

Occupational Compensation Survey: Pay Only

**Boston-Worcester-Lawrence,
MA-NH-ME-CT, Consolidated
Metropolitan Area,
June 1996**



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-29

Preface

This bulletin provides results of a June 1996 survey of occupational pay in the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in Boston, under the direction of John E. Barry, Assistant Regional Commissioner for Operations.

The survey could not have been conducted without the cooperation of the many private firms and government jurisdictions that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

For additional information regarding this survey or similar surveys conducted in this regional area, please contact the BLS Boston Regional Office at (617) 565-2327. You may also write to the Bureau of Labor Statistics at: Office of Compensation Levels and Trends, 2 Massachusetts Avenue, NE, Room 4175, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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Boston-Worcester-Lawrence, MA-NH-ME-CT, Consolidated Metropolitan Area, June 1996



U.S. Department of Labor
Robert B. Reich, Secretary

Bureau of Labor Statistics
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Commissioner

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Introduction

This survey of occupational pay in the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area (Essex County, Middlesex County, Norfolk County, Plymouth County, Suffolk County, 12 communities in Bristol County, 1 in Hampden County, and 52 in Worcester County, MA; 18 in Hillsborough County, 2 in Merrimack County, 34 in Rockingham County, and 10 in Strafford County, NH; 5 in York County, ME; and 1 in Windham County, CT) was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. The survey is one of a number conducted annually in metropolitan areas throughout the United States. (See listing of reports for other surveys at the end of this bulletin.)

A major objective of the Occupational Compensation Survey Program is to describe the level and distribution of occupational pay in a variety of the Nation's local labor markets, using a consistent survey approach. Another Program objective is to provide information on the incidence of employee benefits among and within local labor markets. However, no benefits data were collected for this survey.

The Program develops information that is used for a variety of purposes, including wage and salary administration, collective bargaining, and assistance in determining business or plant location. Survey results also are used by the U.S. Department of Labor in making wage determinations under the Service Contract Act, and by the President's Pay Agent (the Secretary of Labor and Directors of the U.S. Office of Personnel Management and the U.S. Office of Management and Budget) in determining local pay adjustments under the Federal Employee Pay Comparability Act of 1990. This latter requirement resulted in: (1) Expanding the

survey's industrial coverage to include all private nonfarm establishments (except households) employing 50 workers or more and to State and local governments and (2) adding more professional, administrative, technical, and protective service occupations to the surveys.

Pay

The A-series tables provide estimates of straight-time weekly or hourly pay by occupation. Tables A-1 through A-5 provide data for selected white- and blue-collar occupations common to a variety of industries. Tables A-6 through A-10 include similar information, but are limited to establishments employing 500 workers or more.

Occupational pay information is presented for all industries covered by the survey and, where possible, for private industry (e.g., for goods- and service-producing industries) and for State and local governments. Within private industry, more detailed information is presented to the extent that the survey establishment sample can support such detail.

Appendixes

Appendix A describes the concepts, methods, and coverage used in the Occupational Compensation Survey Program. It also includes information on the area's industrial composition and the reliability of occupational pay estimates.

Appendix B includes the descriptions used by Bureau field economists to classify workers in the survey occupations.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
PROFESSIONAL OCCUPATIONS																										
Accountants	8,063	39.2	\$797	\$740	\$625 - \$895	2	17	24	16	16	8	7	4	2	1	1	1	1	(³)	(³)	(³)	(³)	-	-	(³)	(³)
Private industry	7,028	39.4	807	747	623 - 924	2	18	23	14	15	9	7	4	2	1	1	1	1	(³)	(³)	(³)	(³)	-	-	(³)	(³)
Goods-producing industries	2,282	39.8	820	778	629 - 938	1	17	23	12	15	10	8	6	1	3	(³)	1	1	(³)	-	-	-	-	-	-	-
Manufacturing	2,129	39.9	815	769	633 - 925	1	17	24	13	15	10	9	4	2	3	(³)	1	1	(³)	-	-	-	-	-	-	-
Service-producing industries	4,746	39.2	801	740	617 - 917	3	18	23	15	15	9	7	3	2	1	1	1	1	(³)	(³)	(³)	(³)	-	-	(³)	(³)
Transportation and utilities	248	40.0	853	827	740 - 991	-	15	3	28	27	3	6	13	4	(³)	(³)	-	-	-	-	-	-	-	-	-	-
State and local government	1,035	37.9	728	714	626 - 814	2	10	31	29	23	1	2	(³)	1	(³)	-	-	-	-	-	-	-	-	-	-	-
Level 1	523	38.9	545	525	487 - 614	29	45	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	381	39.5	524	519	481 - 552	36	55	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	296	39.4	522	506	481 - 548	40	49	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	2,950	39.1	628	618	568 - 683	1	37	45	15	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	2,560	39.4	626	615	565 - 683	1	40	43	14	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	823	39.4	622	615	567 - 673	-	39	48	12	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	772	39.4	624	625	577 - 673	-	38	48	13	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,737	39.3	628	615	565 - 683	2	41	41	14	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	71	40.0	660	-	-	-	52	-	45	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	390	37.7	638	631	600 - 695	1	19	55	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	2,705	39.3	803	808	727 - 865	-	(³)	18	30	36	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	2,306	39.5	804	808	710 - 875	-	(³)	21	26	34	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	660	40.5	806	808	712 - 894	-	1	21	23	35	14	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	621	40.7	804	801	705 - 894	-	1	23	24	32	15	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,646	39.1	803	808	702 - 872	-	(³)	21	27	34	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	130	40.0	865	827	740 - 898	-	-	-	28	49	5	7	10	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	399	38.4	799	798	768 - 841	-	1	3	50	47	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	1,476	39.4	1,021	1,004	923 - 1,115	-	-	-	2	19	25	27	17	7	2	1	(³)	-	-	-	-	-	-	-	-	-
Private industry	1,374	39.5	1,025	1,004	925 - 1,120	-	-	-	2	17	26	27	18	7	2	1	(³)	-	-	-	-	-	-	-	-	-
Goods-producing industries	573	39.6	1,013	1,005	906 - 1,121	-	-	-	4	21	21	26	22	3	1	(³)	1	-	-	-	-	-	-	-	-	-
Manufacturing	515	39.7	997	998	895 - 1,079	-	-	-	4	23	23	29	15	4	1	-	1	-	-	-	-	-	-	-	-	-
Service-producing industries	801	39.4	1,034	1,004	951 - 1,115	-	-	-	1	14	29	28	14	9	2	1	-	-	-	-	-	-	-	-	-	-
State and local government	102	37.6	964	887	873 - 1,002	-	-	-	2	48	14	23	2	11	1	-	-	-	-	-	-	-	-	-	-	-
Level 5	335	39.0	1,424	1,402	1,308 - 1,576	-	-	-	-	(³)	-	4	10	10	24	15	17	13	5	2	-	-	-	-	-	-
Private industry	333	39.0	1,425	1,402	1,315 - 1,576	-	-	-	-	(³)	-	4	10	10	24	15	17	13	5	2	-	-	-	-	-	-
Goods-producing industries	134	39.5	1,426	1,371	1,342 - 1,596	-	-	-	-	-	-	2	6	10	42	5	12	20	3	-	-	-	-	-	-	-
Manufacturing	129	39.5	1,414	1,371	1,342 - 1,596	-	-	-	-	-	-	2	6	10	43	5	12	20	-	-	-	-	-	-	-	-
Service-producing industries	199	38.7	1,425	1,433	1,265 - 1,576	-	-	-	-	1	-	5	13	10	13	21	20	8	7	4	-	-	-	-	-	-
Level 6	61	39.1	1,857	-	-	-	-	-	-	-	-	-	-	2	5	-	2	10	30	11	8	26	-	-	3	3
Private industry	61	39.1	1,857	-	-	-	-	-	-	-	-	-	-	2	5	-	2	10	30	11	8	26	-	-	3	3
Service-producing industries	54	39.0	1,878	-	-	-	-	-	-	-	-	-	-	2	6	-	-	11	22	13	9	30	-	-	4	4

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over	
Accountants, Public:																											
Level 2	416	40.0	\$607	\$587	\$577 - \$644	-	68	23	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	416	40.0	607	587	577 - 644	-	68	23	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	416	40.0	607	587	577 - 644	-	68	23	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	376	40.0	707	708	683 - 737	-	-	32	63	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	376	40.0	707	708	683 - 737	-	-	32	63	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	376	40.0	707	708	683 - 737	-	-	32	63	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Attorneys	1,328	38.0	1,358	1,130	938 - 1,770	-	1	1	7	11	25	4	6	5	3	3	3	4	4	4	4	3	3	5	3	3	
Private industry	595	38.7	1,857	1,837	1,538 - 2,144	-	-	(³)	-	1	2	2	7	2	3	6	7	8	8	9	9	7	7	10	6	6	
Service-producing industries	452	38.7	1,846	1,786	1,538 - 2,146	-	-	(³)	-	1	(³)	3	7	2	2	6	9	11	10	8	7	5	7	11	6	6	
Level 2:																											
Private industry	64	38.1	1,130	-	- - -	-	-	-	-	6	14	19	44	-	9	8	-	-	-	-	-	-	-	-	-	-	-
Level 3	246	37.3	1,441	1,430	1,281 - 1,615	-	-	-	-	-	2	2	9	23	11	11	13	16	9	4	-	-	-	-	-	-	-
Private industry	161	38.1	1,539	1,541	1,442 - 1,663	-	-	-	-	-	-	-	9	4	6	17	19	25	14	7	-	-	-	-	-	-	-
Service-producing industries	139	38.2	1,543	1,568	1,455 - 1,663	-	-	-	-	-	-	-	11	4	1	13	22	29	14	6	-	-	-	-	-	-	-
State and local government	85	35.7	1,255	1,281	1,281 - 1,281	-	-	-	-	-	5	6	8	60	21	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	232	39.1	1,975	1,971	1,838 - 2,115	-	-	-	-	-	-	-	-	-	1	1	3	3	8	15	22	18	15	12	2	-	
Private industry	232	39.1	1,975	1,971	1,838 - 2,115	-	-	-	-	-	-	-	-	-	1	1	3	3	8	15	22	18	15	12	2	-	
Service-producing industries	161	39.3	1,971	1,981	1,808 - 2,144	-	-	-	-	-	-	-	-	-	2	2	4	5	12	12	16	13	16	16	2	-	
Engineers	31,830	39.8	1,199	1,160	946 - 1,401	(³)	1	4	5	9	11	11	12	11	10	8	6	4	3	2	1	1	(³)	1	(³)	(³)	
Private industry	30,396	39.9	1,212	1,179	962 - 1,415	(³)	1	4	5	8	11	12	11	11	11	8	6	4	3	2	1	1	(³)	1	(³)	(³)	
Goods-producing industries	20,882	39.9	1,205	1,167	954 - 1,401	(³)	1	4	4	9	12	11	11	11	11	8	5	3	3	2	1	1	1	1	(³)	(³)	
Manufacturing	19,486	40.0	1,222	1,185	971 - 1,416	-	1	3	4	9	11	12	12	11	11	9	6	3	3	2	1	1	1	1	(³)	(³)	
Service-producing industries	9,514	39.9	1,229	1,208	985 - 1,442	-	(³)	4	5	6	11	13	10	12	10	8	7	5	5	1	1	1	(³)	(³)	(³)	(³)	
Transportation and utilities	1,627	40.0	1,272	1,266	1,100 - 1,405	-	-	-	1	4	8	11	16	13	21	9	5	5	4	1	(³)	1	-	(³)	-	-	
Level 1	1,390	39.4	684	670	626 - 737	-	9	54	27	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	1,081	40.0	686	666	623 - 727	-	11	52	24	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	521	39.9	665	658	620 - 701	-	22	51	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	518	39.9	665	658	625 - 701	-	22	51	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	560	40.0	706	680	623 - 751	-	(³)	52	29	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 2	3,549	39.5	809	808	712 - 891	-	4	16	27	29	17	5	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	3,283	39.7	810	806	711 - 900	-	4	17	27	27	18	5	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	2,088	39.7	762	758	687 - 847	-	7	22	31	31	8	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	1,721	40.1	789	791	715 - 865	-	3	13	36	38	9	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,195	39.9	893	912	793 - 971	-	(³)	7	19	19	36	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3	5,676	39.8	995	974	891 - 1,090	-	-	(³)	5	22	30	22	14	7	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry	5,343	39.9	999	981	892 - 1,096	-	-	(³)	4	22	28	22	15	7	2	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	3,494	39.9	955	941	880 - 1,021	-	-	-	4	29	37	20	10	1	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	3,320	40.1	958	944	881 - 1,029	-	-	-	4	28	36	20	10	1	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,849	39.9	1,084	1,096	1,003 - 1,187	-	-	(³)	5	9	11	27	25	19	4	-	-	-	-	-	-	-	-	-	-	-	
Transportation and utilities	422	40.0	1,086	1,095	1,035 - 1,133	-	-	-	-	5	13	34	37	7	3	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Level 5	2,542	39.9	\$1,441	\$1,437	\$1,325 - \$1,555	-	-	-	-	(³)	1	2	3	13	23	20	19	11	5	1	(³)	(³)	(³)	-	-	-
Private industry	2,542	39.9	1,441	1,437	1,325 - 1,555	-	-	-	-	(³)	1	2	3	13	23	20	19	11	5	1	(³)	(³)	(³)	-	-	-
Goods-producing industries	1,161	39.8	1,374	1,355	1,288 - 1,456	-	-	-	-	(³)	-	1	5	23	35	19	12	5	1	-	-	-	-	-	-	-
Service-producing industries	1,381	40.0	1,498	1,509	1,387 - 1,615	-	-	-	-	-	2	2	2	6	13	20	26	17	8	3	1	1	(³)	-	-	-
Level 6	772	40.0	1,747	1,723	1,648 - 1,865	-	-	-	-	-	-	-	1	2	5	12	26	17	17	9	7	2	2	(³)	-	
Private industry	772	40.0	1,747	1,723	1,648 - 1,865	-	-	-	-	-	-	-	1	2	5	12	26	17	17	9	7	2	2	(³)	-	
Level 7	333	40.0	2,016	1,981	1,837 - 2,154	-	-	-	-	-	-	-	-	-	-	1	5	9	28	14	13	8	15	3	5	
Private industry	333	40.0	2,016	1,981	1,837 - 2,154	-	-	-	-	-	-	-	-	-	-	1	5	9	28	14	13	8	15	3	5	
Scientists, Computer/Engineering:																										
Level 2	1,807	40.0	763	758	704 - 808	-	-	23	48	22	6	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,799	40.0	763	760	704 - 808	-	-	23	48	22	6	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	2,934	40.0	912	900	846 - 965	-	-	-	10	40	32	13	4	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	2,929	40.0	912	900	846 - 965	-	-	-	10	40	32	13	4	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
Level 4	2,935	40.0	1,180	1,167	1,071 - 1,259	-	-	(³)	-	1	9	22	25	23	11	6	2	(³)	(³)	(³)	-	(³)	-	-	-	-
Private industry	2,935	40.0	1,180	1,167	1,071 - 1,259	-	-	(³)	-	1	9	22	25	23	11	6	2	(³)	(³)	(³)	-	(³)	-	-	-	-
Service-producing industries	1,908	40.0	1,218	1,214	1,115 - 1,311	-	-	(³)	-	1	7	15	23	26	15	9	3	1	(³)	(³)	(³)	-	(³)	-	-	-
Level 5	1,925	39.9	1,471	1,464	1,346 - 1,583	-	-	-	-	-	(³)	4	12	19	20	22	13	6	2	(³)	1	(³)	-	-	-	
Private industry	1,925	39.9	1,471	1,464	1,346 - 1,583	-	-	-	-	-	(³)	4	12	19	20	22	13	6	2	(³)	1	(³)	-	-	-	
Scientists, Physical/Biological	2,983	40.0	1,031	923	733 - 1,296	3	8	10	15	11	8	9	5	6	6	4	3	5	1	3	1	1	(³)	1	(³)	
Private industry	2,967	40.0	1,033	923	735 - 1,302	3	8	10	15	11	8	9	5	6	6	4	3	5	1	3	1	1	(³)	1	(³)	
Level 2	467	39.9	715	715	654 - 783	-	12	32	44	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	455	40.0	716	715	654 - 783	-	11	31	45	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	579	40.0	861	874	792 - 933	-	-	11	17	36	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	577	40.0	861	874	792 - 933	-	-	11	17	36	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	635	40.0	1,080	1,081	987 - 1,197	-	-	-	5	10	10	27	23	17	6	(³)	(³)	-	-	-	-	-	-	-	-	-
Private industry	635	40.0	1,080	1,081	987 - 1,197	-	-	-	5	10	10	27	23	17	6	(³)	(³)	-	-	-	-	-	-	-	-	-
ADMINISTRATIVE OCCUPATIONS																										
Budget Analysts	456	38.4	787	744	702 - 858	(³)	6	18	42	13	13	2	2	1	3	-	-	-	-	-	-	-	-	-	-	-
Private industry	279	38.1	781	747	644 - 837	-	7	26	30	20	6	2	4	(³)	4	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	201	39.2	762	726	635 - 808	-	9	27	33	14	8	1	(³)	(³)	6	-	-	-	-	-	-	-	-	-	-	-
Level 2	144	38.6	657	644	615 - 709	-	19	45	30	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	127	38.9	667	644	620 - 716	-	14	46	34	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	109	39.5	662	644	615 - 709	-	17	45	31	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	251	38.4	791	768	744 - 846	-	-	6	59	21	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	118	37.5	799	804	740 - 858	-	-	13	36	41	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	70	38.9	785	-	-	-	-	9	47	29	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	59	38.2	1,095	-	-	-	-	-	-	-	42	10	19	8	20	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over		
Buyer/Contracting Specialists	2,738	39.7	\$791	\$765	\$655 - \$921	1	12	24	21	13	18	9	2	1	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	2,467	39.9	802	785	666 - 930	1	12	22	18	14	20	9	3	1	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	1,786	40.1	801	785	670 - 922	(³)	10	24	18	16	21	8	2	1	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	1,755	40.1	799	785	670 - 922	(³)	10	24	18	16	21	8	2	1	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	681	39.3	805	779	653 - 966	2	15	18	18	10	17	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	142	40.0	975	998	908 - 1,037	-	-	-	6	18	27	43	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	271	38.5	694	679	647 - 756	1	12	40	45	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 1	224	39.5	556	565	538 - 589	10	77	12	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	197	39.7	555	565	526 - 589	11	76	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	100	39.5	559	577	512 - 590	15	61	23	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	1,206	39.4	695	679	631 - 750	-	12	50	26	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,083	39.6	697	682	629 - 750	-	13	47	28	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	781	39.8	690	677	629 - 750	-	12	53	25	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	767	39.8	691	677	629 - 750	-	12	53	25	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	302	39.0	716	715	660 - 755	-	14	32	36	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	123	38.4	672	676	647 - 679	-	7	79	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	1,039	40.1	890	913	792 - 956	-	(³)	2	24	21	38	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	918	40.3	909	921	848 - 963	-	-	1	15	24	43	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	701	40.5	896	914	839 - 942	-	-	1	18	26	44	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	692	40.5	895	914	839 - 942	-	-	1	18	26	44	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	217	39.7	952	966	901 - 1,031	-	-	2	6	17	42	32	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	86	40.0	999	1,027	923 - 1,077	-	-	-	-	17	22	56	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	121	38.9	746	756	753 - 756	-	1	8	90	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	269	39.9	1,038	1,058	939 - 1,108	-	-	-	4	10	22	38	16	6	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	269	39.9	1,038	1,058	939 - 1,108	-	-	-	4	10	22	38	16	6	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	207	40.0	1,013	1,048	920 - 1,073	-	-	-	5	14	27	38	9	6	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	200	40.0	1,005	1,048	920 - 1,065	-	-	-	5	14	28	38	9	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	62	39.7	1,122	-	-	-	-	-	-	-	5	39	37	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Programmers	3,678	39.2	725	712	615 - 798	1	14	33	26	14	8	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	3,482	39.3	728	721	615 - 804	1	14	32	27	14	9	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	438	39.6	791	789	688 - 898	-	12	13	26	25	19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	438	39.6	791	789	688 - 898	-	12	13	26	25	19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	3,044	39.2	719	696	615 - 788	1	15	35	27	13	7	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	196	37.8	680	656	639 - 710	-	14	61	15	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 1	162	39.0	559	555	500 - 600	15	52	28	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	136	39.3	551	535	500 - 600	18	52	25	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	1,135	39.2	647	615	577 - 725	(³)	32	40	24	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,072	39.3	645	615	577 - 725	(³)	33	40	24	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,029	39.2	647	615	577 - 731	(³)	32	41	24	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Level 2	660	39.0	\$1,419	\$1,404	\$1,250 - \$1,548	-	-	-	-	-	1	2	16	14	16	18	15	6	8	3	(³)	1	-	-	-	-
Private industry	660	39.0	1,419	1,404	1,250 - 1,548	-	-	-	-	-	1	2	16	14	16	18	15	6	8	3	(³)	1	-	-	-	-
Service-producing industries	537	39.0	1,402	1,385	1,231 - 1,538	-	-	-	-	-	1	2	18	16	18	15	10	6	9	4	-	1	-	-	-	-
Level 3	200	38.2	1,596	1,554	1,403 - 1,732	-	-	-	-	-	-	-	(³)	10	14	16	18	12	14	1	2	1	9	-	-	-
Private industry	200	38.2	1,596	1,554	1,403 - 1,732	-	-	-	-	-	-	-	(³)	10	14	16	18	12	14	1	2	1	9	-	-	-
Service-producing industries	176	37.9	1,574	1,538	1,383 - 1,678	-	-	-	-	-	-	-	1	11	16	18	21	10	7	-	3	2	11	-	-	-
Personnel Specialists	4,626	39.3	884	808	672 - 1,033	1	10	20	17	12	10	9	7	6	3	2	2	1	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Private industry	4,263	39.5	894	827	673 - 1,058	1	10	20	16	11	10	9	7	6	3	2	2	1	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Goods-producing industries	1,146	39.9	988	952	762 - 1,177	-	4	14	17	12	7	11	12	7	6	4	2	2	1	-	1	-	1	-	-	-
Manufacturing	1,107	39.9	992	952	746 - 1,190	-	4	14	16	12	7	12	12	7	6	4	2	2	1	-	1	-	1	-	-	-
Service-producing industries	3,117	39.3	859	794	640 - 1,019	2	12	22	16	11	11	8	5	6	2	2	2	(³)	(³)	(³)	-	(³)	(³)	-	(³)	
Transportation and utilities	133	40.0	1,065	1,051	802 - 1,263	-	2	14	9	8	15	12	9	8	9	2	11	2	1	-	-	-	-	-	-	(³)
State and local government	363	38.0	776	753	651 - 841	-	4	30	32	17	7	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	1,377	39.3	630	620	577 - 673	4	30	47	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,176	39.6	620	609	577 - 660	4	34	47	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	215	40.0	662	660	605 - 712	-	18	41	38	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	212	40.0	661	660	605 - 712	-	18	41	38	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	961	39.5	611	607	577 - 640	5	38	48	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	201	37.4	684	695	651 - 725	-	7	50	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	1,682	39.5	814	802	740 - 889	-	1	17	32	27	16	7	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,563	39.5	813	794	740 - 894	-	1	18	33	25	16	7	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	319	39.9	799	791	750 - 846	-	-	21	34	36	5	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	288	39.9	800	791	731 - 846	-	-	24	28	39	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,244	39.4	816	794	740 - 904	-	1	17	33	22	18	8	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	119	38.9	829	830	788 - 877	-	-	6	24	50	19	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	1,078	39.2	1,105	1,115	1,000 - 1,208	-	-	(³)	2	5	16	23	24	18	5	3	3	(³)	-	-	-	-	-	-	-	-
Private industry	1,037	39.2	1,107	1,115	1,000 - 1,213	-	-	(³)	2	5	17	23	23	19	5	3	3	(³)	-	-	-	-	-	-	-	-
Goods-producing industries	367	39.6	1,089	1,058	1,000 - 1,190	-	-	-	1	4	17	28	29	15	4	2	-	-	-	-	-	-	-	-	-	-
Manufacturing	365	39.6	1,088	1,058	1,000 - 1,172	-	-	-	1	4	18	28	29	14	4	2	-	-	-	-	-	-	-	-	-	-
Service-producing industries	670	38.9	1,117	1,128	996 - 1,233	-	-	(³)	3	6	16	20	20	21	5	4	4	(³)	-	-	-	-	-	-	-	-
Level 5	427	39.6	1,341	1,363	1,212 - 1,498	-	-	-	1	-	2	6	14	19	19	17	15	7	(³)	-	-	-	-	-	-	-
Private industry	426	39.6	1,341	1,363	1,212 - 1,498	-	-	-	1	-	2	6	14	19	19	17	15	8	(³)	-	-	-	-	-	-	-
Goods-producing industries	215	40.0	1,344	1,365	1,248 - 1,452	-	-	-	2	-	2	6	12	13	26	20	9	10	-	-	-	-	-	-	-	-
Manufacturing	212	40.0	1,343	1,365	1,248 - 1,438	-	-	-	2	-	2	6	12	14	26	19	9	10	-	-	-	-	-	-	-	-
Service-producing industries	211	39.1	1,338	1,327	1,203 - 1,500	-	-	-	-	-	2	6	16	24	11	14	22	5	1	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Personnel Supervisors/Managers	423	39.3	\$1,510	\$1,499	\$1,250 - \$1,789	-	-	-	-	-	4	5	8	15	9	11	9	6	11	16	2	3	-	2	1	(³)
Private industry	391	39.3	1,555	1,519	1,272 - 1,800	-	-	-	-	-	1	1	9	16	10	12	9	7	12	17	2	3	-	2	1	1
Goods-producing industries	159	39.6	1,571	1,538	1,306 - 1,846	-	-	-	-	-	-	-	4	19	9	15	8	9	10	16	4	3	-	2	2	-
Manufacturing	158	39.6	1,571	1,538	1,306 - 1,846	-	-	-	-	-	-	-	4	20	9	15	8	9	10	16	4	3	-	2	2	-
Service-producing industries	232	39.2	1,544	1,500	1,272 - 1,800	-	-	-	-	1	1	12	14	10	9	10	5	13	18	1	3	-	2	-	1	-
Level 1	106	39.3	1,159	1,173	1,000 - 1,250	-	-	-	-	-	15	18	24	27	9	7	-	-	-	-	-	-	-	-	-	-
Level 2	185	39.1	1,503	1,442	1,306 - 1,731	-	-	-	-	-	-	1	5	18	13	16	13	4	12	18	1	-	-	-	-	-
Private industry	185	39.1	1,503	1,442	1,306 - 1,731	-	-	-	-	-	-	1	5	18	13	16	13	4	12	18	1	-	-	-	-	-
Goods-producing industries	75	39.1	1,446	-	-	-	-	-	-	-	-	-	8	15	16	24	16	5	13	-	3	-	-	-	-	-
Manufacturing	74	39.1	1,444	-	-	-	-	-	-	-	-	-	8	15	16	24	15	5	14	-	3	-	-	-	-	-
Service-producing industries	110	39.1	1,543	1,500	1,360 - 1,800	-	-	-	-	-	1	3	20	11	11	11	3	11	30	-	-	-	-	-	-	-
Level 3	98	39.5	1,754	1,758	1,666 - 1,846	-	-	-	-	-	-	-	-	1	4	9	9	10	20	32	3	7	-	4	-	-
Private industry	98	39.5	1,754	1,758	1,666 - 1,846	-	-	-	-	-	-	-	-	1	4	9	9	10	20	32	3	7	-	4	-	-
Service-producing industries	58	39.1	1,764	-	-	-	-	-	-	-	-	-	2	5	5	14	10	24	16	5	12	-	7	-	-	-
Director of Personnel	158	39.1	1,399	1,262	1,176 - 1,538	-	-	-	-	-	-	19	24	15	4	10	4	3	3	7	2	4	1	3	1	-
Private industry:																										
Service-producing industries	88	38.9	1,412	1,192	1,180 - 1,615	-	-	-	-	-	-	13	39	2	-	17	3	3	6	13	-	-	2	2	-	-
Level 2	95	38.8	1,286	1,192	1,176 - 1,292	-	-	-	-	-	-	12	40	25	-	13	3	3	2	-	-	-	-	-	2	-
Private industry	68	38.7	1,302	-	-	-	-	-	-	-	-	16	50	3	-	16	4	4	3	-	-	-	-	-	3	-
Service-producing industries	66	38.6	1,268	-	-	-	-	-	-	-	-	17	52	3	-	17	5	5	3	-	-	-	-	-	-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 17 percent at \$2,600 and under \$2,800; 19 percent at \$2,800 and under \$3,000; 8 percent at \$3,000 and under \$3,200; and 2 percent at \$3,400 and under \$3,600.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300		
TECHNICAL OCCUPATIONS																												
Computer Operators	2,897	38.9	\$554	\$546	\$463 - \$615	1	(³)	7	14	10	18	22	11	5	7	2	1	1	(³)	(³)	-	-	-	-	-	-	-	-
Private industry	2,625	39.0	551	544	457 - 608	1	(³)	7	15	11	19	19	10	4	7	2	1	1	(³)	(³)	-	-	-	-	-	-	-	-
Service-producing industries	1,933	39.0	532	530	451 - 590	1	1	7	16	12	23	22	9	3	5	1	(³)	(³)	(³)	1	-	-	-	-	-	-	-	-
State and local government	272	37.7	589	590	555 - 642	-	(³)	1	3	7	11	42	21	11	3	-	3	-	-	-	-	-	-	-	-	-	-	-
Level 2	1,145	39.1	466	441	414 - 519	2	1	15	33	19	15	12	3	(³)	(³)	-	-	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	1,048	39.2	461	440	407 - 501	2	1	17	35	19	14	8	4	(³)	(³)	-	-	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries:																												
Manufacturing	179	39.9	425	410	390 - 432	-	-	33	48	11	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	845	39.1	464	441	434 - 516	2	1	13	34	21	17	9	1	(³)	(³)	-	-	(³)	-	-	-	-	-	-	-	-	-	-
Level 3	1,323	38.9	584	580	540 - 630	-	-	-	1	6	27	35	18	7	5	(³)	1	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	1,166	39.0	580	577	534 - 604	-	-	-	1	7	30	34	15	6	6	(³)	1	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	227	39.7	591	587	530 - 639	-	-	-	(³)	10	24	30	15	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	226	39.7	591	587	530 - 639	-	-	-	(³)	10	23	31	15	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	939	38.9	577	576	535 - 602	-	-	-	1	6	31	35	16	4	6	(³)	1	(³)	-	-	-	-	-	-	-	-	-	-
State and local government	157	38.1	616	642	590 - 642	-	-	-	1	1	5	39	33	17	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	369	38.5	728	719	635 - 794	-	-	-	-	-	1	9	16	11	28	15	8	7	2	3	-	-	-	-	-	-	-	-
Private industry	354	38.5	727	719	635 - 794	-	-	-	-	-	1	9	16	10	29	16	6	8	2	3	-	-	-	-	-	-	-	-
Service-producing industries	92	39.0	704	683	595 - 745	-	-	-	-	-	4	22	15	14	21	5	2	4	1	11	-	-	-	-	-	-	-	-
Drafters:																												
Private industry:																												
Service-producing industries	826	39.8	564	535	473 - 583	-	1	-	11	19	25	21	6	7	1	2	1	3	-	4	(³)	-	-	-	-	-	-	-
Level 2	604	39.3	494	493	462 - 519	(³)	1	1	9	41	41	3	2	(³)	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	524	39.8	494	500	462 - 526	1	1	1	10	36	44	3	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	196	39.9	497	519	479 - 527	2	-	3	14	16	64	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3:																												
Private industry:																												
Goods-producing industries	309	40.0	691	721	585 - 757	-	-	-	-	1	1	24	3	17	19	29	3	1	(³)	1	1	-	-	-	-	-	-	-
Manufacturing	307	40.0	692	721	596 - 757	-	-	-	-	1	1	24	3	17	19	29	3	1	(³)	1	1	-	-	-	-	-	-	-
Level 4	347	40.0	912	923	798 - 1,010	-	-	-	-	-	-	-	-	3	5	18	21	2	5	7	32	4	3	-	-	-	-	-
Private industry	347	40.0	912	923	798 - 1,010	-	-	-	-	-	-	-	-	3	5	18	21	2	5	7	32	4	3	-	-	-	-	-
Goods-producing industries	318	40.0	920	923	837 - 1,014	-	-	-	-	-	-	-	-	-	4	19	23	2	5	5	33	4	4	-	-	-	-	-
Manufacturing	315	40.0	920	923	837 - 1,022	-	-	-	-	-	-	-	-	-	4	20	23	1	5	5	34	4	4	-	-	-	-	-
Engineering Technicians	5,243	40.0	763	776	635 - 896	1	(³)	(³)	5	2	5	6	6	6	10	9	8	11	12	10	5	3	1	1	1	2	(³)	
Private industry	5,234	40.0	763	776	635 - 896	1	(³)	(³)	5	2	5	6	6	6	10	9	8	11	12	10	5	3	1	1	1	2	(³)	
Service-producing industries	1,356	39.9	819	804	720 - 889	-	(³)	(³)	-	2	1	3	3	9	15	13	24	5	5	5	3	3	3	3	3	1	1	
Level 3	1,130	40.0	705	692	607 - 779	-	-	-	-	3	6	13	11	19	16	7	3	18	3	-	-	-	-	-	-	-	-	
Private industry	1,123	40.0	705	692	607 - 779	-	-	-	-	3	6	13	11	19	16	7	3	19	3	-	-	-	-	-	-	-	-	
Goods-producing industries	823	40.0	698	681	594 - 811	-	-	-	-	4	8	15	12	17	13	6	1	24	1	-	-	-	-	-	-	-	-	
Manufacturing	823	40.0	698	681	594 - 811	-	-	-	-	4	8	15	12	17	13	6	1	24	1	-	-	-	-	-	-	-	-	
Service-producing industries	300	39.9	725	715	658 - 778	-	-	-	-	-	1	9	8	26	24	10	8	5	10	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300	
Level 4	2,194	40.0	\$814	\$813	\$740 - \$896	-	-	-	-	-	1	1	3	11	12	14	22	14	14	6	4	-	-	-	-	-	
Private industry	2,192	40.0	814	813	740 - 896	-	-	-	-	-	1	1	3	11	12	14	22	14	14	6	4	-	-	-	-	-	
Goods-producing industries	1,527	40.0	825	843	736 - 910	-	-	-	-	-	1	1	4	13	9	10	12	19	19	7	5	-	-	-	-	-	
Manufacturing	1,527	40.0	825	843	736 - 910	-	-	-	-	-	1	1	4	13	9	10	12	19	19	7	5	-	-	-	-	-	
Level 5	810	40.0	955	931	891 - 1,017	-	-	-	-	-	-	-	1	3	6	8	15	25	14	10	5	2	3	9	-		
Private industry	810	40.0	955	931	891 - 1,017	-	-	-	-	-	-	-	1	3	6	8	15	25	14	10	5	2	3	9	-		
Goods-producing industries	635	40.0	953	923	889 - 1,012	-	-	-	-	-	-	-	1	3	7	9	13	25	14	9	3	2	3	10	-		
Manufacturing	635	40.0	953	923	889 - 1,012	-	-	-	-	-	-	-	1	3	7	9	13	25	14	9	3	2	3	10	-		
Engineering Technicians, Civil	1,203	39.0	682	623	529 - 808	-	-	-	9	12	8	15	10	8	5	3	8	7	2	5	6	2	(³)	1	-	-	
Level 3	502	39.1	574	577	481 - 626	-	-	-	14	16	13	27	7	14	7	(³)	-	-	2	-	-	-	-	-	-	-	
State and local government	150	37.0	644	604	600 - 670	-	-	-	-	5	1	43	23	9	13	-	-	-	7	-	-	-	-	-	-	-	
Level 4: State and local government	63	38.7	846	-	- - -	-	-	-	-	2	-	5	3	2	6	17	35	13	-	-	-	-	-	17	-	-	
PROTECTIVE SERVICE OCCUPATIONS																											
Firefighters	9,097	42.0	639	604	603 - 669	-	-	-	-	1	7	10	52	18	1	3	3	5	-	-	-	-	-	-	-	-	-
State and local government	9,073	42.0	638	603	603 - 669	-	-	-	-	1	7	10	52	18	1	3	3	5	-	-	-	-	-	-	-	-	-
Police Officers	10,610	39.9	638	645	546 - 713	-	-	-	(³)	2	33	9	8	23	6	17	2	-	-	-	-	-	-	-	-	-	-
State and local government	10,439	39.9	637	645	546 - 712	-	-	-	(³)	2	33	9	8	23	5	18	2	-	-	-	-	-	-	-	-	-	-
Level 1	10,607	39.9	638	645	546 - 713	-	-	-	(³)	2	33	9	8	23	6	17	2	-	-	-	-	-	-	-	-	-	-
State and local government	10,436	39.9	637	645	546 - 712	-	-	-	(³)	2	33	9	8	23	5	18	2	-	-	-	-	-	-	-	-	-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over
Clerks, Accounting	8,159	39.1	\$472	\$470	\$416 - \$520	-	(³)	1	2	3	6	6	13	12	21	21	8	4	1	1	1	(³)	-	-	-	-
Private industry	7,091	39.4	468	462	408 - 519	-	(³)	1	3	3	6	6	14	11	22	17	10	4	1	1	(³)	-	-	-	-	
Goods-producing industries	2,667	39.7	474	464	410 - 520	-	-	2	2	(³)	4	9	14	14	16	22	9	5	2	(³)	1	-	-	-	-	
Manufacturing	2,498	39.8	469	458	408 - 519	-	-	2	2	(³)	5	9	15	14	16	21	8	5	2	(³)	-	-	-	-	-	
Service-producing industries	4,424	39.2	465	461	404 - 508	-	(³)	(³)	3	4	7	5	14	10	26	14	10	3	(³)	1	2	(³)	-	-	-	
Transportation and utilities	547	40.0	523	484	460 - 577	-	-	-	-	3	6	3	10	-	43	7	3	5	(³)	2	14	3	-	-	-	
State and local government	1,068	37.1	498	508	445 - 544	-	-	-	(³)	1	1	4	6	14	18	45	(³)	10	1	-	-	-	-	-	-	
Level 2	3,269	39.2	421	418	373 - 464	-	-	2	6	6	12	12	19	11	22	6	3	2	-	(³)	-	-	-	-	-	
Private industry	2,968	39.5	417	416	365 - 462	-	-	2	7	6	13	12	19	10	21	7	3	(³)	-	(³)	-	-	-	-	-	
Goods-producing industries	680	39.7	392	387	365 - 423	-	-	6	8	1	17	28	17	5	12	5	-	-	-	-	-	-	-	-	-	
Manufacturing	627	39.7	385	385	360 - 415	-	-	7	9	1	19	31	18	6	9	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	2,288	39.4	424	420	368 - 475	-	-	1	6	8	11	7	20	11	24	7	4	(³)	-	(³)	-	-	-	-	-	
State and local government	301	36.7	464	443	403 - 480	-	-	-	-	2	1	12	18	19	26	6	-	16	-	-	-	-	-	-	-	
Level 3	4,148	39.0	491	486	440 - 527	-	-	-	(³)	(³)	2	2	11	14	24	31	12	4	(³)	-	1	-	-	-	-	
Private industry	3,404	39.4	487	481	438 - 525	-	-	-	(³)	(³)	2	2	13	15	26	24	14	3	(³)	-	1	-	-	-	-	
Goods-producing industries	1,722	39.8	487	481	438 - 520	-	-	-	-	(³)	2	15	19	19	29	11	3	(³)	-	1	-	-	-	-	-	
Manufacturing	1,607	39.9	480	479	436 - 519	-	-	-	-	(³)	2	16	20	20	28	10	2	(³)	-	-	-	-	-	-	-	
Service-producing industries	1,682	39.1	486	481	440 - 527	-	-	-	(³)	(³)	4	2	10	11	32	19	17	3	(³)	-	-	-	-	-	-	
State and local government	744	37.3	512	520	486 - 544	-	-	-	(³)	(³)	2	1	1	11	15	61	(³)	7	1	-	-	-	-	-	-	
Level 4	728	38.8	595	576	517 - 640	-	-	-	-	-	(³)	(³)	2	8	28	17	20	7	5	11	2	-	-	-	-	
Private industry	705	38.9	599	579	519 - 648	-	-	-	-	-	-	-	1	8	28	18	21	7	5	11	2	-	-	-	-	
Clerks, General	12,777	38.0	457	465	404 - 505	(³)	2	3	3	2	6	7	7	11	33	18	3	2	2	1	(³)	-	-	-	-	
Private industry	5,099	38.8	442	433	365 - 512	(³)	4	6	7	4	8	8	10	9	15	9	8	4	4	2	(³)	-	-	-	-	
Service-producing industries	4,155	38.5	459	442	377 - 538	(³)	1	5	5	4	8	10	11	10	16	9	10	5	5	2	(³)	-	-	-	-	
Transportation and utilities	344	40.0	584	564	558 - 660	1	-	-	-	-	-	1	-	-	12	57	3	22	3	1	-	-	-	-	-	
Level 2:																										
State and local government	289	36.3	405	419	353 - 459	-	(³)	3	11	10	5	15	10	1	45	-	-	-	-	-	-	-	-	-	-	
Level 3	6,578	38.0	438	458	398 - 465	-	-	1	2	3	11	10	9	14	43	5	2	1	1	(³)	-	-	-	-	-	
Private industry	2,417	38.8	422	401	373 - 467	-	-	2	5	5	17	16	13	13	16	5	4	2	1	(³)	-	-	-	-	-	
Service-producing industries	2,005	38.5	433	413	375 - 471	-	-	-	2	3	16	18	14	13	17	6	5	2	2	(³)	-	-	-	-	-	
Level 4:																										
Private industry	1,575	38.3	546	539	479 - 612	-	-	-	-	-	1	1	5	10	19	17	20	10	10	6	1	-	-	-	-	
Service-producing industries	1,422	38.1	552	558	475 - 616	-	-	-	-	-	1	1	5	10	16	15	22	11	12	7	1	-	-	-	-	
Clerks, Order:																										
Level 2	369	39.9	503	500	460 - 573	-	-	-	-	-	-	-	13	5	27	28	25	2	-	-	-	-	-	-	-	
Private industry	369	39.9	503	500	460 - 573	-	-	-	-	-	-	-	13	5	27	28	25	2	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over	
Key Entry Operators	2,401	39.0	\$420	\$412	\$352 - \$451	(³)	1	(³)	1	9	23	11	10	20	9	13	3	1	(³)	-	-	-	-	-	-	-	-
Private industry	1,597	39.6	399	380	352 - 427	1	1	1	1	13	32	12	12	9	6	7	3	1	(³)	-	-	-	-	-	-	-	-
Service-producing industries	1,233	39.6	384	366	352 - 404	1	1	1	2	13	38	15	15	5	5	2	2	2	(³)	-	-	-	-	-	-	-	-
State and local government	804	37.9	463	449	448 - 505	-	-	-	1	(³)	5	8	5	42	13	24	1	(³)	(³)	-	-	-	-	-	-	-	-
Level 1	977	39.5	380	352	352 - 391	1	2	1	2	14	40	18	9	4	2	4	4	-	-	-	-	-	-	-	-	-	-
Private industry	960	39.6	379	352	352 - 391	1	2	1	2	14	41	18	9	4	2	3	4	-	-	-	-	-	-	-	-	-	-
Service-producing industries	895	39.7	369	352	352 - 390	1	2	1	2	15	43	19	9	4	2	1	1	-	-	-	-	-	-	-	-	-	-
Level 2	1,424	38.7	448	449	404 - 492	-	-	-	1	5	11	6	10	32	13	19	2	2	(³)	-	-	-	-	-	-	-	-
Private industry	637	39.8	429	425	371 - 478	-	-	-	-	12	17	3	17	18	14	14	3	3	(³)	-	-	-	-	-	-	-	-
Service-producing industries	338	39.5	422	404	371 - 451	-	-	-	-	8	24	6	30	7	14	3	3	6	1	-	-	-	-	-	-	-	-
State and local government	787	37.9	463	449	448 - 507	-	-	-	1	-	5	7	5	43	13	23	1	1	(³)	-	-	-	-	-	-	-	-
Personnel Assistants	1,293	39.0	504	519	424 - 558	-	-	(³)	1	1	5	8	11	5	11	32	13	5	4	1	3	(³)	-	-	-	-	-
Private industry	1,154	39.2	504	510	423 - 558	-	-	(³)	1	1	6	7	12	6	11	28	15	5	4	1	3	-	-	-	-	-	-
Goods-producing industries	442	39.8	538	536	431 - 583	-	-	-	-	1	-	1	17	10	5	19	26	5	7	2	7	-	-	-	-	-	-
Manufacturing	438	39.8	537	530	431 - 583	-	-	-	-	1	-	1	17	10	5	19	26	5	7	3	7	-	-	-	-	-	-
Service-producing industries	712	38.8	482	500	406 - 525	-	-	(³)	1	1	9	10	9	3	15	33	8	5	3	(³)	1	-	-	-	-	-	-
Level 2	456	38.4	437	413	379 - 524	-	-	(³)	(³)	3	14	16	20	10	5	25	4	1	-	-	-	-	-	-	-	-	-
Private industry	355	38.7	414	406	379 - 431	-	-	1	1	4	18	20	25	13	5	7	5	1	-	-	-	-	-	-	-	-	-
Goods-producing industries	117	40.0	430	413	413 - 431	-	-	-	-	5	-	-	45	34	7	4	2	3	-	-	-	-	-	-	-	-	-
Manufacturing	117	40.0	430	413	413 - 431	-	-	-	-	5	-	-	45	34	7	4	2	3	-	-	-	-	-	-	-	-	-
Service-producing industries	238	38.1	406	379	360 - 422	-	-	1	1	4	27	29	16	3	4	8	7	-	-	-	-	-	-	-	-	-	-
Level 3	646	39.4	522	519	496 - 558	-	-	-	-	-	-	1	7	3	16	45	21	5	2	(³)	1	-	-	-	-	-	-
Private industry	637	39.4	523	519	497 - 558	-	-	-	-	-	-	1	7	3	15	45	21	5	2	(³)	1	-	-	-	-	-	-
Goods-producing industries	226	40.0	535	554	519 - 576	-	-	-	-	-	-	1	9	1	3	33	46	3	3	-	-	-	-	-	-	-	-
Manufacturing	226	40.0	535	554	519 - 576	-	-	-	-	-	-	1	9	1	3	33	46	3	3	-	-	-	-	-	-	-	-
Service-producing industries	411	39.1	516	519	486 - 526	-	-	-	-	-	-	1	6	4	22	51	7	6	2	(³)	1	-	-	-	-	-	-
Level 4	163	39.3	646	650	576 - 731	-	-	-	-	-	-	-	-	-	9	6	14	18	23	8	18	3	-	-	-	-	-
Private industry	155	39.4	640	650	576 - 713	-	-	-	-	-	-	-	-	-	10	6	15	19	23	8	19	-	-	-	-	-	-
Goods-producing industries	99	39.2	672	677	621 - 750	-	-	-	-	-	-	-	-	-	6	3	9	15	25	11	30	-	-	-	-	-	-
Service-producing industries	56	39.9	584	-	-	-	-	-	-	-	-	-	-	-	16	11	25	27	18	4	-	-	-	-	-	-	-
Secretaries	17,025	38.7	578	568	504 - 650	-	-	-	(³)	(³)	1	2	4	4	12	21	17	14	11	8	3	2	1	(³)	(³)	(³)	(³)
Private industry	13,060	39.0	590	580	507 - 667	-	-	-	(³)	(³)	1	1	3	5	12	17	16	15	12	9	4	2	1	(³)	(³)	(³)	(³)
Goods-producing industries	4,162	39.4	599	596	529 - 662	-	-	-	-	(³)	-	1	4	11	17	18	20	11	11	4	2	(³)	(³)	(³)	(³)	(³)	(³)
Manufacturing	4,088	39.4	599	596	527 - 662	-	-	-	-	(³)	-	1	4	11	17	18	21	11	10	4	2	(³)	(³)	(³)	(³)	(³)	(³)
Service-producing industries	8,898	38.8	585	574	498 - 670	-	-	-	-	1	2	2	4	5	12	17	15	13	9	4	2	2	(³)	(³)	(³)	(³)	(³)
Transportation and utilities	334	40.0	697	711	613 - 761	-	-	-	-	-	-	-	-	-	-	12	10	9	11	26	16	8	6	(³)	(³)	1	(³)
State and local government	3,965	37.7	541	529	495 - 588	-	-	-	(³)	(³)	(³)	2	7	3	13	34	20	10	7	3	1	(³)	(³)	(³)	-	-	-
Level 1	1,650	37.8	447	440	404 - 492	-	-	(³)	4	8	6	21	16	25	18	2	(³)	(³)	(³)	(³)	-	-	-	-	-	-	-
Private industry	888	38.0	436	439	393 - 466	-	-	-	6	14	7	13	25	23	8	3	1	(³)	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	163	40.0	459	448	436 - 471	-	-	-	-	4	-	4	47	36	7	2	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	725	37.6	431	433	379 - 466	-	-	-	7	16	9	15	20	20	8	3	1	(³)	(³)	(³)	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over
Level 2	4,168	38.5	\$511	\$518	\$466 - \$544	-	-	-	-	(³)	1	3	6	7	24	38	11	9	1	(³)	(³)	-	-	-	-	-
Private industry	3,001	38.8	505	500	458 - 545	-	-	-	-	(³)	1	4	7	8	29	28	13	8	1	1	(³)	-	-	-	-	
Goods-producing industries	570	38.9	496	478	457 - 523	-	-	-	-	-	-	-	8	10	40	28	4	8	2	-	-	-	-	-	-	
Manufacturing	555	38.9	495	476	457 - 522	-	-	-	-	-	-	-	8	10	41	27	3	8	2	-	-	-	-	-	-	
Service-producing industries	2,431	38.8	507	504	462 - 552	-	-	-	-	(³)	1	4	7	7	27	28	15	8	(³)	1	(³)	-	-	-	-	
State and local government	1,167	37.8	527	529	518 - 544	-	-	-	-	(³)	1	2	1	4	9	64	6	12	-	-	-	-	-	-	-	
Level 3	6,914	38.8	581	576	528 - 628	-	-	-	(³)	(³)	(³)	(³)	1	2	9	23	28	16	11	7	2	(³)	(³)	-	-	
Private industry	5,366	39.1	588	580	535 - 646	-	-	-	-	(³)	(³)	(³)	1	3	8	23	24	19	14	7	2	1	(³)	-	-	
Goods-producing industries	2,298	39.5	591	582	538 - 634	-	-	-	-	-	-	-	-	1	7	23	27	23	11	8	1	-	-	-	-	
Manufacturing	2,247	39.5	589	582	538 - 633	-	-	-	-	-	-	-	-	1	8	23	27	23	11	7	1	-	-	-	-	
Service-producing industries	3,068	38.7	585	577	525 - 652	-	-	-	-	(³)	1	2	4	8	23	21	16	16	6	3	1	(³)	-	-	-	
Transportation and utilities	179	40.0	666	676	585 - 760	-	-	-	-	-	-	-	-	-	16	15	10	16	14	26	4	-	-	-	-	
State and local government	1,548	37.7	559	565	514 - 588	-	-	-	(³)	(³)	(³)	1	2	1	13	23	44	6	4	6	-	-	-	-	-	
Level 4	3,845	39.0	677	673	629 - 724	-	-	-	-	-	(³)	(³)	(³)	(³)	1	3	10	23	26	19	9	5	3	(³)	-	
Private industry	3,365	39.2	682	681	626 - 731	-	-	-	-	-	(³)	(³)	(³)	(³)	1	4	10	21	23	10	6	3	(³)	-	-	
Goods-producing industries	1,011	39.1	680	680	624 - 736	-	-	-	-	-	-	-	-	-	1	2	9	28	19	21	14	5	1	-	-	
Manufacturing	1,006	39.1	680	680	624 - 736	-	-	-	-	-	-	-	-	-	1	2	9	27	19	21	14	5	1	-	-	
Service-producing industries	2,354	39.3	682	681	632 - 729	-	-	-	-	-	(³)	(³)	1	4	11	18	25	22	8	6	4	(³)	-	-	-	
Transportation and utilities	109	40.0	734	731	703 - 742	-	-	-	-	-	-	-	-	-	3	11	8	55	2	10	11	-	-	-	-	
State and local government	480	37.7	640	647	647 - 653	-	-	-	-	-	(³)	(³)	2	3	3	8	35	42	-	5	1	-	-	-	-	
Level 5	448	39.2	798	773	712 - 869	-	-	-	-	-	-	-	-	-	1	1	4	14	23	13	13	11	5	6	7	
Private industry	440	39.2	798	773	712 - 869	-	-	-	-	-	-	-	-	-	1	1	4	15	22	14	13	11	5	7	7	
Goods-producing industries	120	39.8	763	723	711 - 840	-	-	-	-	-	-	-	-	-	2	2	5	13	41	1	17	3	7	7	-	
Manufacturing	120	39.8	763	723	711 - 840	-	-	-	-	-	-	-	-	-	2	2	5	13	41	1	17	3	7	7	-	
Service-producing industries	320	39.0	810	782	732 - 884	-	-	-	-	-	-	-	-	-	1	1	4	15	15	18	12	14	3	6	4 ¹⁰	
Switchboard-Operator-Receptionists	3,653	39.2	402	400	360 - 441	-	1	3	7	10	13	11	25	10	13	7	1	(³)	(³)	-	-	-	-	-	-	
Private industry	3,310	39.3	400	400	360 - 438	-	1	4	7	9	14	12	26	8	13	6	1	1	(³)	-	-	-	-	-	-	
Goods-producing industries	1,015	39.8	383	363	340 - 434	-	4	5	13	17	21	3	12	3	13	8	(³)	2	-	-	-	-	-	-	-	
Manufacturing	932	39.9	375	360	327 - 424	-	4	5	14	19	23	4	10	3	14	3	-	2	-	-	-	-	-	-	-	
Service-producing industries	2,295	39.1	407	400	375 - 439	-	-	3	5	5	11	15	32	10	12	6	1	-	(³)	-	-	-	-	-	-	
State and local government	343	38.0	431	441	400 - 482	-	-	-	1	17	1	3	22	29	15	12	(³)	-	-	-	-	-	-	-	-	
Word Processors	814	38.4	504	491	481 - 519	-	-	(³)	1	1	5	4	4	3	42	22	5	8	2	2	1	(³)	-	-	-	
Private industry	488	39.1	529	519	481 - 573	-	-	-	(³)	(³)	5	2	6	(³)	21	35	8	14	4	3	1	1	-	-	-	
Service-producing industries	447	39.0	534	519	481 - 573	-	-	-	(³)	(³)	-	2	6	(³)	22	38	8	13	3	3	1	1	-	-	-	
Level 2	687	38.6	497	491	481 - 519	-	-	-	(³)	(³)	3	5	4	3	46	24	5	7	1	-	-	-	-	-	-	
Private industry	391	39.5	513	519	481 - 541	-	-	-	1	1	6	2	5	(³)	19	42	9	13	2	-	-	-	-	-	-	
Service-producing industries	350	39.4	518	519	481 - 540	-	-	-	1	1	-	2	6	(³)	21	46	10	12	1	-	-	-	-	-	-	

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 7 percent at \$1,000 and under \$1,050; 2 percent at \$1,100 and under \$1,150; and 1 percent at \$1,150 and under \$1,200.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																								
		Mean	Median	Middle range	Under 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 - 26.00	26.00 and over		
General Maintenance Workers	7,776	\$12.35	\$12.72	\$10.19 - \$14.15	5	3	7	5	8	7	5	6	11	7	29	4	1	2	1	(²)	(²)	(²)	1	(²)	-	-	-	-	
Private industry	4,665	11.30	10.82	9.50 - 12.86	8	5	11	7	12	10	7	7	11	7	8	3	1	1	2	(²)	(²)	(²)	(²)	(²)	-	-	-	-	
Goods-producing industries	769	12.32	12.00	11.35 - 14.23	8	-	-	(²)	12	3	6	12	20	11	14	11	1	1	-	-	-	-	-	-	-	-	-	-	
Manufacturing	697	12.09	12.00	10.76 - 13.50	9	-	-	(²)	14	3	7	14	23	8	9	12	1	1	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	3,896	11.10	10.63	9.25 - 12.50	8	7	13	8	11	11	8	5	9	6	7	1	1	2	1	(²)	(²)	(²)	(²)	(²)	-	-	-	-	
Transportation and utilities	126	17.08	18.25	12.50 - 18.32	-	-	-	-	-	15	-	-	10	-	-	-	2	-	56	-	7	2	2	6	-	-	-	-	
State and local government	3,111	13.92	14.15	13.54 - 14.15	(²)	(²)	(²)	1	2	2	1	5	11	6	61	7	1	2	(²)	-	-	-	1	-	-	-	-	-	
Level 1	6,612	11.95	12.00	10.00 - 14.15	6	4	8	5	9	8	5	6	8	6	32	3	(²)	(²)	(²)	-	-	-	-	-	-	-	-	-	
Private industry	3,989	10.71	10.50	9.13 - 11.78	9	6	13	8	14	12	7	7	11	6	5	1	(²)	(²)	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	3,617	10.71	10.36	9.00 - 11.63	8	7	14	9	12	12	8	6	9	7	6	1	(²)	(²)	1	-	-	-	-	-	-	-	-	-	-
Level 2	1,164	14.62	14.23	12.89 - 15.85	-	-	-	(²)	2	1	6	4	29	8	15	11	3	10	4	2	1	(²)	4	1	-	-	-	-	
Private industry	676	14.80	14.81	12.72 - 15.85	-	-	-	-	-	-	9	5	12	11	25	16	2	8	6	3	1	(²)	(²)	1	-	-	-	-	
Goods-producing industries	397	13.86	14.23	12.00 - 14.90	-	-	-	-	-	-	11	8	11	19	27	20	1	2	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	279	16.14	16.37	14.35 - 18.32	-	-	-	-	-	-	5	-	13	(²)	21	10	4	18	14	8	3	1	1	3	-	-	-	-	
State and local government	488	14.37	12.89	12.89 - 16.17	-	-	-	(²)	4	2	3	3	54	2	1	5	4	12	1	-	-	-	9	-	-	-	-	-	
Maintenance Electricians	1,639	19.10	19.74	16.68 - 21.20	-	-	-	-	(²)	-	(²)	(²)	7	4	4	11	5	9	16	8	22	8	5	-	-	-	(²)		
Private industry	1,160	19.01	19.06	16.68 - 20.43	-	-	-	-	-	-	-	-	2	4	5	15	7	13	21	12	2	11	7	-	-	-	-	1	
Goods-producing industries	576	18.56	18.92	16.47 - 19.74	-	-	-	-	-	-	-	-	-	5	6	2	25	5	9	25	(²)	2	22	-	-	-	-	-	
Manufacturing	574	18.57	18.95	16.47 - 19.74	-	-	-	-	-	-	-	-	-	5	6	2	25	5	9	25	(²)	2	22	-	-	-	-	-	
Service-producing industries	584	19.46	19.68	17.92 - 20.43	-	-	-	-	-	-	-	-	-	-	3	9	6	8	17	18	23	2	1	14	-	-	-	1	
Maintenance Electronics Technicians	1,043	17.65	17.00	14.98 - 19.86	-	-	-	(²)	-	-	3	(²)	1	5	16	15	7	9	16	4	12	(²)	1	(²)	-	11	-		
Private industry	882	17.61	16.49	14.98 - 20.05	-	-	-	(²)	-	4	-	1	6	17	17	9	9	4	4	14	(²)	1	(²)	-	13	-	-	-	
Goods-producing industries	407	15.79	14.98	14.81 - 17.00	-	-	-	1	-	8	-	1	11	32	11	6	9	3	(²)	17	1	-	-	-	-	-	-	-	
Manufacturing	407	15.79	14.98	14.81 - 17.00	-	-	-	1	-	8	-	1	11	32	11	6	9	3	(²)	17	1	-	-	-	-	-	-	-	
Service-producing industries	475	19.17	17.84	15.76 - 22.77	-	-	-	-	-	-	-	-	2	2	5	22	11	9	4	7	11	-	3	1	-	23	-		
Level 2	640	16.48	16.28	14.98 - 18.46	-	-	-	-	-	-	-	(²)	5	25	18	11	12	24	5	-	-	-	-	-	-	-	-	-	
Private industry	483	16.01	15.76	14.98 - 17.00	-	-	-	-	-	-	-	-	1	5	31	23	15	14	5	6	-	-	-	-	-	-	-	-	
Service-producing industries	258	16.49	16.00	15.70 - 17.38	-	-	-	-	-	-	-	-	1	3	8	38	21	13	5	11	-	-	-	-	-	-	-	-	
Maintenance Machinists	758	16.90	16.65	15.23 - 18.58	-	-	-	-	-	-	-	(²)	-	22	7	35	4	10	10	6	3	(²)	-	-	-	-	-	-	
Private industry	757	16.91	16.65	15.23 - 18.58	-	-	-	-	-	-	-	(²)	-	22	7	36	4	10	10	6	3	(²)	-	-	-	-	-	-	
Goods-producing industries	706	16.67	16.62	15.23 - 18.05	-	-	-	-	-	-	-	(²)	-	24	8	38	5	11	10	-	4	(²)	-	-	-	-	-	-	
Manufacturing	706	16.67	16.62	15.23 - 18.05	-	-	-	-	-	-	-	(²)	-	24	8	38	5	11	10	-	4	(²)	-	-	-	-	-	-	
Maintenance Mechanics, Machinery	2,586	17.42	16.50	15.48 - 19.23	-	-	-	-	-	-	-	1	3	9	8	19	17	4	4	23	2	1	(²)	5	5	-	(²)		
Private industry	2,171	17.11	16.01	15.02 - 18.75	-	-	-	-	-	-	-	1	3	10	9	22	20	5	9	2	1	(²)	(²)	5	6	-	(²)		
Goods-producing industries	1,631	15.80	15.95	14.56 - 16.70	-	-	-	-	-	-	-	1	4	14	12	25	26	6	4	7	(²)	(²)	-	-	-	-	(²)		
Manufacturing	1,620	15.78	15.95	14.58 - 16.70	-	-	-	-	-	-	-	1	4	14	12	25	26	6	4	7	(²)	(²)	-	-	-	-	(²)		
Service-producing industries	540	21.06	21.25	18.63 - 23.83	-	-	-	-	-	-	-	-	-	-	13	4	1	7	17	7	4	1	22	24	-	(²)			
Transportation and utilities	325	23.03	23.83	23.31 - 24.43	-	-	-	-	-	-	-	-	-	-	-	-	-	6	18	-	-	-	36	39	-	1			
Maintenance Mechanics, Motor Vehicle	1,387	17.52	17.54	14.50 - 20.20	-	-	-	-	-	-	-	3	4	13	14	11	1	11	8	10	3	6	7	6	4	-	-		
Private industry	1,109	18.20	18.33	14.93 - 21.89	-	-	-	-	-	-	-	2	3	9	12	8	2	10	10	12	4	8	7	5	-	-			
Service-producing industries	989	18.45	18.65	15.00 - 21.89	-	-	-	-	-	-	-	2	4	8	9	9	2	11	6	13	5	9	9	8	6	-	-		
Transportation and utilities	702	19.37	20.20	15.75 - 22.54	-	-	-	-	-	-	-	3	5	7	3	7	1	2	3	17	6	12	13	11	8	-	-		
State and local government	278	14.81	14.59	13.16 - 15.84	-	-	-	-	-	-	-	4	8	27	19	25	-	17	-	-	-	-	-	-	-	-	-		

See footnotes at end of table.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	Under 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 - 26.00	26.00 and over	
Maintenance Pipefitters	441	\$19.57	\$21.20	\$19.06 - \$21.20	-	-	-	-	-	-	-	-	-	-	14	3	1	(²)	4	1	10	4	54	-	8	-	-	-
Private industry	192	18.79	19.06	16.63 - 21.09	-	-	-	-	-	-	-	-	-	15	7	2	1	10	3	24	9	10	-	19	-	-	-	
Skilled Multi-Craft Maintenance Workers	137	18.47	16.93	15.95 - 20.29	-	-	-	-	-	-	-	-	-	3	4	26	20	4	-	11	24	-	-	-	-	-	9	
Private industry	133	18.62	16.93	15.95 - 20.29	-	-	-	-	-	-	-	-	-	-	4	26	20	5	-	11	25	-	-	-	-	-	9	
Tool and Die Makers	500	17.66	16.08	15.78 - 20.05	-	-	-	-	-	-	-	-	-	-	13	37	1	18	-	-	11	(²)	19	(²)	-	-	-	
Private industry	500	17.66	16.08	15.78 - 20.05	-	-	-	-	-	-	-	-	-	-	13	37	1	18	-	-	11	(²)	19	(²)	-	-	-	
Goods-producing industries	500	17.66	16.08	15.78 - 20.05	-	-	-	-	-	-	-	-	-	-	13	37	1	18	-	-	11	(²)	19	(²)	-	-	-	

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

² Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	5.00 and under 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	
Guards	6,492	\$8.32	\$7.70	\$7.00 - \$8.68	1	6	4	3	28	12	19	8	3	1	1	2	4	4	2	1	3	-	-	-	-	-	-	-
Private industry	6,279	8.19	7.65	7.00 - 8.50	1	6	4	3	29	13	19	8	3	1	1	2	3	3	1	1	2	-	-	-	-	-	-	
Goods-producing industries	240	14.26	15.47	13.02 - 15.47	-	-	-	-	-	-	-	-	-	2	1	4	10	8	3	17	56	-	-	-	-	-	-	
Manufacturing	240	14.26	15.47	13.02 - 15.47	-	-	-	-	-	-	-	-	-	2	1	4	10	8	3	17	56	-	-	-	-	-	-	
Service-producing industries	6,039	7.95	7.60	7.00 - 8.25	1	6	4	3	30	13	20	8	3	1	1	2	3	3	1	(²)	(²)	-	-	-	-	-	-	
Level 1	6,035	8.04	7.60	7.00 - 8.25	1	6	4	3	30	13	20	8	3	1	1	1	2	1	1	1	2	-	-	-	-	-	-	
Private industry	5,846	7.90	7.50	7.00 - 8.25	1	6	4	3	31	14	21	8	3	1	1	1	2	1	(²)	1	2	-	-	-	-	-	-	
Service-producing industries	5,654	7.68	7.50	7.00 - 8.20	1	7	5	3	32	14	21	8	3	1	1	1	2	(²)	(²)	(²)	(²)	-	-	-	-	-	-	
Level 2	457	11.98	12.45	11.01 - 12.45	-	-	-	-	-	-	-	6	3	1	4	10	17	38	10	7	3	-	-	-	-	-	-	
Private industry	433	12.05	12.45	11.21 - 12.45	-	-	-	-	-	-	-	6	3	1	3	9	16	40	10	8	3	-	-	-	-	-	-	
Janitors	26,656	9.08	8.15	7.65 - 10.75	1	4	5	2	11	6	27	4	5	3	5	5	13	7	1	(²)	1	-	(²)	-	-	-	-	
Private industry	19,184	8.26	8.15	7.48 - 8.48	1	5	6	3	15	7	37	4	4	3	2	1	5	3	1	(²)	(²)	-	(²)	-	-	-	-	
Goods-producing industries	948	9.26	9.37	8.25 - 9.96	1	-	10	-	4	1	14	3	31	15	2	11	5	2	(²)	3	-	-	-	-	-	-	-	
Manufacturing	948	9.26	9.37	8.25 - 9.96	1	-	10	-	4	1	14	3	31	15	2	11	5	2	(²)	3	-	-	-	-	-	-	-	
Service-producing industries	18,236	8.21	8.15	7.48 - 8.40	1	6	6	3	15	8	38	5	3	2	2	1	5	3	1	(²)	(²)	-	(²)	-	-	-	-	
State and local government	7,472	11.18	11.31	10.48 - 11.82	-	-	-	-	(²)	2	2	3	6	4	15	14	32	20	(²)	1	2	-	-	-	-	-	-	
Material Movement and Storage Workers	19,963	11.12	10.90	8.84 - 13.23	1	(²)	5	3	5	3	4	5	6	6	7	5	7	16	4	13	4	(²)	4	(²)	-	1	(²)	
Private industry	19,801	11.11	10.89	8.84 - 13.19	1	(²)	5	3	5	3	4	5	6	6	7	5	7	16	4	13	4	(²)	4	(²)	-	1	(²)	
Goods-producing industries	6,508	10.59	10.20	9.05 - 11.85	1	1	1	2	4	1	5	5	11	10	14	8	14	8	1	1	12	(²)	-	-	-	-	-	
Manufacturing	6,500	10.59	10.20	9.03 - 11.85	1	1	1	2	4	1	5	5	11	10	14	8	13	8	1	1	12	(²)	-	-	-	-	-	
Service-producing industries:																												
Transportation and utilities	219	18.63	20.07	16.46 - 20.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	24	1	6	-	50	6	
State and local government	162	12.78	12.48	11.37 - 13.60	-	-	-	-	-	-	-	1	2	2	6	2	14	25	31	1	14	2	-	-	-	-	-	
Level 1:																												
Private industry:																												
Goods-producing industries	1,378	8.02	8.00	6.50 - 9.00	5	4	6	11	13	4	15	16	11	1	4	7	1	-	(²)	3	(²)	-	-	-	-	-	-	
Manufacturing	1,378	8.02	8.00	6.50 - 9.00	5	4	6	11	13	4	15	16	11	1	4	7	1	-	(²)	3	(²)	-	-	-	-	-	-	
Level 2	10,395	12.37	12.61	10.15 - 13.75	-	-	-	-	1	1	2	1	6	8	10	6	9	28	3	8	8	1	7	(²)	-	1	(²)	
Private industry	10,263	12.36	12.61	10.10 - 13.75	-	-	-	-	1	1	2	1	6	8	10	6	9	28	3	8	8	1	7	(²)	-	1	(²)	
Goods-producing industries	4,997	11.25	10.55	9.65 - 12.49	-	-	-	-	2	(²)	3	2	11	13	18	8	16	10	1	1	16	-	-	-	-	-	-	
Manufacturing	4,989	11.25	10.55	9.65 - 12.49	-	-	-	-	2	(²)	3	2	11	13	18	8	16	10	1	1	16	-	-	-	-	-	-	
Service-producing industries	5,266	13.42	12.86	12.86 - 14.00	-	-	-	-	(²)	1	1	1	1	1	4	3	3	3	45	5	14	1	1	13	(²)	-	2	
Transportation and utilities	219	18.63	20.07	16.46 - 20.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	11	24	1	6	-	50	6	
State and local government	132	12.93	12.48	11.84 - 13.30	-	-	-	-	-	-	-	-	-	1	6	2	17	30	24	2	17	2	-	-	-	-	-	
Shipping/Receiving Clerks:																												
Private industry:																												
Goods-producing industries	1,312	10.66	10.45	9.85 - 11.68	-	-	-	-	4	(²)	4	(²)	9	8	27	3	23	15	3	2	1	-	-	-	-	-	-	
Manufacturing	1,312	10.66	10.45	9.85 - 11.68	-	-	-	-	4	(²)	4	(²)	9	8	27	3	23	15	3	2	1	-	-	-	-	-	-	

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	5.00 and under 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	
Truckdrivers	7,943	\$14.41	\$13.85	\$12.00 - \$19.37	-	-	-	-	(²)	(²)	5	2	2	1	7	2	6	15	14	15	4	(²)	(²)	(²)	24	4	-	
Private industry	7,704	14.52	13.85	12.00 - 19.37	-	-	-	-	(²)	(²)	6	2	1	1	6	1	6	15	14	15	4	(²)	-	(²)	25	4	-	
Goods-producing industries	1,818	13.52	13.85	12.00 - 14.68	-	-	-	-	(²)	(²)	2	7	5	1	2	5	1	5	34	20	7	(²)	-	(²)	11	-	-	
Manufacturing	1,462	12.61	13.75	10.82 - 13.85	-	-	-	-	(²)	(²)	3	8	6	2	3	6	2	7	41	15	7	-	-	-	-	-	-	
Service-producing industries	5,886	14.83	14.60	12.00 - 19.37	-	-	-	-	(²)	(²)	7	1	(²)	(²)	7	(²)	7	18	8	14	4	-	-	(²)	29	5	-	
Transportation and utilities	3,355	16.42	19.37	12.00 - 19.92	-	-	-	-	-	-	-	-	-	-	11	-	12	6	10	1	(²)	-	-	(²)	51	9	-	
State and local government	239	10.99	10.82	10.14 - 11.84	-	-	-	-	-	-	-	8	14	-	23	9	23	22	-	-	-	-	2	-	-	-	-	
Light Truck	762	10.04	9.47	8.30 - 10.82	-	-	-	-	2	3	23	12	11	6	8	11	5	5	8	5	-	-	-	(²)	(²)	-	-	
Private industry	758	10.03	9.47	8.30 - 10.82	-	-	-	-	2	3	23	12	11	6	8	11	5	5	8	5	-	-	-	(²)	(²)	-	-	
Service-producing industries	336	9.52	8.55	8.00 - 10.63	-	-	-	-	2	6	40	10	2	8	5	7	5	1	12	1	-	-	-	1	1	-	-	
Heavy Truck	2,747	12.30	12.00	10.14 - 13.75	-	-	-	-	-	-	9	1	1	-	17	1	16	11	25	13	2	(²)	-	(²)	5	(²)	-	
Private industry	2,558	12.40	12.37	10.30 - 13.82	-	-	-	-	-	-	10	-	-	-	16	-	16	10	27	14	2	(²)	-	(²)	6	(²)	-	
Tractor Trailer	1,836	14.71	13.85	12.86 - 15.41	-	-	-	-	-	-	-	-	(²)	(²)	-	(²)	2	(²)	46	14	4	15	-	-	-	3	16	-
Private industry	1,836	14.71	13.85	12.86 - 15.41	-	-	-	-	-	-	-	-	(²)	(²)	-	(²)	2	(²)	46	14	4	15	-	-	-	3	16	-

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

² Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
PROFESSIONAL OCCUPATIONS																										
Accountants	4,030	38.9	\$819	\$766	\$642 -- \$922	2	16	21	19	16	8	6	3	3	2	1	1	1	1	(³)	(³)	(³)	--	--	(³)	(³)
Private industry	3,383	39.1	834	766	633 -- 952	2	17	20	16	14	9	7	4	4	2	1	1	1	1	(³)	(³)	(³)	--	--	(³)	(³)
Goods-producing industries	1,206	39.3	857	812	646 -- 988	--	15	20	14	18	9	7	6	3	3	1	2	2	(³)	--	--	--	--	--	--	--
Manufacturing	1,141	39.3	850	788	642 -- 953	--	16	21	15	16	9	7	4	3	3	1	2	2	1	--	--	--	--	--	--	--
Service-producing industries	2,177	39.1	820	747	615 -- 939	3	19	20	17	12	9	7	3	4	1	1	1	1	1	(³)	(³)	(³)	--	--	(³)	(³)
Transportation and utilities	113	40.0	959	898	777 -- 1,158	--	--	6	28	16	6	14	18	10	1	1	--	--	--	--	--	--	--	--	--	--
State and local government	647	37.8	743	767	643 -- 841	3	8	25	32	27	2	4	(³)	--	(³)	--	--	--	--	--	--	--	--	--	--	--
Level 1	349	38.6	556	543	500 -- 626	18	51	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Private industry	240	39.2	536	529	500 -- 567	20	69	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Service-producing industries	204	39.1	532	523	500 -- 561	24	64	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Level 2	1,295	38.6	638	635	577 -- 702	2	35	37	25	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Private industry	1,096	38.8	634	622	577 -- 691	2	38	37	21	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Goods-producing industries	367	38.7	631	620	577 -- 691	--	38	42	18	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manufacturing	366	38.7	631	620	577 -- 691	--	38	42	18	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Service-producing industries	729	38.9	636	630	577 -- 692	3	38	35	22	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
State and local government	199	37.3	661	689	618 -- 714	2	17	35	46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Level 3	1,248	39.1	792	789	717 -- 860	--	1	20	32	34	10	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--
Private industry	997	39.3	789	779	698 -- 865	--	1	24	29	30	13	2	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--
Goods-producing industries	324	39.7	784	770	691 -- 865	--	2	26	27	30	15	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manufacturing	290	39.8	777	766	683 -- 865	--	2	29	28	23	16	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Service-producing industries	673	39.2	791	785	706 -- 868	--	1	23	30	30	12	3	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--
State and local government	251	38.4	805	810	768 -- 841	--	1	4	45	50	(³)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Level 4	835	39.2	1,013	1,002	888 -- 1,110	--	--	--	4	23	22	25	13	11	1	(³)	1	--	--	--	--	--	--	--	--	--
Private industry	747	39.4	1,024	1,017	906 -- 1,121	--	--	--	4	20	23	25	14	12	1	(³)	1	--	--	--	--	--	--	--	--	--
Goods-producing industries	364	39.4	995	988	865 -- 1,110	--	--	--	6	31	15	21	18	5	1	1	2	--	--	--	--	--	--	--	--	--
Manufacturing	335	39.6	981	948	865 -- 1,058	--	--	--	7	33	16	23	12	6	1	--	2	--	--	--	--	--	--	--	--	--
Service-producing industries	383	39.4	1,051	1,036	956 -- 1,169	--	--	--	2	9	30	29	10	19	1	--	--	--	--	--	--	--	--	--	--	--
State and local government	88	38.0	924	873	873 -- 1,002	--	--	--	2	55	14	26	2	--	1	--	--	--	--	--	--	--	--	--	--	--
Level 5	240	39.1	1,379	1,366	1,240 -- 1,521	--	--	--	--	(³)	--	5	14	14	25	14	11	15	2	--	--	--	--	--	--	--
Private industry	240	39.1	1,379	1,366	1,240 -- 1,521	--	--	--	--	(³)	--	5	14	14	25	14	11	15	2	--	--	--	--	--	--	--
Goods-producing industries	108	39.4	1,426	1,376	1,327 -- 1,606	--	--	--	--	--	--	3	7	12	31	6	15	25	--	--	--	--	--	--	--	--
Manufacturing	107	39.4	1,423	1,376	1,327 -- 1,596	--	--	--	--	--	--	3	7	12	32	7	15	24	--	--	--	--	--	--	--	--
Service-producing industries	132	38.9	1,341	1,347	1,185 -- 1,456	--	--	--	--	1	--	8	19	15	19	20	8	3	--	--	--	--	--	--	--	--
Level 6	51	38.9	1,825	--	--	--	--	--	--	--	--	--	--	2	6	--	2	12	35	14	10	12	--	--	4	4
Private industry	51	38.9	1,825	--	--	--	--	--	--	--	--	--	--	2	6	--	2	12	35	14	10	12	--	--	4	4

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Attorneys	1,232	38.0	\$1,372	\$1,156	\$938 - \$1,824	-	-	1	7	12	26	4	7	5	3	3	2	4	3	4	4	3	3	5	3	3
Private industry	555	38.8	1,873	1,886	1,539 - 2,175	-	-	(³)	-	1	2	2	8	2	3	6	4	9	6	10	10	8	7	11	7	6
Service-producing industries	412	38.8	1,868	1,837	1,539 - 2,190	-	-	(³)	-	1	(³)	3	8	2	2	6	6	12	7	9	7	5	7	12	6	7
Level 2:																										
Private industry	63	38.0	1,130	-	- - -	-	-	-	-	6	14	17	44	-	10	8	-	-	-	-	-	-	-	-	-	-
Level 3	210	37.2	1,420	1,395	1,281 - 1,615	-	-	-	-	2	1	10	27	12	13	8	19	3	5	-	-	-	-	-	-	-
Private industry	129	38.2	1,519	1,549	1,417 - 1,654	-	-	-	-	-	-	-	12	5	5	21	12	31	5	9	-	-	-	-	-	-
Service-producing industries	107	38.3	1,521	1,587	1,417 - 1,654	-	-	-	-	-	-	-	14	6	-	17	15	37	4	7	-	-	-	-	-	-
Level 4	225	39.1	1,983	1,981	1,865 - 2,115	-	-	-	-	-	-	-	-	-	1	1	1	4	7	16	22	18	16	12	2	-
Private industry	225	39.1	1,983	1,981	1,865 - 2,115	-	-	-	-	-	-	-	-	-	1	1	1	4	7	16	22	18	16	12	2	-
Service-producing industries	154	39.2	1,982	1,983	1,827 - 2,144	-	-	-	-	-	-	-	-	-	2	2	2	5	10	13	17	13	17	16	3	-
Engineers	21,431	39.7	1,238	1,201	973 - 1,444	(³)	1	3	5	8	10	10	12	11	10	8	6	4	4	2	2	1	1	1	(³)	(³)
Private industry	20,042	39.8	1,260	1,228	999 - 1,465	(³)	1	3	4	8	10	10	11	11	11	8	7	5	4	2	2	1	1	1	(³)	(³)
Goods-producing industries	15,353	39.8	1,249	1,212	981 - 1,458	(³)	1	3	4	9	11	10	11	11	10	8	6	4	3	2	2	1	1	1	(³)	(³)
Manufacturing	13,969	40.0	1,277	1,231	1,013 - 1,476	-	(³)	1	4	8	10	11	12	11	11	9	7	4	4	3	2	1	1	1	(³)	(³)
Service-producing industries	4,689	39.8	1,297	1,273	1,066 - 1,502	-	(³)	1	4	5	8	10	12	12	13	8	8	6	5	2	1	1	(³)	(³)	(³)	
Transportation and utilities	1,627	40.0	1,272	1,266	1,100 - 1,405	-	-	-	1	4	8	11	16	13	21	9	5	5	4	1	(³)	1	-	(³)	-	
Level 1	738	38.9	706	696	658 - 737	-	4	49	34	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	429	39.9	726	706	669 - 787	-	5	39	32	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	292	39.9	703	697	653 - 740	-	7	47	34	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	289	39.9	703	697	658 - 740	-	6	46	34	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	1,820	39.0	796	795	705 - 858	-	6	19	28	32	11	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,565	39.3	796	789	692 - 874	-	6	20	27	28	13	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	1,162	39.2	758	769	673 - 835	-	9	24	29	30	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	795	39.9	815	808	762 - 865	-	(³)	6	39	43	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	403	39.7	905	898	781 - 990	-	(³)	6	22	22	30	6	10	3	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	3,333	39.6	962	941	877 - 1,048	-	-	(³)	6	26	34	19	12	2	1	-	-	-	-	-	-	-	-	-	-	-
Private industry	3,015	39.8	967	952	877 - 1,058	-	-	(³)	5	27	31	20	13	3	1	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	2,141	39.8	941	923	865 - 1,002	-	-	-	6	33	35	16	8	2	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	1,974	40.0	946	933	866 - 1,015	-	-	-	6	32	34	18	9	2	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	874	39.8	1,030	1,046	954 - 1,114	-	-	(³)	5	12	22	30	24	5	2	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	422	40.0	1,086	1,095	1,035 - 1,133	-	-	-	-	5	13	34	37	7	3	-	-	-	-	-	-	-	-	-	-	-
Level 4	6,103	39.6	1,144	1,126	1,035 - 1,243	-	-	(³)	4	14	21	28	16	10	5	2	(³)	-	-	-	-	-	-	-	-	-
Private industry	5,677	39.8	1,146	1,136	1,029 - 1,252	-	-	(³)	4	15	22	23	17	11	5	2	(³)	-	-	-	-	-	-	-	-	-
Goods-producing industries	4,267	39.8	1,115	1,106	1,004 - 1,210	-	-	(³)	5	18	25	24	16	7	3	1	(³)	-	-	-	-	-	-	-	-	-
Manufacturing	3,852	40.0	1,122	1,111	1,017 - 1,210	-	-	(³)	4	17	27	25	16	7	3	1	(³)	-	-	-	-	-	-	-	-	-
Service-producing industries	1,410	39.8	1,241	1,249	1,140 - 1,353	-	-	-	-	1	5	13	21	22	24	11	3	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Level 5	5,882	39.8	\$1,395	\$1,372	\$1,269 - \$1,505	-	-	-	-	-	(³)	2	9	20	24	18	13	7	4	1	(³)	(³)	(³)	-	-	-
Private industry	5,801	39.9	1,398	1,375	1,274 - 1,507	-	-	-	-	-	(³)	2	9	19	25	19	13	7	4	1	(³)	(³)	(³)	-	-	-
Goods-producing industries	4,605	39.9	1,377	1,360	1,255 - 1,478	-	-	-	-	-	(³)	3	11	20	26	19	11	6	3	1	(³)	(³)	(³)	-	-	-
Manufacturing	4,355	40.0	1,376	1,362	1,258 - 1,475	-	-	-	-	-	(³)	3	11	20	25	20	11	5	3	1	(³)	(³)	(³)	-	-	-
Service-producing industries	1,196	39.8	1,479	1,464	1,331 - 1,596	-	-	-	-	-	-	1	2	15	21	17	20	12	9	2	(³)	1	(³)	-	-	-
Transportation and utilities	302	40.0	1,494	1,455	1,359 - 1,629	-	-	-	-	-	(³)	2	9	28	15	15	17	12	-	-	2	-	-	-	-	-
Level 6	2,588	40.0	1,693	1,671	1,537 - 1,832	-	-	-	-	-	(³)	(³)	2	5	11	18	16	17	11	8	5	2	2	(³)	(³)	
Private industry	2,588	40.0	1,693	1,671	1,537 - 1,832	-	-	-	-	-	(³)	(³)	2	5	11	18	16	17	11	8	5	2	2	(³)	(³)	
Goods-producing industries	2,071	40.0	1,687	1,663	1,525 - 1,832	-	-	-	-	-	(³)	(³)	2	6	12	18	15	16	11	9	5	2	3	(³)	-	
Manufacturing	2,050	40.0	1,686	1,658	1,525 - 1,832	-	-	-	-	-	(³)	(³)	2	6	12	18	15	16	10	9	5	2	3	(³)	-	
Service-producing industries	517	39.9	1,716	1,696	1,577 - 1,831	-	-	-	-	-	-	-	-	3	7	19	21	20	13	7	7	1	1	(³)	(³)	
Level 7	661	40.0	1,992	1,944	1,794 - 2,192	-	-	-	-	-	-	-	-	-	2	5	8	11	17	12	13	9	15	7	2	
Private industry	661	40.0	1,992	1,944	1,794 - 2,192	-	-	-	-	-	-	-	-	-	2	5	8	11	17	12	13	9	15	7	2	
Goods-producing industries	561	40.0	1,983	1,926	1,788 - 2,183	-	-	-	-	-	-	-	-	-	2	4	9	11	18	12	12	9	16	6	1	
Manufacturing	556	40.0	1,983	1,926	1,788 - 2,188	-	-	-	-	-	-	-	-	-	2	4	9	11	19	12	12	8	16	6	1	
Level 8	125	40.0	2,505	2,516	2,173 - 2,846	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	10	9	16	10	46	
Private industry	125	40.0	2,505	2,516	2,173 - 2,846	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	10	9	16	10	46	
Scientists	9,133	39.9	1,178	1,135	892 - 1,413	-	1	7	9	8	10	11	10	10	8	6	6	4	3	3	1	1	1	1	(³)	(³)
Private industry	9,099	39.9	1,180	1,135	894 - 1,415	-	1	7	9	8	10	11	10	10	8	7	6	4	3	3	1	1	1	1	(³)	(³)
Level 2	955	40.0	771	776	690 - 831	-	1	27	38	24	9	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	935	40.0	773	779	692 - 831	-	1	27	38	24	9	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3	1,800	39.9	927	924	854 - 1,000	-	-	(³)	13	27	34	20	5	(³)	(³)	-	-	-	-	-	-	-	-	-	-	
Private industry	1,793	39.9	927	924	854 - 1,000	-	-	-	13	27	34	20	5	(³)	(³)	-	-	-	-	-	-	-	-	-	-	
Level 4	2,818	39.9	1,188	1,176	1,080 - 1,277	-	-	(³)	-	1	7	22	25	23	12	6	2	(³)	(³)	(³)	-	(³)	-	-	-	
Private industry	2,818	39.9	1,188	1,176	1,080 - 1,277	-	-	(³)	-	1	7	22	25	23	12	6	2	(³)	(³)	(³)	-	(³)	-	-	-	
Level 5	1,843	39.9	1,465	1,458	1,336 - 1,579	-	-	-	-	(³)	-	(³)	4	14	20	20	20	13	6	2	(³)	1	(³)	-	-	
Private industry	1,843	39.9	1,465	1,458	1,336 - 1,579	-	-	-	-	(³)	-	(³)	4	14	20	20	20	13	6	2	(³)	1	(³)	-	-	
Level 6	636	40.0	1,760	1,750	1,634 - 1,894	-	-	-	-	-	-	-	-	1	3	6	13	17	20	15	11	8	3	2	(³)	
Private industry	636	40.0	1,760	1,750	1,634 - 1,894	-	-	-	-	-	-	-	-	1	3	6	13	17	20	15	11	8	3	2	(³)	
Scientists, Computer/Engineering	7,749	39.9	1,184	1,148	911 - 1,419	-	2	7	8	8	10	12	10	10	8	6	6	4	3	2	1	1	1	1	(³)	(³)
Private industry	7,731	39.9	1,185	1,152	913 - 1,421	-	2	7	8	8	10	12	10	10	8	6	6	4	3	2	1	1	1	1	(³)	(³)
Level 3	1,539	39.9	930	928	850 - 1,013	-	-	-	14	27	32	21	6	(³)	(³)	-	-	-	-	-	-	-	-	-	-	
Private industry	1,534	39.9	930	929	850 - 1,013	-	-	-	14	26	32	22	6	(³)	(³)	-	-	-	-	-	-	-	-	-	-	
Level 4	2,513	39.9	1,193	1,182	1,083 - 1,285	-	-	(³)	-	1	7	22	25	23	12	7	3	1	(³)	(³)	-	(³)	-	-	-	
Private industry	2,513	39.9	1,193	1,182	1,083 - 1,285	-	-	(³)	-	1	7	22	25	23	12	7	3	1	(³)	(³)	-	(³)	-	-	-	

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over		
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts	408	38.4	\$791	\$744	\$692 - \$896	(³)	6	19	39	12	15	1	3	1	3	5	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	241	37.9	784	747	644 - 858	-	8	30	23	20	7	2	4	(³)	5	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	163	39.1	762	702	620 - 827	-	11	34	23	12	10	1	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 2	138	38.6	661	644	620 - 709	-	17	46	31	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	127	38.9	667	644	620 - 716	-	14	46	34	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	109	39.5	662	644	615 - 709	-	17	45	31	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3	211	38.2	796	768	744 - 858	-	-	7	56	19	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	80	36.5	817	837	769 - 896	-	-	19	16	49	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 4	57	38.2	1,098	-	- - -	-	-	-	-	-	44	7	19	9	21	-	-	-	-	-	-	-	-	-	-	-	-	
Buyer/Contracting Specialists	1,442	39.3	816	789	679 - 942	2	9	20	21	14	16	11	5	1	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,227	39.5	840	842	702 - 968	2	8	15	19	16	19	13	5	1	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	718	39.6	861	856	721 - 979	1	6	10	23	19	19	15	5	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	688	39.6	860	859	724 - 978	1	6	9	23	19	20	15	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	509	39.3	811	800	653 - 956	3	12	21	14	13	18	11	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	90	40.0	952	916	865 - 1,027	-	-	-	10	28	28	24	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Level 1	129	39.0	558	571	526 - 589	18	60	21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	102	39.5	557	570	504 - 600	21	53	25	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	71	39.3	560	-	- - -	21	45	32	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 2	539	39.0	709	693	647 - 751	-	10	44	29	11	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	422	39.2	721	712	653 - 789	-	11	34	35	13	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	197	39.2	716	712	657 - 773	-	10	30	44	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	183	39.1	721	712	666 - 773	-	10	28	45	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	225	39.2	726	704	653 - 800	-	12	36	27	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	117	38.4	666	676	647 - 679	-	7	83	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3	593	39.4	890	896	788 - 981	-	(³)	3	25	22	28	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	522	39.6	911	912	839 - 999	-	-	2	17	25	32	20	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	358	39.6	901	904	821 - 983	-	-	2	21	26	28	17	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	350	39.6	899	904	817 - 982	-	-	2	21	26	29	17	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	164	39.5	933	944	865 - 1,015	-	-	2	7	22	39	27	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 4	181	39.9	1,071	1,076	976 - 1,148	-	-	-	2	9	19	31	23	9	6	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry	181	39.9	1,071	1,076	976 - 1,148	-	-	-	2	9	19	31	23	9	6	1	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	132	40.0	1,040	1,048	937 - 1,124	-	-	-	3	12	24	34	14	9	2	1	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	125	40.0	1,028	1,048	937 - 1,097	-	-	-	3	13	26	34	15	8	-	1	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over	
Computer Programmers	3,011	39.2	\$724	\$696	\$615 - \$798	(³)	16	34	25	13	9	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	2,920	39.3	725	696	615 - 798	(³)	15	34	25	13	9	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	278	39.4	847	835	746 - 960	-	1	10	29	22	31	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	278	39.4	847	835	746 - 960	-	1	10	29	22	31	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	2,642	39.2	712	692	615 - 783	(³)	17	37	25	12	7	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	966	39.1	634	615	577 - 673	(³)	36	46	16	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	906	39.2	630	615	577 - 673	(³)	36	48	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	884	39.2	629	615	577 - 673	(³)	37	48	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3	1,647	39.4	751	742	673 - 808	-	5	33	34	16	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,632	39.4	750	741	672 - 808	-	5	33	34	16	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	169	38.9	828	802	746 - 933	-	-	11	38	23	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	169	38.9	828	802	746 - 933	-	-	11	38	23	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,463	39.5	741	731	654 - 800	-	6	35	34	15	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 4	284	38.7	908	904	835 - 958	-	-	-	14	35	35	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	282	38.7	908	904	835 - 960	-	-	-	14	35	34	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	195	38.1	898	892	825 - 935	-	-	-	16	40	30	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems Analysts	10,244	39.2	1,028	1,019	875 - 1,154	-	1	4	9	14	17	19	16	10	5	2	1	1	(³)	(³)	-	-	-	-	-	-	-
Private industry	10,079	39.2	1,030	1,019	881 - 1,154	-	1	4	9	14	17	19	16	10	5	2	1	1	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	3,084	39.4	1,034	1,074	865 - 1,185	-	3	7	9	9	12	15	22	14	5	3	1	(³)	(³)	(³)	-	-	-	-	-	-	-
Manufacturing	3,082	39.4	1,034	1,074	865 - 1,185	-	3	7	9	9	12	15	22	14	5	3	1	(³)	(³)	(³)	-	-	-	-	-	-	-
Service-producing industries	6,995	39.1	1,029	1,010	885 - 1,140	-	(³)	2	9	17	20	21	13	9	5	2	1	1	(³)	(³)	-	-	-	-	-	-	-
Level 1	1,341	38.9	768	769	685 - 831	-	7	21	34	24	11	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,210	39.1	764	769	678 - 834	-	8	22	32	26	10	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	822	38.6	796	789	723 - 860	-	(³)	16	37	31	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 2	4,187	39.1	955	955	856 - 1,057	-	-	2	12	22	26	19	14	4	1	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	4,166	39.1	955	953	856 - 1,056	-	-	2	12	22	26	19	14	4	1	(³)	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	1,261	38.9	987	1,017	820 - 1,152	-	-	6	16	10	14	15	29	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	1,259	38.9	987	1,017	820 - 1,152	-	-	6	16	10	14	15	29	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	2,905	39.2	941	938	865 - 1,019	-	-	(³)	10	28	31	20	8	2	1	(³)	-	-	-	-	-	-	-	-	-	-	-
Level 3	3,451	39.2	1,109	1,096	1,019 - 1,210	-	-	-	(³)	5	15	30	23	18	7	2	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	3,438	39.2	1,108	1,096	1,019 - 1,210	-	-	-	(³)	5	15	30	23	18	7	2	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	935	39.6	1,118	1,115	1,007 - 1,244	-	-	-	-	9	15	22	20	22	8	4	(³)	-	-	-	-	-	-	-	-	-	-
Manufacturing	935	39.6	1,118	1,115	1,007 - 1,244	-	-	-	-	9	15	22	20	22	8	4	(³)	-	-	-	-	-	-	-	-	-	-
Service-producing industries	2,503	39.1	1,105	1,091	1,019 - 1,192	-	-	-	(³)	4	15	34	24	16	7	1	(³)	-	-	-	-	-	-	-	-	-	-
Level 4	1,178	39.6	1,314	1,298	1,173 - 1,440	-	-	-	-	(³)	2	9	19	22	21	11	7	6	3	1	-	-	-	-	-	-	-
Private industry	1,178	39.6	1,314	1,298	1,173 - 1,440	-	-	-	-	(³)	2	9	19	22	21	11	7	6	3	1	-	-	-	-	-	-	-
Service-producing industries	745	39.4	1,370	1,346	1,240 - 1,500	-	-	-	-	1	(³)	4	14	19	24	13	10	10	4	1	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	400 and under 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 - 2400	2400 - 2600	2600 and over
Personnel Supervisors/Managers	297	39.2	\$1,502	\$1,490	\$1,306 - \$1,731	-	-	-	-	-	5	7	4	8	13	15	11	9	14	4	2	4	-	2	1	1
Private industry	265	39.3	1,567	1,519	1,362 - 1,731	-	-	-	-	-	1	1	5	9	14	17	12	10	16	5	2	4	-	3	1	1
Goods-producing industries	114	39.4	1,570	1,519	1,346 - 1,720	-	-	-	-	-	-	-	5	10	12	21	11	12	11	3	5	4	-	3	3	-
Manufacturing	113	39.4	1,570	1,519	1,346 - 1,720	-	-	-	-	-	-	-	5	10	12	21	11	12	12	3	5	4	-	3	3	-
Service-producing industries	151	39.2	1,565	1,500	1,379 - 1,731	-	-	-	-	-	1	1	5	9	16	14	13	8	19	6	-	5	-	3	-	1
Level 2	131	39.3	1,464	1,442	1,306 - 1,568	-	-	-	-	-	-	1	7	11	18	22	18	5	15	2	2	-	-	-	-	-
Private industry	131	39.3	1,464	1,442	1,306 - 1,568	-	-	-	-	-	-	1	7	11	18	22	18	5	15	2	2	-	-	-	-	-
Goods-producing industries	72	39.1	1,434	-	-	-	-	-	-	-	-	-	8	15	17	25	17	6	10	-	3	-	-	-	-	-
Manufacturing	71	39.1	1,432	-	-	-	-	-	-	-	-	-	8	15	17	25	15	6	10	-	3	-	-	-	-	-
Service-producing industries	59	39.6	1,501	-	-	-	-	-	-	-	2	5	5	20	19	19	5	20	5	-	-	-	-	-	-	-
Level 3	67	39.3	1,720	-	-	-	-	-	-	-	-	-	1	6	13	9	15	30	9	-	10	-	6	-	-	-
Private industry	67	39.3	1,720	-	-	-	-	-	-	-	-	-	1	6	13	9	15	30	9	-	10	-	6	-	-	-
Director of Personnel	128	39.6	1,398	1,262	1,119 - 1,615	-	-	-	-	-	23	17	17	5	7	5	2	4	9	2	5	1	2	2	-	-
Private industry	103	39.7	1,434	1,385	1,097 - 1,769	-	-	-	-	-	29	17	2	6	8	6	3	5	11	3	6	1	2	2	-	-
Service-producing industries	64	39.7	1,451	-	-	-	-	-	-	-	17	28	3	-	13	5	5	8	17	-	-	2	3	-	-	-
Level 2	70	39.6	1,294	-	-	-	-	-	-	-	16	31	31	-	7	4	4	3	-	-	-	-	-	-	3	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 17 percent at \$2,600 and under \$2,800; 19 percent at \$2,800 and under \$3,000; 8 percent at \$3,000 and under \$3,200; and 2 percent at \$3,400 and under \$3,600.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300		
TECHNICAL OCCUPATIONS																												
Computer Operators	1,932	38.7	\$573	\$558	\$487 - \$643	(³)	1	5	9	12	18	20	11	7	10	3	2	2	(³)	1	-	-	-	-	-	-	-	-
Private industry	1,779	38.8	575	561	485 - 647	(³)	1	5	9	12	18	18	12	6	10	4	2	2	(³)	1	-	-	-	-	-	-	-	-
Goods-producing industries	613	39.1	629	615	535 - 719	-	-	5	6	7	9	15	17	8	16	9	4	4	1	-	-	-	-	-	-	-	-	
Manufacturing	588	39.1	630	627	531 - 720	-	-	5	6	7	10	15	14	9	16	9	4	4	1	-	-	-	-	-	-	-	-	
Service-producing industries	1,166	38.7	547	534	472 - 600	1	1	6	11	15	23	19	9	5	7	1	1	1	(³)	1	-	-	-	-	-	-	-	
Level 2	684	38.6	484	476	432 - 530	-	2	12	21	26	20	13	6	(³)	(³)	-	-	(³)	-	-	-	-	-	-	-	-	-	
Private industry	589	38.9	477	465	420 - 519	-	2	14	23	28	19	6	7	(³)	1	-	-	(³)	-	-	-	-	-	-	-	-	-	
Goods-producing industries	124	39.4	474	432	403 - 565	-	-	24	29	16	2	6	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	100	39.8	440	416	396 - 465	-	-	30	36	20	2	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	465	38.7	478	472	434 - 516	-	3	11	22	31	24	7	2	(³)	1	-	-	(³)	-	-	-	-	-	-	-	-	-	
Level 3	830	38.8	587	576	533 - 637	-	-	-	2	7	26	31	15	11	8	1	1	(³)	-	-	-	-	-	-	-	-	-	
Private industry	782	38.9	587	576	531 - 633	-	-	-	2	7	26	31	15	9	8	1	1	(³)	-	-	-	-	-	-	-	-	-	
Goods-producing industries	227	39.7	591	587	530 - 639	-	-	(³)	10	24	30	15	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	226	39.7	591	587	530 - 639	-	-	(³)	10	23	31	15	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	555	38.6	585	573	533 - 630	-	-	-	2	6	27	31	15	7	10	(³)	1	(³)	-	-	-	-	-	-	-	-	-	
Level 4	358	38.5	726	719	635 - 794	-	-	-	-	-	1	9	16	11	28	15	6	8	2	3	-	-	-	-	-	-	-	
Private industry	351	38.5	727	719	635 - 794	-	-	-	-	-	1	9	16	11	28	16	7	8	2	3	-	-	-	-	-	-	-	
Service-producing industries	89	39.0	704	683	595 - 749	-	-	-	-	-	4	22	16	15	18	6	2	4	1	11	-	-	-	-	-	-	-	
Drafters	750	39.3	676	677	483 - 811	(³)	2	1	8	18	5	8	4	9	7	12	6	4	2	7	3	2	2	-	-	-	-	
Private industry	659	39.7	697	696	500 - 837	(³)	2	1	9	12	3	8	5	10	7	13	6	5	3	8	3	2	2	-	-	-	-	
Goods-producing industries	339	40.0	751	798	616 - 869	1	3	2	9	4	3	3	3	3	12	22	11	3	5	6	5	4	4	-	-	-	-	
Manufacturing	333	40.0	751	798	620 - 864	1	3	2	9	4	3	2	3	3	12	22	11	2	5	6	5	4	4	-	-	-	-	
Service-producing industries	320	39.5	640	602	483 - 754	-	2	-	9	21	4	13	6	17	3	5	2	7	-	10	1	-	-	-	-	-	-	
Level 2	275	38.4	490	479	451 - 514	1	2	2	19	48	12	8	4	1	-	3	-	-	-	-	-	-	-	-	-	-	-	
Private industry	195	39.4	489	479	431 - 500	2	3	3	27	39	7	8	6	2	-	4	-	-	-	-	-	-	-	-	-	-	-	
Level 3	250	39.7	728	706	620 - 838	-	-	-	-	2	3	15	8	22	14	8	6	10	(³)	11	1	-	-	-	-	-	-	
Private industry	239	39.8	728	696	616 - 838	-	-	-	-	2	3	15	8	22	13	7	7	10	(³)	12	1	-	-	-	-	-	-	
Goods-producing industries	91	40.0	717	721	641 - 787	-	-	-	-	3	2	10	11	12	29	12	11	4	1	2	2	-	-	-	-	-	-	
Service-producing industries	148	39.8	735	695	604 - 880	-	-	-	-	1	3	19	6	28	3	3	4	14	-	18	-	-	-	-	-	-	-	
Level 4	209	39.9	880	837	798 - 990	-	-	-	-	-	-	-	-	5	8	31	12	4	8	11	9	6	6	-	-	-	-	
Private industry	209	39.9	880	837	798 - 990	-	-	-	-	-	-	-	-	5	8	31	12	4	8	11	9	6	6	-	-	-	-	
Goods-producing industries	180	40.0	888	837	798 - 989	-	-	-	-	-	-	-	-	-	7	34	14	3	9	9	8	7	7	-	-	-	-	

See footnotes at end of table.

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300	
Engineering Technicians	3,469	40.0	\$745	\$750	\$603 - \$890	2	(³)	(³)	8	3	5	7	6	10	10	7	11	12	7	4	3	2	1	2	1	1	
Private industry	3,460	40.0	745	750	603 - 890	2	(³)	(³)	8	3	5	7	6	10	10	7	11	12	7	4	3	2	1	2	1	1	
Goods-producing industries	2,719	40.0	714	718	579 - 890	3	(³)	(³)	10	3	5	7	6	11	10	8	7	13	7	5	3	1	(³)	1	(³)	-	
Manufacturing	2,719	40.0	714	718	579 - 890	3	(³)	(³)	10	3	5	7	6	11	10	8	7	13	7	5	3	1	(³)	1	(³)	-	
Service-producing industries	741	39.9	858	818	731 - 1,000	-	(³)	(³)	-	3	1	5	4	6	9	4	24	5	10	2	5	5	5	5	3	3	
Level 2	602	40.0	501	471	410 - 576	-	-	-	44	11	11	15	11	7	(³)	-	-	-	-	-	-	-	-	-	-	-	
Private industry	602	40.0	501	471	410 - 576	-	-	-	44	11	11	15	11	7	(³)	-	-	-	-	-	-	-	-	-	-	-	
Level 3	875	40.0	706	692	596 - 890	-	-	-	-	4	8	14	10	16	17	3	1	22	4	-	-	-	-	-	-	-	
Private industry	868	40.0	706	692	596 - 890	-	-	-	-	4	8	15	10	16	17	3	1	22	4	-	-	-	-	-	-	-	
Goods-producing industries	702	40.0	705	692	592 - 890	-	-	-	-	4	10	14	9	15	16	3	1	28	1	-	-	-	-	-	-	-	
Manufacturing	702	40.0	705	692	592 - 890	-	-	-	-	4	10	14	9	15	16	3	1	28	1	-	-	-	-	-	-	-	
Level 4	1,086	40.0	783	792	718 - 819	-	-	-	-	-	1	1	4	14	15	16	28	8	7	3	1	-	-	-	-	-	
Private industry	1,084	40.0	783	791	718 - 819	-	-	-	-	-	1	1	4	14	15	16	28	8	7	3	1	-	-	-	-	-	
Goods-producing industries	850	40.0	779	775	701 - 844	-	-	-	-	-	1	2	5	16	16	19	16	10	9	4	2	-	-	-	-	-	
Manufacturing	850	40.0	779	775	701 - 844	-	-	-	-	-	1	2	5	16	16	19	16	10	9	4	2	-	-	-	-	-	
Level 5	665	40.0	932	928	866 - 994	-	-	-	-	-	-	-	-	1	4	7	10	18	20	15	12	6	2	4	1	-	
Private industry	665	40.0	932	928	866 - 994	-	-	-	-	-	-	-	-	1	4	7	10	18	20	15	12	6	2	4	1	-	
Goods-producing industries	505	40.0	924	919	848 - 983	-	-	-	-	-	-	-	-	1	4	9	11	17	19	18	11	4	2	4	(³)	-	
Manufacturing	505	40.0	924	919	848 - 983	-	-	-	-	-	-	-	-	1	4	9	11	17	19	18	11	4	2	4	(³)	-	
Engineering Technicians, Civil	1,093	39.0	675	623	500 - 808	-	-	-	9	13	7	17	10	6	4	4	9	7	1	5	6	2	(³)	-	-	-	
Level 3:																											
State and local government	135	36.9	622	600	600 - 648	-	-	-	-	5	1	47	23	10	14	-	-	-	-	-	-	-	-	-	-	-	
PROTECTIVE SERVICE OCCUPATIONS																											
Firefighters:																											
State and local government	6,123	42.1	638	603	603 - 641	-	-	-	-	1	3	15	61	4	(³)	4	4	8	-	-	-	-	-	-	-	-	-
Police Officers	7,542	39.9	640	622	546 - 779	-	-	-	1	1	42	5	8	10	7	24	3	-	-	-	-	-	-	-	-	-	-
State and local government	7,371	39.9	640	615	546 - 779	-	-	-	(³)	1	43	5	8	10	6	25	3	-	-	-	-	-	-	-	-	-	-
Level 1	7,539	39.9	640	622	546 - 779	-	-	-	1	1	42	5	8	10	7	24	3	-	-	-	-	-	-	-	-	-	-
State and local government	7,368	39.9	640	615	546 - 779	-	-	-	(³)	1	43	5	8	10	6	25	3	-	-	-	-	-	-	-	-	-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over
Clerks, Accounting	2,954	38.7	\$485	\$472	\$424 -- \$529	-	(³)	(³)	1	3	4	7	8	13	24	23	7	3	2	1	3	(³)	-	-	-	-
Private industry	2,364	39.2	484	464	422 -- 525	-	(³)	1	2	4	5	7	10	12	24	16	8	3	2	1	4	1	-	-	-	-
Goods-producing industries	964	39.3	509	506	450 -- 566	-	-	1	3	1	1	4	6	8	24	23	13	7	5	1	2	-	-	-	-	-
Manufacturing	849	39.5	499	489	446 -- 549	-	-	1	3	1	2	4	6	9	27	21	11	7	6	1	-	-	-	-	-	-
Service-producing industries	1,400	39.2	467	449	401 -- 500	-	(³)	-	1	6	7	10	13	14	24	11	5	1	(³)	1	5	1	-	-	-	-
Level 2	977	38.5	415	412	375 -- 455	-	-	1	4	9	10	17	17	14	21	4	1	(³)	-	1	-	-	-	-	-	-
Private industry	856	39.0	411	410	373 -- 445	-	-	1	5	9	11	16	19	15	18	4	1	(³)	-	1	-	-	-	-	-	-
Service-producing industries	703	39.1	416	413	375 -- 449	-	-	-	2	10	12	15	20	16	18	4	1	(³)	-	1	-	-	-	-	-	-
State and local government	121	35.0	440	466	395 -- 480	-	-	-	-	5	2	31	2	9	46	5	-	-	-	-	-	-	-	-	-	-
Level 3	1,589	38.7	497	491	452 -- 544	-	-	-	(³)	(³)	2	3	5	14	29	35	8	4	(³)	-	2	-	-	-	-	-
Private industry	1,131	39.3	495	485	452 -- 525	-	-	-	(³)	1	3	7	12	35	24	11	4	(³)	-	2	-	-	-	-	-	-
Goods-producing industries	610	39.4	513	502	463 -- 545	-	-	-	-	(³)	1	5	10	32	27	12	7	(³)	-	4	-	-	-	-	-	-
Manufacturing	496	39.8	495	482	456 -- 525	-	-	-	-	1	1	6	12	40	23	9	7	1	-	-	-	-	-	-	-	-
Service-producing industries	521	39.2	475	465	442 -- 506	-	-	-	(³)	2	6	8	15	38	22	9	1	(³)	-	-	-	-	-	-	-	-
Level 4	374	39.4	621	597	529 -- 737	-	-	-	-	-	1	1	3	9	20	18	7	13	4	21	4	-	-	-	-	-
Private industry	363	39.4	626	604	535 -- 754	-	-	-	-	-	-	-	2	8	21	18	8	13	4	21	4	-	-	-	-	-
Service-producing industries	168	39.5	661	754	546 -- 754	-	-	-	-	-	-	-	4	11	11	11	5	2	2	46	8	-	-	-	-	-
Clerks, General	9,789	37.6	459	465	421 -- 512	(³)	2	2	2	2	6	7	6	12	34	22	2	1	1	(³)	(³)	-	-	-	-	-
Private industry	2,792	38.2	437	428	364 -- 519	(³)	6	5	6	4	8	9	9	9	13	12	8	5	3	1	(³)	-	-	-	-	-
Service-producing industries	2,128	37.7	467	451	390 -- 538	(³)	1	1	4	3	9	10	11	11	16	13	11	6	4	1	(³)	-	-	-	-	-
Level 2	759	38.6	352	320	280 -- 420	-	23	14	15	7	3	8	6	(³)	17	7	-	-	-	-	-	-	-	-	-	-
Private industry	486	40.0	320	295	263 -- 327	-	36	20	16	6	2	4	4	(³)	(³)	11	-	-	-	-	-	-	-	-	-	-
Service-producing industries	150	39.9	326	321	296 -- 360	-	15	13	27	19	7	7	12	-	1	-	-	-	-	-	-	-	-	-	-	-
State and local government	273	36.2	408	419	365 -- 459	-	-	-	3	12	8	4	14	11	1	47	-	-	-	-	-	-	-	-	-	-
Level 3	4,759	37.5	435	455	398 -- 465	-	-	1	2	2	10	10	8	15	43	6	1	(³)	(³)	(³)	-	-	-	-	-	-
Private industry	1,202	38.1	403	390	364 -- 440	-	-	4	8	7	17	18	13	12	10	6	3	1	(³)	(³)	-	-	-	-	-	-
Service-producing industries	917	37.6	420	401	374 -- 451	-	-	-	4	3	19	21	15	13	12	8	4	1	1	(³)	-	-	-	-	-	-
Level 4:																										
Private industry	1,099	37.5	527	524	461 -- 581	-	-	-	-	-	1	2	8	11	21	18	18	11	8	2	(³)	-	-	-	-	-
Service-producing industries	1,056	37.4	529	528	464 -- 585	-	-	-	-	-	1	2	7	11	21	19	18	12	8	2	(³)	-	-	-	-	-
Key Entry Operators	1,237	38.6	438	449	383 -- 492	1	1	1	1	5	12	12	11	23	15	13	4	1	(³)	-	-	-	-	-	-	-
Private industry	650	39.2	423	410	366 -- 475	1	2	2	2	9	18	14	16	4	12	9	8	2	(³)	-	-	-	-	-	-	-
Goods-producing industries	117	39.0	506	519	460 -- 589	-	-	-	-	7	7	5	3	16	34	28	-	-	-	-	-	-	-	-	-	-
Service-producing industries	533	39.3	404	392	359 -- 430	2	3	2	2	11	20	16	19	4	11	4	4	3	(³)	-	-	-	-	-	-	-
Level 1	377	38.8	408	390	357 -- 443	2	4	3	4	9	17	20	13	4	4	10	10	-	-	-	-	-	-	-	-	-
Private industry	360	38.9	407	390	357 -- 442	2	4	3	4	9	18	20	13	4	4	9	10	-	-	-	-	-	-	-	-	-
Service-producing industries	295	39.1	384	380	349 -- 422	3	5	3	4	11	19	21	16	5	5	3	4	-	-	-	-	-	-	-	-	-
Level 2	860	38.5	451	449	412 -- 492	-	-	-	-	3	9	8	11	32	19	14	2	2	(³)	-	-	-	-	-	-	-
Private industry	290	39.6	441	419	373 -- 482	-	-	-	-	9	18	7	20	4	22	9	6	6	1	-	-	-	-	-	-	-
Service-producing industries	238	39.5	429	416	371 -- 459	-	-	-	-	11	21	9	21	3	18	4	4	7	1	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over
Personnel Assistants	608	39.2	\$531	\$509	\$459 - \$600	-	-	(³)	(³)	2	2	6	6	4	20	24	10	10	7	2	6	1	-	-	-	-
Private industry	564	39.5	535	519	463 - 600	-	-	(³)	(³)	3	2	2	6	4	20	26	11	10	7	2	6	-	-	-	-	
Goods-producing industries	201	39.6	595	580	519 - 677	-	-	-	-	3	-	1	-	1	10	25	12	10	16	5	15	-	-	-	-	
Manufacturing	201	39.6	595	580	519 - 677	-	-	-	-	3	-	1	-	1	10	25	12	10	16	5	15	-	-	-	-	
Service-producing industries	363	39.5	502	500	452 - 548	-	-	1	1	2	3	3	9	6	25	26	10	11	2	1	-	-	-	-	-	
Level 2	89	39.3	423	424	360 - 470	-	-	2	2	17	11	11	10	7	28	6	2	3	-	-	-	-	-	-	-	
Private industry	79	39.8	421	-	- - -	-	-	3	3	19	13	9	11	8	23	6	3	4	-	-	-	-	-	-	-	
Service-producing industries	55	39.8	396	-	- - -	-	-	4	4	16	18	13	16	11	18	-	-	-	-	-	-	-	-	-	-	
Level 3	355	39.4	519	508	481 - 548	-	-	-	-	-	-	2	7	5	23	39	10	8	4	(³)	1	-	-	-	-	
Private industry	350	39.5	519	509	480 - 548	-	-	-	-	-	-	2	7	5	22	39	10	9	4	(³)	1	-	-	-	-	
Goods-producing industries	82	40.0	537	519	508 - 574	-	-	-	-	-	-	4	-	4	9	51	17	7	9	-	-	-	-	-	-	
Manufacturing	82	40.0	537	519	508 - 574	-	-	-	-	-	-	4	-	4	9	51	17	7	9	-	-	-	-	-	-	
Service-producing industries	268	39.3	514	503	463 - 540	-	-	-	-	-	-	1	9	6	26	35	8	9	3	(³)	2	-	-	-	-	
Level 4	143	39.2	649	650	595 - 744	-	-	-	-	-	-	-	-	-	10	2	16	18	20	8	21	3	-	-	-	
Private industry	135	39.3	643	650	576 - 735	-	-	-	-	-	-	-	-	-	11	2	17	19	19	9	22	-	-	-	-	
Secretaries	12,036	38.6	580	575	507 - 653	-	-	-	(³)	(³)	1	1	5	4	11	18	21	13	11	8	4	2	1	(³)	(³)	
Private industry	9,527	38.9	592	583	510 - 671	-	-	-	-	(³)	1	1	3	4	11	16	19	14	12	9	5	2	1	(³)	(³)	
Goods-producing industries	3,269	39.2	608	602	540 - 674	-	-	-	-	-	(³)	-	2	3	8	16	20	19	13	11	4	2	(³)	(³)		
Manufacturing	3,204	39.2	608	601	540 - 673	-	-	-	-	-	(³)	-	2	3	8	16	20	20	13	10	5	2	(³)	(³)		
Service-producing industries	6,258	38.7	583	574	495 - 667	-	-	-	-	1	2	2	4	5	12	16	18	12	9	5	2	1	(³)	(³)		
Transportation and utilities	282	40.0	720	721	656 - 764	-	-	-	-	-	-	-	-	-	1	12	11	13	27	19	10	7	(³)	1		
Level 1	1,163	37.5	449	440	404 - 510	-	-	-	(³)	3	10	3	28	9	21	24	2	1	(³)	(³)	-	-	-	-	-	
Private industry	544	37.5	436	426	378 - 479	-	-	-	-	5	19	6	19	10	23	13	2	1	(³)	(³)	-	-	-	-	-	
Service-producing industries	494	37.3	433	424	374 - 478	-	-	-	-	6	20	6	20	11	22	12	1	1	(³)	(³)	-	-	-	-	-	
Level 2	2,529	38.6	509	512	461 - 549	-	-	-	(³)	1	5	6	8	24	31	15	9	1	(³)	(³)	-	-	-	-	-	
Private industry	2,169	38.7	506	500	459 - 554	-	-	-	(³)	1	4	6	9	27	26	17	8	1	(³)	(³)	-	-	-	-	-	
Goods-producing industries	436	38.6	501	488	451 - 542	-	-	-	-	-	-	-	11	13	30	28	5	10	3	-	-	-	-	-	-	
Manufacturing	421	38.5	501	485	450 - 542	-	-	-	-	-	-	-	11	13	30	28	4	10	3	-	-	-	-	-	-	
Service-producing industries	1,733	38.7	507	505	462 - 556	-	-	-	(³)	1	5	5	8	26	25	20	7	1	1	(³)	-	-	-	-	-	
State and local government	360	38.1	526	544	518 - 545	-	-	-	-	1	3	7	3	2	4	65	2	15	-	-	-	-	-	-	-	
Level 3	5,189	38.6	582	576	531 - 628	-	-	-	(³)	(³)	(³)	(³)	1	3	10	18	33	14	10	7	2	1	(³)	-	-	
Private industry	3,962	38.9	592	581	537 - 650	-	-	-	-	(³)	(³)	1	3	8	19	27	17	13	8	3	1	(³)	-	-	-	
Goods-producing industries	1,801	39.4	594	584	543 - 640	-	-	-	-	-	-	-	-	1	7	20	30	20	12	9	1	-	-	-	-	
Manufacturing	1,755	39.4	592	582	541 - 636	-	-	-	-	-	-	-	-	1	7	21	30	20	12	8	1	-	-	-	-	
Service-producing industries	2,161	38.6	589	577	524 - 654	-	-	-	-	(³)	(³)	2	5	9	18	24	14	14	7	4	1	(³)	-	-	-	
Level 4	2,764	39.0	667	660	615 - 717	-	-	-	-	-	(³)	(³)	1	2	4	13	20	27	17	10	4	1	(³)	-	-	
Private industry	2,467	39.2	673	673	615 - 727	-	-	-	-	-	-	(³)	(³)	1	4	13	21	22	19	12	4	2	(³)	-	-	
Goods-producing industries	865	39.0	680	680	618 - 735	-	-	-	-	-	-	-	-	1	3	11	25	21	17	15	6	1	-	-	-	
Manufacturing	864	39.0	680	680	617 - 735	-	-	-	-	-	-	-	-	1	3	11	25	21	17	15	6	1	-	-	-	
Service-producing industries	1,602	39.2	669	669	613 - 719	-	-	-	-	-	-	-	(³)	(³)	1	5	15	19	23	20	10	3	2	(³)	-	
Transportation and utilities	96	40.0	732	711	690 - 778	-	-	-	-	-	-	-	-	-	-	3	13	9	49	2	11	13	-	-	-	

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Boston-Worcester, MA-NH-ME-CT, June 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 and over
Level 5	391	39.1	\$783	\$750	\$711 - \$850	-	-	-	-	-	-	-	-	-	-	1	2	5	16	24	14	13	10	5	7	3
Private industry	385	39.1	784	750	711 - 850	-	-	-	-	-	-	-	-	-	-	1	2	5	17	24	14	12	10	5	8	3
Goods-producing industries	117	39.8	761	723	711 - 836	-	-	-	-	-	-	-	-	-	-	3	3	5	13	42	1	15	3	8	8	-
Manufacturing	117	39.8	761	723	711 - 836	-	-	-	-	-	-	-	-	-	-	3	3	5	13	42	1	15	3	8	8	-
Service-producing industries	268	38.8	793	773	699 - 855	-	-	-	-	-	-	-	-	-	-	1	1	5	18	16	20	11	12	4	7	4
Switchboard-Operator-Receptionists	547	38.9	428	418	375 - 465	-	3	1	2	12	8	7	22	14	11	16	1	3	1	-	-	-	-	-	-	-
Private industry	461	39.2	432	426	375 - 500	-	3	1	3	12	9	7	13	15	12	19	1	4	2	-	-	-	-	-	-	-
Goods-producing industries	180	38.6	462	500	420 - 529	-	8	3	5	3	1	1	6	17	2	43	1	10	-	-	-	-	-	-	-	-
Manufacturing	125	39.0	441	440	328 - 538	-	12	5	7	5	2	1	8	24	3	19	-	14	-	-	-	-	-	-	-	-
Service-producing industries	281	39.5	412	401	360 - 450	-	-	-	1	18	14	11	17	14	18	4	1	-	2	-	-	-	-	-	-	-
Word Processors	531	37.7	499	491	466 - 513	-	-	(³)	1	1	3	6	5	4	52	9	5	8	4	-	1	1	-	-	-	-
Private industry	215	38.0	546	538	492 - 615	-	-	-	1	1	-	5	9	(³)	18	21	13	19	9	-	3	2	-	-	-	-
Service-producing industries	196	37.8	541	530	492 - 615	-	-	-	1	1	-	5	10	1	18	22	14	16	8	-	3	2	-	-	-	-
Level 2:																										
Private industry	133	38.4	531	538	483 - 590	-	-	-	2	2	-	6	9	1	10	28	20	17	7	-	-	-	-	-	-	-
Service-producing industries	114	38.2	520	525	479 - 573	-	-	-	2	2	-	7	11	1	10	31	22	11	4	-	-	-	-	-	-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	Under 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 12.50	12.50 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 - 26.00	26.00 and over	
General Maintenance Workers	3,095	\$13.77	\$14.15	\$13.63 - \$14.15	1	1	1	2	2	2	6	3	4	7	62	3	2	3	1	-	(²)	(²)	(²)	(²)	-	-	-	-
Private industry	820	13.65	13.80	11.63 - 14.90	4	3	2	4	4	5	4	4	10	14	24	7	4	5	4	-	1	(²)	(²)	1	-	-	-	-
Service-producing industries	632	13.58	13.41	11.41 - 15.24	5	4	2	5	4	5	3	5	10	13	18	8	4	5	5	-	1	(²)	(²)	1	-	-	-	-
Level 1:																												
Private industry	581	12.75	12.81	11.13 - 14.09	6	4	2	6	6	7	6	5	15	15	16	4	3	-	6	-	-	-	-	-	-	-	-	-
Service-producing industries	520	12.83	12.81	11.13 - 14.26	7	5	2	6	5	7	3	6	12	15	18	4	3	-	6	-	-	-	-	-	-	-	-	-
Level 2	434	15.15	14.90	13.94 - 17.41	-	-	(²)	4	2	3	3	6	-	9	25	13	8	23	-	-	2	(²)	(²)	2	-	-	-	-
Private industry	239	15.82	14.90	14.35 - 16.57	-	-	-	-	-	-	-	-	-	14	42	13	6	16	-	-	4	1	1	3	-	-	-	-
Maintenance Electricians	1,205	19.59	20.14	18.30 - 21.20	-	-	-	-	(²)	-	(²)	(²)	-	7	2	4	5	5	10	13	10	26	11	7	-	-	1	-
Private industry	801	19.79	19.68	18.50 - 22.25	-	-	-	-	-	-	-	-	-	1	1	6	8	8	14	19	15	2	16	10	-	-	1	-
Goods-producing industries	294	19.86	19.10	17.53 - 22.57	-	-	-	-	-	-	-	-	-	2	2	4	10	10	5	21	1	4	42	-	-	-	-	-
Manufacturing	294	19.86	19.10	17.53 - 22.57	-	-	-	-	-	-	-	-	-	2	2	4	10	10	5	21	1	4	42	-	-	-	-	-
Service-producing industries	507	19.75	19.74	18.50 - 20.44	-	-	-	-	-	-	-	-	-	2	-	7	7	7	19	18	23	2	1	16	-	-	1	-
Maintenance Electronics Technicians	629	18.80	18.31	15.87 - 20.21	-	-	(²)	-	-	-	(²)	(²)	2	5	6	13	12	10	5	6	20	1	2	(²)	-	18	-	-
Private industry	598	18.98	18.76	16.00 - 20.21	-	-	1	-	-	-	-	-	2	5	4	13	13	9	5	6	20	1	2	1	-	19	-	-
Service-producing industries	433	19.50	18.90	16.28 - 25.27	-	-	-	-	-	-	-	-	2	5	15	12	10	5	8	12	-	3	1	-	26	-	-	-
Level 2	309	16.34	16.34	15.29 - 17.46	-	-	-	-	-	-	-	-	1	10	10	23	23	16	8	9	-	-	-	-	-	-	-	-
Private industry	282	16.43	16.34	15.46 - 17.52	-	-	-	-	-	-	-	-	1	9	7	24	26	14	9	10	-	-	-	-	-	-	-	-
Maintenance Machinists	190	19.00	18.58	18.58 - 20.20	-	-	-	-	-	-	-	-	2	-	-	6	9	1	42	2	25	14	1	-	-	-	-	-
Private industry	189	19.04	18.58	18.58 - 20.20	-	-	-	-	-	-	-	-	1	-	-	6	9	1	42	2	25	14	1	-	-	-	-	-
Maintenance Mechanics, Machinery	729	20.19	19.44	17.50 - 23.83	-	-	-	-	-	-	-	(²)	(²)	1	5	5	11	3	7	24	5	3	1	16	17	-	(²)	
Private industry	714	20.31	19.44	18.09 - 23.83	-	-	-	-	-	-	-	(²)	(²)	1	4	5	11	3	7	24	5	4	1	17	18	-	(²)	
Goods-producing industries	258	17.19	16.87	15.85 - 19.06	-	-	-	-	-	-	-	-	1	4	10	11	31	5	5	32	1	1	-	-	-	-	-	-
Manufacturing	258	17.19	16.87	15.85 - 19.06	-	-	-	-	-	-	-	-	1	4	10	11	31	5	5	32	1	1	-	-	-	-	-	-
Service-producing industries	456	22.08	23.83	19.44 - 24.43	-	-	-	-	-	-	-	-	-	-	2	(²)	2	8	20	8	5	1	26	28	-	(²)	-	
Transportation and utilities	325	23.03	23.83	23.31 - 24.43	-	-	-	-	-	-	-	-	-	-	-	-	-	6	18	-	-	-	36	39	-	1	-	
Maintenance Mechanics, Motor Vehicle	847	18.92	19.89	15.84 - 21.89	-	-	-	-	-	1	(²)	2	11	6	7	1	7	9	16	6	10	11	7	7	-	-	-	
Private industry	591	20.76	20.31	19.89 - 22.54	-	-	-	-	-	-	-	-	3	-	-	1	3	12	22	8	14	16	10	9	-	-	-	
Service-producing industries	521	21.26	21.89	19.89 - 22.62	-	-	-	-	-	-	-	-	-	-	-	2	3	5	25	9	16	18	11	11	-	-	-	
Transportation and utilities	489	21.44	21.89	19.89 - 22.62	-	-	-	-	-	-	-	-	-	-	-	1	1	5	24	9	17	19	12	11	-	-	-	
State and local government	256	14.66	14.56	13.09 - 15.84	-	-	-	-	-	4	1	8	29	19	25	-	14	-	-	-	-	-	-	-	-	-	-	
Maintenance Pipefitters	412	19.98	21.20	19.06 - 21.20	-	-	-	-	-	-	-	-	-	8	3	1	(²)	5	1	11	4	57	-	9	-	-	-	
Private industry	163	19.70	19.06	18.56 - 21.09	-	-	-	-	-	-	-	-	-	8	2	1	12	3	28	11	12	-	22	-	-	-	-	

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

² Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Boston-Worcester, MA-NH-ME-CT, June 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																						
		Mean	Median	Middle range	5.00 and under 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 and over
Guards	3,025	\$9.37	\$8.00	\$7.40 - \$11.21	-	-	-	2	24	19	11	6	3	2	3	4	3	4	9	4	3	5	-	-	-	-	-
Private industry	2,844	9.20	8.00	7.35 - 10.88	-	-	-	2	25	20	12	6	3	1	2	4	3	4	7	2	2	5	-	-	-	-	-
Goods-producing industries	240	14.26	15.47	13.02 - 15.47	-	-	-	-	-	-	-	-	-	2	1	4	2	8	8	3	17	56	-	-	-	-	-
Manufacturing	240	14.26	15.47	13.02 - 15.47	-	-	-	-	-	-	-	-	-	2	1	4	2	8	8	3	17	56	-	-	-	-	-
Level 2	432	12.03	12.45	11.04 - 12.45	-	-	-	-	-	-	-	6	3	1	4	10	8	6	41	10	8	3	-	-	-	-	-
Private industry	422	12.06	12.45	11.16 - 12.45	-	-	-	-	-	-	-	7	3	1	3	10	8	6	41	10	8	3	-	-	-	-	-
Janitors	10,687	9.99	10.08	8.40 - 11.31	(²)	1	1	2	2	4	21	5	6	5	12	9	16	7	4	3	1	2	-	(²)	-	-	-
Private industry	6,343	9.43	8.59	8.15 - 11.40	(²)	1	2	3	3	5	34	7	6	4	5	2	13	1	7	4	(²)	(²)	-	(²)	-	-	-
Goods-producing industries	267	9.88	9.51	8.36 - 11.02	2	-	1	-	13	2	10	1	20	7	7	10	4	3	7	1	10	-	-	-	-	-	-
Manufacturing	267	9.88	9.51	8.36 - 11.02	2	-	1	-	13	2	10	1	20	7	7	10	4	3	7	1	10	-	-	-	-	-	-
Service-producing industries	6,076	9.41	8.48	8.15 - 11.40	-	1	2	4	3	5	35	7	5	4	5	2	14	1	7	4	(²)	(²)	-	(²)	-	-	-
State and local government	4,344	10.81	10.75	10.08 - 11.31	-	-	-	-	(²)	2	3	3	6	6	22	17	20	15	1	1	1	4	-	-	-	-	-
Material Movement and Storage Workers	8,726	10.10	9.25	7.40 - 11.72	1	1	10	5	9	7	6	7	7	5	6	4	4	3	5	4	2	2	(²)	8	(²)	-	1
Private industry	8,593	10.07	9.20	7.35 - 11.60	1	1	10	6	9	7	6	7	7	5	6	4	4	3	5	4	2	2	(²)	8	(²)	-	1
Goods-producing industries	1,154	10.58	10.74	8.18 - 12.56	6	4	2	1	6	3	4	2	5	4	8	8	10	6	12	3	8	8	1	-	-	-	-
Manufacturing	1,146	10.58	10.67	8.16 - 12.56	7	4	2	1	6	3	4	2	5	4	8	8	10	5	12	3	8	8	1	-	-	-	-
State and local government	133	12.46	12.48	11.37 - 13.30	-	-	-	-	-	-	-	1	3	2	2	3	16	2	31	38	2	-	2	-	-	-	-
Level 2	2,304	13.88	13.30	10.58 - 17.88	-	-	-	-	3	3	3	1	5	4	5	6	5	9	5	5	5	1	30	1	-	5	
Private industry	2,201	13.94	13.74	10.58 - 17.88	-	-	-	-	3	3	3	1	5	4	5	6	4	5	8	4	5	5	1	32	1	-	6
Goods-producing industries	740	11.26	10.97	9.82 - 12.64	-	-	-	-	7	3	5	1	7	5	11	12	9	4	15	4	6	11	-	-	-	-	-
Manufacturing	732	11.26	10.86	9.71 - 12.64	-	-	-	-	7	3	5	1	7	5	11	12	8	4	16	4	6	11	-	-	-	-	-
Service-producing industries	1,461	15.30	17.88	11.82 - 17.88	-	-	-	-	1	3	3	2	4	3	2	3	2	5	4	4	5	2	1	48	1	-	8
State and local government	103	12.55	12.48	11.66 - 13.30	-	-	-	-	-	-	-	-	-	1	1	2	19	2	39	31	2	-	3	-	-	-	-
Shipping/Receiving Clerks:																											
Private industry:																											
Goods-producing industries	285	11.66	11.61	10.53 - 12.64	-	-	-	-	2	1	1	1	5	7	6	12	13	5	27	5	9	5	-	-	-	-	-
Manufacturing	285	11.66	11.61	10.53 - 12.64	-	-	-	-	2	1	1	1	5	7	6	12	13	5	27	5	9	5	-	-	-	-	-
Truckdrivers:																											
Private industry:																											
Goods-producing industries	632	13.32	11.88	9.46 - 19.37	-	-	-	-	1	1	6	9	13	3	3	9	1	3	6	4	7	3	-	-	-	30	-
Light Truck	597	10.37	9.94	8.86 - 11.88	-	-	-	-	2	4	8	15	14	8	6	14	2	4	6	8	7	-	-	-	(²)	(²)	-
Private industry	593	10.36	9.56	8.86 - 11.80	-	-	-	-	2	4	8	15	14	8	6	14	2	4	6	8	7	-	-	-	(²)	(²)	-
Service-producing industries	192	10.19	9.94	8.81 - 11.00	-	-	-	-	4	10	4	18	3	14	9	13	7	2	1	13	2	-	-	-	1	1	-
Heavy Truck	406	14.86	13.75	11.52 - 19.37	-	-	-	-	-	-	-	4	4	-	10	5	3	5	16	8	(²)	8	-	-	-	35	2

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

² Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Appendix A.

Scope and Method of Survey

Scope

This survey of the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area covered establishments employing 50 workers or more in *goods producing industries* (mining, construction, and manufacturing); *service producing industries* (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments.¹ Private households, agriculture, the Federal Government, and the self-employed were excluded from the survey. Table 1 in this appendix shows the estimated number of establishments and workers within scope of the survey and the number actually included in the survey sample.

Sampling frame

The list of establishments from which the survey sample was selected (the sampling frame) was developed from the State unemployment insurance reports for the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area (May 1994). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

The sampling frame was reviewed for completeness and accuracy prior to the survey and, when necessary, corrections were made: Missing establishments were added; out-of-business and out-of-scope establishments were removed; and addresses, employment levels, industry classification, and other information were updated.

Survey design

The survey design includes classifying individual establishments into groups (strata) based on industry and employment size, determining the size of the sample for each group (stratum), and selecting an establishment sample from each stratum. The establishment sample size in a stratum was determined by expected number of employees to be found (based on previous occupational pay surveys) in professional, administrative, technical, protective service, and clerical occupations.

In other words, the larger the number of employees expected to be found in designated occupations, the larger the establishment sample in that stratum. An upward adjustment to the establishment sample size also was made in strata expected to have relatively high sampling error for certain occupations, based on previous survey experiences. (See section on "Reliability of estimates" below for discussion of sampling error.)

Data collection and payroll reference

Data for the survey were obtained primarily by personal visits of the Bureau's field economists to a sample of establishments within the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area. Collection for the survey was from March 1996 through September 1996 and reflects an average payroll reference month of June 1996. Data obtained for a payroll period prior to the end of June 1996 were updated to include general wage changes, if granted, scheduled to be effective through that date.

Occupational pay

Occupational pay data are shown for full-time workers, i.e., those hired to work a regular weekly schedule. Pay data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases—but not bonuses—under cost-of-living allowance clauses and incentive payments, however, are included in the pay data.

Unless otherwise indicated, the pay data following the job titles are for all industries combined. Pay data for some of the occupations for all industries combined (or for some industry divisions within the scope of the survey) are not presented in the A-series tables because either (1) data did not provide statistically reliable results, or (2) there was the possibility of disclosure of individual establishment data. Pay data not shown separately for industry divisions are included in data for all industries combined.

Average pay reflect areawide estimates. Industries and establishments differ in pay levels and job staffing, and thus contribute differently to the estimates for each job. Therefore, average pay may not reflect the pay differential among jobs within individual establishments. A-series tables provide distributions of workers by pay intervals

The *mean* is computed for each job by totaling the pay of all workers and dividing by the number of workers. The *median* designates position—one-half of the workers receive the same as or more and one-half receive the same as or less than the rate shown. The *middle range* is defined by two rates of pay; one-fourth of the workers earn the same as or less than the lower of these rates and one-fourth earn the same as or more than the higher rate. Medians and middle ranges are not provided when they do not meet reliability criteria.

Occupations surveyed are common to a variety of public and private industries, and were selected from the following employment groups: (1) Professional and administrative; (2) technical and protective service; (3) clerical; (4) maintenance and toolroom; and (5) material movement and custodial. Occupational classification was based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. Occupations selected for study are listed and described in appendix B, along with corresponding occupational codes and titles from the 1980 edition of the *Standard Occupational Classification Manual*. Job descriptions used to classify employees in this survey usually are more generalized than those used in individual establishments to allow for minor differences among establishments in specific duties performed.

Average weekly hours for professional, administrative, technical, protective service, and clerical occupations refer to the standard workweek (rounded to the nearest tenth of an hour) for which employees receive regular straight-time pay. Average weekly pay for these occupations are rounded to the nearest dollar.

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

Survey nonresponse

Data were not available from 14.5 percent of the sample establishments (representing 276,904 employees covered by the survey). An additional 2.6 percent of the sample establishments (representing 29,537 employees) were either out of business or outside the scope of the survey.

If data were not provided by a sample member, the weights (based on the probability of selection in the sample) of responding sample establishments were adjusted to account for the missing data. The weights for establishments which were out of business or outside the scope of the survey were changed to zero.

Some sampled establishments had a policy of not disclosing salary data for

certain employees. No adjustments were made to pay estimates for the survey as a result of these missing data. In all but three of the occupational work levels published in this bulletin, the proportion of employees for whom pay data were not available was less than 5 percent. The three jobs were Director of Personnel 2 (13.6 percent); Guards 1 (7.5 percent); and Guards 2 (7.7 percent).

Reliability of estimates

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

Sampling errors occur because observations come only from a sample, not the entire population. The particular sample used in this survey is one of a number of all 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. For example, if the estimated average weekly salary of Secretaries Level IV is \$500 and the standard error is \$8, the RSE is 1.6 percent, or $\$8/\$500 \times 100 = 1.6\%$.

Estimates of relative standard errors for this survey vary among the occupational work levels depending on such factors as the frequency with which the job occurs, the dispersion of salaries for the job, and the survey design. The distribution of published work levels for one relative standard error was as follows:

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	2.4
1 and under 3 percent	61.9
3 and under 5 percent	32.2
5 percent and over	3.5

The standard error can be used to calculate a "confidence interval" around a sample estimate. For example, a 95 percent confidence interval is centered at the sample estimate and includes all values within 2 times the estimate's standard error. If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 95

percent of the time.

Using the RSE example above, there is 95 percent confidence that the true population value for Secretaries Level IV is between \$484 and \$516 (i.e., \$500 plus or minus 2 x \$8).

Nonsampling errors can stem from many sources, such as inability to obtain information from some establishments; difficulties with survey definitions; inability of respondents to provide correct information; mistakes in recording or coding the data obtained; and other errors of collection, response, coverage, and estimation of missing data. Although not specifically measured, the survey's nonsampling errors are expected to be minimal due to the high response rate, the extensive and continuous training of field economists who gather survey data by personal visit, careful screening of data at several levels of review, annual evaluation of the suitability of job definitions, and thorough field testing of new or revised job definitions.

To measure and better control nonsampling errors that occur during data collection, a quality control procedure was applied to the survey design. The procedure, job match validation (JMV), is designed to identify the frequency, reasons for, and sources of incorrect decisions made by Bureau field economists in matching company jobs to survey occupations. Once identified, the problems are discussed promptly with the field economists while the data are still being collected. Subsequently, the JMV results are tallied, reported to BLS staff, and become the basis for remedial action for future surveys.

¹ For this survey, an establishment is an economic unit which produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. In manufacturing industries, the establishment is usually at a single physical location. In service-producing industries, all locations of an individual company in a Metropolitan Statistical Area are usually considered an establishment. In government, an establishment is defined as all locations of a government entity.

Appendix table 1. Establishments and workers within scope of survey and number studied, Boston-Worcester, MA-NH-ME-CT, June 1996¹, June 1996

Industry division ²	Number of establishments		Workers in establishments		
	Within scope of survey ³	Studied	Within scope of survey ⁴		Studied
			Number	Percent	
ALL ESTABLISHMENTS					
All divisions	6,588	342	1,792,380	100	424,345
Private industry	5,992	308	1,501,588	84	320,073
Goods producing	1,592	83	352,811	20	71,157
Manufacturing	1,409	71	321,014	18	67,286
Mining ⁵	6	3	485	(⁶)	277
Construction ⁵	177	9	31,312	2	3,594
Service producing	4,400	225	1,148,777	64	248,916
Transportation, communication, electric, gas, and sanitary services ⁷	257	18	88,250	5	37,679
Wholesale trade ⁸	193	7	47,557	3	3,159
Retail trade ⁸	1,191	30	238,815	13	25,321
Finance, insurance, and real estate ⁸	406	23	154,112	9	45,745
Services ⁸	2,353	147	620,043	35	137,012
State and local government	596	34	290,792	16	104,272
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	690	139	981,590	100	390,026
Private industry	544	124	774,887	79	289,036
Goods producing	156	36	169,134	17	63,887
Manufacturing	126	32	146,834	15	60,786
Construction ⁵	30	4	22,300	2	3,101
Service producing	388	88	605,753	62	225,149
Transportation, communication, electric, gas, and sanitary services ⁷	27	9	56,320	6	36,120
Wholesale trade ⁸	26	3	20,032	2	2,292
Retail trade ⁸	59	8	125,381	13	22,747
Finance, insurance, and real estate ⁸	60	13	101,292	10	43,887
Services ⁸	216	55	302,728	31	120,103
State and local government	146	15	206,703	21	100,990

¹ The Boston-Worcester Consolidated Metropolitan Statistical Area, as defined by the Office of Management and Budget through June 1994, consists of Suffolk County, 12 communities in Bristol County, 34 in Essex County, 1 in Hampden County, 54 in Middlesex County, 28 in Norfolk County, 27 in Plymouth County, and 52 in Worcester County, MA; 18 in Hillsborough County, 2 in Merrimack County, 34 in Rockingham County, and 10 in Strafford County, NH; 5 in York County, ME; and 1 in Windham County, CT. The "workers within scope of survey" estimates provide a reasonably accurate description of the 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 since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) establishments employing fewer than 50 workers are excluded from the scope of the survey.

² The *Standard Industrial Classification Manual* was used in classifying establishments by industry.

³ Includes all establishments with at least 50 total employees. In goods producing, an establishment is defined as a single physical location where industrial operations are performed. In service producing industries, an

establishment is defined as all locations of a company in the area within the same industry division. In government, an establishment is generally defined as all locations of a government entity.

⁴ Includes all workers in all establishments with total employment (within an area) at or above the minimum limitations.

⁵ Separate data for this division are not shown in the A-series tables, but the division is represented in the "all industries" and "goods producing" estimates.

⁶ Less than 0.5 percent.

⁷ Abbreviated to "Transportation and utilities" in the A-series tables. This division is represented in the "all industries" and "service producing" estimates.

⁸ Separate data for this division are not shown in the A-series tables, but the division is represented in the "all industries" and "service producing" estimates.

Note: Overall industries may include data for industry divisions not shown separately.