	21.87	7.4	44.3	—	—	—
Accountants and auditors									
.....	19.91	5.0	39.3	19.91	5.6	39.5	19.93	5.6	37.7
5	16.28	8.1	37.8	—	—	—	—	—	—
7	17.46	4.3	39.0	17.30	4.4	39.1	—	—	—
8	18.74	4.3	38.7	18.62	4.6	38.8	—	—	—
9	23.62	3.8	40.0	23.62	3.8	40.0	—	—	—
11	27.70	12.5	40.4	—	—	—	—	—	—
Not able to be leveled	19.06	11.7	44.8	19.06	11.7	44.8	—	—	—
Underwriters	24.97	7.6	38.8	24.97	7.6	38.8	—	—	—
Other financial officers									
.....	20.92	8.4	40.2	20.96	8.5	40.2	—	—	—
7	14.68	9.7	39.4	14.59	9.9	39.4	—	—	—
8	23.18	3.9	37.7	23.18	3.9	37.7	—	—	—
Management analysts									
.....	24.37	6.9	39.4	24.29	7.7	39.6	—	—	—
9	23.41	4.6	39.4	—	—	—	—	—	—
Personnel, training, and labor relations specialists									
.....	21.67	3.4	40.5	21.91	3.5	40.8	17.66	6.3	35.6
7	17.15	3.0	42.5	17.15	3.0	42.5	—	—	—
9	23.51	3.4	40.0	23.51	3.4	40.0	—	—	—
Buyers, wholesale and retail trade, except farm products									
.....	28.24	8.8	41.5	28.24	8.8	41.5	—	—	—
Purchasing agents and buyers, n.e.c.									
9	20.72	8.1	39.3	20.72	8.1	39.3	—	—	—
.....	22.45	6.8	40.0	22.45	6.8	40.0	—	—	—
Construction inspectors									
.....	20.72	20.2	32.1	—	—	—	—	—	—
Inspectors and compliance officers, except construction									
.....	22.95	6.1	39.3	—	—	—	—	—	—
Management related, n.e.c.									
.....	21.28	5.8	39.2	21.47	6.3	40.0	20.50	7.9	36.0
5	14.19	4.9	41.5	14.18	5.0	42.1	—	—	—
6	14.48	5.1	38.1	14.74	5.6	39.5	—	—	—
7	17.86	6.1	38.7	17.06	9.2	40.4	—	—	—
8	19.43	5.1	38.5	18.79	6.0	39.0	—	—	—
9	24.22	4.1	39.5	23.77	4.8	39.7	—	—	—
11	25.90	8.3	41.2	25.90	8.3	41.2	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales	\$11.20	7.1	28.6	\$11.16	7.1	28.6	\$16.82	5.7	35.8
1	6.46	3.7	17.8	6.46	3.7	17.8	—	—	—
2	6.78	1.8	26.2	6.78	1.8	26.2	—	—	—
3	8.60	7.9	26.8	8.39	7.9	26.6	18.42	5.4	37.2
4	10.54	4.0	37.1	10.54	4.0	37.1	—	—	—
6	17.84	9.2	39.4	17.90	9.3	39.4	—	—	—
7	22.31	5.1	40.3	22.52	5.3	40.3	—	—	—
8	22.67	14.1	41.4	22.67	14.1	41.4	—	—	—
9	25.37	4.6	40.2	25.37	4.6	40.2	—	—	—
10	28.21	8.7	42.2	28.21	8.7	42.2	—	—	—
11	38.93	13.3	40.3	38.93	13.3	40.3	—	—	—
12	53.89	15.0	40.0	53.89	15.0	40.0	—	—	—
Supervisors, sales	21.00	9.0	42.0	21.12	9.3	42.1	—	—	—
5	16.56	6.9	44.9	—	—	—	—	—	—
6	16.54	2.6	39.9	16.77	2.7	39.9	—	—	—
8	14.66	6.4	43.7	14.66	6.4	43.7	—	—	—
Securities and financial services sales	29.53	16.2	40.8	29.53	16.2	40.8	—	—	—
Advertising and related sales	21.87	13.1	40.0	21.87	13.1	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	22.23	19.3	41.0	22.23	19.3	41.0	—	—	—
Sales workers, motor vehicles and boats	23.88	15.1	42.8	23.88	15.1	42.8	—	—	—
Sales workers, apparel	7.37	2.1	25.7	7.37	2.1	25.7	—	—	—
Sales workers, other commodities	8.87	7.7	24.3	8.87	7.7	24.3	—	—	—
1	6.75	6.2	18.9	6.75	6.2	18.9	—	—	—
2	6.60	5.6	21.6	6.60	5.6	21.6	—	—	—
3	8.39	8.7	24.5	8.39	8.7	24.5	—	—	—
4	9.63	6.6	30.9	9.63	6.6	30.9	—	—	—
Sales counter clerks	10.15	13.2	29.6	10.15	13.2	29.6	—	—	—
Cashiers	6.96	2.4	25.0	6.80	1.9	24.8	16.63	6.4	35.0
1	6.31	4.2	17.2	6.31	4.2	17.2	—	—	—
3	8.08	13.6	32.9	7.21	9.3	32.6	18.45	5.4	37.2
Sales support, n.e.c.	21.58	16.8	39.1	21.58	16.8	39.1	—	—	—
Administrative support, including clerical	13.55	2.7	35.8	13.52	3.3	36.1	13.74	3.3	34.0
1	8.12	4.4	32.4	7.97	1.5	33.6	10.15	8.4	22.0
2	9.39	1.9	30.9	9.11	2.2	30.2	9.90	5.0	32.1
3	11.31	2.3	33.8	11.16	2.7	33.8	12.15	3.0	33.7
4	13.82	5.3	36.7	13.81	6.0	37.0	13.90	2.4	34.4
5	14.37	2.9	37.3	14.16	3.2	37.6	15.70	3.4	35.7
6	15.61	2.3	38.0	15.39	2.8	38.4	17.07	4.6	35.7
7	18.82	2.9	39.2	18.59	3.3	39.6	20.19	2.8	36.9
8	17.93	4.3	40.4	18.00	4.7	40.8	—	—	—
9	24.39	5.7	38.9	24.41	5.8	38.9	—	—	—
Not able to be leveled	15.20	3.7	38.7	15.51	5.8	38.7	—	—	—
Supervisors, general office	16.99	5.2	41.2	16.97	5.3	41.3	—	—	—
7	16.88	5.1	42.3	16.88	5.1	42.3	—	—	—
8	16.26	7.2	41.2	—	—	—	—	—	—
9	18.70	3.1	40.3	—	—	—	—	—	—
Supervisors, financial records processing	20.72	6.4	39.3	20.72	6.4	39.3	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	22.15	2.5	39.4	22.15	2.5	39.4	—	—	—
Computer operators	15.52	8.0	38.4	15.51	8.3	38.4	—	—	—
5	15.81	9.7	35.2	—	—	—	—	—	—
Secretaries	15.29	2.6	34.7	14.95	2.7	34.4	16.72	3.8	35.7
2	11.22	1.2	32.4	—	—	—	—	—	—
4	13.59	3.9	37.1	13.35	4.4	38.5	14.71	9.2	32.1
5	14.70	1.7	36.6	14.28	2.5	36.8	15.82	4.3	36.1
6	16.03	2.9	36.9	15.68	2.4	36.8	17.24	4.8	37.5
7	20.05	4.5	37.9	19.82	5.8	37.9	—	—	—
Typists	13.56	2.7	34.0	12.93	7.9	29.8	13.75	2.1	35.5
3	13.05	5.5	31.2	—	—	—	13.64	2.9	33.4

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Typists—Continued									
4	\$14.25	0.6	37.0	—	—	—	—	—	—
Interviewers	10.31	7.2	33.1	\$10.29	7.3	33.0	—	—	—
Transportation ticket and reservation agents	14.49	3.4	36.7	14.49	3.4	36.7	—	—	—
4	14.86	6.1	35.5	14.86	6.1	35.5	—	—	—
Receptionists	10.52	4.7	35.6	10.54	4.9	36.4	\$10.06	7.9	25.3
2	9.52	3.4	35.8	9.41	2.8	38.4	—	—	—
3	9.51	2.2	34.3	9.51	2.4	34.6	—	—	—
4	13.21	6.6	39.3	13.21	6.6	39.3	—	—	—
Information clerks, n.e.c.	13.16	12.8	37.8	12.42	15.0	37.6	—	—	—
3	11.22	8.6	37.2	—	—	—	—	—	—
Correspondence clerks	10.76	5.9	39.9	10.76	5.9	39.9	—	—	—
Order clerks	11.44	8.1	37.6	11.44	8.1	37.6	—	—	—
3	10.86	5.9	33.1	10.86	5.9	33.1	—	—	—
4	10.16	9.5	38.7	10.16	9.5	38.7	—	—	—
5	12.43	5.0	40.0	12.43	5.0	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	15.01	9.1	37.9	14.87	11.3	38.6	—	—	—
Library clerks	12.96	7.0	31.0	12.68	10.2	36.2	13.17	9.1	27.9
3	10.95	4.2	28.2	—	—	—	11.86	5.8	18.1
4	12.58	6.0	26.2	—	—	—	—	—	—
Records clerks, n.e.c.	12.10	4.4	37.9	12.00	4.9	38.4	14.39	1.5	29.2
2	9.18	8.7	36.0	9.18	8.7	36.0	—	—	—
3	10.16	5.2	37.9	10.14	5.2	38.0	—	—	—
4	12.60	3.1	39.9	12.60	3.1	39.9	—	—	—
Bookkeepers, accounting and auditing clerks	12.56	3.6	34.6	12.40	4.0	34.4	13.97	4.9	36.6
2	9.30	7.8	29.7	9.30	7.8	29.7	—	—	—
3	11.85	3.3	24.7	11.80	3.5	24.0	—	—	—
4	11.79	4.9	36.9	11.56	5.8	36.8	13.11	4.9	37.2
5	13.32	5.6	34.3	13.21	6.3	34.6	—	—	—
6	13.06	10.9	40.2	12.98	10.9	40.2	—	—	—
7	19.29	7.7	38.0	19.00	8.9	38.0	—	—	—
Payroll and timekeeping clerks	13.24	6.0	36.2	12.68	6.2	36.1	—	—	—
4	14.22	4.7	38.2	—	—	—	—	—	—
Billing clerks	11.61	4.8	36.9	11.61	4.8	36.9	—	—	—
3	11.08	5.2	38.0	11.08	5.2	38.0	—	—	—
4	10.84	6.5	36.1	10.84	6.5	36.1	—	—	—
Telephone operators	9.66	4.7	27.6	9.75	4.9	29.6	—	—	—
2	8.61	4.5	25.4	8.66	4.9	31.6	—	—	—
3	10.40	7.6	27.2	10.40	7.7	27.1	—	—	—
Mail clerks, except postal service	9.16	4.0	38.6	8.86	2.6	38.7	—	—	—
Dispatchers	13.82	1.9	36.6	12.43	1.7	40.2	15.77	5.9	32.5
4	12.43	2.3	37.6	—	—	—	13.77	6.0	29.8
5	15.12	5.8	40.4	—	—	—	—	—	—
Production coordinators	17.07	7.1	39.7	17.07	7.1	39.7	—	—	—
7	19.81	7.0	39.5	19.81	7.0	39.5	—	—	—
Traffic, shipping and receiving clerks	13.36	9.6	38.4	13.36	9.6	38.4	—	—	—
3	10.91	15.5	37.3	10.91	15.5	37.3	—	—	—
4	11.88	4.6	39.5	11.88	4.6	39.5	—	—	—
5	15.00	5.8	40.0	15.00	5.8	40.0	—	—	—
Stock and inventory clerks	12.49	6.9	37.2	12.16	6.4	37.2	16.92	10.0	36.7
3	10.83	2.6	36.4	10.81	2.6	36.3	—	—	—
4	14.81	7.8	39.8	14.74	8.7	40.0	—	—	—
5	15.90	4.7	39.1	15.21	2.8	40.0	—	—	—
Insurance adjusters, examiners, and investigators	16.44	5.0	37.5	16.44	5.0	37.5	—	—	—
3	11.35	2.1	39.3	11.35	2.1	39.3	—	—	—
5	14.58	5.7	36.6	14.58	5.7	36.6	—	—	—
6	16.26	3.3	37.3	16.26	3.3	37.3	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Insurance adjusters, examiners, and investigators—Continued									
7	\$17.90	3.4	38.8	\$17.90	3.4	38.8	—	—	—
9	22.63	3.2	37.8	22.63	3.2	37.8	—	—	—
Investigators and adjusters, except insurance									
3	14.17	4.4	37.5	14.24	4.6	37.8	—	—	—
4	10.53	6.5	38.0	10.53	6.5	38.0	—	—	—
5	13.27	5.6	38.5	13.27	5.6	38.5	—	—	—
6	14.78	6.0	37.0	14.78	6.0	37.0	—	—	—
Bill and account collectors									
2	15.65	6.8	40.0	15.65	6.8	40.0	—	—	—
3	14.60	5.5	39.6	14.60	5.5	39.6	—	—	—
General office clerks									
2	12.56	3.1	32.5	11.97	3.7	31.5	\$14.33	2.4	36.2
3	9.05	7.2	28.2	8.35	4.7	27.5	—	—	—
4	11.76	4.0	36.8	11.05	3.8	36.4	13.16	2.1	37.5
5	13.25	6.2	30.2	12.59	7.9	28.5	15.13	2.9	36.8
6	14.65	2.7	34.0	14.02	2.6	34.0	—	—	—
Bank tellers									
2	11.25	11.2	34.9	11.25	11.2	34.9	—	—	—
Data entry keyers									
2	11.49	7.3	35.8	11.31	8.6	35.7	—	—	—
3	8.86	2.4	37.7	8.86	2.4	37.7	—	—	—
3	11.71	8.7	35.6	—	—	—	—	—	—
Statistical clerks									
2	13.09	19.6	35.8	13.13	19.8	35.9	—	—	—
Teachers' aides									
2	10.25	4.5	33.2	11.45	13.5	35.1	10.24	4.6	33.2
3	9.16	3.6	34.1	—	—	—	9.16	3.6	34.2
3	10.28	3.1	33.2	—	—	—	10.30	3.1	33.2
4	12.09	2.0	33.1	—	—	—	12.02	2.1	33.0
Administrative support, n.e.c.									
3	12.92	5.0	37.8	12.45	4.8	38.2	17.11	3.7	34.8
4	10.61	1.4	38.0	10.61	1.4	38.0	—	—	—
6	13.30	5.3	35.2	13.39	6.6	34.7	—	—	—
7	17.11	11.4	36.1	—	—	—	—	—	—
7	20.04	5.6	39.2	—	—	—	—	—	—
Blue collar									
1	13.59	3.0	37.7	13.45	3.2	37.6	16.91	2.5	39.4
2	8.67	8.4	30.7	8.64	8.4	30.6	11.34	11.7	32.4
3	10.07	4.7	36.7	10.05	4.8	36.7	10.81	5.5	39.1
4	13.31	10.6	37.5	13.30	10.7	37.4	13.95	6.4	39.8
5	11.50	9.4	40.5	11.41	9.6	40.6	14.16	5.5	39.5
6	15.02	4.7	37.7	14.92	4.9	37.6	17.34	4.9	39.6
7	16.35	3.8	39.8	16.29	4.1	39.8	17.12	6.1	39.9
8	18.57	2.1	39.8	18.42	2.3	39.8	19.62	3.8	39.8
9	22.04	2.2	40.1	21.99	2.3	40.1	—	—	—
9	23.81	9.7	41.1	24.15	10.2	41.2	—	—	—
Precision production, craft, and repair									
1	16.23	4.1	38.9	16.11	4.2	38.8	18.09	3.6	39.9
2	11.86	7.7	39.6	11.86	7.7	39.6	—	—	—
3	10.65	9.4	40.0	10.87	10.1	40.0	—	—	—
4	10.37	9.1	40.0	10.27	9.6	40.0	—	—	—
5	—	—	—	—	—	—	13.91	5.2	39.7
6	14.58	6.5	36.6	14.53	6.7	36.5	16.01	6.6	40.0
7	16.08	4.6	40.0	16.02	4.8	40.0	18.44	6.6	39.5
8	18.64	2.5	40.1	18.43	2.8	40.1	20.15	4.4	40.0
9	22.34	2.1	40.1	22.30	2.2	40.1	—	—	—
9	23.63	10.1	41.2	23.96	10.5	41.2	—	—	—
Supervisors, mechanics and repairers									
7	15.61	7.1	40.8	15.44	6.7	40.9	—	—	—
Automobile mechanics									
7	17.80	5.7	39.5	17.18	6.4	39.4	—	—	—
7	18.13	6.8	39.4	17.22	7.4	39.3	—	—	—
Bus, truck, and stationary engine mechanics									
7	16.18	7.3	40.2	15.90	7.3	40.2	—	—	—
7	17.40	13.6	40.0	17.06	14.0	40.0	—	—	—
Industrial machinery repairers									
4	16.06	3.4	39.9	16.06	3.4	39.9	—	—	—
4	13.59	.6	39.6	13.59	.6	39.6	—	—	—
7	17.29	4.8	39.7	17.29	4.8	39.7	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Electronic repairers, communications and industrial equipment	\$20.65	7.6	36.4	\$22.98	7.3	35.4	—	—	—
Heating, air conditioning, and refrigeration mechanics									
7	19.18	4.0	40.0	19.29	4.2	40.0	—	—	—
Mechanics and repairers, n.e.c.	—	—	—	—	—	—	\$17.58	10.1	39.8
7	20.46	5.3	39.9	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	18.40	6.6	41.4	—	—	—	—	—	—
Carpenters	16.56	4.0	39.9	16.44	4.1	39.9	—	—	—
7	17.39	3.4	40.0	17.31	3.6	40.0	—	—	—
Electricians	22.76	11.4	40.0	23.62	12.9	40.0	19.79	7.5	40.0
7	18.64	3.8	40.0	17.66	2.9	40.0	19.79	7.5	40.0
Electrical power installers and repairers	25.29	1.4	40.0	25.41	1.6	40.0	—	—	—
7	25.14	3.2	40.0	25.31	4.2	40.0	—	—	—
Painters, construction and maintenance	15.59	4.5	40.0	—	—	—	16.21	5.8	40.0
Plumbers, pipefitters and steamfitters	17.81	3.9	40.0	—	—	—	—	—	—
7	21.76	7.4	40.0	—	—	—	—	—	—
Construction trades, n.e.c.	13.14	7.3	39.9	—	—	—	11.89	9.7	39.9
4	13.69	9.0	39.9	—	—	—	—	—	—
Supervisors, production	18.49	2.5	41.5	18.49	2.5	41.5	—	—	—
7	18.37	3.5	41.7	18.37	3.5	41.7	—	—	—
9	20.06	9.9	42.8	20.06	9.9	42.8	—	—	—
Tool and die makers									
7	17.26	4.7	40.0	17.26	4.7	40.0	—	—	—
Machinists	18.49	3.4	39.8	18.49	3.4	39.8	—	—	—
7	18.24	5.5	39.6	18.24	5.5	39.6	—	—	—
8	20.85	2.4	40.0	20.85	2.4	40.0	—	—	—
Sheet metal workers									
7	16.86	7.9	40.0	16.86	7.9	40.0	—	—	—
Electrical and electronic equipment assemblers									
5	13.98	6.2	40.0	13.98	6.2	40.0	—	—	—
Butchers and meat cutters	12.30	16.0	37.9	12.30	16.0	37.9	—	—	—
7	18.81	5.4	34.6	18.81	5.4	34.6	—	—	—
Inspectors, testers, and graders	15.19	7.2	39.9	15.20	7.2	40.0	—	—	—
4	16.53	9.7	40.0	16.53	9.7	40.0	—	—	—
Water and sewer treatment plant operators	18.04	3.6	40.0	—	—	—	18.33	5.2	40.0
Machine operators, assemblers, and inspectors	11.30	2.9	38.7	11.22	2.9	38.7	16.67	8.2	39.0
1	8.20	7.1	33.9	8.20	7.1	34.0	—	—	—
2	9.92	3.4	39.6	9.91	3.5	39.6	—	—	—
3	10.92	4.3	39.9	10.92	4.3	39.9	—	—	—
4	11.81	2.6	40.0	11.80	2.6	40.0	—	—	—
5	14.27	2.4	40.0	14.27	2.4	40.0	—	—	—
6	14.91	1.8	39.0	14.93	2.0	39.0	—	—	—
7	17.67	2.4	39.7	17.56	1.7	39.8	—	—	—
Lathe and turning machine operators	16.72	3.8	40.0	16.72	3.8	40.0	—	—	—
Punching and stamping press operators	11.08	5.9	39.4	11.08	5.9	39.4	—	—	—
Grinding, abrading, buffing, and polishing machine operators	8.64	9.9	40.0	8.64	9.9	40.0	—	—	—
Numerical control machine operators	13.99	4.9	40.0	13.99	4.9	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.46	3.7	40.0	13.46	3.7	40.0	—	—	—
4	12.45	14.0	40.0	12.45	14.0	40.0	—	—	—
Molding and casting machine operators	11.72	7.9	39.9	11.72	7.9	39.9	—	—	—
3	11.75	11.4	40.0	11.75	11.4	40.0	—	—	—
Metal plating machine operators	12.49	7.2	41.4	12.49	7.2	41.4	—	—	—
Heat treating equipment operators	14.06	8.8	40.0	14.06	8.8	40.0	—	—	—
Printing press operators	14.77	5.2	38.4	14.77	5.2	38.4	—	—	—
7	17.38	3.8	39.8	17.38	3.8	39.8	—	—	—
Photoengravers and lithographers	14.76	12.4	39.7	14.76	12.4	39.7	—	—	—
Winding and twisting machine operators	10.52	.8	39.8	10.52	.8	39.8	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar —Continued									
Machine operators, assemblers, and inspectors —Continued									
Winding and twisting machine operators —Continued									
3	\$11.13	0.0	39.8	\$11.13	0.0	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	10.62	2.5	39.6	10.62	2.5	39.6	—	—	—
Laundrying and dry cleaning machine operators	8.14	7.8	32.3	7.91	7.1	31.8	—	—	—
1	7.88	7.8	34.0	7.88	7.8	34.0	—	—	—
Packaging and filling machine operators	10.63	7.4	39.9	10.63	7.4	39.9	—	—	—
3	12.43	5.3	40.0	12.43	5.3	40.0	—	—	—
Extruding and forming machine operators	10.65	10.0	39.1	10.65	10.0	39.1	—	—	—
3	12.68	6.4	40.0	12.68	6.4	40.0	—	—	—
Mixing and blending machine operators	12.20	13.2	40.0	12.20	13.2	40.0	—	—	—
Separating, filtering, and clarifying machine operators	16.89	2.8	40.0	16.89	2.8	40.0	—	—	—
Compressing and compacting machine operators	11.29	10.3	33.9	11.29	10.3	33.9	—	—	—
Painting and paint spraying machine operators	11.51	3.5	40.0	11.51	3.5	40.0	—	—	—
Slicing and cutting machine operators	9.64	8.6	40.0	9.64	8.6	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	10.61	5.1	38.7	10.48	4.8	38.8	—	—	—
1	7.99	12.6	34.6	7.99	12.6	34.7	—	—	—
2	9.38	3.9	40.0	9.38	3.9	40.0	—	—	—
3	10.58	4.8	39.8	10.58	4.8	39.8	—	—	—
4	11.83	3.1	40.0	11.83	3.1	40.0	—	—	—
5	13.39	4.6	40.0	13.39	4.6	40.0	—	—	—
6	13.80	7.4	40.0	13.80	7.4	40.0	—	—	—
Welders and cutters	16.01	5.1	40.0	15.86	7.6	40.0	—	—	—
5	16.39	6.1	40.0	16.39	6.1	40.0	—	—	—
Assemblers	10.65	9.3	34.7	10.65	9.3	34.7	—	—	—
1	7.52	7.4	24.4	7.52	7.4	24.4	—	—	—
2	10.28	10.2	40.0	10.28	10.2	40.0	—	—	—
3	10.13	3.4	40.0	10.13	3.4	40.0	—	—	—
4	11.39	6.9	40.0	11.39	6.9	40.0	—	—	—
Miscellaneous hand working, n.e.c.	8.50	6.6	40.4	8.50	6.6	40.4	—	—	—
1	7.39	5.8	40.0	7.39	5.8	40.0	—	—	—
Production inspectors, checkers and examiners	12.17	5.4	39.9	12.17	5.4	39.9	—	—	—
3	10.43	6.7	39.8	10.43	6.7	39.8	—	—	—
5	13.48	11.2	39.4	13.48	11.2	39.4	—	—	—
Production testers	12.07	2.9	40.0	12.07	2.9	40.0	—	—	—
Transportation and material moving	13.53	13.6	37.0	13.38	14.3	36.9	\$17.45	3.7	38.3
2	9.39	8.8	32.4	9.23	8.2	32.2	—	—	—
4	10.50	16.4	41.5	10.42	16.3	41.5	16.79	8.2	38.2
5	18.59	7.7	41.9	18.40	8.8	42.3	19.87	4.5	38.8
6	20.23	10.2	40.0	21.10	11.5	40.0	17.55	8.1	40.0
7	18.59	13.4	41.9	18.59	13.4	41.9	—	—	—
Truck drivers	12.97	19.2	36.7	12.96	19.3	36.7	13.93	9.4	36.8
5	19.85	8.7	39.7	19.85	8.7	39.7	—	—	—
6	21.98	12.6	40.0	22.01	12.8	40.0	—	—	—
Bus drivers	15.08	5.0	32.0	13.85	7.7	30.9	—	—	—
Supervisors, material moving equipment	15.98	5.9	44.3	15.98	5.9	44.3	—	—	—
Excavating and loading machine operators	18.57	18.0	40.0	18.39	19.1	40.0	—	—	—
Industrial truck and tractor equipment operators	13.77	4.5	39.4	13.76	4.6	39.3	—	—	—
3	12.09	10.8	39.6	12.09	10.8	39.6	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.23	8.6	40.0	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.37	3.6	34.3	11.23	3.9	34.0	13.74	3.4	39.4
1	8.87	13.2	29.7	8.80	13.6	29.6	12.00	10.0	36.1

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
2	\$10.39	10.9	33.5	\$10.38	11.1	33.5	—	—	—
3	12.67	6.3	38.4	12.58	6.6	38.4	\$15.17	8.6	39.7
4	13.18	5.2	39.2	13.10	6.4	39.0	13.49	6.4	39.8
5	14.64	5.0	39.0	14.58	5.7	38.9	—	—	—
7	20.35	7.6	34.3	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...	10.93	9.9	32.4	10.62	11.1	31.3	—	—	—
3	11.47	2.3	29.0	11.37	2.5	27.6	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.20	1.2	39.5	—	—	—	—	—	—
Construction laborers	16.11	11.1	38.9	17.06	14.0	38.5	13.40	4.2	40.0
3	12.88	7.7	40.0	—	—	—	—	—	—
4	14.27	7.1	40.0	—	—	—	12.89	4.8	40.0
Production helpers	9.02	22.0	39.6	9.02	22.0	39.6	—	—	—
Stock handlers and baggers	9.07	3.2	28.4	9.07	3.2	28.4	—	—	—
1	7.87	4.9	23.8	7.87	4.9	23.8	—	—	—
2	7.60	5.6	25.7	7.60	5.6	25.7	—	—	—
3	9.60	8.4	35.8	9.60	8.4	35.8	—	—	—
4	12.50	6.2	40.0	12.50	6.2	40.0	—	—	—
Machine feeders and offbearers	8.36	12.6	36.0	8.36	12.6	36.0	—	—	—
Freight, stock, and material handlers, n.e.c.	12.20	5.4	32.8	12.20	5.4	32.8	—	—	—
1	8.72	4.4	28.6	8.72	4.4	28.6	—	—	—
2	11.74	7.1	31.0	11.74	7.1	31.0	—	—	—
3	11.76	7.9	36.5	11.76	7.9	36.5	—	—	—
4	14.18	5.2	38.3	14.18	5.2	38.3	—	—	—
Hand packers and packagers	8.42	3.3	31.6	8.42	3.3	31.6	—	—	—
1	7.54	5.2	27.5	7.54	5.2	27.5	—	—	—
2	7.89	4.4	39.9	7.89	4.4	39.9	—	—	—
Laborers, except construction, n.e.c.	11.82	4.4	36.8	11.60	5.0	36.7	14.38	10.0	37.5
1	7.65	8.4	30.7	7.41	8.7	30.5	—	—	—
2	8.95	8.7	27.6	8.95	8.7	27.6	—	—	—
4	12.50	12.0	38.6	12.12	12.5	38.6	—	—	—
Service	9.99	2.9	29.0	8.45	2.5	27.5	15.82	2.5	36.7
1	7.38	3.4	25.0	7.15	3.1	24.8	10.35	4.9	27.5
2	8.18	4.1	29.2	7.43	5.4	28.0	11.53	2.4	35.9
3	8.91	5.2	28.4	8.59	4.8	27.7	11.88	3.0	35.7
4	10.12	6.4	29.5	9.67	6.6	29.2	13.26	3.7	31.5
5	15.89	3.7	37.1	12.76	7.9	34.5	17.72	3.5	38.8
6	16.40	4.6	38.6	13.29	4.6	37.2	19.27	4.3	40.1
7	19.27	3.2	40.4	16.28	7.8	38.4	20.33	2.3	41.1
8	19.07	4.8	42.1	19.30	6.3	43.7	18.87	6.1	40.7
9	24.21	5.7	39.8	—	—	—	24.38	6.1	39.8
10	25.98	12.7	40.4	—	—	—	25.98	12.7	40.4
Protective service	15.43	4.6	35.9	9.25	4.1	32.9	18.68	1.8	37.7
1	7.58	5.5	32.5	7.49	6.6	34.6	8.42	17.6	20.3
2	8.57	3.6	27.7	8.25	3.9	35.4	—	—	—
3	9.03	3.6	30.2	8.86	3.3	30.4	9.97	6.2	29.1
4	12.93	4.9	31.9	—	—	—	13.67	5.7	29.3
5	17.84	3.2	38.8	13.25	10.3	40.0	18.28	2.9	38.7
6	19.17	4.1	40.1	—	—	—	19.27	4.3	40.1
7	20.29	2.2	41.1	—	—	—	20.30	2.3	41.2
8	19.16	5.6	40.6	—	—	—	18.87	6.1	40.7
9	23.37	5.8	39.7	—	—	—	23.37	5.8	39.7
10	25.98	12.7	40.4	—	—	—	25.98	12.7	40.4
Supervisors, firefighters and fire prevention	22.15	3.3	41.9	—	—	—	22.15	3.3	41.9
Supervisors, police and detectives	25.26	11.3	39.6	—	—	—	25.26	11.3	39.6
Supervisors, guards	16.30	3.1	38.3	—	—	—	—	—	—
Firefighting	18.61	2.8	42.6	—	—	—	18.61	2.8	42.6

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Firefighting—Continued									
5	\$18.96	5.2	41.8	—	—	—	\$18.96	5.2	41.8
6	18.68	5.5	41.7	—	—	—	18.68	5.5	41.7
7	18.83	3.3	44.4	—	—	—	18.83	3.3	44.4
Police and detectives, public service	18.92	2.1	38.5	—	—	—	18.92	2.1	38.5
5	18.42	5.3	37.7	—	—	—	18.42	5.3	37.7
6	19.40	6.5	39.3	—	—	—	19.40	6.5	39.3
7	20.15	1.8	39.9	—	—	—	20.15	1.8	39.9
Sheriffs, bailiffs, and other law enforcement officers	17.11	8.8	39.2	—	—	—	17.11	8.8	39.2
Crossing guards	10.24	7.3	15.3	—	—	—	10.24	7.3	15.3
Guards and police, except public service	9.37	3.6	33.5	\$9.06	3.6	33.1	13.09	10.7	39.4
1	7.49	6.6	34.6	7.49	6.6	34.6	—	—	—
2	8.69	2.9	34.5	—	—	—	—	—	—
3	9.08	4.1	31.7	8.87	3.4	31.2	—	—	—
5	13.18	8.8	40.0	11.89	6.9	40.0	—	—	—
Protective service, n.e.c.	8.02	13.6	18.7	—	—	—	8.01	15.1	22.6
3	8.96	11.4	9.0	—	—	—	—	—	—
Food service	7.41	3.7	25.6	7.27	3.8	25.5	11.31	2.8	26.7
1	6.74	4.5	20.4	6.72	4.4	20.7	7.80	9.1	12.3
2	6.03	6.3	26.1	5.86	6.7	25.9	10.67	6.3	32.4
3	7.24	5.0	28.1	7.16	4.9	28.0	—	—	—
4	8.21	15.2	30.6	7.95	15.8	30.4	—	—	—
5	11.89	3.9	32.0	11.86	4.0	31.9	—	—	—
7	14.49	4.7	44.1	14.49	4.7	44.1	—	—	—
8	18.92	7.1	44.5	18.92	7.1	44.5	—	—	—
Waiters, waitresses, and bartenders	4.42	6.5	24.8	4.42	6.5	24.8	—	—	—
1	3.90	9.0	19.1	3.90	9.0	19.1	—	—	—
2	4.52	13.4	28.4	4.52	13.4	28.4	—	—	—
3	4.37	16.3	23.4	4.37	16.3	23.4	—	—	—
Bartenders	5.83	8.1	33.5	5.83	8.1	33.5	—	—	—
3	7.71	9.0	25.5	7.71	9.0	25.5	—	—	—
Waiters and waitresses	3.66	10.2	23.5	3.66	10.2	23.5	—	—	—
1	3.27	12.6	23.0	3.27	12.6	23.0	—	—	—
2	3.82	21.1	23.9	3.82	21.1	23.9	—	—	—
3	3.60	14.9	23.2	3.60	14.9	23.2	—	—	—
Waiters/Waitresses' assistants	5.21	7.9	16.3	5.21	7.9	16.3	—	—	—
1	5.21	10.6	14.1	5.21	10.6	14.1	—	—	—
Other food service	8.65	5.9	25.9	8.52	6.2	25.9	11.31	2.8	26.7
1	7.39	1.9	20.7	7.38	1.9	21.1	7.80	9.1	12.3
2	7.34	5.6	24.3	7.10	4.3	23.9	10.67	6.3	32.4
3	8.42	6.2	30.6	8.35	6.3	30.6	—	—	—
4	10.66	3.7	30.6	10.48	4.0	30.1	—	—	—
5	11.78	4.0	34.3	11.74	4.1	34.2	—	—	—
7	14.49	4.7	44.1	14.49	4.7	44.1	—	—	—
8	18.92	7.1	44.5	18.92	7.1	44.5	—	—	—
Supervisors, food preparation and service	14.42	5.5	39.6	14.42	5.6	39.6	—	—	—
7	14.34	5.0	44.6	14.34	5.0	44.6	—	—	—
Cooks	9.14	6.0	30.8	8.87	7.1	30.5	12.60	7.3	36.8
2	9.12	5.6	27.1	—	—	—	—	—	—
3	8.39	6.6	30.1	8.30	6.6	30.0	—	—	—
4	10.67	3.7	33.4	10.58	4.4	33.3	—	—	—
Food counter, fountain, and related	8.01	5.8	23.9	7.98	5.8	23.8	—	—	—
1	7.14	6.2	22.9	7.13	6.3	22.8	—	—	—
Kitchen workers, food preparation	7.68	4.7	27.2	7.65	4.7	27.9	—	—	—
1	6.66	3.1	20.4	—	—	—	—	—	—
2	7.73	3.9	27.0	7.60	4.3	27.7	—	—	—
3	7.24	10.4	39.0	7.24	10.4	39.0	—	—	—
Food preparation, n.e.c.	7.42	2.7	21.8	7.30	2.4	21.9	9.84	7.8	20.7
1	7.52	1.7	20.2	7.51	1.7	20.6	7.78	9.7	12.4
2	6.94	5.3	23.8	6.72	3.2	23.5	11.34	8.7	33.7

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² New England: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1999–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Food service—Continued									
Other food service—Continued									
Food preparation, n.e.c.—Continued									
3	\$9.28	6.8	30.0	\$9.27	7.0	29.8	—	—	—
Health service	10.31	3.0	30.1	10.02	2.9	28.7	\$11.63	1.2	38.6
1	8.85	3.5	21.1	8.91	3.2	20.5	—	—	—
2	10.35	3.7	32.6	9.84	4.6	30.1	11.41	.7	39.2
3	10.47	2.9	30.8	10.13	3.0	29.7	12.17	3.7	37.8
4	10.01	5.3	27.2	9.97	5.4	27.0	11.20	2.8	35.6
5	11.11	6.8	37.7	10.72	8.3	37.1	—	—	—
6	11.11	6.3	33.9	11.11	6.3	33.9	—	—	—
Health aides, except nursing	9.55	4.9	23.6	9.42	4.6	23.2	—	—	—
1	8.91	2.9	20.2	8.91	2.9	20.2	—	—	—
2	9.46	3.2	24.3	9.46	3.2	24.3	—	—	—
3	9.33	6.1	30.1	9.16	6.1	30.9	—	—	—
5	11.55	5.2	37.8	11.15	5.6	37.1	—	—	—
Nursing aides, orderlies and attendants	10.45	2.2	32.3	10.14	2.2	30.8	11.62	1.1	39.0
2	10.40	3.7	33.3	9.88	4.9	30.8	11.41	.7	39.2
3	10.57	2.8	30.8	10.21	2.9	29.6	12.34	3.6	39.3
4	10.34	1.8	33.2	10.30	1.9	33.1	11.20	2.8	35.6
Cleaning and building service	10.07	4.0	33.1	9.26	4.3	31.9	12.90	4.6	38.2
1	8.12	5.4	29.5	7.66	3.8	28.6	11.18	5.8	38.3
2	10.43	5.9	37.0	9.27	5.0	35.9	12.53	5.0	39.0
3	11.99	4.9	39.4	11.89	6.0	39.3	12.38	4.4	40.0
4	14.52	4.5	35.7	14.56	7.4	39.3	—	—	—
5	13.58	5.3	40.2	—	—	—	—	—	—
Supervisors, cleaning and building service workers	17.84	10.2	39.4	16.02	5.8	39.1	—	—	—
Maids and housemen	7.40	5.3	31.7	7.37	5.1	31.6	—	—	—
1	6.96	3.9	31.3	6.94	3.6	31.2	—	—	—
2	9.55	5.6	33.3	9.54	6.1	32.9	—	—	—
Janitors and cleaners	10.58	2.9	33.3	9.85	3.6	31.7	12.37	3.1	38.1
1	9.00	2.8	28.3	8.35	2.9	26.4	11.26	6.2	38.3
2	10.54	6.4	37.5	9.22	5.6	36.6	12.59	5.0	38.9
3	12.11	5.3	39.8	12.02	6.7	39.8	12.41	4.4	40.0
4	14.26	5.0	34.9	14.06	9.0	39.1	—	—	—
5	13.21	5.5	40.2	—	—	—	—	—	—
Personal service	8.80	3.9	25.1	8.48	5.0	24.9	12.92	6.6	29.0
1	—	—	—	—	—	—	10.69	14.8	21.4
2	7.48	7.9	25.1	7.46	8.4	25.3	—	—	—
4	9.68	7.2	31.8	9.31	4.8	33.1	—	—	—
5	17.35	27.7	28.4	17.20	33.1	27.5	—	—	—
6	13.05	4.4	31.7	13.05	4.4	31.7	—	—	—
Supervisors, personal service	13.50	7.4	37.4	12.67	4.1	37.2	—	—	—
Public transportation attendants	24.51	32.5	19.6	—	—	—	—	—	—
Welfare service aides	10.91	5.5	21.8	10.39	7.7	20.2	—	—	—
2	9.33	8.4	23.7	9.33	8.4	23.7	—	—	—
3	11.23	8.6	24.0	10.04	7.7	20.5	—	—	—
Child care workers, n.e.c.	8.97	13.8	28.7	8.21	10.7	29.1	12.97	11.6	27.0
1	9.77	29.1	17.7	—	—	—	—	—	—
4	10.63	3.7	32.0	10.58	4.0	31.3	—	—	—
Service, n.e.c.	—	—	—	—	—	—	11.52	11.6	24.0
2	7.69	10.1	25.4	7.62	12.7	27.0	—	—	—
4	9.25	6.6	25.1	—	—	—	—	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See the Technical Note 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, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

⁴ In this census division, collection was conducted between May 1999 and April 2000. The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

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 Technical Note.

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

TABLE A. Number of workers¹ represented by the survey, by occupational group,² New England, National Compensation Survey,³ 1999

Occupational group	All industries	Private industry	State and local government
All	4,368,500	3,791,900	576,600
All, excluding sales	3,843,900	3,270,300	573,500
White collar	2,539,100	2,130,600	408,500
White collar, excluding sales	2,014,400	1,609,000	405,400
Professional specialty and technical	884,400	648,000	236,400
Professional specialty occupations	741,900	517,100	224,900
Technical occupations	142,500	130,900	11,600
Executive, administrative, and managerial	444,100	393,900	50,200
Sales	524,600	521,600	3,000
Administrative support, including clerical	685,900	567,200	118,800
Blue collar	1,097,100	1,054,200	42,900
Precision production, craft, and repair	395,600	373,800	21,800
Machine operators, assemblers, and inspectors	288,800	284,600	4,200
Transportation and material moving	214,500	206,900	7,600
Handlers, equipment cleaners, helpers, and laborers	198,300	188,900	9,300
Service	732,300	607,100	125,200

¹ 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 with other statistical series to measure employment trends or levels. Both full-time and part-time workers were included in the survey.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

³ In this census division, collection was conducted between May 1999 and April 2000. The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

TABLE B. Number of establishments studied by industry group and establishment employment size, New England, National Compensation Survey,¹ 1999

Industry division	Number of establishments studied						
	Total	1 to 99 workers ²	100 to 499 workers	500 to 999 workers	1000 to 2,499 workers	2,500 to 4,999 workers	5,000 or more workers
All	988	313	411	119	86	35	24
Private Industry	869	297	358	96	73	25	20
Goods-producing industries	227	74	94	34	18	5	2
Mining	3	2	1	—	—	—	—
Construction	33	22	9	—	2	—	—
Manufacturing	191	50	84	34	16	5	2
Durable goods	140	31	61	28	13	5	2
Nondurable goods	51	19	23	6	3	—	—
Service-producing industries	642	223	264	62	55	20	18
Transportation and utilities	48	18	17	5	7	1	—
Wholesale trade	40	23	13	3	1	—	—
Retail trade	143	67	67	4	4	1	—
Finance, insurance and real estate	85	29	30	9	8	1	8
Services	326	86	137	41	35	17	10
State and local government	119	16	53	23	13	10	4

¹ In this census division, collection was conducted between May 1999 and April 2000. The average reference period was October 1999. For the first time, estimates include workers in private establishments employing fewer than 50 workers.

² Estimates include private establishments employing 1 to 99 workers and State and

local government establishments employing 50 to 99 workers.

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

Technical Note

The data in these tables are based on the National Compensation Survey (NCS) conducted by the Bureau of Labor Statistics throughout the year. The surveys are locality-based and cover establishments in private industry and State and local governments. Bulletins are issued for individual localities, when sufficient data meet publication standards. Agriculture, private households, and the Federal Government are excluded from the scope of the survey.

Survey scope. In the New England census division, the NCS studied 988 establishments representing 4,368,500 workers within the scope of the survey. Beginning with the 1999 NCS, private sector establishments with 1 or more workers are included in the survey. State and local governments with 50 or more workers also are included. The number of workers represented by the survey is shown in table A and the number of establishments is shown in table B. 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 industry, an establishment is usually at a single physical location. For State and local government, an establishment is defined as all locations of a government entity.

Sampling frame. The list of establishments from which the survey sample was selected (sampling frame) was developed from the State unemployment insurance reports. The reference month for the public sector is June 1994. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The reference month for the private sector varied by area.

Sample design and data collection. The sample for this survey was selected using a three-stage design. The first stage consisted of the selection of areas. The nationwide NCS sample consists of 154 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas and the remaining portions of the 50 States. Metropolitan areas are designated Metropolitan Statistical Areas (MSAs) or Consolidated Metropolitan Statistical Areas (CMSAs), as defined in 1994 by the U.S. Office of Management and Budget. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

The NCS locality areas that contribute to the New England census division are:

Boston-Worcester-Lawrence, MA-NH-ME-CT, CMSA
Cheshire County, NH

Grafton County, NH
Hartford, CT, MSA
Orange County, VT
Providence-Fall River-Warwick, RI-MA,
MSA
Springfield, MA, MSA

In the second stage, the sample of establishments was drawn by first stratifying the sampling frame by ownership and industry. 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 the establishment's chance of selection. Weights were applied to each establishment when the data were tabulated so that the establishment represents similar units (by industry and employment size) in the economy which were not selected for collection.

The third stage of sample selection was a probability sample of occupations within a sampled establishment. In New England, collection was conducted between May 1999 and April 2000, with an average reference period of October 1999.

Occupational selection and classification. Identification of the occupations for which wage data were collected was a four-step process:

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

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

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment. As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

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

In step three, certain other job characteristics of the chosen workers 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 or a nonunion job.

The fourth step in the job classification procedure was to determine the work level of each of the establishment's selected jobs, using a *generic leveling* process. This process, involving discussions between the Bureau's field economist and the respondent, ranks and compares all selected establishment occupations using 10 leveling factors. For more information on generic leveling and an example of how to use the criteria for leveling a job, see appendix C and appendix D at <http://www.bls.gov/compub.htm> or any of our published NCS locality bulletins. The above website also has a link to the NCS job descriptions.

Data reliability. The data in these tables 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. Tables in this bulletin provide RSE data for indicated series.

The relative standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose the mean hourly earnings for all workers was \$15.09 per hour with a relative standard error of 0.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$15.24 to \$14.94 ($\$15.09 \times 1.645 \times 0.006 = \0.149 , rounded to \$0.15); ($\$15.09 + \$0.15 = \15.24; $\$15.09 - \$0.15 = \$14.94$). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although nonsampling errors were not specifically measured, efforts were made to minimize them through the extensive training of field economists who gathered survey data by personal visit, computer editing of the data, and detailed data review.

Census area divisions. Data are tabulated by census divisions defined as follows: **New England** - Connecticut, Massachusetts, New Hampshire, Maine, Vermont, and Rhode Island; **Middle Atlantic** - New Jersey, New York, and Pennsylvania; **East North Central** - Illinois, Indiana, Michigan, Ohio, and Wisconsin; **West North Central** - Iowa, Kansas, Minnesota, Missouri, North Dakota, South Dakota, and Nebraska; **South Atlantic** - Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; **East South Central** - Alabama, Kentucky, Mississippi, and Tennessee; **West South Central** - Arkansas, Louisiana, Oklahoma, and Texas; **Mountain** - Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; and **Pacific** - Washington, Oregon, California, Hawaii, and Alaska. Some census divisions include Consolidated Metropolitan Statistical Areas (CMSAs) and Metropolitan Statistical Areas (MSAs) that cross State lines.