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Area Wage Survey

Boston, Massachusetts, Metropolitan Area August 1977



Bulletin 1950-50

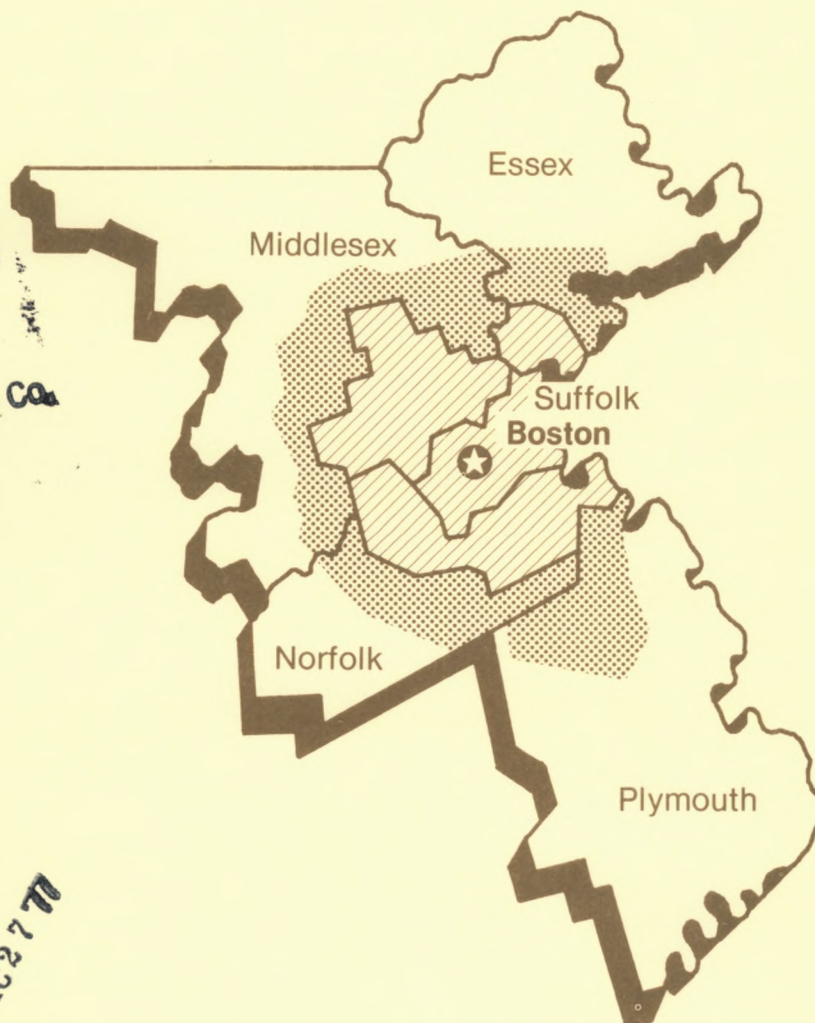
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Preface

This bulletin provides results of an August 1977 survey of occupational earnings in the Boston, Massachusetts, Standard Metropolitan Statistical Area. The survey was made as part of the Bureau of Labor Statistics' annual area wage survey program. It was conducted by the Bureau's regional office in Boston, Mass., under the general direction of Gordon E. Bowen, Assistant Regional Commissioner for Operations. The survey could not have been accomplished without the cooperation of the many firms whose wage and salary data provided the basis for the statistical information in this bulletin. The Bureau wishes to express sincere appreciation for the cooperation received.

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Note:

Reports on occupational earnings and supplementary wage provisions in the Boston area are available for: Men's and boys' suits and coats (April 1976), nursing homes (May 1976), banking (November 1976), and life insurance (December 1976). A report on occupational earnings only is available for the moving and storage (August 1976) industry. Also available are listings of union wage rates for building trades, printing trades, local-transit operating employees, local truckdrivers and helpers, and grocery store employees. Free copies of these are available from the Bureau's regional offices. (See back cover for addresses.)

Area Wage Survey

Boston, Massachusetts, Metropolitan Area August 1977

U.S. Department of Labor
Ray Marshall, Secretary
Bureau of Labor Statistics
Julius Shiskin, Commissioner

December 1977

Bulletin 1950-50



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Introduction

This area is 1 of 74 in which the U.S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings and related benefits. (See list of areas on inside back cover.) In each area, occupational earnings data (A-series tables) are collected annually. Information on establishment practices and supplementary wage benefits (B-series tables) is obtained every third year. This report has no B-series tables.

Each year after all individual area wage surveys have been completed, two summary bulletins are issued. The first brings together data for each metropolitan area surveyed; the second presents national and regional estimates, projected from individual metropolitan area data, for all Standard Metropolitan Statistical Areas in the United States, excluding Alaska and Hawaii.

A major consideration in the area wage survey program is the need to describe the level and movement of wages in a variety of labor markets, through the analysis of (1) the level and distribution of wages by occupation, and (2) the movement of wages by occupational category and skill level. The program develops information that may be used for many purposes, including wage and salary administration, collective bargaining, and assistance in determining plant location. Survey results also are used by the U.S. Department of Labor to make wage determinations under the Service Contract Act of 1965.

A-series tables

Tables A-1 through A-6 provide estimates of straight-time weekly or hourly earnings for workers in occupations common to a variety of manufacturing and nonmanufacturing industries. For the 31 largest survey areas, tables A-8 through A-13 provide similar data for establishments employing 500 workers or more.

Table A-7 provides percent changes in average hourly earnings of office clerical workers, electronic data processing workers, industrial nurses, skilled maintenance trades workers, and unskilled plant workers. Where possible, data are presented for all industries and for manufacturing and nonmanufacturing separately. Data are not presented for skilled maintenance workers in nonmanufacturing because the number of workers employed in this occupational group in nonmanufacturing is too small to warrant separate presentation. This table provides a measure of wage trends after elimination of changes in average earnings caused by employment shifts among establishments as well as turnover of establishments included in survey samples. For further details, see appendix A.

Appendixes

Appendix A describes the methods and concepts used in the area wage survey program and provides information on the scope of the survey.

Appendix B provides job descriptions used by Bureau field economists to classify workers by occupation.

Table A-1. Weekly earnings of office workers in Boston, Mass., August 1977

* Workers were distributed as follows: 19 at \$290 to \$300; 12 at \$300 to \$310; 2 at \$310 to \$320; 2 at \$320 to \$330; 7 at \$330 to \$340; 9 at \$340 to \$350; 1 at \$350 to \$360; 1 at \$360 to \$370; and 1 at \$380 to \$390.

** Workers were distributed as follows: 31 at \$290 to \$300; 31 at \$300 to \$310; 6 at \$310 to \$320; 6 at \$320 to \$330; 16 at \$330 to \$340; 19 at \$340 to \$350; 4 at \$350 to \$360; 1 at \$370 to \$380; and 1 at \$380 to \$390.

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Table A-1. Weekly earnings of office workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260	\$ 270	\$ 280	\$ 290			
						and under 100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over			
ALL WORKERS-- CONTINUED																													
STENOGRAPHERS - CONTINUED																													
STENOGRAPHERS, SENIOR -----	592	38.0	\$ 187.00	\$ 179.00	\$ 165.00-206.50	-	-	1	-	-	22	68	89	120	97	30	50	36	25	1	14	15	2	12	10	-			
MANUFACTURING -----	152	39.0	186.50	170.00	165.00-206.50	-	-	-	-	-	2	18	53	13	18	4	16	6	3	1	-	14	-	-	4	-			
NONMANUFACTURING -----	440	38.0	187.50	180.00	170.00-201.00	-	-	1	-	-	20	50	36	107	79	26	34	30	22	-	14	1	2	12	6	-			
FINANCE -----	87	35.5	191.00	200.50	164.00-210.00	-	-	1	-	-	5	7	16	4	3	1	21	12	17	-	-	-	-	-	-	-			
SERVICES -----	301	38.0	181.50	179.00	170.50-189.50	-	-	-	-	-	15	30	20	90	76	25	11	16	5	-	13	-	-	-	-	-			
TRANSCRIBING-MACHINE TYPISTS -----	306	37.5	165.00	162.50	140.00-178.00	-	1	3	21	47	25	28	60	60	10	4	2	35	10	-	-	-	-	-	-	-			
NONMANUFACTURING -----	245	37.0	166.00	165.00	140.00-178.00	-	1	3	21	36	25	19	33	49	7	4	2	35	10	-	-	-	-	-	-	-			
FINANCE -----	200	36.5	156.50	159.50	139.00-174.00	-	1	3	21	35	25	18	33	47	3	3	-	11	-	-	-	-	-	-	-	-			
TYPISTS -----	2,486	37.5	150.00	145.00	127.00-165.00	7	95	249	376	332	358	315	229	174	96	69	69	56	4	19	1	2	2	2	7	24			
MANUFACTURING -----	626	39.0	148.50	146.00	135.00-159.50	-	8	20	106	64	162	111	84	28	3	35	2	3	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	1,860	37.5	150.50	143.00	125.00-168.50	7	87	229	270	268	196	204	145	146	93	34	67	53	4	19	1	2	2	2	7	24			
PUBLIC UTILITIES -----	107	38.5	232.00	211.50	208.50-265.00	-	-	-	-	-	4	-	2	1	1	3	18	37	-	12	-	2	-	1	2	*24			
WHOLESALE TRADE -----	75	37.0	147.50	145.00	120.00-153.00	2	4	14	10	5	20	2	8	5	-	-	-	-	-	-	-	-	-	-	5	-			
RETAIL TRADE -----	50	39.0	144.00	140.00	118.00-164.00	-	1	18	3	2	5	4	5	3	6	3	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	1,090	36.5	137.00	135.00	121.00-152.00	5	72	173	199	214	119	149	79	60	11	3	4	2	-	-	-	-	-	-	-	-			
SERVICES -----	538	38.0	162.50	165.00	138.50-182.00	-	10	24	58	47	48	49	51	77	75	25	45	14	4	7	1	-	2	1	-	-			
TYPISTS, CLASS A -----	1,179	38.0	162.00	158.00	141.00-177.50	-	10	10	89	138	204	164	160	140	88	58	55	29	4	18	-	2	2	1	7	-			
MANUFACTURING -----	363	38.5	154.50	149.00	140.00-162.50	-	-	-	36	37	109	56	70	22	2	29	2	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	816	38.0	165.50	165.00	143.50-180.00	-	10	10	53	101	95	108	90	118	86	29	53	29	4	18	-	2	2	1	7	-			
PUBLIC UTILITIES -----	51	38.5	216.50	219.50	205.00-233.50	-	-	-	-	-	2	-	2	-	1	3	10	16	-	12	-	2	-	1	2	-			
FINANCE -----	353	36.5	147.50	146.00	136.00-158.00	-	10	8	44	74	59	72	39	7	1	-	-	-	-	-	-	-	-	-	-	-			
SERVICES -----	366	38.5	175.00	175.00	160.00-189.00	-	-	-	5	22	27	34	41	74	73	22	43	13	4	6	-	-	2	-	-	-			
TYPISTS, CLASS B -----	1,307	37.5	139.00	130.00	120.00-150.00	7	85	239	287	194	154	151	69	34	8	11	14	27	-	1	1	-	-	1	-	24			
MANUFACTURING -----	263	39.5	141.00	144.00	126.00-153.00	-	8	20	70	27	53	55	14	6	1	6	-	3	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	1,044	37.0	138.50	130.00	118.00-149.00	7	77	219	217	167	101	96	55	28	7	5	14	24	-	1	1	-	-	1	-	24			
PUBLIC UTILITIES -----	56	38.5	246.00	211.50	211.50-301.00	-	-	-	-	-	2	-	-	1	-	-	8	21	-	-	-	-	-	-	-	24			
FINANCE -----	737	36.5	131.50	128.00	117.00-140.50	5	62	165	155	140	60	77	40	21	4	2	4	2	-	-	-	-	-	-	-	-			
SERVICES -----	172	37.0	135.50	126.50	120.00-149.00	-	10	24	53	25	21	15	10	3	2	3	2	1	-	1	1	-	-	1	-	-			
FILE CLERKS -----	1,845	37.5	131.50	123.00	110.50-145.00	80	273	385	313	226	160	161	80	34	44	31	27	24	3	-	1	2	-	-	1	-			
MANUFACTURING -----	290	37.5	136.00	135.00	126.00-145.00	-	14	34	76	64	46	30	15	1	1	9	-	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	1,555	37.5	130.50	120.00	110.00-145.00	80	259	351	237	162	114	131	65	33	43	22	27	24	3	-	1	2	-	-	1	-			
PUBLIC UTILITIES -----	88	39.0	178.50	172.00	157.50-203.00	-	-	-	-	-	7	26	9	8	1	13	20	-	1	-	-	2	-	-	1	-			
WHOLESALE TRADE -----	105	39.0	151.50	132.00	120.00-184.50	-	-	12	40	1	8	5	5	-	12	-	2	20	-	-	-	-	-	-	-	-			
FINANCE -----	1,138	37.0	120.00	116.00	107.50-131.00	75	258	333	164	151	62	51	29	7	5	3	-	-	-	-	-	-	-	-	-	-			
FILE CLERKS, CLASS A -----	408	37.0	152.00	145.00	132.00-165.50	1	5	38	34	82	58	54	52	14	29	6	4	24	3	-	1	2	-	-	1	-			
NONMANUFACTURING -----	319	37.5	155.00	152.00	132.00-175.00	1	5	31	26	54	35	46	37	14	29	6	4	24	3	-	1	2	-	-	1	-			
FINANCE -----	219	37.0	140.50	138.00	125.50-157.00	1	5	31	26	52	33	38	22	3	5	3	-	-	-	-	-	-	-	-	-	-			
SERVICES -----	58	38.0	178.00	175.00	165.00-186.50	-	-	-	-	1	2	8	10	11	12	3	4	4	2	-	1	-	-	-	-	-			
FILE CLERKS, CLASS B -----	693	37.0	122.00	115.50	110.00-129.50	16	140	253	115	65	30	32	9	8	11	11	3	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	659	37.0	120.50	115.00	110.00-126.50	16	132	252	114	64	29	21	9	7	10	2	3	-	-	-	-	-	-	-	-	-			
FINANCE -----	595	37.0	118.00	115.00	110.00-123.00	16	131	234	101	64	25	13	7	4	-	-	-	-	-	-	-	-	-	-	-	-			
FILE CLERKS, CLASS C -----	744	37.5	128.50	122.00	108.00-141.00	63	128	94	164	79	72	75	19	12	4	14	20	-	-	-	-	-	-	-	-	-			
MANUFACTURING -----	167	37.5	129.00	126.00	125.00-138.00	-	6	26	67	35	22	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	577	37.5	128.00	120.00	105.00-145.00	63	122	68	97	44	50	64	19	12	4	14	20	-	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES -----	84	39.0	175.00	168.00	157.50-198.50	-	-	-	-	-	7	26	9	8	1	13	20	-	-	-	-	-	-	-	-	-			
FINANCE -----	324	37.0	111.00	106.00	105.00-118.00	58	122	68	37	35	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

* Workers were at \$300 to \$310.

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
						90 and under	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over		
ALL WORKERS-- CONTINUED																													
MESSENGERS -----	910	37.5	\$ 131.50	\$ 125.50	\$ 115.00-145.00	11	93	207	219	117	88	81	6	56	4	13	14	1	-	-	-	-	-	-	-	-	-		
MANUFACTURING -----	196	38.5	149.00	145.00	126.00-173.50	-	8	28	26	31	17	27	2	29	1	13	13	1	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	714	37.5	126.50	124.00	114.00-135.00	11	85	179	193	86	71	54	4	27	3	-	1	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	401	37.0	124.00	122.50	113.00-132.00	4	46	121	121	39	32	36	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	244	38.5	129.00	126.00	114.50-141.50	-	33	52	47	46	37	12	3	11	3	-	-	-	-	-	-	-	-	-	-	-	-		
SWITCHBOARD OPERATORS -----	749	38.5	163.00	160.00	144.00-179.50	1	9	16	42	95	113	98	103	86	69	34	30	11	9	9	11	6	-	6	1	-	-		
MANUFACTURING -----	198	39.5	179.50	173.00	156.00-196.50	1	-	-	3	2	30	24	23	24	25	18	27	3	5	2	1	3	-	6	1	-	-		
NONMANUFACTURING -----	551	38.0	157.00	153.00	135.00-171.50	-	9	16	39	93	83	74	80	62	44	16	3	8	4	7	10	3	-	-	-	-	-		
PUBLIC UTILITIES -----	40	40.0	204.50	194.00	176.50-239.00	-	-	-	-	-	-	-	-	19	-	5	-	-	-	6	7	3	-	-	-	-	-		
WHOLESALE TRADE -----	50	39.0	163.50	160.50	141.00-167.00	-	-	-	-	13	1	4	20	3	-	2	4	1	1	1	-	-	-	-	-	-	-		
RETAIL TRADE -----	68	37.5	157.00	150.00	144.00-167.50	-	-	-	2	7	18	15	10	8	2	2	-	3	1	-	-	-	-	-	-	-	-		
FINANCE -----	188	36.5	154.50	150.00	144.00-168.50	-	1	4	6	27	54	23	26	26	16	5	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	205	39.0	148.50	145.00	130.00-165.00	-	8	12	31	46	10	32	24	6	26	4	1	1	2	-	2	-	-	-	-	-	-		
SWITCHBOARD OPERATOR-RECEPTIONISTS-----	780	38.5	158.00	153.00	138.00-180.00	-	8	29	57	110	141	93	119	26	103	41	20	20	2	1	5	-	5	-	-	-	-		
MANUFACTURING -----	354	39.0	160.00	156.50	142.00-174.00	-	-	-	8	47	99	28	75	17	35	23	18	3	-	1	-	-	-	-	-	-	-		
NONMANUFACTURING -----	426	38.0	156.00	152.00	131.50-180.00	-	8	29	49	63	42	65	44	9	68	18	2	17	2	-	5	-	5	-	-	-	-		
WHOLESALE TRADE -----	136	39.0	150.50	138.00	126.00-179.00	-	-	13	34	25	21	3	-	8	14	1	-	17	-	-	-	-	-	-	-	-	-		
RETAIL TRADE -----	75	38.0	149.50	152.00	133.00-155.50	-	6	8	4	15	3	28	2	-	2	-	-	2	-	-	-	-	5	-	-	-	-		
FINANCE -----	80	35.5	169.50	168.00	155.00-186.00	-	2	-	1	-	10	18	11	-	21	17	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	126	38.5	152.50	155.50	132.50-168.00	-	-	8	10	23	8	16	31	1	29	-	-	-	-	-	-	-	-	-	-	-	-		
ORDER CLERKS -----	1,127	38.5	177.50	171.00	153.50-196.00	8	5	14	50	67	91	192	107	167	75	101	52	57	34	21	18	22	16	-	-	30			
MANUFACTURING -----	550	38.5	170.50	170.00	153.50-192.00	8	-	9	39	13	32	139	32	91	36	80	27	2	19	11	-	-	12	-	-	-	-		
NONMANUFACTURING -----	577	39.0	184.50	171.00	151.50-212.00	-	5	5	11	54	59	53	75	76	39	21	25	55	15	10	18	22	4	-	-	30			
WHOLESALE TRADE -----	530	39.0	188.00	171.50	155.00-214.00	-	5	5	8	27	57	47	66	76	39	21	25	55	15	10	18	22	4	-	-	30			
ACCOUNTING CLERKS -----	6,005	37.5	171.00	165.50	140.00-199.00	69	92	230	401	599	621	592	554	657	383	326	278	636	90	127	102	71	64	37	57	19			
MANUFACTURING -----	1,672	38.5	175.00	166.00	147.00-196.00	-	3	18	25	197	202	242	170	192	132	93	78	80	62	44	81	16	18	7	8	4			
NONMANUFACTURING -----	4,333	37.5	169.50	165.50	137.00-199.50	69	89	212	376	402	419	350	384	465	251	233	200	556	28	83	21	55	46	30	49	15			
PUBLIC UTILITIES -----	891	38.5	219.50	219.50	207.50-219.50	-	-	10	5	-	10	20	-	28	18	76	57	447	11	38	14	29	43	30	40	15			
WHOLESALE TRADE -----	618	38.5	161.50	165.50	137.00-178.00	-	-	24	75	71	52	50	59	153	50	25	23	33	-	-	-	3	-	-	-	-	-		
RETAIL TRADE -----	768	37.5	143.00	136.50	120.00-167.00	66	24	101	104	108	88	58	44	63	19	35	19	17	1	18	2	1	-	-	-	-	-		
FINANCE -----	1,400	36.0	154.50	150.00	134.50-173.00	3	60	67	175	159	218	165	130	154	100	61	54	29	14	9	-	2	-	-	-	-	-		
SERVICES -----	656	38.0	173.50	167.00	153.50-191.00	-	5	10	17	64	51	57	151	67	64	36	47	30	2	18	5	20	3	-	9	-			
ACCOUNTING CLERKS, CLASS A -----	2,565	38.0	194.50	190.00	169.00-219.50	-	5	15	42	49	144	194	201	406	194	234	163	448	69	72	86	70	60	37	57	19			
MANUFACTURING -----	685	39.0	198.50	195.00	170.00-225.00	-	-	-	-	20	83	66	97	35	67	60	52	49	27	76	16	18	7	8	4	-			
NONMANUFACTURING -----	1,880	38.0	193.00	189.00	169.00-219.50	-	5	15	42	49	124	111	135	309	159	167	103	396	20	45	10	54	42	30	49	15			
PUBLIC UTILITIES -----	579	38.5	225.00	219.50	215.00-252.00	-	-	-	-	10	20	-	24	14	49	2	302	3	-	3	28	39	30	40	15	-			
WHOLESALE TRADE -----	229	39.0	183.50	178.00	175.00-194.00	-	-	-	-	-	16	15	118	14	18	23	22	-	-	-	3	-	-	-	-	-	-		
RETAIL TRADE -----	263	37.5	170.50	172.00	142.00-190.00	-	3	11	14	20	36	15	21	46	9	30	19	17	1	18	2	1	-	-	-	-	-		
FINANCE -----	509	36.5	171.50	170.00	150.00-185.00	-	2	4	20	22	75	54	64	77	82	37	21	26	14	9	-	2	-	-	-	-	-		
SERVICES -----	300	38.5	196.00	191.00	173.00-214.00	-	-	-	8	7	3	6	35	44	40	33	38	29	2	18	5	20	3	-	9	-	-		
ACCOUNTING CLERKS, CLASS B -----	3,440	37.5	153.50	149.00	130.50-171.00	69	87	215	359	550	477	398	353	251	189	92	115	188	21	55	16	1	4	-	-	-	-		
MANUFACTURING -----	987	38.0	158.50	153.00	140.00-175.00	-	3	18	25	197	182	159	104	95	97	26	18	28	13	17	5	-	-	-	-	-	-		
NONMANUFACTURING -----	2,453	37.0	151.50	145.00	127.00-170.00	69	84	197	334	353	295	239	249	156	92	66	97	160	8	38	11	1	4	-	-	-	-		
WHOLESALE TRADE -----	389	38.5	149.00	145.50	130.00-165.50	-	-	24	75	71	52	34	44	35	36	7	-	11	-	-	-	-	-	-	-	-	-		
RETAIL TRADE -----	505	37.0	128.50	125.50	114.00-143.00	66	21	90	90	88	52	43	23	17	10	5	-	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	891	36.0	144.50	140.00	127.00-159.50	3	58	63	155	137	143	111	66	77	18	24	33	3	-	-	-	-	-	-	-	-	-		
SERVICES -----	356	38.0	155.00	160.00	141.00-165.00	-	5	10	9	57	48	51	116	23	24	3	9	1	-	-	-	-	-	-	-	-	-		

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
						90 and under	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over		
ALL WORKERS-- CONTINUED																													
BOOKKEEPING-MACHINE OPERATORS -----	217	37.5	\$ 158.50	\$ 150.00	\$ 140.00-180.00	-	-	17	24	11	35	41	16	4	25	17	25	-	-	-	-	-	-	-	-	2	-		
MANUFACTURING -----	68	39.5	170.50	160.00	150.00-185.00	-	-	-	-	8	-	22	11	4	8	-	13	-	-	-	-	-	-	-	-	2	-		
NONMANUFACTURING -----	149	36.5	153.00	142.00	125.00-180.00	-	-	17	24	3	35	19	5	-	17	17	12	-	-	-	-	-	-	-	-	-	-		
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	92	38.0	180.50	180.00	160.00-204.00	-	-	-	-	1	-	14	15	4	17	17	24	-	-	-	-	-	-	-	-	-	-		
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	125	37.5	142.00	140.00	125.00-150.00	-	-	17	24	10	35	27	1	-	8	-	1	-	-	-	-	-	-	-	-	2	-		
NONMANUFACTURING -----	97	36.5	134.50	140.00	125.00-142.00	-	-	17	24	2	35	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MACHINE BILLERS -----	147	38.0	150.00	140.00	129.00-166.00	8	8	-	25	32	17	4	19	5	12	1	12	-	-	-	-	-	-	-	2	1	1		
MANUFACTURING -----	80	39.0	148.50	143.50	125.00-170.50	8	8	-	19	4	3	3	14	5	12	-	-	-	-	-	-	-	-	-	2	1	1		
NONMANUFACTURING -----	67	37.0	151.50	135.00	130.00-160.00	-	-	-	6	28	14	1	5	-	-	1	12	-	-	-	-	-	-	-	-	-	-		
BILLING-MACHINE BILLERS -----	59	40.0	138.00	147.00	102.00-165.00	8	8	-	8	4	3	3	19	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
MANUFACTURING -----	54	40.0	136.00	135.00	102.00-165.00	8	8	-	8	4	3	3	14	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
BOOKKEEPING-MACHINE BILLERS -----	88	37.0	157.50	135.00	130.00-187.00	-	-	-	17	28	14	1	-	-	11	1	12	-	-	-	-	-	-	-	2	1	1		
NONMANUFACTURING -----	62	36.5	150.50	135.00	130.00-148.00	-	-	-	6	28	14	1	-	-	-	1	12	-	-	-	-	-	-	-	-	-	-		
PAYROLL CLERKS -----	570	38.5	180.00	175.00	150.00-205.00	2	19	11	6	30	54	64	62	56	40	60	46	31	34	10	23	2	2	-	9	9			
MANUFACTURING -----	347	38.5	180.00	184.00	157.00-208.50	-	16	9	1	11	35	35	39	22	29	25	42	27	27	8	19	-	1	-	-	1			
NONMANUFACTURING -----	223	38.0	180.50	174.50	150.00-194.00	2	3	2	5	19	19	29	23	34	11	35	4	4	7	2	4	2	1	-	9	8			
PUBLIC UTILITIES -----	28	39.0	268.00	281.00	229.00-315.50	-	-	-	-	-	-	-	-	-	-	1	3	1	2	1	3	-	-	-	9	*8			
RETAIL TRADE -----	75	38.0	158.00	158.00	135.50-176.00	2	2	-	4	14	10	7	8	10	7	9	-	1	-	-	-	1	-	-	-	-			
SERVICES -----	63	38.0	178.50	175.00	158.00-198.00	-	-	-	-	2	2	15	4	14	3	16	1	2	-	1	1	1	1	1	-	-	-		
KEYPUNCH OPERATORS -----	2,089	38.0	164.00	160.00	143.50-180.00	-	3	71	130	216	283	237	389	248	155	91	125	69	15	14	-	9	2	23	5	4			
MANUFACTURING -----	763	38.5	166.50	166.00	146.50-182.50	-	-	12	55	68	91	75	123	108	88	40	74	11	7	1	-	4	2	-	-	4			
NONMANUFACTURING -----	1,326	37.5	162.50	160.00	140.50-175.00	-	3	59	75	148	192	162	266	140	67	51	51	58	8	13	-	5	-	23	5	-			
PUBLIC UTILITIES -----	168	39.0	210.50	211.50	201.00-213.50	-	-	-	-	5	7	-	6	5	9	9	32	57	3	12	-	5	-	18	-	-			
WHOLESALE TRADE -----	160	39.5	167.50	163.00	154.00-170.00	-	-	5	-	5	20	32	57	29	-	1	-	-	1	-	-	-	-	5	5	-			
RETAIL TRADE -----	267	38.0	146.50	140.50	132.00-163.00	-	1	22	27	62	39	22	43	27	22	2	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	490	36.0	153.50	150.50	140.00-168.00	-	2	21	48	54	111	77	60	58	13	32	13	-	1	-	-	-	-	-	-	-			
SERVICES -----	241	38.5	161.50	160.00	155.00-170.00	-	-	11	-	22	15	31	100	21	23	8	5	1	4	-	-	-	-	-	-	-			
KEYPUNCH OPERATORS, CLASS A -----	1,318	38.0	170.50	168.00	152.00-185.00	-	-	13	68	59	145	185	223	207	131	75	103	64	10	2	-	9	2	18	-	4			
MANUFACTURING -----	628	38.5	171.50	170.00	152.00-185.00	-	-	-	48	11	66	68	116	105	82	31	74	11	5	1	-	4	2	-	-	4			
NONMANUFACTURING -----	690	38.0	170.00	164.00	151.00-183.00	-	-	13	20	48	79	117	107	102	49	44	29	53	5	1	-	5	-	18	-	-			
WHOLESALE TRADE -----	83	39.0	165.00	163.00	159.00-176.00	-	-	-	-	-	1	32	20	29	-	1	-	-	-	-	-	-	-	-	-	-			
RETAIL TRADE -----	134	38.5	149.00	151.00	132.00-169.00	-	-	12	12	26	15	8	28	14	17	2	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	273	37.0	163.00	161.50	148.00-175.00	-	-	1	8	21	54	50	39	43	11	32	13	-	1	-	-	-	-	-	5	5			
SERVICES -----	111	38.0	171.50	168.00	155.50-185.50	-	-	-	-	1	9	27	20	16	21	8	4	1	4	-	-	-	-	-	-	-			
KEYPUNCH OPERATORS, CLASS B -----	771	37.5	152.50	146.00	134.00-164.50	-	3	58	62	157	138	52	166	41	24	16	22	5	5	12	-	-	-	5	5	-			
MANUFACTURING -----	135	38.5	145.00	138.00	130.00-148.00	-	-	12	7	57	25	7	7	3	6	9	-	2	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	636	37.5	154.50	150.00	134.00-166.50	-	3	46	55	100	113	45	159	38	18	7	22	5	3	12	-	-	-	-	-	-			
PUBLIC UTILITIES -----	79	39.5	193.00	200.00	171.00-208.00	-	-	-	-	5	7	-	6	5	9	7	21	5	3	11	-	-	-	-	-	-			
WHOLESALE TRADE -----	77	39.5	170.00	160.00	145.50-166.50	-	-	5	-	5	19	-	37	-	-	-	-	-	1	-	-	-	-	-	5	5			
RETAIL TRADE -----	133	37.0	144.00	140.00	130.00-156.50	-	1	10	15	36	24	14	15	13	5	-	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	217	35.5	142.00	143.00	126.50-151.50	-	2	20	40	33	57	27	21	15	2	-	-	-	-	-	-	-	-	-	-	-			
SERVICES -----	130	39.0	152.50	160.00	144.50-160.00	-	-	11	-	21	6	4	80	5	2	-	1	-	-	-	-	-	-	-	-	-			
TABULATING-MACHINE OPERATORS -----	80	38.0	209.00	215.00	190.00-223.50	-	-	-	-	4	1	3	1	4	6	11	8	6	20	9	1	2	1	-	-	3			

* Workers were at \$310 to \$320.

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400				
						Under \$ 130	130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	over		
ALL WORKERS																													
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	1,329	38.0	\$ 357.00	\$ 358.00	\$ 309.00-402.50	-	-	-	-	-	1	9	9	9	10	14	32	55	56	86	122	145	129	151	147	*354			
MANUFACTURING -----	286	40.0	362.50	373.00	328.00-402.50	-	-	-	-	-	-	-	-	-	3	-	7	11	7	7	21	40	30	51	33	76			
NONMANUFACTURING -----	1,043	37.5	356.00	354.50	304.50-402.50	-	-	-	-	1	9	9	9	7	14	25	44	49	79	101	105	99	100	114	278				
WHOLESALE TRADE -----	72	37.5	345.00	337.00	300.00-379.50	-	-	-	-	-	-	-	-	-	-	-	2	10	1	7	9	12	6	9	5	11			
FINANCE -----	580	37.0	332.50	333.50	292.50-374.50	-	-	-	-	1	9	9	8	1	12	12	25	36	52	70	78	74	55	50	88				
SERVICES -----	99	39.0	352.50	374.00	282.00-400.00	-	-	-	-	-	-	-	-	-	-	-	8	4	5	9	7	1	6	16	10	33			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	653	38.0	397.50	385.50	357.50-426.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	13	29	61	65	116	95	271			
MANUFACTURING -----	185	40.0	390.50	385.50	369.50-416.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	19	18	43	28	74			
NONMANUFACTURING -----	468	37.5	400.00	385.50	351.50-441.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	13	26	42	47	73	67	197			
FINANCE -----	264	37.0	373.00	369.00	341.00-410.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	10	20	31	40	47	40	73			
SERVICES -----	57	39.5	400.00	400.00	384.00-402.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	13	10	33			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	569	37.5	333.00	326.50	297.00-373.50	-	-	-	-	1	1	-	1	9	8	9	28	39	67	93	82	62	35	51	83				
MANUFACTURING -----	89	40.0	317.50	326.50	299.00-345.50	-	-	-	-	-	-	-	-	-	3	-	3	8	3	7	18	20	12	8	5	2			
NONMANUFACTURING -----	480	37.5	336.00	326.50	296.50-380.50	-	-	-	-	1	1	-	1	6	8	6	20	36	60	75	62	50	27	46	81				
FINANCE -----	244	37.0	316.50	317.00	287.50-342.00	-	-	-	-	1	1	-	-	-	-	6	3	12	23	37	50	46	33	8	9	15			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	107	37.5	241.50	237.50	222.50-259.50	-	-	-	-	-	8	9	8	1	6	23	26	15	6	-	2	2	-	1	-				
NONMANUFACTURING -----	95	37.5	239.50	233.50	209.50-257.50	-	-	-	-	-	8	9	8	1	6	19	23	11	6	-	1	2	-	1	-				
COMPUTER PROGRAMMERS (BUSINESS) -----	1,423	38.0	276.00	274.00	226.00-322.50	-	-	-	-	67	49	23	94	93	44	70	167	149	146	136	158	99	73	26	29				
MANUFACTURING -----	462	39.0	297.50	297.50	260.50-335.00	-	-	-	-	-	-	-	28	21	2	20	44	56	68	60	61	50	31	11	10				
NONMANUFACTURING -----	961	37.5	265.50	257.50	216.00-312.00	-	-	-	-	67	49	23	66	72	42	50	123	93	78	76	97	49	42	15	19				
RETAIL TRADE -----	65	38.5	265.50	253.00	245.00-279.00	-	-	-	-	-	1	2	1	2	2	4	29	8	5	6	1	1	-	-	3				
FINANCE -----	627	37.0	258.50	251.00	213.50-303.00	-	-	-	-	52	38	12	42	55	28	42	77	72	48	43	49	33	24	5	7				
SERVICES -----	201	38.5	294.00	317.00	226.00-335.00	-	-	-	-	11	-	9	18	3	12	4	12	3	11	22	46	14	17	10	9				
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	615	38.0	317.50	322.00	287.50-348.50	-	-	-	-	-	-	2	16	8	-	8	33	52	95	68	136	91	59	19	28				
MANUFACTURING -----	265	39.0	314.50	319.50	282.00-353.50	-	-	-	-	-	-	-	16	8	-	6	4	21	44	34	46	43	26	8	9				
NONMANUFACTURING -----	350	37.5	320.00	323.00	288.00-345.50	-	-	-	-	-	-	2	-	-	-	2	29	31	51	34	90	48	33	11	19				
FINANCE -----	187	36.5	324.00	326.50	288.50-351.50	-	-	-	-	-	-	-	-	-	-	-	2	28	29	13	46	33	24	5	7				
SERVICES -----	104	38.5	331.00	324.50	319.00-340.00	-	-	-	-	-	-	2	-	-	-	2	2	-	9	11	42	13	8	6	9				
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	539	38.0	263.50	257.00	230.50-293.50	-	-	-	-	1	13	5	23	56	23	51	114	86	49	67	21	8	14	7	1				
MANUFACTURING -----	158	39.5	285.50	279.50	250.00-308.00	-	-	-	-	-	-	-	-	1	-	14	35	31	22	25	14	7	5	3	1				
NONMANUFACTURING -----	381	37.5	254.50	249.50	219.50-279.00	-	-	-	-	1	13	5	23	55	23	37	79	55	27	42	7	1	9	4	-				
FINANCE -----	263	37.0	250.50	246.00	222.00-276.50	-	-	-	-	1	7	3	10	41	17	34	61	37	19	30	3	-	-	-	-				
SERVICES -----	59	39.0	287.50	290.00	225.00-335.00	-	-	-	-	-	-	-	12	-	4	-	9	3	2	11	4	1	9	4	-				
COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	269	37.5	205.00	201.00	185.50-220.00	-	-	-	-	66	36	16	55	29	21	11	20	11	2	1	1	-	-	-	-				
NONMANUFACTURING -----	230	37.5	201.00	199.50	174.00-214.50	-	-	-	-	66	36	16	43	17	19	11	15	7	-	-	-	-	-	-	-				
FINANCE -----	177	37.0	201.50	199.50	174.00-215.00	-	-	-	-	51	31	9	32	14	11	8	14	7	-	-	-	-	-	-	-				
COMPUTER OPERATORS -----	1,794	38.0	203.00	196.00	175.00-227.00	43	30	59	111	118	198	196	195	141	162	119	70	180	51	91	16	11	1	1	1	-			
MANUFACTURING -----	481	39.0	225.00	219.00	190.00-255.50	-	1	3	3	19	33	57	54	46	29	41	24	62	23	70	12	1	1	1	1	-			
NONMANUFACTURING -----	1,313	37.5	194.50	191.00	167.50-219.50	43	29	56	108	99	165	139	141	95	133	78	46	118	28	21	4	10	-	-	-				
WHOLESALE TRADE -----	59	39.0	187.00	179.00	165.00-192.00	-	-	-	12	15	6	9	11	-	-	-	1	1	-	-	5	-	-	-	-				
RETAIL TRADE -----	105	38.0	182.50	180.00	167.00-196.00	1	4	2	13	11	20	11	21	7	5	7	1	1	1	-	-	-	-	-	-				
FINANCE -----	675	36.5	196.00	192.50	171.50-218.50	10	10	20	57	55	97	74	59	74	54	49	20	67	17	12	-	-	-	-	-				
SERVICES -----	387	39.0	189.50	185.00	150.00-225.00	32	15	34	26	18	42	37	48	12	14	20	25	46	10	4	4	-	-	-	-				

* Workers were distributed as follows: 107 at \$400 to \$420; 75 at \$420 to \$440; 68 at \$440 to \$460; 24 at \$460 to \$480; 20 at \$480 to \$500; 26 at \$500 to \$520; 13 at \$520 to \$540; 17 at \$540 to \$560; and 4 at \$560 to \$580.

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																														
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
						130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	and over										
						Under \$ 130	130 and under 140	140 150	150 160	160 170	170 180	180 190	190 200	200 210	210 220	220 230	230 240	240 260	260 280	280 300	300 320	320 340	340 360	360 380	380 400	400 and over										
ALL WORKERS-- CONTINUED																																				
COMPUTER OPERATORS - CONTINUED																																				
COMPUTER OPERATORS, CLASS A -----	691	38.0	\$ 230.00	\$ 224.50	\$ 204.50-252.50	-	-	3	10	5	16	61	67	42	116	53	43	142	41	78	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	207	39.5	252.50	255.50	227.50-287.00	-	-	-	-	-	-	3	19	13	9	11	11	49	21	64	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	484	37.0	220.00	219.50	193.50-240.00	-	-	3	10	5	16	58	48	29	107	42	32	93	20	14	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	245	36.5	223.00	218.50	195.00-244.00	-	-	-	-	-	5	40	27	20	32	25	18	52	14	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	129	39.0	221.50	225.00	193.50-240.00	-	-	2	2	2	8	7	17	5	11	13	14	39	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMPUTER OPERATORS, CLASS B -----	813	38.0	193.00	190.00	172.50-209.00	14	16	37	21	75	129	114	120	93	40	58	26	37	9	13	7	1	1	1	1	1	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	228	39.0	208.00	200.00	182.50-225.00	-	-	3	-	7	24	46	34	32	16	23	13	13	2	6	5	1	1	1	1	1	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	585	37.5	187.50	184.00	165.00-204.00	14	16	34	21	68	105	68	86	61	24	35	13	24	7	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	62	38.5	186.50	190.00	170.00-196.00	-	2	-	1	4	17	7	19	5	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	280	36.0	189.00	187.00	167.00-209.00	-	-	13	20	39	49	22	25	52	20	23	1	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	199	39.5	182.50	181.00	161.00-194.00	14	14	21	-	15	33	30	31	4	3	7	11	7	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMPUTER OPERATORS, CLASS C -----	290	38.0	165.50	161.00	150.00-175.00	29	14	19	80	38	53	21	8	6	6	8	1	1	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	244	38.0	161.50	155.00	150.00-175.00	*29	13	19	77	26	44	13	7	5	2	1	1	1	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	150	37.0	164.50	165.50	150.00-175.00	10	10	7	37	16	43	12	7	2	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	59	39.5	143.00	145.00	125.00-150.00	18	1	11	24	1	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRAFTERS -----	2,972	39.5	259.00	261.50	214.00-302.00	29	43	44	37	96	70	82	127	139	153	159	159	298	302	444	262	218	194	61	39	16	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,334	40.0	259.50	264.50	214.00-302.00	-	16	32	15	59	24	44	75	45	54	104	68	106	116	215	122	118	58	24	27	12	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,638	39.0	258.50	261.00	212.00-301.00	29	27	12	22	37	46	38	52	94	99	55	91	192	186	229	140	100	136	37	12	4	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	117	39.5	317.50	316.50	293.50-344.50	-	-	-	-	-	-	-	-	-	1	-	2	6	4	29	19	15	41	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,459	39.0	257.00	259.50	212.00-296.50	17	21	4	21	32	44	38	50	93	97	52	76	185	180	198	121	85	95	34	12	4	-	-	-	-	-	-	-	-	-	
DRAFTERS, CLASS A -----	1,226	39.5	304.00	299.50	277.00-336.00	-	-	-	-	-	-	-	-	6	6	15	51	101	147	293	186	147	161	59	38	16	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	574	40.0	304.00	301.50	275.50-336.00	-	-	-	-	-	-	-	-	6	6	10	33	49	50	130	82	89	56	24	27	12	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	652	39.5	304.00	297.00	277.50-333.50	-	-	-	-	-	-	-	-	-	-	5	18	52	97	163	104	58	105	35	11	4	-	-	-	-	-	-	-	-	-	
SERVICES -----	602	39.5	301.00	294.00	275.00-324.00	-	-	-	-	-	-	-	-	-	-	4	17	52	95	161	104	58	64	32	11	4	-	-	-	-	-	-	-	-	-	
DRAFTERS, CLASS B -----	1,083	39.5	253.50	248.00	222.00-287.00	1	3	8	7	5	11	16	44	42	107	128	71	168	141	148	76	71	33	2	1	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	467	40.0	251.50	247.00	220.00-287.00	-	-	-	-	-	-	16	39	17	45	81	27	33	54	84	40	29	2	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	616	39.0	255.00	250.00	225.00-285.00	1	3	8	7	5	11	-	5	25	62	47	44	135	87	64	36	42	31	2	1	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	65	39.5	306.00	316.50	293.50-316.50	-	-	-	-	-	-	-	-	-	-	-	-	2	2	27	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	526	39.0	253.00	246.00	225.00-271.50	-	-	-	6	-	10	-	3	25	61	45	44	132	85	37	17	27	31	2	1	-	-	-	-	-	-	-	-	-	-	
DRAFTERS, CLASS C -----	612	39.5	187.50	190.00	160.00-206.00	23	22	31	20	86	55	65	82	90	39	16	37	29	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	273	40.0	187.00	180.00	160.00-205.00	-	13	31	10	54	21	27	35	21	3	13	8	24	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	339	39.0	188.00	195.00	171.00-208.00	23	9	-	10	32	34	38	47	69	36	3	29	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	301	39.0	187.00	191.00	174.00-205.00	12	6	-	10	32	33	38	47	68	36	3	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRAFTER-TRACERS -----	51	40.0	147.00	140.00	132.00-160.50	5	18	5	10	5	4	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELECTRONICS TECHNICIANS -----	1,929	40.0	258.00	247.00	217.00-308.50	2	3	33	19	52	24	65	97	106	118	160	181	195	150	103	200	377	37	5	2	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	1,257	40.0	239.00	236.00	208.00-271.00	2	3	29	7	45	19	55	86	90	90	127	162	159	120	73	108	68	13	-	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	672	40.0	293.50	326.00	251.50-334.50	-	-	4	12	7	5	10	11	16	28	33	19	36	30	30	92	309	24	5	1	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	194	40.0	252.00	243.50	209.50-298.00	-	-	4	12	4	2	10	8	10	7	18	7	30	15	19	22	15	5	5	1	-	-	-	-	-	-	-	-	-	-	
ELECTRONICS TECHNICIANS, CLASS A-----	976	40.0	293.00	307.00	256.00-334.50	-	-	-	-	-	2	-	5	6	34	56	80	76	101	72	140	376	21	5	2	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	481	40.0	278.00	280.00	245.00-307.00	-	-	-	-	-	-	-	3	-	10	36	63	50	80	52	106	67	13	-	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	495	40.0	307.00	334.50	285.00-334.50	-	-	-	-	-	2	-	2	6	24	20	17	26	21	20	34	309	8	5	1	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	115	40.0	274.50	271.00	220.00-317.50	-	-	-	-	-	2	-	2	6	6	14	5	20	6	9	19	15	5	5	1	-	-	-	-	-	-	-	-	-	-	

* Workers were at \$120 to \$130.

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hour ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ²	Median ²	Middle range ²	\$ Under and \$ 130	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400
						130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	over
ALL WORKERS-- CONTINUED																										
ELECTRONICS TECHNICIANS - CONTINUED																										
ELECTRONICS TECHNICIANS, CLASS B- MANUFACTURING -----	658	40.0	\$ 236.00	\$ 229.50	\$ 208.00-255.00	-	-	-	4	3	6	47	47	78	66	78	78	104	43	29	59	-	16	-	-	-
NONMANUFACTURING -----	508	40.0	227.00	224.00	208.00-242.00	-	-	-	-	-	3	37	40	68	62	67	76	98	35	20	2	-	-	-	-	-
SERVICES -----	150	40.0	267.50	292.50	210.50-306.50	-	-	-	4	3	3	10	7	10	4	11	2	6	8	9	57	-	16	-	-	-
ELECTRONICS TECHNICIANS, CLASS C- MANUFACTURING -----	52	40.0	233.00	232.00	189.50-274.00	-	-	-	4	-	-	10	4	4	1	2	2	6	8	9	2	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES -----	196	40.0	185.00	181.00	163.50-205.50	-	-	29	8	47	10	17	28	10	9	18	16	3	-	-	-	1	-	-	-	-
MANUFACTURING -----	176	40.0	187.00	181.00	164.00-210.00	-	-	25	-	43	10	17	26	10	9	16	16	3	-	-	-	1	-	-	-	-
REGISTERED INDUSTRIAL NURSES -----	164	39.0	247.00	248.00	227.00-261.00	-	-	-	-	-	1	-	16	3	9	14	19	58	25	9	3	4	1	2	-	-
MANUFACTURING -----	118	39.5	246.00	248.00	230.00-258.00	-	-	-	-	-	1	-	12	3	2	11	16	51	9	5	1	4	1	2	-	-

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, in Boston, Mass., August 1977

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED			
FILE CLERKS -----	62	38.0	\$ 140.00	SECRETARIES - CONTINUED				TYPISTS - CONTINUED			
NONMANUFACTURING -----	61	38.0	140.00	SECRETARIES, CLASS C -----	3,704	38.0	\$ 204.00	TYPISTS, CLASS B -----	1,273	37.5	\$ 137.50
MESSENGERS -----	628	37.5	133.00	MANUFACTURING -----	1,605	39.0	209.50	MANUFACTURING -----	261	39.5	141.00
MANUFACTURING -----	140	38.5	148.00	NONMANUFACTURING -----	2,099	37.5	200.00	NONMANUFACTURING -----	1,012	37.0	137.00
NONMANUFACTURING -----	488	37.5	129.00	PUBLIC UTILITIES -----	217	38.0	253.50	FINANCE -----	720	36.5	131.50
FINANCE -----	266	36.5	126.50	WHOLESALE TRADE -----	292	38.0	198.50	SERVICES -----	167	37.0	133.00
SERVICES -----	195	38.5	129.00	RETAIL TRADE -----	150	37.5	172.00	FILE CLERKS -----	1,783	37.5	131.00
ORDER CLERKS -----	198	39.0	218.50	FINANCE -----	1,048	36.5	190.00	MANUFACTURING -----	289	37.5	135.50
NONMANUFACTURING -----	151	39.0	220.50	SERVICES -----	392	39.0	208.50	NONMANUFACTURING -----	1,494	37.5	130.00
WHOLESALE TRADE -----	148	39.0	222.00	SECRETARIES, CLASS D -----	4,545	38.0	185.00	PUBLIC UTILITIES -----	73	39.0	180.50
ACCOUNTING CLERKS -----	572	38.0	193.00	MANUFACTURING -----	1,467	39.0	189.50	WHOLESALE TRADE -----	105	39.0	151.50
MANUFACTURING -----	181	38.5	200.00	NONMANUFACTURING -----	3,078	37.5	183.00	FINANCE -----	1,102	37.0	120.00
NONMANUFACTURING -----	391	38.0	189.50	PUBLIC UTILITIES -----	161	38.5	230.50	FILE CLERKS, CLASS A -----	391	37.0	152.50
PUBLIC UTILITIES -----	90	40.0	246.00	WHOLESALE TRADE -----	227	38.0	190.00	NONMANUFACTURING -----	303	37.5	155.50
FINANCE -----	135	36.0	165.00	RETAIL TRADE -----	120	36.5	155.00	FINANCE -----	205	37.0	140.50
SERVICES -----	87	38.0	189.50	FINANCE -----	1,629	36.0	176.00	SERVICES -----	57	38.0	178.00
ACCOUNTING CLERKS, CLASS A -----	381	38.5	210.50	SERVICES -----	941	39.5	189.00	FILE CLERKS, CLASS B -----	675	37.0	122.00
MANUFACTURING -----	117	39.0	217.00	STENOGRAPHERS -----	1,203	38.0	183.50	NONMANUFACTURING -----	641	37.0	120.50
NONMANUFACTURING -----	264	38.0	207.50	MANUFACTURING -----	390	39.5	184.50	FINANCE -----	578	37.0	118.00
FINANCE -----	84	35.5	182.00	NONMANUFACTURING -----	813	37.5	183.00	FILE CLERKS, CLASS C -----	717	37.5	127.50
SERVICES -----	61	39.0	204.00	PUBLIC UTILITIES -----	122	39.0	227.00	MANUFACTURING -----	167	37.5	129.00
ACCOUNTING CLERKS, CLASS B -----	191	37.5	157.50	WHOLESALE TRADE -----	73	39.0	167.00	NONMANUFACTURING -----	550	37.5	127.50
MANUFACTURING -----	64	38.0	169.50	FINANCE -----	193	36.0	170.50	PUBLIC UTILITIES -----	70	39.0	177.50
NONMANUFACTURING -----	127	37.0	151.50	SERVICES -----	387	38.0	177.00	FINANCE -----	319	37.0	111.00
FINANCE -----	51	36.0	138.00	STENOGRAPHERS, GENERAL -----	618	38.5	180.00	MESSENGERS -----	282	37.5	127.50
OFFICE OCCUPATIONS - WOMEN				MANUFACTURING -----	244	39.5	183.00	MANUFACTURING -----	56	38.5	151.50
SECRETARIES -----	11,285	38.0	203.00	NONMANUFACTURING -----	374	37.5	178.00	NONMANUFACTURING -----	226	37.5	121.50
MANUFACTURING -----	4,383	39.0	210.50	PUBLIC UTILITIES -----	103	38.5	219.50	FINANCE -----	135	37.0	119.00
NONMANUFACTURING -----	6,902	37.5	198.50	WHOLESALE TRADE -----	53	39.0	158.00	SWITCHBOARD OPERATORS -----	745	38.5	163.00
PUBLIC UTILITIES -----	492	38.5	253.00	FINANCE -----	107	36.5	154.00	MANUFACTURING -----	198	39.5	179.50
WHOLESALE TRADE -----	739	38.0	200.00	SERVICES -----	86	37.0	161.50	NONMANUFACTURING -----	547	38.0	157.00
RETAIL TRADE -----	440	37.5	180.00	STENOGRAPHERS, SENIOR -----	585	38.0	187.50	PUBLIC UTILITIES -----	40	40.0	204.50
FINANCE -----	3,431	36.0	190.00	MANUFACTURING -----	146	39.0	187.50	RETAIL TRADE -----	68	37.5	157.00
SERVICES -----	1,800	39.0	204.00	NONMANUFACTURING -----	439	38.0	187.50	FINANCE -----	188	36.5	154.50
SECRETARIES, CLASS A -----	658	37.5	245.50	FINANCE -----	86	35.5	191.00	SERVICES -----	202	39.0	148.50
MANUFACTURING -----	246	38.5	254.50	SERVICES -----	301	38.0	181.50	SWITCHBOARD OPERATOR-RECEPTIONISTS -----	780	38.5	158.00
NONMANUFACTURING -----	412	37.5	239.50	TRANSCRIBING-MACHINE TYPISTS -----	306	37.5	165.00	MANUFACTURING -----	354	39.0	160.00
WHOLESALE TRADE -----	70	37.0	232.50	NONMANUFACTURING -----	245	37.0	166.00	NONMANUFACTURING -----	426	38.0	156.00
FINANCE -----	214	37.0	240.50	FINANCE -----	200	36.5	156.50	WHOLESALE TRADE -----	136	39.0	150.50
SERVICES -----	71	38.5	251.00	TYPISTS -----	2,440	37.5	149.00	RETAIL TRADE -----	75	38.0	149.50
SECRETARIES, CLASS B -----	2,357	38.0	224.50	MANUFACTURING -----	624	39.0	148.50	FINANCE -----	80	35.5	169.50
MANUFACTURING -----	1,065	38.5	230.50	NONMANUFACTURING -----	1,816	37.0	149.00	SERVICES -----	126	38.5	152.50
NONMANUFACTURING -----	1,292	37.5	220.00	PUBLIC UTILITIES -----	92	38.5	224.50	ORDER CLERKS -----	926	38.5	168.50
PUBLIC UTILITIES -----	103	38.5	282.00	WHOLESALE TRADE -----	75	37.0	147.50	MANUFACTURING -----	503	38.0	166.50
WHOLESALE TRADE -----	150	38.0	202.50	FINANCE -----	1,073	36.5	137.00	NONMANUFACTURING -----	423	39.0	171.00
RETAIL TRADE -----	103	37.5	200.50	SERVICES -----	530	38.0	161.50	WHOLESALE TRADE -----	379	39.0	174.00
FINANCE -----	540	36.0	212.00	TYPISTS, CLASS A -----	1,167	38.0	161.50				
SERVICES -----	396	39.0	226.50	MANUFACTURING -----	363	38.5	154.50				
				NONMANUFACTURING -----	804	37.5	164.50				
				PUBLIC UTILITIES -----	44	38.0	211.50				
				FINANCE -----	353	36.5	147.50				
				SERVICES -----	363	38.5	175.00				

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, in Boston, Mass., August 1977—Continued

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			
ACCOUNTING CLERKS -----	5,433	37.5	\$ 169.00	KEYPUNCH OPERATORS - CONTINUED				COMPUTER PROGRAMMERS (BUSINESS) - CONTINUED			
MANUFACTURING -----	1,491	38.5	172.00								
NONMANUFACTURING -----	3,942	37.5	167.50	KEYPUNCH OPERATORS, CLASS A -----	1,310	38.0	\$ 170.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	386	38.0	\$ 263.50
WHOLESALE TRADE -----	569	38.5	161.50	MANUFACTURING -----	623	38.5	171.00	MANUFACTURING -----	109	39.0	289.00
RETAIL TRADE -----	738	37.5	141.50	NONMANUFACTURING -----	687	38.0	170.00	NONMANUFACTURING -----	277	37.5	254.00
FINANCE -----	1,265	36.0	153.00	WHOLESALE TRADE -----	83	39.0	165.00	FINANCE -----	189	37.0	253.00
SERVICES -----	569	38.0	171.50	RETAIL TRADE -----	134	38.5	149.00				
				FINANCE -----	270	37.0	162.50				
ACCOUNTING CLERKS, CLASS A -----	2,184	38.0	192.00	SERVICES -----	111	38.0	171.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	173	37.5	204.00
MANUFACTURING -----	568	39.0	195.00	KEYPUNCH OPERATORS, CLASS B -----	762	37.5	152.50	NONMANUFACTURING -----	150	37.5	200.00
NONMANUFACTURING -----	1,616	38.0	190.50	MANUFACTURING -----	133	38.5	144.50	FINANCE -----	111	37.0	201.00
PUBLIC UTILITIES -----	506	38.5	220.00	NONMANUFACTURING -----	629	37.5	154.00				
WHOLESALE TRADE -----	202	39.0	184.00	PUBLIC UTILITIES -----	79	39.5	193.00	COMPUTER OPERATORS -----	1,364	38.0	205.50
RETAIL TRADE -----	244	37.5	170.00	WHOLESALE TRADE -----	76	39.5	169.00	MANUFACTURING -----	371	39.0	231.00
FINANCE -----	425	36.5	169.00	RETAIL TRADE -----	128	37.0	143.50	NONMANUFACTURING -----	993	37.5	196.00
SERVICES -----	239	38.0	194.00	FINANCE -----	216	35.5	142.00	RETAIL TRADE -----	78	38.0	185.50
				SERVICES -----	130	39.0	152.50	FINANCE -----	552	36.5	197.00
ACCOUNTING CLERKS, CLASS B -----	3,249	37.5	153.50					SERVICES -----	321	39.0	195.50
MANUFACTURING -----	923	38.0	157.50	PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN							
NONMANUFACTURING -----	2,326	37.0	151.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	992	38.0	366.00	COMPUTER OPERATORS, CLASS A -----	525	38.0	234.50
WHOLESALE TRADE -----	367	38.5	149.00	MANUFACTURING -----	251	40.0	369.00	MANUFACTURING -----	178	39.5	257.00
RETAIL TRADE -----	494	37.0	128.00	NONMANUFACTURING -----	741	37.5	365.00	NONMANUFACTURING -----	347	37.5	223.50
FINANCE -----	840	36.0	145.00	WHOLESALE TRADE -----	52	37.5	357.50	FINANCE -----	186	36.5	227.50
SERVICES -----	330	38.0	155.00	FINANCE -----	401	37.0	345.00	SERVICES -----	126	39.0	221.50
BOOKKEEPING-MACHINE OPERATORS -----	217	37.5	158.50	SERVICES -----	83	39.5	363.50				
MANUFACTURING -----	68	39.5	170.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	530	38.5	399.00	COMPUTER OPERATORS, CLASS B -----	629	38.0	195.50
NONMANUFACTURING -----	149	36.5	153.00	MANUFACTURING -----	166	40.0	396.00	MANUFACTURING -----	164	39.0	212.50
				NONMANUFACTURING -----	364	37.5	400.00	NONMANUFACTURING -----	465	37.5	189.50
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	92	38.0	180.50	FINANCE -----	201	36.5	376.50	FINANCE -----	253	36.0	190.50
				SERVICES -----	55	39.5	399.50	SERVICES -----	158	39.5	187.50
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	125	37.5	142.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	414	38.0	337.50	COMPUTER OPERATORS, CLASS C -----	210	38.0	163.50
NONMANUFACTURING -----	97	36.5	134.50	MANUFACTURING -----	77	40.0	322.00	NONMANUFACTURING -----	181	38.0	161.50
MACHINE BILLERS -----	131	38.5	149.50	NONMANUFACTURING -----	337	37.5	341.00	FINANCE -----	113	37.5	161.50
MANUFACTURING -----	78	39.0	145.00	FINANCE -----	175	36.5	322.50				
NONMANUFACTURING -----	53	37.5	155.50	SERVICES -----	55	39.5	399.50	DRAFTERS -----	2,821	39.5	262.00
				COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	414	38.0	337.50	MANUFACTURING -----	1,269	40.0	262.50
BILLING-MACHINE BILLERS -----	59	40.0	138.00	MANUFACTURING -----	77	40.0	322.00	NONMANUFACTURING -----	1,552	39.0	262.00
MANUFACTURING -----	54	40.0	136.00	NONMANUFACTURING -----	337	37.5	341.00	PUBLIC UTILITIES -----	116	39.5	318.00
				FINANCE -----	175	36.5	322.50	SERVICES -----	1,386	39.0	259.50
BOOKKEEPING-MACHINE BILLERS -----	72	37.0	158.50	SERVICES -----	55	39.5	399.50				
				COMPUTER PROGRAMMERS (BUSINESS) -----	1,028	38.0	280.50	DRAFTERS, CLASS A -----	1,207	39.5	304.50
PAYROLL CLERKS -----	540	38.5	177.50	MANUFACTURING -----	350	39.0	303.00	MANUFACTURING -----	571	40.0	304.00
MANUFACTURING -----	326	39.0	177.00	NONMANUFACTURING -----	678	37.5	269.00	NONMANUFACTURING -----	636	39.5	305.00
NONMANUFACTURING -----	214	38.0	178.50	FINANCE -----	428	37.0	263.00	SERVICES -----	586	39.5	301.50
RETAIL TRADE -----	74	38.0	159.00	SERVICES -----	163	38.5	293.00				
SERVICES -----	61	38.0	177.00					DRAFTERS, CLASS B -----	1,037	39.5	255.00
								MANUFACTURING -----	438	40.0	254.00
KEYPUNCH OPERATORS -----	2,072	38.0	164.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	469	38.5	322.50	NONMANUFACTURING -----	599	39.0	256.00
MANUFACTURING -----	756	38.5	166.50	MANUFACTURING -----	218	39.0	317.50	PUBLIC UTILITIES -----	65	39.5	306.00
NONMANUFACTURING -----	1,316	37.5	162.50	NONMANUFACTURING -----	251	37.5	326.50	SERVICES -----	513	39.0	253.50
PUBLIC UTILITIES -----	168	39.0	210.50	FINANCE -----	128	36.5	331.00				
WHOLESALE TRADE -----	159	39.5	167.00	SERVICES -----	89	38.5	334.00	DRAFTERS, CLASS C -----	540	39.5	189.00
RETAIL TRADE -----	262	38.0	146.50					MANUFACTURING -----	249	40.0	187.00
FINANCE -----	486	36.0	153.50					NONMANUFACTURING -----	291	39.0	190.50
SERVICES -----	241	38.5	161.50					SERVICES -----	262	39.0	188.00

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, in Boston, Mass., August 1977—Continued

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN--CONTINUED			
ELECTRONICS TECHNICIANS -----	1,860	40.0	\$ 259.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS) - CONTINUED				COMPUTER OPERATORS -----	430	37.5	\$ 194.00
MANUFACTURING -----	1,216	40.0	240.00					MANUFACTURING -----	110	39.0	205.50
NONMANUFACTURING -----	644	40.0	295.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	155	37.5	\$ 320.50	NONMANUFACTURING -----	320	37.5	190.00
SERVICES -----	182	40.0	257.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	143	37.0	323.50	FINANCE -----	123	36.0	191.00
ELECTRONICS TECHNICIANS, CLASS A-----	953	40.0	292.50	MANUFACTURING -----	69	37.0	301.50	SERVICES -----	66	39.5	161.00
MANUFACTURING -----	474	40.0	278.50	COMPUTER PROGRAMMERS (BUSINESS) -----	395	37.5	264.00	COMPUTER OPERATORS, CLASS A -----	166	37.0	215.00
NONMANUFACTURING -----	479	40.0	306.50	MANUFACTURING -----	112	39.0	279.00	NONMANUFACTURING -----	137	36.5	212.00
SERVICES -----	115	40.0	274.50	NONMANUFACTURING -----	283	37.0	258.00	FINANCE -----	59	35.5	208.50
ELECTRONICS TECHNICIANS, CLASS B-----	635	40.0	237.00	FINANCE -----	199	37.0	249.50	COMPUTER OPERATORS, CLASS B -----	184	38.0	185.50
MANUFACTURING -----	487	40.0	227.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	146	37.5	301.50	MANUFACTURING -----	64	38.0	197.50
NONMANUFACTURING -----	148	40.0	268.00	NONMANUFACTURING -----	99	37.0	303.50	NONMANUFACTURING -----	120	38.0	179.00
SERVICES -----	50	40.0	232.50	FINANCE -----	59	36.5	309.50	COMPUTER OPERATORS, CLASS C -----	80	38.0	170.50
ELECTRONICS TECHNICIANS, CLASS C-----	182	40.0	186.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	153	38.0	264.00	NONMANUFACTURING -----	63	37.5	163.00
MANUFACTURING -----	172	40.0	187.00	NONMANUFACTURING -----	104	37.5	257.00	DRAFTERS -----	151	39.5	199.00
PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN				FINANCE -----	74	37.0	243.50	MANUFACTURING -----	65	40.0	201.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	337	37.5	331.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	96	37.5	206.50	NONMANUFACTURING -----	86	39.5	197.50
NONMANUFACTURING -----	302	37.0	333.00	NONMANUFACTURING -----	80	37.0	203.00	SERVICES -----	73	40.0	205.50
FINANCE -----	179	37.0	304.00	FINANCE -----	66	37.0	202.50	DRAFTERS, CLASS C -----	72	39.5	180.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	123	37.5	391.00					ELECTRONICS TECHNICIANS -----	69	39.5	231.50
NONMANUFACTURING -----	104	37.0	399.50					REGISTERED INDUSTRIAL NURSES -----	161	39.0	247.00
FINANCE -----	63	37.0	361.50					MANUFACTURING -----	115	39.5	245.50

See footnotes at end of tables.

Table A-4. Hourly earnings of maintenance, toolroom, and powerplant workers in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	\$ 5.80	\$ 6.00	\$ 6.20	\$ 6.40	\$ 6.60	\$ 6.80	\$ 7.00	\$ 7.20	\$ 7.40	\$ 7.60	\$ 7.80	\$ 8.00	\$ 8.20	\$ 8.40	\$ 8.60		
					Under \$ 4.40	and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL WORKERS		\$	\$	\$																								
MAINTENANCE CARPENTERS -----	336	6.68	6.49	6.08- 7.24	2	2	1	5	2	8	18	15	29	19	63	33	29	8	14	26	17	-	12	9	-	-	24	
MANUFACTURING -----	178	6.67	6.39	6.36- 7.11	-	-	1	-	-	3	3	12	7	11	55	31	7	1	13	3	10	-	12	-	-	-	9	
NONMANUFACTURING -----	158	6.69	6.67	5.82- 7.32	2	2	-	5	2	5	15	3	22	8	8	2	22	7	1	23	7	-	-	9	-	-	15	
RETAIL TRADE -----	52	7.09	6.13	5.42- 8.82	2	-	-	-	2	13	-	5	5	1	-	-	-	-	4	-	-	-	5	-	-	-	*15	
FINANCE -----	58	6.79	6.75	6.51- 7.32	-	-	-	-	-	2	-	3	2	1	6	2	16	3	1	17	5	-	-	-	-	-	-	
MAINTENANCE ELECTRICIANS -----	961	7.06	6.99	6.23- 7.91	-	24	1	6	4	17	37	91	22	36	29	47	39	129	34	119	43	23	78	32	32	8**110		
MANUFACTURING -----	754	6.91	6.99	5.87- 7.54	-	24	-	6	4	17	37	86	17	28	19	45	21	121	29	99	31	14	46	16	31	8	55	
NONMANUFACTURING -----	207	7.62	7.91	6.94- 8.62	-	-	1	-	-	-	5	5	8	10	2	18	8	5	20	12	9	32	16	1	-	55		
FINANCE -----	50	7.22	7.05	6.80- 8.01	-	-	1	-	-	-	-	2	-	1	2	9	7	5	4	-	2	-	16	1	-	-	-	
MAINTENANCE PAINTERS -----	194	6.45	6.24	5.67- 7.31	6	4	1	12	13	4	2	14	5	31	30	5	3	3	6	8	9	-	4	9	-	-	***25	
MANUFACTURING -----	95	6.58	6.24	6.10- 6.93	-	-	-	-	2	1	1	9	2	30	25	-	1	6	-	4	-	-	-	-	-	-	14	
NONMANUFACTURING -----	99	6.34	6.20	5.17- 7.52	6	4	1	12	11	3	1	5	3	1	5	5	3	2	-	8	5	-	4	9	-	-	11	
MAINTENANCE MACHINISTS -----	851	6.68	6.84	6.00- 6.99	12	-	-	4	33	47	22	65	28	40	25	49	99	279	12	9	20	-	33	-	13	1	60	
MANUFACTURING -----	834	6.67	6.80	6.00- 6.99	12	-	-	3	33	47	22	65	26	38	23	49	99	279	12	9	19	-	33	-	13	-	52	
MAINTENANCE MECHANICS (MACHINERY) -----	2,046	6.56	6.84	5.75- 7.50	93	-	31	153	100	72	36	49	143	38	160	69	63	184	82	211	166	26	184	72	71	33	10	
MANUFACTURING -----	1,763	6.48	6.70	5.47- 7.36	93	-	31	147	96	70	30	36	91	37	147	69	57	182	69	192	116	24	149	48	71	8	-	
NONMANUFACTURING -----	283	7.08	7.42	5.87- 7.99	-	-	-	6	4	2	6	13	52	1	13	-	6	2	13	19	50	2	35	24	-	25	10	
RETAIL TRADE -----	129	6.92	7.42	5.87- 7.43	-	-	-	-	1	1	1	52	1	1	-	6	1	-	-	37	-	-	-	-	-	25	3	
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	634	7.62	7.86	6.92- 8.27	5	-	24	-	3	-	26	1	13	24	7	15	18	26	84	19	22	-	55	42	100	15	†135	
MANUFACTURING -----	146	6.93	6.92	6.36- 7.00	-	-	-	-	3	-	-	-	13	18	3	13	13	18	31	6	-	-	16	-	-	-	12	
NONMANUFACTURING -----	488	7.83	8.07	7.15- 8.65	5	-	24	-	-	26	1	-	6	4	2	5	8	53	13	22	-	55	26	100	15	123		
PUBLIC UTILITIES -----	284	8.28	8.07	7.25- 8.95	-	-	-	-	-	-	-	-	-	4	4	1	4	2	49	13	4	-	39	26	24	8	106	
RETAIL TRADE -----	167	7.10	7.84	5.42- 8.25	-	-	24	-	-	26	-	-	2	-	1	-	1	4	-	18	-	16	-	75	-	-	-	
MAINTENANCE PIPEFITTERS -----	325	7.09	7.22	6.39- 7.92	-	-	-	4	3	17	1	33	-	11	34	6	13	6	14	80	8	1	36	1	16	-	41	
MANUFACTURING -----	308	7.10	7.22	6.39- 7.92	-	-	-	4	3	17	1	31	-	8	34	6	13	5	9	76	8	1	36	1	16	-	39	
MAINTENANCE SHEET-METAL WORKERS -----	108	6.79	6.85	6.58- 7.22	-	-	-	-	9	-	12	-	3	-	4	24	6	9	28	1	-	9	-	2	-	1	-	
MANUFACTURING -----	88	6.82	7.11	6.09- 7.22	-	-	-	-	9	-	12	-	3	-	4	6	4	9	28	1	-	9	-	2	-	1	-	
MILLWRIGHTS -----	134	6.02	6.39	5.39- 6.39	-	-	27	-	9	-	4	1	10	57	2	14	-	7	1	2	-	-	-	-	-	-	-	
MANUFACTURING -----	127	6.01	6.39	5.39- 6.39	-	-	27	-	9	-	-	1	10	56	2	13	-	7	1	1	-	-	-	-	-	-	-	
MAINTENANCE TRADES HELPERS -----	121	5.09	5.03	4.54- 5.34	†22	13	22	3	21	13	9	4	1	-	-	-	-	9	2	-	-	-	2	-	-	-	-	
MANUFACTURING -----	83	4.83	4.72	4.54- 5.15	13	12	22	2	16	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MACHINE-TOOL OPERATORS (TOOLROOM) -----	163	6.24	6.49	5.79- 6.68	12	-	-	-	-	4	4	22	7	9	14	42	18	2	29	-	-	-	-	-	-	-	-	
MANUFACTURING -----	163	6.24	6.49	5.79- 6.68	12	-	-	-	-	4	4	22	7	9	14	42	18	2	29	-	-	-	-	-	-	-	-	
TOOL AND DIE MAKERS -----	736	7.08	6.80	6.48- 7.68	-	-	-	-	-	60	-	9	3	16	139	141	9	53	34	60	120	10	2	12	1	67	-	
MANUFACTURING -----	736	7.08	6.80	6.48- 7.68	-	-	-	-	-	60	-	9	3	16	139	141	9	53	34	60	120	10	2	12	1	67	-	
STATIONARY ENGINEERS -----	266	7.09	6.79	6.07- 7.99	-	-	-	1	12	3	12	30	1	27	2	16	30	13	4	22	18	1	8	14	1	-	†51	
MANUFACTURING -----	189	7.17	6.80	6.07- 8.19	-	-	-	-	3	3	-	30	-	26	1	6	24	13	-	8	10	1	8	14	-	-	42	
NONMANUFACTURING -----	77	6.88	6.79	5.58- 7.32	-	-	-	1	9	-	12	-	1	1	1	10	6	-	4	14	8	-	-	1	-	9	-	
BOILER TENDERS -----	263	5.85	5.50	4.92- 6.93	8	-	38	48	22	9	8	14	2	12	19	9	4	4	24	-	31	8	3	-	-	-	-	
MANUFACTURING -----	234	5.85	5.39	4.92- 7.03	3	-	38	48	22	6	6	6	1	7	19	9	4	4	24	-	26	8	3	-	-	-	-	

* Workers were distributed as follows: 5 at \$ 8.80 to \$ 9; 9 at \$ 9.80 to \$ 10; and 1 at \$ 10.40 to \$ 10.60.

** Workers were distributed as follows: 29 at \$ 8.60 to \$ 8.80; 51 at \$ 8.80 to \$ 9; 8 at \$ 9 to \$ 9.20; and 22 at \$ 10.20 to \$ 10.40.

*** Workers were distributed as follows: 24 at \$ 8.60 to \$ 8.80; and 1 at \$ 9.60 to \$ 9.80.

† Workers were distributed as follows: 28 at \$ 8.60 to \$ 8.80; 40 at \$ 8.80 to \$ 9; 12 at \$ 9 to \$ 9.20; 20 at \$ 9.20 to \$ 9.40; 12 at \$ 9.80 to \$ 10; 13 at \$ 10 to \$ 10.20; and 10 at \$ 10.20 to \$ 10.40.

‡ Workers were distributed as follows: 3 at \$ 3.80 to \$ 4; 7 at \$ 4 to \$ 4.20; and 12 at \$ 4.20 to \$ 4.40.

§ Workers were distributed as follows: 5 at \$ 8.60 to \$ 8.80; 22 at \$ 8.80 to \$ 9; 1 at \$ 9 to \$ 9.20; 16 at \$ 9.20 to \$ 9.40; 1 at \$ 9.80 to \$ 10; and 6 at \$ 10.20 to \$ 10.40.

See footnotes at end of tables.

Table A-5. Hourly earnings of material movement and custodial workers in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²	\$ 2.20	\$ 2.40	\$ 2.60	\$ 2.80	\$ 3.00	\$ 3.20	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.40	\$ 5.80	\$ 6.20	\$ 6.60	\$ 7.00	\$ 7.40	\$ 7.80	\$ 8.20	
					and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.40	5.80	6.20	6.60	7.00	7.40	7.80	8.20	over	
ALL WORKERS		\$	\$	\$	\$																							
TRUCKDRIVERS -----	3,674	6.88	7.39	5.93- 8.13	-	1	12	-	24	32	59	44	37	41	54	183	38	23	165	178	136	257	408	164	511	410	*897	
MANUFACTURING -----	1,079	6.51	6.90	5.51- 7.71	-	-	-	-	-	8	19	2	-	23	20	31	23	16	62	143	75	42	281	44	21	172	97	
NONMANUFACTURING -----	2,595	7.04	7.48	6.25- 8.47	-	1	12	-	24	24	40	42	37	18	34	152	15	7	103	35	61	215	127	120	490	238	800	
PUBLIC UTILITIES -----	943	7.93	8.47	7.55- 8.47	-	-	-	-	-	-	-	-	-	-	-	1	-	-	11	3	45	11	3	5	365	-	499	
WHOLESALE TRADE -----	810	6.79	7.48	6.25- 8.47	-	-	-	-	24	24	40	24	28	-	15	-	-	-	3	14	14	147	50	5	125	3	294	
RETAIL TRADE -----	705	6.48	6.98	4.50- 8.00	-	1	12	-	-	6	48	5	5	-	13	144	2	-	79	5	1	12	74	110	-	235	7	
FINANCE -----	53	4.41	4.30	3.94- 4.72	-	-	-	-	-	-	-	10	4	9	4	6	9	3	4	4	-	-	-	-	-	-	-	
SERVICES -----	84	5.72	6.54	4.88- 6.54	-	-	-	-	-	-	-	3	-	9	2	1	4	4	6	9	1	45	-	-	-	-	-	
TRUCKDRIVERS, LIGHT TRUCK -----	283	4.92	4.17	3.50- 5.57	-	1	12	-	24	32	31	17	1	25	22	5	7	6	14	24	2	-	-	-	-	-	60	
MANUFACTURING -----	132	6.05	5.20	4.17- 8.39	-	-	-	-	-	8	19	2	-	11	17	3	1	-	7	4	-	-	-	-	-	-	60	
NONMANUFACTURING -----	151	3.94	3.71	3.30- 4.75	-	1	12	-	24	24	12	15	1	14	5	2	6	6	7	20	2	-	-	-	-	-	-	
TRUCKDRIVERS, MEDIUM TRUCK -----	1,458	6.23	6.37	5.37- 7.48	-	-	-	-	-	-	28	27	36	16	17	154	27	15	132	77	102	171	171	52	278	155	-	
MANUFACTURING -----	553	6.53	6.99	5.50- 7.83	-	-	-	-	-	-	-	-	-	12	3	5	18	14	47	73	44	35	108	28	11	155	-	
NONMANUFACTURING -----	905	6.04	6.36	4.50- 7.48	-	-	-	-	-	-	28	27	36	4	14	149	9	1	85	4	58	136	63	24	267	-	-	
WHOLESALE TRADE -----	318	6.27	6.36	6.20- 7.48	-	-	-	-	-	-	28	12	28	-	-	-	-	-	-	-	12	87	26	-	125	-	-	
RETAIL TRADE -----	307	5.18	4.50	4.50- 5.37	-	-	-	-	-	-	5	5	-	13	144	-	-	-	79	1	1	-	35	24	-	-	-	
TRUCKDRIVERS, HEAVY TRUCK (TRAILER) -----	1,164	7.89	8.47	7.19- 8.47	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	44	10	17	202	106	14	54	712	
MANUFACTURING -----	254	6.69	6.90	6.80- 6.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	9	7	173	16	10	-	-	
NONMANUFACTURING -----	910	8.22	8.47	8.47- 8.47	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	5	1	10	29	90	4	54	712	
WHOLESALE TRADE -----	320	8.28	8.50	8.47- 8.51	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	10	12	5	-	3	285	
TRUCKDRIVERS, HEAVY TRUCK (OTHER THAN TRAILER) -----	544	7.15	7.40	6.25- 7.70	-	-	-	-	-	-	-	-	-	-	10	13	4	2	8	32	22	69	35	5	219	-	125	
MANUFACTURING -----	112	6.47	6.15	5.67- 8.46	-	-	-	-	-	-	-	-	-	-	-	12	4	2	8	27	22	-	-	-	-	-	37	
NONMANUFACTURING -----	432	7.33	7.40	6.93- 7.70	-	-	-	-	-	-	-	-	-	-	10	1	-	-	-	5	-	69	35	5	219	-	88	
PUBLIC UTILITIES -----	304	7.69	7.48	7.40- 7.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	5	219	-	72	
WHOLESALE TRADE -----	86	6.28	6.25	6.25- 6.25	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	5	-	50	12	-	-	-	9	
SHIPPING CLERKS -----	520	4.99	4.82	4.23- 5.75	5	-	19	-	8	10	29	32	2	15	67	28	39	16	82	44	20	12	47	34	11	-	-	
MANUFACTURING -----	345	4.83	4.76	4.23- 5.15	-	-	-	-	8	9	8	27	2	14	62	27	28	16	80	11	14	11	17	-	11	-	-	
NONMANUFACTURING -----	175	5.30	5.50	3.52- 6.88	5	-	19	-	-	1	21	5	-	1	5	1	11	-	2	33	6	1	30	34	-	-	-	
WHOLESALE TRADE -----	65	5.99	5.75	5.50- 6.88	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	33	5	-	22	-	-	-	-	
RETAIL TRADE -----	100	4.94	4.25	3.46- 7.08	5	-	19	-	-	-	21	3	-	-	5	1	-	-	2	-	1	1	8	34	-	-	-	
RECEIVING CLERKS -----	556	5.28	5.24	3.95- 6.88	-	10	5	6	28	16	13	46	19	13	38	14	24	16	52	39	23	45	67	59	11	-	12	
MANUFACTURING -----	216	4.68	4.60	3.77- 5.40	-	-	-	-	21	9	-	43	3	1	26	5	6	14	32	29	6	10	-	-	11	-	-	
NONMANUFACTURING -----	340	5.66	6.23	4.25- 6.88	-	10	5	6	7	7	13	3	16	12	12	9	18	2	20	10	17	35	67	59	-	-	12	
RETAIL TRADE -----	255	5.66	6.50	4.25- 6.88	-	10	5	6	7	1	13	1	16	-	12	9	13	1	3	5	7	20	67	59	-	-	-	
SHIPPING AND RECEIVING CLERKS -----	479	5.10	5.25	4.50- 5.70	12	-	-	-	-	10	11	1	22	6	42	33	38	12	82	140	24	31	7	-	-	8	-	
MANUFACTURING -----	232	5.23	5.38	4.68- 5.60	-	-	-	-	-	-	9	-	8	6	-	31	11	11	43	77	11	18	7	-	-	-	-	
NONMANUFACTURING -----	247	4.98	5.19	4.23- 5.70	12	-	-	-	-	10	2	1	14	-	42	2	27	1	39	63	13	13	-	-	-	8	-	
WHOLESALE TRADE -----	157	5.22	5.25	4.25- 5.70	-	-	-	-	-	-	-	-	12	-	29	-	-	-	38	59	12	7	-	-	-	-	-	
WAREHOUSEMEN -----	1,684	5.24	5.25	4.20- 6.05	-	-	3	-	108	51	70	62	32	78	68	23	106	149	115	235	187	131	135	59	40	6	26	
MANUFACTURING -----	296	4.92	5.06	4.43- 5.47	-	-	-	-	-	-	12	21	11	20	10	3	25	45	18	112	19	-	-	-	-	-	-	
NONMANUFACTURING -----	1,388	5.31	5.28	4.20- 6.31	-	-	3	-	108	51	58	41	21	58	58	20	81	104	97	123	168	131	135	59	40	6	26	
PUBLIC UTILITIES -----	117	6.87	7.38	5.95- 7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	5	-	32	15	6	10	
WHOLESALE TRADE -----	968	5.03	4.97	3.85- 6.05	-	-	-	-	108	48	46	31	16	45	42	5	63	90	82	113	56	110	52	20	25	-	16	
RETAIL TRADE -----	286	5.65	5.96	4.64- 6.75	-	-	2	-	-	-	12	8	5	13	15	15	16	10	15	9	62	16	81	7	-	-	-	

* Workers were distributed as follows: 883 at \$8.20 to \$8.60; and 14 at \$9 to \$9.40.

See footnotes at end of tables.

Table A-5. Hourly earnings of material movement and custodial workers in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																									
		Mean ²	Median ²	Middle range ²	\$ 2.20 and under	\$ 2.40	\$ 2.60	\$ 2.80	\$ 3.00	\$ 3.20	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.40	\$ 5.80	\$ 6.20	\$ 6.60	\$ 7.00	\$ 7.40	\$ 7.80	\$ 8.20	\$ and over		
					2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.40	5.80	6.20	6.60	7.00	7.40	7.80	8.20	over			
ALL WORKERS-- CONTINUED																														
ORDER FILLERS -----	1,173	\$ 5.74	\$ 6.28	\$ 4.40- 7.03	1	2	26	1	52	24	21	58	38	43	25	31	12	50	136	16	46	27	103	383	78	-	-	-	-	
MANUFACTURING -----	265	5.01	4.82	3.70- 5.81	-	-	-	-	24	8	6	39	4	11	4	16	1	21	50	2	31	11	2	2	33	-	-	-	-	
NONMANUFACTURING -----	908	5.95	6.95	4.88- 7.03	1	2	26	1	28	16	15	19	34	32	21	15	11	29	86	14	15	16	101	381	45	-	-	-	-	
WHOLESALE TRADE -----	547	6.03	7.03	4.93- 7.13	-	-	12	-	24	12	12	12	20	18	-	3	-	27	67	7	2	-	26	260	45	-	-	-	-	
RETAIL TRADE -----	317	6.03	6.95	4.70- 7.01	1	2	4	1	-	2	2	7	14	14	15	12	11	2	18	-	-	16	75	121	-	-	-	-	-	
SHIPPING PACKERS -----	659	4.57	4.13	3.55- 5.26	-	-	33	16	35	32	73	32	73	60	29	23	9	31	67	26	2	4	80	23	11	-	-	-	-	
MANUFACTURING -----	514	4.76	4.37	3.58- 5.42	-	-	32	16	23	15	45	25	35	45	27	20	6	17	64	24	2	4	80	23	11	-	-	-	-	
NONMANUFACTURING -----	145	3.89	3.93	3.40- 4.08	-	-	1	-	12	17	28	7	38	15	2	3	3	14	3	2	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	91	3.88	3.98	3.38- 4.08	-	-	-	-	12	12	12	-	29	12	-	-	-	12	-	2	-	-	-	-	-	-	-	-	-	
MATERIAL HANDLING LABORERS -----	2,111	4.94	4.61	4.09- 5.74	-	10	9	32	97	69	62	53	55	335	138	44	303	186	67	131	62	49	59	328	-	22	-	-	-	
MANUFACTURING -----	1,421	4.47	4.23	4.09- 4.81	-	8	-	23	84	60	51	42	43	315	110	30	297	185	46	21	-	-	24	60	-	22	-	-	-	
NONMANUFACTURING -----	690	5.92	6.25	5.40- 7.03	-	2	9	9	13	9	11	11	12	20	28	14	6	1	21	110	62	49	35	268	-	-	-	-	-	
WHOLESALE TRADE -----	324	6.52	7.03	5.70- 7.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	108	-	36	-	180	-	-	-	-	-	
RETAIL TRADE -----	330	5.27	5.86	4.05- 7.00	-	2	9	9	12	8	11	11	12	20	28	14	6	1	21	-	62	6	10	88	-	-	-	-	-	
FORKLIFT OPERATORS -----	1,498	5.89	5.42	4.42- 7.15	-	-	-	-	-	11	30	45	47	24	108	162	55	46	186	81	148	7	47	220	1	-	*280	-	-	
MANUFACTURING -----	926	4.92	4.80	4.25- 5.42	-	-	-	-	-	11	30	45	47	21	96	162	50	42	150	77	134	1	4	55	1	-	-	-	-	
NONMANUFACTURING -----	572	7.46	7.19	7.00- 8.47	-	-	-	-	-	-	-	-	-	3	12	-	5	4	36	4	14	6	43	165	-	-	280	-	-	
WHOLESALE TRADE -----	109	6.03	6.13	5.16- 6.90	-	-	-	-	-	-	-	-	-	2	12	-	4	2	18	4	14	2	26	25	-	-	-	-	-	
RETAIL TRADE -----	181	6.80	7.03	7.00- 7.06	-	-	-	-	-	-	-	-	-	-	-	-	1	2	18	-	-	3	17	140	-	-	-	-	-	
GUARDS AND WATCHMEN -----	10,768	3.09	2.75	2.60- 3.00	692	1505	3732	124	2307	220	116	61	63	234	822	79	289	69	118	155	111	46	3	22	-	-	-	-	-	
MANUFACTURING -----	773	4.82	4.76	4.14- 5.36	-	-	-	3	16	3	31	36	41	68	18	19	251	26	75	97	57	10	-	22	-	-	-	-	-	
NONMANUFACTURING -----	9,995	2.96	2.65	2.60- 3.00	692	1505	3732	121	2291	217	85	25	22	166	804	60	38	43	43	58	54	36	3	-	-	-	-	-	-	
PUBLIC UTILITIES -----	44	5.97	6.21	5.45- 6.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3	23	-	-	-	-	-	-	-	
RETAIL TRADE -----	65	5.28	5.94	4.35- 5.94	-	-	2	1	1	2	-	1	2	6	2	-	-	-	6	6	34	1	1	-	-	-	-	-	-	
FINANCE -----	293	4.61	4.50	4.14- 4.90	-	-	-	-	10	2	1	5	20	62	15	48	35	32	28	4	17	12	2	-	-	-	-	-	-	
SERVICES -----	9,593	2.88	2.65	2.60- 3.00	692	1505	3730	120	2280	213	84	19	-	98	787	12	3	11	9	30	-	-	-	-	-	-	-	-	-	
GUARDS: -----																														
MANUFACTURING -----	466	5.11	4.76	4.76- 5.46	-	-	-	-	-	-	8	-	17	4	6	12	232	22	19	57	57	10	-	22	-	-	-	-	-	
WATCHMEN: -----																														
MANUFACTURING -----	307	4.39	4.07	3.75- 5.23	-	-	-	3	16	3	23	36	24	64	12	7	19	4	56	40	-	-	-	-	-	-	-	-	-	
JANITORS, PORTERS, AND CLEANERS -----	7,143	3.62	3.05	3.05- 4.04	54	276	299	366	2837	802	267	209	192	119	250	285	144	110	430	25	210	27	225	16	-	-	-	-	-	
MANUFACTURING -----	1,663	4.66	4.55	3.90- 5.10	-	-	2	3	50	81	165	90	72	52	202	266	62	96	175	15	147	24	146	15	-	-	-	-	-	
NONMANUFACTURING -----	5,480	3.31	3.05	3.05- 3.30	54	276	297	363	2787	721	102	119	120	67	48	19	82	14	255	10	63	3	79	1	-	-	-	-	-	
RETAIL TRADE -----	373	4.08	3.75	3.25- 4.35	24	2	7	-	22	82	15	47	36	19	32	3	13	11	3	-	-	3	54	-	-	-	-	-	-	
FINANCE -----	270	4.03	3.93	3.73- 4.40	-	-	1	2	7	12	18	49	67	36	9	12	46	-	10	-	-	-	-	1	-	-	-	-	-	
SERVICES -----	4,441	3.03	3.05	3.03- 3.05	30	262	289	361	2758	610	69	23	5	10	7	4	11	-	1	-	1	-	-	-	-	-	-	-	-	

* Workers were at \$8.20 to \$8.60.

See footnotes at end of tables.

Table A-6. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex, in Boston, Mass., August 1977

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴
MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MEN			MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		
MAINTENANCE CARPENTERS -----	336	6.68	TRUCKDRIVERS -----	3,628	6.86	ORDER FILLERS -----	1,021	6.01
MANUFACTURING -----	178	6.67	MANUFACTURING -----	1,079	6.51	MANUFACTURING -----	236	5.19
NONMANUFACTURING -----	158	6.69	NONMANUFACTURING -----	2,549	7.01	NONMANUFACTURING -----	785	6.25
RETAIL TRADE -----	52	7.09	PUBLIC UTILITIES -----	943	7.93	WHOLESALE TRADE -----	494	6.20
FINANCE -----	58	6.79	WHOLESALE TRADE -----	764	6.69			
			RETAIL TRADE -----	705	6.48	SHIPPING PACKERS -----	459	4.82
MAINTENANCE ELECTRICIANS -----	961	7.06	FINANCE -----	53	4.41	MANUFACTURING -----	343	5.17
MANUFACTURING -----	754	6.91	SERVICES -----	84	5.72	NONMANUFACTURING -----	116	3.81
NONMANUFACTURING -----	207	7.62				WHOLESALE TRADE -----	79	3.72
FINANCE -----	50	7.22	TRUCKDRIVERS, LIGHT TRUCK -----	283	4.92			
			MANUFACTURING -----	132	6.05	MATERIAL HANDLING LABORERS -----	1,877	5.01
MAINTENANCE PAINTERS -----	194	6.45	NONMANUFACTURING -----	151	3.94	MANUFACTURING -----	1,204	4.48
MANUFACTURING -----	95	6.58				NONMANUFACTURING -----	673	5.96
NONMANUFACTURING -----	99	6.34	TRUCKDRIVERS, MEDIUM TRUCK -----	1,458	6.23	WHOLESALE TRADE -----	324	6.52
			MANUFACTURING -----	553	6.53	RETAIL TRADE -----	313	5.33
MAINTENANCE MACHINISTS -----	851	6.68	NONMANUFACTURING -----	905	6.04			
MANUFACTURING -----	834	6.67	WHOLESALE TRADE -----	318	6.27	FORKLIFT OPERATORS -----	1,483	5.91
			RETAIL TRADE -----	307	5.18	MANUFACTURING -----	911	4.93
MAINTENANCE MECHANICS (MACHINERY) -	2,036	6.56	TRUCKDRIVERS, HEAVY TRUCK			NONMANUFACTURING -----	572	7.46
MANUFACTURING -----	1,756	6.49	(TRAILER) -----	1,118	7.86	WHOLESALE TRADE -----	109	6.03
NONMANUFACTURING -----	280	7.06	MANUFACTURING -----	254	6.69	RETAIL TRADE -----	181	6.80
RETAIL TRADE -----	129	6.92	NONMANUFACTURING -----	864	8.21			
			WHOLESALE TRADE -----	274	8.24	GUARDS AND WATCHMEN -----	9,007	3.16
MAINTENANCE MECHANICS						MANUFACTURING -----	759	4.82
(MOTOR VEHICLES) -----	629	7.61	TRUCKDRIVERS, HEAVY TRUCK			NONMANUFACTURING -----	8,248	3.01
MANUFACTURING -----	146	6.93	(OTHER THAN TRAILER) -----	544	7.15	PUBLIC UTILITIES -----	41	5.97
NONMANUFACTURING -----	483	7.82	MANUFACTURING -----	112	6.47	RETAIL TRADE -----	64	5.27
PUBLIC UTILITIES -----	284	8.28	NONMANUFACTURING -----	432	7.33	FINANCE -----	287	4.61
RETAIL TRADE -----	167	7.10	PUBLIC UTILITIES -----	304	7.69	SERVICES -----	7,856	2.92
			WHOLESALE TRADE -----	86	6.28			
MAINTENANCE PIPEFITTERS -----	325	7.09				GUARDS: -----		
MANUFACTURING -----	308	7.10	SHIPPING CLERKS -----	472	5.14	MANUFACTURING -----	454	5.10
			MANUFACTURING -----	325	4.88			
MAINTENANCE SHEET-METAL WORKERS ---	108	6.79	NONMANUFACTURING -----	147	5.71	WATCHMEN: -----		
MANUFACTURING -----	88	6.82	WHOLESALE TRADE -----	65	5.99	MANUFACTURING -----	305	4.39
			RETAIL TRADE -----	72	5.64			
MILLWRIGHTS -----	134	6.02	RECEIVING CLERKS -----	545	5.28	JANITORS, PORTERS, AND CLEANERS ---	4,990	3.79
MANUFACTURING -----	127	6.01	MANUFACTURING -----	213	4.68	MANUFACTURING -----	1,550	4.67
			NONMANUFACTURING -----	332	5.67	NONMANUFACTURING -----	3,440	3.40
MAINTENANCE TRADES HELPERS -----	119	5.11	RETAIL TRADE -----	252	5.66	PUBLIC UTILITIES -----	274	5.46
MANUFACTURING -----	82	4.84				RETAIL TRADE -----	330	4.15
			SHIPPING AND RECEIVING CLERKS -----	477	5.11	FINANCE -----	193	4.09
MACHINE-TOOL OPERATORS (TOOLROOM) -	163	6.24	MANUFACTURING -----	231	5.23			
MANUFACTURING -----	163	6.24	NONMANUFACTURING -----	246	4.99	MATERIAL MOVEMENT AND CUSTODIAL		
			WHOLESALE TRADE -----	157	5.22	OCCUPATIONS - WOMEN		
TOOL AND DIE MAKERS -----	736	7.08				ORDER FILLERS -----	152	3.95
MANUFACTURING -----	736	7.08	WAREHOUSEMEN -----	1,487	5.30	NONMANUFACTURING -----	123	4.05
			MANUFACTURING -----	293	4.93			
STATIONARY ENGINEERS -----	266	7.09	NONMANUFACTURING -----	1,194	5.39	SHIPPING PACKERS -----	200	3.99
MANUFACTURING -----	189	7.17	PUBLIC UTILITIES -----	105	6.98	MANUFACTURING -----	171	3.96
NONMANUFACTURING -----	77	6.88	WHOLESALE TRADE -----	806	5.07			
			RETAIL TRADE -----	271	5.72	JANITORS, PORTERS, AND CLEANERS:		
BOILER TENDERS -----	263	5.85				MANUFACTURING -----	98	4.44
MANUFACTURING -----	234	5.85				NONMANUFACTURING:		
						FINANCE -----	77	3.88

See footnotes at end of tables.

Table A-7. Percent increases in average hourly earnings, adjusted for employment shifts, for selected occupational groups in Boston, Mass., for selected periods

Industry and occupational group ⁵	August 1972 to August 1973	August 1973 to August 1974	August 1974 to August 1975	August 1975 to August 1976	August 1976 to August 1977
All industries:					
Office clerical	5.5	7.6	8.1	6.9	6.4
Electronic data processing	(⁶)	6.5	6.3	6.1	5.8
Industrial nurses	6.2	7.5	9.2	7.4	5.9
Skilled maintenance trades	6.6	8.5	7.9	8.6	7.3
Unskilled plant workers	6.1	9.1	8.2	8.0	6.5
Manufacturing:					
Office clerical	5.9	7.2	7.7	8.2	7.1
Electronic data processing	(⁶)	7.4	7.7	6.9	5.9
Industrial nurses	6.8	8.1	9.9	7.8	6.3
Skilled maintenance trades	6.4	8.1	7.6	9.1	6.6
Unskilled plant workers	6.3	9.1	8.4	8.5	7.4
Nonmanufacturing:					
Office clerical	5.2	7.8	8.3	6.3	6.1
Electronic data processing	(⁶)	6.1	5.5	5.8	5.8
Industrial nurses	5.1	6.4	7.8	6.7	(⁶)
Unskilled plant workers	5.4	9.1	8.2	7.7	6.0

See footnotes at end of tables.

Table A-8. Weekly earnings of office workers—large establishments in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																									
			Mean ²	Median ²	Middle range ²	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260	\$ 270	\$ 280	\$ 290					
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	and over
ALL WORKERS						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over					
SECRETARIES -----	7,057	38.5	\$ 205.50	\$ 203.00	\$ 175.00-228.00	-	3	12	92	169	276	388	494	579	639	612	643	763	738	324	278	319	202	163	145	218					
MANUFACTURING -----	3,480	39.0	213.00	212.50	185.00-234.00	-	-	4	12	24	69	135	190	267	290	276	334	491	448	183	123	225	89	102	106	112					
NONMANUFACTURING -----	3,577	38.0	198.00	193.00	166.00-223.50	-	3	8	80	145	207	253	304	312	349	336	309	272	290	141	155	94	113	61	39	106					
RETAIL TRADE -----	403	37.5	180.00	175.00	154.00-200.00	-	-	-	12	33	37	36	50	58	41	34	24	21	23	9	4	6	5	1	2	7					
FINANCE -----	1,719	37.0	181.00	177.00	155.00-203.50	-	3	8	68	109	152	193	193	175	174	173	131	93	78	47	47	28	25	5	4	13					
SERVICES -----	1,076	40.0	209.50	206.50	188.50-229.50	-	-	-	-	3	18	24	60	78	130	127	145	139	103	57	74	38	24	32	7	17					
SECRETARIES, CLASS A -----	335	38.0	252.00	250.00	217.00-285.00	-	-	-	-	-	-	-	6	14	11	13	28	15	19	23	29	29	26	13	42	*67					
MANUFACTURING -----	113	39.0	283.00	281.50	267.50-303.00	-	-	-	-	-	-	-	-	-	-	-	2	-	-	6	5	12	7	6	36	39					
NONMANUFACTURING -----	222	38.0	236.50	233.00	205.00-262.50	-	-	-	-	-	-	-	6	14	11	13	26	15	19	17	24	17	19	7	6	28					
FINANCE -----	153	37.5	229.50	230.00	205.00-250.00	-	-	-	-	-	-	-	3	9	10	9	20	11	15	15	20	9	17	4	2	9					
SECRETARIES, CLASS B -----	1,352	38.5	235.50	233.50	211.00-256.00	-	-	-	-	-	4	17	13	32	47	82	116	144	172	122	113	241	65	48	25	111					
MANUFACTURING -----	753	39.0	238.00	241.00	213.50-256.00	-	-	-	-	-	-	6	3	16	19	38	68	70	75	77	56	206	38	10	10	61					
NONMANUFACTURING -----	599	38.0	232.00	226.00	208.00-253.50	-	-	-	-	-	4	11	10	16	28	44	48	74	97	45	57	35	27	38	15	50					
PUBLIC UTILITIES -----	71	38.5	287.50	281.00	277.00-301.00	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	8	1	2	17	11	**29				
RETAIL TRADE -----	85	37.5	201.50	195.00	175.00-225.00	-	-	-	-	-	4	3	6	11	14	6	7	6	16	2	1	2	3	-	1	3					
FINANCE -----	255	37.0	219.00	218.50	200.50-234.00	-	-	-	-	-	8	4	5	10	34	30	44	42	27	22	16	6	1	2	4						
SERVICES -----	164	40.0	236.50	231.00	220.00-251.00	-	-	-	-	-	-	-	-	-	4	3	10	24	38	16	25	12	13	16	-	3					
SECRETARIES, CLASS C -----	2,597	38.5	204.50	202.00	178.00-227.00	-	1	5	9	37	81	129	188	234	256	278	249	234	408	100	93	39	102	60	71	23					
MANUFACTURING -----	1,367	39.0	212.50	214.00	189.00-227.50	-	-	1	-	1	16	46	74	99	109	131	138	150	338	56	42	6	44	52	56	8					
NONMANUFACTURING -----	1,230	38.0	196.00	190.00	169.00-218.00	-	1	4	9	36	65	83	114	135	147	147	111	84	70	44	51	33	58	8	15	15					
PUBLIC UTILITIES -----	134	38.5	261.00	262.50	249.00-269.00	-	-	-	-	-	-	-	-	-	-	-	-	7	5	15	17	15	53	2	11	9					
RETAIL TRADE -----	147	37.5	172.50	170.50	150.00-190.00	-	-	-	8	11	17	10	20	25	16	16	7	9	2	2	-	3	1	-	-	-					
FINANCE -----	681	37.0	180.00	180.50	161.50-196.00	-	1	4	1	23	48	70	90	94	112	101	69	32	21	5	5	3	2	-	-	-					
SERVICES -----	247	39.5	217.00	214.00	193.00-234.00	-	-	-	-	2	-	3	4	16	19	30	32	33	35	19	25	11	2	6	4	6					
SECRETARIES, CLASS D -----	2,751	38.5	185.50	184.50	160.00-211.00	-	2	7	83	130	189	242	287	295	324	237	246	368	137	76	43	10	9	42	7	17					
MANUFACTURING -----	1,247	39.0	192.00	191.50	170.50-212.50	-	-	3	12	23	53	83	113	152	162	107	126	271	35	44	20	1	-	34	4	4					
NONMANUFACTURING -----	1,504	38.0	180.00	177.00	154.00-202.50	-	2	4	71	107	136	159	174	143	162	130	120	97	102	32	23	9	9	8	3	13					
RETAIL TRADE -----	110	36.5	156.50	156.00	144.50-169.50	-	-	-	4	20	14	23	21	13	9	6	-	-	-	-	-	-	-	-	-	-					
FINANCE -----	630	37.0	155.50	154.50	139.50-169.50	-	2	4	67	86	104	115	96	67	42	29	12	6	-	-	-	-	-	-	-	-					
STENOGRAPHERS -----	666	39.0	188.00	186.00	165.00-203.00	-	-	1	3	9	40	67	94	82	61	37	152	55	6	19	1	7	4	17	9	2					
MANUFACTURING -----	317	40.0	188.50	199.00	165.00-203.00	-	-	-	3	2	9	27	60	28	18	12	135	6	3	-	-	3	-	4	6	1					
NONMANUFACTURING -----	349	38.5	188.00	181.00	163.00-211.50	-	-	1	-	7	31	40	34	54	43	25	17	49	3	19	1	4	4	13	3	1					
PUBLIC UTILITIES -----	117	38.5	223.00	211.50	211.50-238.00	-	-	-	-	1	2	1	4	5	5	9	43	1	19	1	4	4	13	3	1						
SERVICES -----	175	39.0	172.50	174.50	156.50-187.00	-	-	-	-	2	19	27	22	40	36	17	7	4	1	-	-	-	-	-	-	-					
STENOGRAPHERS, GENERAL -----	356	39.0	193.50	203.00	170.00-203.00	-	-	-	3	9	18	25	30	35	9	16	129	44	2	19	-	4	2	5	4	2					
NONMANUFACTURING -----	158	38.0	195.50	201.00	167.00-211.50	-	-	-	-	7	11	12	11	16	9	8	10	44	2	19	-	3	2	1	2	1					
STENOGRAPHERS, SENIOR -----	310	39.0	182.00	174.50	161.00-192.00	-	-	1	-	-	22	42	64	47	52	21	23	11	4	-	1	3	2	12	5	-					
NONMANUFACTURING -----	191	38.5	181.50	174.50	158.50-189.50	-	-	1	-	-	20	28	23	38	34	17	7	5	1	-	1	1	2	12	1	-					
TRANSCRIBING-MACHINE TYPISTS -----	88	37.0	154.50	158.50	138.50-171.00	-	-	3	6	14	13	18	11	14	7	2	-	-	-	-	-	-	-	-	-	-					
NONMANUFACTURING -----	88	37.0	154.50	158.50	138.50-171.00	-	-	3	6	14	13	18	11	14	7	2	-	-	-	-	-	-	-	-	-	-					
FINANCE -----	79	37.0	152.50	157.00	138.00-166.50	-	-	3	6	13	13	17	11	12	3	1	-	-	-	-	-	-	-	-	-	-					
TYPISTS -----	1,000	38.0	154.00	147.00	129.00-175.00	5	33	90	134	105	159	109	86	54	61	52	46	44	2	13	1	2	-	2	2	-					
MANUFACTURING -----	277	39.5	153.50	147.00	139.00-164.00	-	-	5	32	36	79	37	28	20	2	34	1	3	-	-	-	-	-	-	-	-					
NONMANUFACTURING -----	723	38.0	154.00	147.50	125.00-180.00	5	33	85	102	69	80	72	58	34	59	18	45	41	2	13	1	2	-	2	2	-					
FINANCE -----	434	37.0	135.00	130.00	119.00-149.50	5	32	80	96	59	58	43	32	15	5	3	4	2	-	-	-	-	-	-	-	-					
SERVICES -----	178	39.5	175.00	180.00	155.00-189.00	-	-	-	3	8	15	25	21	15	47	9	28	2	2	1	1	-	-	1	-	-					

* Workers were distributed as follows: 14 at \$290 to \$300; 25 at \$300 to \$310; 6 at \$310 to \$320; 5 at \$320 to \$330; 6 at \$330 to \$340; 5 at \$340 to \$350; 4 at \$350 to \$360; 1 at \$370 to \$380; and 1 at \$380 to \$390.

** Workers were distributed as follows: 11 at \$290 to \$300; 3 at \$300 to \$310; 2 at \$310 to \$320; 3 at \$330 to \$340; 8 at \$340 to \$

Table A-8. Weekly earnings of office workers—large establishments in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 90 and under 100	\$ 100-110	\$ 110-120	\$ 120-130	\$ 130-140	\$ 140-150	\$ 150-160	\$ 160-170	\$ 170-180	\$ 180-190	\$ 190-200	\$ 200-210	\$ 210-220	\$ 220-230	\$ 230-240	\$ 240-250	\$ 250-260	\$ 260-270	\$ 270-280	\$ 280-290	\$ 290 and over			
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over			
ALL WORKERS-- CONTINUED																													
TYPISTS - CONTINUED																													
TYPISTS, CLASS A -----	511	38.5	\$ 166.00	\$ 161.00	\$ 144.50-186.00	-	-	10	33	39	93	73	60	35	55	42	34	18	2	12	-	2	-	1	2	-	-		
MANUFACTURING -----	172	39.5	159.50	153.00	144.50-170.00	-	-	-	3	15	54	34	22	14	1	28	1	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	339	38.5	169.50	165.00	144.50-188.50	-	-	10	30	24	39	39	38	21	54	14	33	18	2	12	-	2	-	1	2	-	-		
PUBLIC UTILITIES -----	44	38.5	220.00	219.50	211.00-233.50	-	-	-	-	-	2	-	-	-	1	3	5	16	-	12	-	2	-	1	2	-	-		
FINANCE -----	129	37.0	144.50	142.50	129.50-153.50	-	-	8	25	23	27	20	18	6	1	1	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	153	39.5	177.00	180.00	162.00-190.00	-	-	-	3	1	9	19	20	15	47	7	28	2	2	-	-	-	-	-	-	-	-		
TYPISTS, CLASS B -----	489	37.5	141.00	131.50	121.00-155.00	5	33	80	101	66	66	36	26	19	6	10	12	26	-	1	1	-	-	1	-	-	-		
MANUFACTURING -----	105	39.0	144.50	138.00	127.00-148.50	-	-	5	29	21	25	3	6	6	1	6	-	3	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	384	37.0	140.50	130.00	118.00-155.50	5	33	75	72	45	41	33	20	13	5	4	12	23	-	1	1	-	-	1	-	-	-		
FINANCE -----	305	37.0	131.50	124.00	117.00-143.00	5	32	72	71	36	31	23	14	9	4	2	4	2	-	-	-	-	-	-	-	-	-		
FILE CLERKS -----	1,074	37.5	132.50	127.00	110.50-149.00	49	173	196	145	130	118	105	55	27	19	25	24	4	2	-	1	-	-	-	1	-	-		
MANUFACTURING -----	144	37.0	142.50	135.00	132.00-149.00	-	-	11	23	42	34	8	15	1	1	9	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	930	37.5	131.00	122.50	110.00-148.50	49	173	185	122	88	84	97	40	26	18	16	24	4	2	-	1	-	-	-	1	-	-		
PUBLIC UTILITIES -----	79	39.0	175.00	165.00	157.50-203.00	-	-	-	-	-	7	26	9	8	1	7	20	-	-	-	-	-	-	-	1	-	-		
FINANCE -----	674	37.0	119.50	116.00	107.50-130.00	49	172	183	101	79	40	25	13	7	2	3	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS A -----	269	37.0	143.50	139.00	124.00-155.00	1	5	38	34	58	44	33	28	7	4	6	3	4	2	-	1	-	-	-	1	-	-		
NONMANUFACTURING -----	181	37.5	144.50	138.50	122.50-157.50	1	5	31	26	30	22	25	13	7	4	6	3	4	2	-	1	-	-	-	1	-	-		
FINANCE -----	146	37.0	135.50	134.00	119.50-147.00	1	5	31	26	30	20	18	7	3	2	3	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS B -----	396	37.5	124.00	118.00	108.00-131.50	-	131	93	62	36	22	13	8	8	11	11	1	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	382	37.5	121.50	115.50	108.00-131.00	-	131	92	62	35	21	13	8	7	10	2	1	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	349	37.0	118.00	113.00	107.00-125.00	-	130	90	60	35	17	7	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS C -----	409	38.0	134.00	132.00	112.50-151.00	48	37	65	49	36	52	59	19	12	4	8	20	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	367	38.0	134.00	130.00	111.00-155.00	48	37	62	34	23	41	59	19	12	4	8	20	-	-	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES -----	78	39.0	173.50	165.00	157.50-202.00	-	-	-	-	-	7	26	9	8	1	7	20	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	179	37.0	110.00	110.00	98.50-117.00	48	37	62	15	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MESSENGERS -----	432	38.0	132.50	126.00	115.00-137.50	2	48	110	100	68	26	14	3	31	2	13	14	1	-	-	-	-	-	-	-	-	-		
MANUFACTURING -----	134	38.5	153.00	144.00	125.00-176.00	-	-	28	18	19	5	5	2	29	1	13	13	1	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	298	38.0	123.00	122.00	112.00-132.00	2	48	82	82	49	21	9	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	204	37.5	121.50	118.50	111.00-128.50	-	41	67	48	22	18	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
SWITCHBOARD OPERATORS -----	407	39.0	169.50	164.00	148.00-185.50	1	1	4	11	49	42	67	53	59	39	28	10	7	6	8	9	6	-	6	1	-	-		
MANUFACTURING -----	162	39.5	180.50	173.00	159.50-193.50	1	-	-	3	2	13	24	23	24	23	18	10	3	5	2	1	3	-	6	1	-	-		
NONMANUFACTURING -----	245	38.5	162.50	156.50	140.00-176.50	-	1	4	8	47	29	43	30	35	16	10	-	4	1	6	8	3	-	-	-	-	-		
PUBLIC UTILITIES -----	30	40.0	209.50	214.00	176.50-240.00	-	-	-	-	-	-	-	14	-	1	-	-	-	6	6	3	-	-	-	-	-	-		
FINANCE -----	84	37.0	151.50	149.50	139.00-168.00	-	1	4	6	16	15	15	7	14	1	5	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	91	39.5	158.00	154.50	135.50-166.50	-	-	-	-	24	9	23	13	4	13	2	-	1	-	-	2	-	-	-	-	-	-		
SWITCHBOARD OPERATOR-RECEPTIONISTS-----	81	38.5	160.50	158.00	137.00-184.00	-	4	4	5	11	8	9	9	7	9	3	6	3	2	1	-	-	-	-	-	-	-		
MANUFACTURING -----	50	39.0	169.00	165.00	145.00-189.00	-	-	-	-	9	7	3	7	6	7	1	6	3	-	1	-	-	-	-	-	-	-		
ORDER CLERKS -----	156	37.5	149.50	145.50	127.00-160.50	-	-	9	37	13	26	31	4	14	10	2	4	-	3	3	-	-	-	-	-	-	-		
MANUFACTURING -----	146	37.5	149.50	145.00	125.50-166.00	-	-	9	35	13	24	25	4	14	10	2	4	-	3	3	-	-	-	-	-	-	-		
ACCOUNTING CLERKS -----	2,672	38.0	182.50	179.00	145.00-216.50	17	41	141	146	188	248	169	190	209	129	126	138	527	35	100	56	35	64	37	57	19	19		
MANUFACTURING -----	720	39.0	186.50	180.00	155.00-213.00	-	3	10	6	33	84	70	65	91	49	54	45	51	25	44	45	8	18	7	8	4	4		
NONMANUFACTURING -----	1,952	38.0	181.00	178.50	140.00-219.50	17	38	131	140	155	164	99	125	118	80	72	93	476	10	56	11	27	46	30	49	15			
RETAIL TRADE -----	489	37.0	139.50	133.00	118.00-156.00	14	24	96	73	77	62	32	26	38	19	9	6	4	1	5	2	1	-	-	-	-	-		
FINANCE -----	495	37.0	151.00	147.00	130.00-169.50	3	14	35	65	69	79	44	64	44	35	21	13	5	1	3	-	-	-	-	-	-	-		
SERVICES -----	224	39.5	184.50	176.00	160.00-205.50	-	-	-	2	9	23	23	35	32	22	10	17	20	2	10	5	2	3	-	9	-	-		

See footnotes at end of tables.

Table A-8. Weekly earnings of office workers—large establishments in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
						90 and under 100	100 110	110 120	120 130	130 140	140 150	150 160	160 170	170 180	180 190	190 200	200 210	210 220	220 230	230 240	240 250	250 260	260 270	270 280	280 290	290 over			
ALL WORKERS-- CONTINUED																													
ACCOUNTING CLERKS - CONTINUED																													
ACCOUNTING CLERKS, CLASS A -----	1,352	38.0	\$202.00	\$209.50	\$168.50-219.50	-	5	15	34	39	78	79	97	121	72	72	65	354	19	45	50	34	60	37	57	19			
MANUFACTURING -----	367	39.5	202.00	196.00	171.00-235.00	-	-	-	-	-	15	38	35	49	22	33	28	23	12	27	40	8	18	7	8	4			
NONMANUFACTURING -----	985	38.0	202.00	215.00	167.50-219.50	-	5	15	34	39	63	41	62	72	50	39	37	331	7	18	10	26	42	30	49	15			
RETAIL TRADE -----	156	37.0	158.50	151.50	135.00-177.00	-	3	11	14	20	24	15	16	21	9	4	6	4	1	5	2	1	-	-	-	-			
FINANCE -----	250	36.5	164.00	165.50	145.00-182.50	-	2	4	20	19	37	23	40	35	29	20	12	5	1	3	-	-	-	-	-	-			
SERVICES -----	117	39.5	207.50	203.50	182.00-225.00	-	-	-	-	-	2	3	6	16	12	10	17	20	2	10	5	2	3	-	9	-			
ACCOUNTING CLERKS, CLASS B -----	1,320	38.0	162.50	153.50	131.00-199.00	17	36	126	112	149	170	90	93	88	57	54	73	173	16	55	6	1	4	-	-	-			
MANUFACTURING -----	353	38.5	170.50	165.00	140.00-193.50	-	3	10	6	33	69	32	30	42	27	21	17	28	13	17	5	-	-	-	-	-			
NONMANUFACTURING -----	967	37.5	159.50	149.00	125.00-201.00	17	33	116	106	116	101	58	63	46	30	33	56	145	3	38	1	1	4	-	-	-			
RETAIL TRADE -----	333	37.0	130.50	125.00	115.00-142.00	14	21	85	59	57	38	17	10	17	10	5	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	245	37.0	137.50	137.00	123.00-150.00	3	12	31	45	50	42	21	24	9	6	1	1	-	-	-	-	-	-	-	-	-			
SERVICES -----	107	39.5	159.00	160.00	146.00-169.50	-	-	-	2	9	21	20	29	16	10	-	-	-	-	-	-	-	-	-	-	-			
PAYROLL CLERKS -----	221	38.5	174.00	168.00	148.00-195.00	2	3	3	6	26	25	17	33	19	22	14	6	12	18	7	1	1	1	-	4	1			
MANUFACTURING -----	109	38.5	182.50	184.00	148.00-213.00	-	-	1	1	11	16	3	13	5	14	5	4	12	16	6	-	-	1	-	-	1			
NONMANUFACTURING -----	112	38.0	165.00	161.50	144.00-178.00	2	3	2	5	15	9	14	20	14	8	9	2	-	2	1	1	1	-	-	4	-			
RETAIL TRADE -----	57	38.0	150.50	150.00	130.00-169.00	2	2	-	4	14	6	7	8	5	6	3	-	-	-	-	-	-	-	-	-	-			
KEYPUNCH OPERATORS -----	1,120	38.0	169.00	165.00	145.50-188.00	-	3	31	57	108	144	122	165	127	93	58	86	69	11	13	-	9	2	18	-	4			
MANUFACTURING -----	428	39.0	176.50	172.00	160.00-193.50	-	-	-	10	21	42	34	83	60	51	40	58	11	7	1	-	4	2	-	-	4			
NONMANUFACTURING -----	692	37.5	165.00	159.00	140.00-180.00	-	3	31	47	87	102	88	82	67	42	18	28	58	4	12	-	5	-	18	-	-			
PUBLIC UTILITIES -----	127	39.0	221.50	211.50	209.50-236.00	-	-	-	-	-	-	-	1	-	7	4	20	57	3	12	-	5	-	18	-	-			
RETAIL TRADE -----	175	37.5	150.50	148.00	133.00-168.50	-	1	10	15	37	27	14	30	22	17	2	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	333	37.0	149.00	149.00	136.50-160.50	-	2	21	32	50	74	69	33	34	8	6	3	-	1	-	-	-	-	-	-	-			
SERVICES -----	57	39.5	176.00	174.50	165.00-180.00	-	-	-	-	-	1	5	18	11	10	6	5	1	-	-	-	-	-	-	-	-			
KEYPUNCH OPERATORS, CLASS A -----	752	38.5	178.00	171.00	157.50-196.50	-	-	1	12	30	83	86	137	104	73	45	76	64	6	2	-	9	2	18	-	4			
MANUFACTURING -----	364	39.0	180.00	176.50	161.00-196.50	-	-	-	4	7	28	28	79	57	45	31	58	11	5	1	-	4	2	-	-	4			
NONMANUFACTURING -----	388	37.5	176.00	168.00	152.50-198.50	-	-	1	8	23	55	58	58	47	28	14	18	53	1	1	-	5	-	18	-	-			
RETAIL TRADE -----	52	38.5	167.00	167.50	159.50-180.00	-	-	-	-	2	3	8	16	9	12	2	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	210	37.0	157.00	155.00	145.00-169.50	-	-	1	8	21	51	47	32	32	8	6	3	-	1	-	-	-	-	-	-	-			
KEYPUNCH OPERATORS, CLASS B -----	368	38.0	151.50	143.50	130.00-168.00	-	3	30	45	78	61	36	28	23	20	13	10	5	5	11	-	-	-	-	-	-			
MANUFACTURING -----	64	39.5	157.00	146.00	136.50-180.00	-	-	-	6	14	14	6	4	3	6	9	-	-	2	-	-	-	-	-	-	-			
NONMANUFACTURING -----	304	37.5	150.50	141.00	130.00-166.50	-	3	30	39	64	47	30	24	20	14	4	10	5	3	11	-	-	-	-	-	-			
PUBLIC UTILITIES -----	40	40.0	210.50	207.50	196.00-236.00	-	-	-	-	-	-	-	1	-	7	4	9	5	3	11	-	-	-	-	-	-			
RETAIL TRADE -----	123	37.0	143.50	140.00	130.00-161.00	-	1	10	15	35	24	6	14	13	5	-	-	-	-	-	-	-	-	-	-	-			
FINANCE -----	123	37.0	134.50	133.00	123.00-146.50	-	2	20	24	29	23	22	1	2	-	-	-	-	-	-	-	-	-	-	-	-			

See footnotes at end of tables.

Table A-9. Weekly earnings of professional and technical workers—large establishments in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																					
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
						Under \$ 130	130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	and over
ALL WORKERS																											
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	1,029	38.0	\$ 359.00	\$ 356.50	\$ 307.00-\$ 407.00	-	-	-	-	-	1	9	9	9	10	14	22	33	47	70	91	114	97	96	114	*293	
MANUFACTURING -----	243	40.0	367.00	374.00	328.00-407.00	-	-	-	-	-	-	-	-	-	3	-	7	3	4	7	20	37	26	29	32	75	
NONMANUFACTURING -----	786	37.5	356.50	351.00	299.50-408.00	-	-	-	-	-	1	9	9	9	7	14	15	30	43	63	71	77	71	67	82	218	
FINANCE -----	491	37.0	326.50	327.00	285.00-372.00	-	-	-	-	-	1	9	9	8	1	12	12	25	36	51	56	62	56	42	42	69	
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	485	38.0	399.50	390.50	349.00-433.50	-	-	-	-	-	-	-	-	-	-	-	-	1	2	10	26	55	52	64	63	212	
MANUFACTURING -----	160	40.0	393.50	395.50	368.00-421.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	19	14	24	27	73	
NONMANUFACTURING -----	325	37.5	402.50	385.00	345.00-457.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	10	23	36	38	40	36	139	
FINANCE -----	224	37.0	368.00	366.00	335.50-400.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	10	20	31	37	34	33	56	
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	466	38.0	337.00	331.00	297.00-384.50	-	-	-	-	-	1	1	-	1	9	8	9	17	33	55	65	58	45	32	51	81	
MANUFACTURING -----	74	40.0	323.00	328.00	307.00-347.00	-	-	-	-	-	-	-	-	-	3	-	3	-	3	7	17	17	12	5	5	2	
NONMANUFACTURING -----	392	37.5	340.00	334.00	292.00-387.00	-	-	-	-	-	1	1	-	1	6	8	6	17	30	48	48	41	33	27	46	79	
FINANCE -----	199	37.0	312.50	307.00	283.50-338.50	-	-	-	-	-	1	1	-	-	-	6	3	12	23	37	36	31	19	8	9	13	
COMPUTER PROGRAMMERS (BUSINESS) ---	912	38.0	277.00	276.50	230.50-322.50	-	-	-	-	-	50	38	14	40	45	30	49	105	113	102	86	91	62	48	18	21	
MANUFACTURING -----	335	39.5	315.00	316.00	281.00-345.50	-	-	-	-	-	-	-	-	-	2	2	3	31	43	50	49	61	42	31	11	10	
NONMANUFACTURING -----	577	37.5	255.50	249.50	210.00-289.50	-	-	-	-	-	50	38	14	40	43	28	46	74	70	52	37	30	20	17	7	11	
FINANCE -----	511	37.0	251.00	247.00	205.50-286.00	-	-	-	-	-	50	37	10	39	41	25	39	66	63	47	27	25	17	13	5	7	
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	355	39.0	327.00	326.50	296.00-356.00	-	-	-	-	-	-	2	-	-	-	-	2	8	37	58	46	71	54	42	15	20	
MANUFACTURING -----	191	39.5	333.50	331.00	306.50-358.00	-	-	-	-	-	-	-	-	-	-	-	-	-	3	12	26	26	46	35	26	8	9
NONMANUFACTURING -----	164	37.5	319.00	311.50	285.00-352.00	-	-	-	-	-	-	2	-	-	-	-	2	5	25	32	20	25	19	16	7	11	
FINANCE -----	129	37.0	320.50	317.00	286.00-349.00	-	-	-	-	-	-	-	-	-	-	-	-	2	22	28	13	22	17	13	5	7	
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	372	38.0	265.00	259.00	234.00-290.50	-	-	-	-	-	1	7	3	11	33	16	40	78	65	42	39	19	8	6	3	1	
MANUFACTURING -----	128	39.5	293.50	287.50	266.50-317.00	-	-	-	-	-	-	-	-	-	1	-	3	23	27	22	22	14	7	5	3	1	
NONMANUFACTURING -----	244	37.5	250.00	249.50	224.50-271.50	-	-	-	-	-	1	7	3	11	32	16	37	55	38	20	17	5	1	1	-	-	
FINANCE -----	216	37.0	248.50	248.00	224.50-270.50	-	-	-	-	-	1	6	1	10	30	14	34	50	34	19	14	3	-	-	-	-	
COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	185	37.5	206.50	201.00	174.00-226.50	-	-	-	-	-	49	31	9	29	12	14	7	19	11	2	1	1	-	-	-	-	
NONMANUFACTURING -----	169	37.5	201.00	198.00	174.00-217.50	-	-	-	-	-	49	31	9	29	11	12	7	14	7	-	-	-	-	-	-	-	
FINANCE -----	166	37.0	200.50	197.50	174.00-214.50	-	-	-	-	-	49	31	9	29	11	11	5	14	7	-	-	-	-	-	-	-	
COMPUTER OPERATORS -----	966	38.0	212.50	213.00	182.50-237.00	10	15	16	43	39	91	80	82	78	140	86	55	110	43	62	12	1	1	1	1	-	
MANUFACTURING -----	353	39.5	234.00	232.00	200.00-261.00	-	1	3	3	4	29	22	21	25	28	36	24	61	21	59	12	1	1	1	1	-	
NONMANUFACTURING -----	613	37.5	200.50	203.50	174.50-220.00	10	14	13	40	35	62	58	61	53	112	50	31	49	22	3	-	-	-	-	-	-	
RETAIL TRADE -----	81	37.5	182.00	180.00	160.00-202.00	1	4	2	13	11	8	11	9	7	5	7	1	1	1	-	-	-	-	-	-	-	
FINANCE -----	379	37.0	198.00	197.50	172.00-222.50	9	10	10	27	22	45	32	45	36	41	30	20	35	17	-	-	-	-	-	-	-	
SERVICES -----	81	40.0	213.50	213.00	182.50-234.50	-	-	1	-	2	9	12	5	8	6	11	10	10	4	3	-	-	-	-	-	-	
COMPUTER OPERATORS, CLASS A -----	450	38.0	234.50	228.00	215.00-256.00	-	-	1	8	3	5	16	20	32	108	41	32	85	37	55	7	-	-	-	-	-	
MANUFACTURING -----	165	40.0	259.50	256.00	240.00-287.00	-	-	-	-	-	-	3	-	5	8	10	11	49	19	53	7	-	-	-	-	-	
NONMANUFACTURING -----	285	37.5	220.00	219.50	208.00-231.00	-	-	1	8	3	5	13	20	27	100	31	21	36	18	2	-	-	-	-	-	-	
FINANCE -----	158	37.0	225.50	222.00	208.00-243.50	-	-	-	-	2	7	14	20	31	21	18		31	14	-	-	-	-	-	-	-	

* Workers were distributed as follows: 82 at \$400 to \$420; 63 at \$420 to \$440; 54 at \$440 to \$460; 24 at \$460 to \$480; 15 at \$480 to \$500; 25 at \$500 to \$520; 9 at \$520 to \$540; 17 at \$540 to \$560; and 4 at \$560 to \$580.

See footnotes at end of tables.

Table A-9. Weekly earnings of professional and technical workers—large establishments in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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						\$ Under \$ 130	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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See footnotes at end of tables.

Table A-10. Average weekly earnings of office, professional, and technical workers, by sex—large establishments in Boston, Mass., August 1977

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED			
FILE CLERKS -----	59	38.0	\$ 139.50								
NONMANUFACTURING -----	58	38.0	139.00	STENOGRAPHERS -----	654	39.0	\$ 188.00	SWITCHBOARD OPERATORS -----	404	39.0	\$ 170.00
MESSENGERS -----	232	38.5	136.50	MANUFACTURING -----	311	40.0	189.00	MANUFACTURING -----	162	39.5	180.50
MANUFACTURING -----	93	38.5	154.00	NONMANUFACTURING -----	343	38.5	187.00	NONMANUFACTURING -----	242	38.5	163.00
NONMANUFACTURING -----	139	38.0	124.50	PUBLIC UTILITIES -----	112	38.5	222.00	PUBLIC UTILITIES -----	30	40.0	209.50
FINANCE -----	88	37.0	123.00	SERVICES -----	175	39.0	172.50	FINANCE -----	84	37.0	151.50
ACCOUNTING CLERKS -----	274	38.5	204.50	STENOGRAPHERS, GENERAL -----	351	39.0	193.00	SERVICES -----	88	39.5	158.00
MANUFACTURING -----	89	38.5	196.00	NONMANUFACTURING -----	153	38.0	194.00	SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING -----	81	38.5	160.50
NONMANUFACTURING -----	185	38.5	208.50	STENOGRAPHERS, SENIOR -----	303	39.0	182.50	MANUFACTURING -----	50	39.0	169.00
FINANCE -----	70	36.0	166.50	NONMANUFACTURING -----	190	39.0	181.50	ORDER CLERKS -----	134	37.5	147.00
ACCOUNTING CLERKS, CLASS A -----	188	38.5	220.50	TRANSCRIBING-MACHINE TYPISTS -----	88	37.0	154.50	MANUFACTURING -----	127	37.5	147.00
NONMANUFACTURING -----	139	38.5	223.50	NONMANUFACTURING -----	88	37.0	154.50	ACCOUNTING CLERKS -----	2,398	38.0	180.00
FINANCE -----	50	36.0	179.50	FINANCE -----	79	37.0	152.50	MANUFACTURING -----	631	39.0	185.50
ACCOUNTING CLERKS, CLASS B -----	86	38.0	169.50	TYPISTS -----	981	38.0	153.00	NONMANUFACTURING -----	1,767	37.5	178.00
OFFICE OCCUPATIONS - WOMEN				MANUFACTURING -----	275	39.5	154.00	RETAIL TRADE -----	474	37.0	139.00
SECRETARIES -----	7,044	38.5	205.50	NONMANUFACTURING -----	706	37.5	152.50	FINANCE -----	425	37.0	148.50
MANUFACTURING -----	3,472	39.0	213.00	FINANCE -----	433	37.0	135.00	SERVICES -----	197	39.5	182.50
NONMANUFACTURING -----	3,572	38.0	198.00	SERVICES -----	173	39.5	173.50	ACCOUNTING CLERKS, CLASS A -----	1,164	38.0	199.00
RETAIL TRADE -----	402	37.5	180.00	TYPISTS, CLASS A -----	501	38.5	165.00	MANUFACTURING -----	318	39.0	200.50
FINANCE -----	1,717	37.0	181.00	MANUFACTURING -----	172	39.5	159.50	NONMANUFACTURING -----	846	37.5	198.50
SERVICES -----	1,076	40.0	209.50	NONMANUFACTURING -----	329	38.5	168.00	RETAIL TRADE -----	1,150	37.0	158.00
SECRETARIES, CLASS A -----	334	38.0	252.00	FINANCE -----	129	37.0	144.50	FINANCE -----	200	37.0	160.50
MANUFACTURING -----	113	39.0	283.00	SERVICES -----	152	39.5	177.50	SERVICES -----	95	39.5	207.00
NONMANUFACTURING -----	221	37.5	236.00	TYPISTS, CLASS B -----	480	37.5	140.50	ACCOUNTING CLERKS, CLASS B -----	1,234	38.0	162.00
FINANCE -----	153	37.5	229.50	MANUFACTURING -----	103	39.0	144.50	MANUFACTURING -----	313	38.5	170.00
SECRETARIES, CLASS B -----	1,350	38.5	235.50	NONMANUFACTURING -----	377	37.0	139.50	NONMANUFACTURING -----	921	37.5	159.00
MANUFACTURING -----	753	39.0	238.00	FINANCE -----	304	37.0	131.50	RETAIL TRADE -----	324	37.0	129.50
NONMANUFACTURING -----	597	38.0	232.00	FILE CLERKS -----	1,015	37.5	132.50	FINANCE -----	225	37.0	138.00
PUBLIC UTILITIES -----	71	38.5	287.50	MANUFACTURING -----	143	37.0	142.50	SERVICES -----	102	39.5	159.50
RETAIL TRADE -----	85	37.5	201.50	NONMANUFACTURING -----	872	37.5	130.50	PAYROLL CLERKS -----	208	38.0	171.00
FINANCE -----	254	37.0	219.00	PUBLIC UTILITIES -----	65	39.0	176.50	MANUFACTURING -----	104	38.5	181.50
SERVICES -----	164	40.0	236.50	FINANCE -----	640	37.0	119.50	NONMANUFACTURING -----	104	38.0	160.00
SECRETARIES, CLASS C -----	2,596	38.5	204.50	FILE CLERKS, CLASS A -----	254	37.0	143.00	RETAIL TRADE -----	56	38.0	151.50
MANUFACTURING -----	1,366	39.0	212.50	NONMANUFACTURING -----	167	37.5	144.00	KEYPUNCH OPERATORS -----	1,113	38.0	169.00
NONMANUFACTURING -----	1,230	38.0	196.00	FINANCE -----	134	37.0	135.00	MANUFACTURING -----	422	39.0	176.00
PUBLIC UTILITIES -----	134	38.5	261.00	FILE CLERKS, CLASS B -----	378	37.5	124.00	NONMANUFACTURING -----	691	37.5	165.00
RETAIL TRADE -----	147	37.5	172.50	NONMANUFACTURING -----	364	37.5	121.50	PUBLIC UTILITIES -----	127	39.0	221.50
FINANCE -----	681	37.0	180.00	FINANCE -----	332	37.0	118.00	RETAIL TRADE -----	175	37.5	150.50
SERVICES -----	247	39.5	217.00	FILE CLERKS, CLASS C -----	383	38.0	133.50	FINANCE -----	332	37.0	149.00
SECRETARIES, CLASS D -----	2,743	38.5	185.50	NONMANUFACTURING -----	341	38.0	133.50	SERVICES -----	57	39.5	176.00
MANUFACTURING -----	1,240	39.0	192.00	PUBLIC UTILITIES -----	65	39.0	176.50	KEYPUNCH OPERATORS, CLASS A -----	747	38.5	177.50
NONMANUFACTURING -----	1,503	38.0	180.00	FINANCE -----	174	37.0	110.00	MANUFACTURING -----	359	39.0	179.50
RETAIL TRADE -----	110	36.5	156.50	MESSENGERS -----	200	38.0	128.00	NONMANUFACTURING -----	388	37.5	176.00
FINANCE -----	629	37.0	155.50	NONMANUFACTURING -----	159	37.5	122.00	RETAIL TRADE -----	52	38.5	167.00
				FINANCE -----	116	37.5	120.00	FINANCE -----	210	37.0	157.00
								KEYPUNCH OPERATORS, CLASS B -----	366	38.0	151.50
								MANUFACTURING -----	63	39.5	156.50
								NONMANUFACTURING -----	303	37.5	150.50
								PUBLIC UTILITIES -----	40	40.0	210.50
								RETAIL TRADE -----	123	37.0	143.50
								FINANCE -----	122	37.0	134.50

See footnotes at end of tables.

Table A-10. Average weekly earnings of office, professional, and technical workers, by sex—large establishments in Boston, Mass., August 1977—Continued

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN			
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	740	38.0	\$ 369.00	COMPUTER OPERATORS - CONTINUED				COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	289	37.5	\$ 333.00
MANUFACTURING -----	209	40.0	375.50	COMPUTER OPERATORS, CLASS A -----	344	38.5	238.50	NONMANUFACTURING -----	255	37.5	335.50
NONMANUFACTURING -----	531	37.5	366.50	MANUFACTURING -----	145	40.0	262.00	FINANCE -----	168	37.0	300.00
FINANCE -----	323	37.0	340.50	NONMANUFACTURING -----	199	37.5	221.50				
				FINANCE -----	145	37.0	226.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	103	37.5	396.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	382	38.5	400.50	COMPUTER OPERATORS, CLASS B -----	279	38.5	206.50	NONMANUFACTURING -----	84	37.5	407.50
MANUFACTURING -----	141	40.0	400.00	MANUFACTURING -----	115	39.5	222.00	FINANCE -----	56	37.0	357.50
NONMANUFACTURING -----	241	37.5	401.00	NONMANUFACTURING -----	164	38.0	195.50				
FINANCE -----	168	37.0	371.50	FINANCE -----	99	37.0	192.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	136	37.5	323.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	330	38.0	343.00	COMPUTER OPERATORS, CLASS C -----	125	37.5	166.50	NONMANUFACTURING -----	125	37.5	326.50
MANUFACTURING -----	63	40.0	329.50	NONMANUFACTURING -----	107	37.5	163.50	FINANCE -----	66	37.0	301.00
NONMANUFACTURING -----	267	37.5	346.00	FINANCE -----	93	37.5	163.50				
FINANCE -----	133	37.0	318.00	DRAFTERS -----	1,281	39.5	278.50	COMPUTER PROGRAMMERS (BUSINESS) -----	265	38.0	260.50
COMPUTER PROGRAMMERS (BUSINESS) -----	647	38.5	284.00	MANUFACTURING -----	808	40.0	275.50	MANUFACTURING -----	70	39.5	297.00
MANUFACTURING -----	265	39.5	319.50	NONMANUFACTURING -----	473	39.0	283.50	NONMANUFACTURING -----	195	37.5	247.50
NONMANUFACTURING -----	382	37.5	259.50	DRAFTERS, CLASS A -----	664	39.5	308.50	FINANCE -----	179	37.0	245.00
FINANCE -----	332	37.0	254.50	MANUFACTURING -----	385	40.0	308.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	81	38.5	315.00
				NONMANUFACTURING -----	279	39.0	308.00	NONMANUFACTURING -----	50	37.5	313.50
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	274	39.0	330.50	DRAFTERS, CLASS B -----	430	39.5	267.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	116	38.0	255.50
MANUFACTURING -----	140	39.5	337.00	MANUFACTURING -----	270	40.0	272.00	NONMANUFACTURING -----	82	37.5	242.50
NONMANUFACTURING -----	114	38.0	321.50	NONMANUFACTURING -----	160	39.0	259.00	FINANCE -----	74	37.0	243.50
FINANCE -----	87	37.0	324.50	PUBLIC UTILITIES -----	48	40.0	301.50				
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	256	38.0	269.50	DRAFTERS, CLASS C -----	171	40.0	201.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	68	37.5	205.00
MANUFACTURING -----	94	39.5	295.50	MANUFACTURING -----	142	40.0	200.50	NONMANUFACTURING -----	63	37.5	201.50
NONMANUFACTURING -----	162	37.5	254.00	ELECTRONICS TECHNICIANS -----	1,054	40.0	258.50	FINANCE -----	63	37.0	201.50
FINANCE -----	142	37.0	251.50	MANUFACTURING -----	812	40.0	246.00				
COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	117	37.5	207.00	NONMANUFACTURING -----	242	40.0	300.50	COMPUTER OPERATORS -----	218	38.0	206.50
NONMANUFACTURING -----	106	37.5	201.00	SERVICES -----	128	40.0	282.50	MANUFACTURING -----	75	39.0	210.50
FINANCE -----	103	37.0	200.00	ELECTRONICS TECHNICIANS, CLASS A -----	508	40.0	284.00	NONMANUFACTURING -----	143	37.5	204.50
COMPUTER OPERATORS -----	748	38.5	214.50	MANUFACTURING -----	372	40.0	278.00	COMPUTER OPERATORS, CLASS B -----	76	38.0	199.00
MANUFACTURING -----	278	39.5	240.50	NONMANUFACTURING -----	136	40.0	301.00				
NONMANUFACTURING -----	470	37.5	199.00	SERVICES -----	93	40.0	288.50	DRAFTERS -----	71	39.5	206.50
RETAIL TRADE -----	66	37.5	183.50	ELECTRONICS TECHNICIANS, CLASS B -----	383	40.0	247.00	REGISTERED INDUSTRIAL NURSES -----	130	39.5	250.00
FINANCE -----	337	37.0	199.00	MANUFACTURING -----	286	40.0	228.00	MANUFACTURING -----	86	40.0	250.50
SERVICES -----	67	40.0	215.50	NONMANUFACTURING -----	97	40.0	304.50				
				ELECTRONICS TECHNICIANS, CLASS C -----	73	40.0	204.00				
				MANUFACTURING -----	71	40.0	203.50				

See footnotes at end of tables.

Table A-11. Hourly earnings of maintenance, toolroom, and powerplant workers—large establishments in Boston, Mass., August 1977

Occupation and industry division	Number of workers	Hourly earnings ¹			Number of workers receiving straight-time hourly earnings of—																											
		Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00	8.20	8.40	8.60	and under	over				
					4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00	8.20	8.40	8.60	over					
ALL WORKERS																																
MAINTENANCE CARPENTERS -----	261	\$ 6.77	\$ 6.49	\$ 6.24- 7.23	2	-	1	3	-	8	5	15	16	14	63	33	13	8	14	8	17	-	12	5	-	-	-	24				
MANUFACTURING -----	174	6.69	6.39	6.39- 7.11	-	-	1	-	-	3	3	12	3	11	55	31	7	1	13	3	10	-	12	-	-	-	-	9				
NONMANUFACTURING -----	87	6.94	6.67	5.82- 7.51	2	-	-	3	-	5	2	3	13	3	8	2	6	7	1	5	7	-	-	5	-	-	-	*15				
MAINTENANCE ELECTRICIANS -----	730	7.17	7.19	6.57- 7.91	-	-	1	-	4	6	19	81	7	17	21	31	39	128	18	119	31	21	78	-	24	-	**85					
MANUFACTURING -----	582	7.11	6.99	6.57- 7.55	-	-	-	-	4	6	19	77	2	12	11	29	21	120	13	99	31	14	46	-	23	-	55					
NONMANUFACTURING -----	148	7.42	7.34	6.71- 7.91	-	-	1	-	-	-	-	4	5	5	10	2	18	8	5	20	-	7	32	-	1	-	30					
MAINTENANCE PAINTERS -----	161	6.73	6.24	6.10- 7.55	-	-	1	4	5	4	2	12	5	31	30	4	3	3	6	4	9	-	4	9	-	-	***25					
MANUFACTURING -----	95	6.58	6.24	6.10- 6.93	-	-	-	-	2	1	1	9	2	30	25	-	-	1	6	-	4	-	-	-	-	-	14					
NONMANUFACTURING -----	66	6.94	7.07	5.95- 8.11	-	-	1	4	3	3	1	3	3	1	5	4	3	2	-	4	5	-	4	9	-	-	11					
MAINTENANCE MACHINISTS -----	632	6.72	6.90	6.14- 6.99	12	-	-	4	15	24	22	57	5	29	13	29	39	267	12	9	20	-	33	-	13	1	28					
MANUFACTURING -----	623	6.73	6.90	6.14- 6.99	12	-	-	3	15	24	22	57	3	27	11	29	39	267	12	9	19	-	33	-	13	-	28					
MAINTENANCE MECHANICS (MACHINERY) -	1,119	6.85	6.92	6.27- 7.55	11	-	9	65	16	4	10	25	63	37	142	25	41	150	20	171	82	2	168	-	71	-	7					
MANUFACTURING -----	998	6.78	6.92	6.27- 7.37	11	-	9	64	12	3	10	22	63	37	139	25	35	149	17	154	44	-	133	-	71	-	-					
NONMANUFACTURING -----	121	7.43	7.43	7.33- 7.99	-	-	-	1	4	1	-	3	-	-	3	-	6	1	3	17	38	2	35	-	-	-	7					
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	248	8.04	7.86	7.00- 9.04	-	-	-	-	-	-	-	1	2	4	-	4	14	19	46	15	18	-	31	-	-	-	†94					
MANUFACTURING -----	86	7.15	7.00	6.90- 7.00	-	-	-	-	-	-	-	2	2	-	2	13	18	31	6	-	-	-	-	-	-	-	12					
NONMANUFACTURING -----	162	8.51	8.89	7.59- 9.34	-	-	-	-	-	-	-	1	-	2	-	2	1	1	15	9	18	-	31	-	-	-	82					
PUBLIC UTILITIES -----	134	8.77	8.89	7.86- 9.93	-	-	-	-	-	-	-	-	-	-	-	1	-	-	11	9	-	-	31	-	-	-	82					
MAINTENANCE PIPEFITTERS -----	295	7.22	7.22	6.39- 7.92	-	-	-	-	-	6	1	31	-	11	34	6	5	6	14	80	8	1	36	1	16	-	†39					
MANUFACTURING -----	282	7.23	7.22	6.39- 7.92	-	-	-	-	-	6	1	31	-	8	34	6	5	5	9	76	8	1	36	1	16	-	39					
MAINTENANCE SHEET-METAL WORKERS ---	108	6.79	6.85	6.58- 7.22	-	-	-	-	-	9	-	12	-	3	-	4	24	6	9	28	1	-	9	-	2	-	1					
MANUFACTURING -----	88	6.82	7.11	6.09- 7.22	-	-	-	-	-	9	-	12	-	3	-	4	6	4	9	28	1	-	9	-	2	-	-					
MILLWRIGHTS -----	95	6.32	6.39	6.23- 6.39	-	-	-	-	-	9	-	4	1	10	57	2	2	-	7	1	2	-	-	-	-	-	-					
MAINTENANCE TRADES HELPERS -----	83	5.07	4.82	4.38- 5.36	‡22	1	18	3	9	10	9	-	-	-	-	-	-	9	2	-	-	-	-	-	-	-	-					
MANUFACTURING -----	52	4.82	4.72	4.56- 5.22	13	-	18	2	4	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MACHINE-TOOL OPERATORS (TOOLROOM) -	140	6.45	6.49	6.19- 6.78	-	-	-	-	-	4	4	11	7	9	14	42	18	2	29	-	-	-	-	-	-	-	-					
MANUFACTURING -----	140	6.45	6.49	6.19- 6.78	-	-	-	-	-	4	4	11	7	9	14	42	18	2	29	-	-	-	-	-	-	-	-					
TOOL AND DIE MAKERS -----	411	7.60	7.68	7.19- 7.72	-	-	-	-	-	-	-	-	1	3	16	14	33	9	29	34	60	120	10	2	12	1	‡67					
MANUFACTURING -----	411	7.60	7.68	7.19- 7.72	-	-	-	-	-	-	-	-	1	3	16	14	33	9	29	34	60	120	10	2	12	1	67					
STATIONARY ENGINEERS -----	130	7.16	7.20	6.52- 7.55	-	-	-	1	4	3	4	9	1	1	2	14	8	13	4	20	17	1	8	3	1	-	‡16					
MANUFACTURING -----	76	7.11	7.21	6.56- 7.92	-	-	-	-	3	3	-	9	-	-	1	6	2	13	-	8	9	1	8	3	-	-	10					
NONMANUFACTURING -----	54	7.22	7.14	6.52- 7.52	-	-	-	1	1	-	4	-	1	1	1	8	6	-	4	12	8	-	-	-	1	-	6					
BOILER TENDERS -----	90	6.05	6.18	5.47- 6.37	-	-	2	9	3	3	8	9	2	12	19	9	4	-	-	-	7	-	3	-	-	-	-					
MANUFACTURING -----	71	6.01	6.24	5.46- 6.34	-	-	2	9	3	-	6	6	1	7	19	9	4	-	-	-	2	-	3	-	-	-	-					

* Workers were distributed as follows: 5 at \$8.80 to \$9; 9 at \$9.80 to \$10; and 1 at \$10.40 to \$10.60.

** Workers were distributed as follows: 29 at \$8.60 to \$8.80; 31 at \$8.80 to \$9; 3 at \$9 to \$9.20; and 22 at \$10.20 to \$10.40.

*** Workers were distributed as follows: 24 at \$8.60 to \$8.80; and 1 at \$9.60 to \$9.80.

† Workers were distributed as follows: 12 at \$8.60 to \$8.80; 16 at \$8.80 to \$9; 11 at \$9 to \$9.20; 20 at \$9.20 to \$9.40; 12 at \$9.80 to \$10; 13 at \$10 to \$10.20; and 10 at \$10.20 to \$10.40.

†† Workers were distributed as follows: 37 at \$8.60 to \$8.80; 1 at \$11.80 to \$12; and 1 at \$12 to \$12.20.

* Workers were distributed as follows: 3 at \$3.80 to \$4; 7 at \$4 to \$4.20; and 12 at \$4.20 to \$4.40.

Workers were distributed as follows: 19 at \$8.60 to \$8.80; 41 at \$8.80 to \$9; and 7 at \$9 to \$9.20

Workers were distributed as follows: 4 at \$8.60 to \$8.80; 6 at \$8.80 to \$9; and 6 at \$10.20 to \$10.40.

See footnotes at end of tables.

Table A-12. Hourly earnings of material movement and custodial workers—large establishments in Boston, Mass., August 1977

[illegible]

* Workers were distributed as follows: 96 at \$ 7.20 to \$ 7.60; 305 at \$ 7.60 to \$ 8; 111 at \$ 8 to \$ 8.40; 15 at \$ 8.40 to \$ 8.80; and 14 at \$ 8.80 to \$ 9.20.

** Workers were at \$ 7.20 to \$ 7.60.

† Workers were distributed as follows: 141 at \$ 2.20 to \$ 2.40; and 254 at \$ 2.40 to \$ 2.60.

See footnotes at end of tables.

Table A-12. Hourly earnings of material movement and custodial workers—large establishments in Boston, Mass., August 1977—Continued

Occupation and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

See footnotes at end of tables.

Table A-13. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex—large establishments in Boston, Mass., August 1977

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴
MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MEN		\$	MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MEN--CONTINUED		\$	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		\$
MAINTENANCE CARPENTERS -----	261	6.77	BOILER TENDERS -----	90	6.05	MATERIAL HANDLING LABORERS -----	901	4.90
MANUFACTURING -----	174	6.69	MANUFACTURING -----	71	6.01	MANUFACTURING -----	579	4.56
NONMANUFACTURING -----	87	6.94				NONMANUFACTURING -----	322	5.53
MAINTENANCE ELECTRICIANS -----	730	7.17	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			RETAIL TRADE -----	289	5.41
MANUFACTURING -----	582	7.11				FORKLIFT OPERATORS -----	633	5.68
NONMANUFACTURING -----	148	7.42				MANUFACTURING -----	450	5.24
MAINTENANCE PAINTERS -----	161	6.73	TRUCKDRIVERS -----	1,085	6.96	NONMANUFACTURING -----	183	6.78
MANUFACTURING -----	95	6.58	MANUFACTURING -----	550	6.97	RETAIL TRADE -----	181	6.80
NONMANUFACTURING -----	66	6.94	NONMANUFACTURING -----	535	6.95	GUARDS AND WATCHMEN -----	1,828	3.81
MAINTENANCE MACHINISTS -----	632	6.72	RETAIL TRADE -----	213	7.33	MANUFACTURING -----	561	4.94
MANUFACTURING -----	623	6.73	FINANCE -----	53	4.41	NONMANUFACTURING -----	1,267	3.31
MAINTENANCE MECHANICS (MACHINERY) -	1,112	6.86	TRUCKDRIVERS, LIGHT TRUCK -----	113	6.76	RETAIL TRADE -----	60	5.25
MANUFACTURING -----	991	6.79	TRUCKDRIVERS, MEDIUM TRUCK -----	511	6.89	FINANCE -----	214	4.79
NONMANUFACTURING -----	121	7.43	NONMANUFACTURING -----	275	6.81	SERVICES -----	970	2.80
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	248	8.04	TRUCKDRIVERS, HEAVY TRUCK (TRAILER) -----	340	7.17	GUARDS: MANUFACTURING -----	410	5.15
MANUFACTURING -----	86	7.15				WATCHMEN: MANUFACTURING -----	151	4.39
NONMANUFACTURING -----	162	8.51	TRUCKDRIVERS, HEAVY TRUCK (OTHER THAN TRAILER) -----	64	6.23	JANITORS, PORTERS, AND CLEANERS: MANUFACTURING -----	1,152	4.85
PUBLIC UTILITIES -----	134	8.77	SHIPPING CLERKS -----	185	5.27	NONMANUFACTURING: RETAIL TRADE -----	211	4.55
MAINTENANCE PIPEFITTERS -----	295	7.22	MANUFACTURING -----	129	4.79	FINANCE -----	92	4.12
MANUFACTURING -----	282	7.23	RECEIVING CLERKS -----	303	5.89	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - WOMEN		
MAINTENANCE SHEET-METAL WORKERS ---	108	6.79	MANUFACTURING -----	128	5.02			
MANUFACTURING -----	88	6.82	SHIPPING AND RECEIVING CLERKS -----	137	5.44	SHIPPING PACKERS -----	114	4.17
MILLWRIGHTS -----	95	6.32	MANUFACTURING -----	122	5.53	MANUFACTURING -----	97	4.26
MAINTENANCE TRADES HELPERS -----	81	5.10	WAREHOUSEMEN -----	463	5.71	GUARDS AND WATCHMEN -----	103	3.16
MANUFACTURING -----	51	4.83	MANUFACTURING -----	185	4.92	NONMANUFACTURING -----	89	2.85
MACHINE-TOOL OPERATORS (TOOLROOM) -	140	6.45	NONMANUFACTURING -----	278	6.24	JANITORS, PORTERS, AND CLEANERS: MANUFACTURING -----	88	4.27
MANUFACTURING -----	140	6.45	RETAIL TRADE -----	211	6.14	NONMANUFACTURING: FINANCE -----	73	3.88
TOOL AND DIE MAKERS -----	411	7.60	ORDER FILLERS -----	432	5.95			
MANUFACTURING -----	411	7.60	MANUFACTURING -----	159	5.16			
STATIONARY ENGINEERS -----	130	7.16	NONMANUFACTURING -----	273	6.41			
MANUFACTURING -----	76	7.11	SHIPPING PACKERS -----	114	4.89			
NONMANUFACTURING -----	54	7.22	MANUFACTURING -----	99	4.95			

See footnotes at end of tables.

Footnotes

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 The mean is computed for each job by totaling the earnings of all workers and dividing by the number of workers. The median designates position—half of the workers receive the same or more and half receive the same or less than the rate shown. The middle range is defined by two rates of pay: a fourth of the workers earn the same or less than the lower of these rates and a fourth earn the same or more than the higher rate.

³ Earnings data relate only to workers whose sex identification was provided by the establishment.

⁴ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

⁵ Estimates for periods ending prior to 1976 relate to men only for skilled maintenance and unskilled plant workers. All other estimates relate to men and women.

⁶ Data do not meet publication criteria or data not available.

Appendix A.

Scope and Method of Survey

Data on area wages and related benefits are obtained by personal visits of Bureau field representatives at 3-year intervals. In each of the intervening years, information on employment and occupational earnings is collected by a combination of personal visit, mail questionnaire, and telephone interview from establishments participating in the previous survey.

In each of the 74¹ areas currently surveyed, data are obtained from representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because of insufficient employment in the occupations studied. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

These surveys are conducted on a sample basis. The sampling procedures involve detailed stratification of all establishments within the scope of an individual area survey by industry and number of employees. From this stratified universe a probability sample is selected, with each establishment having a predetermined chance of selection. To obtain optimum accuracy at minimum cost, a greater proportion of large than small establishments is selected. When data are combined, each establishment is weighted according to its probability of selection, so that unbiased estimates are generated. For example, if one out of four establishments is selected, it is given a weight of 4 to represent itself plus three others. An alternate of the same original probability is chosen in the same industry-size classification if data are not available from the original sample member. If no suitable substitute is available, additional weight is assigned to a sample member that is similar to the missing unit.

Occupations and earnings

Occupations selected for study are common to a variety of manufacturing and nonmanufacturing industries, and are of the following types: (1) Office clerical; (2) professional and technical; (3) maintenance, toolroom, and powerplant; and (4) material movement and custodial. Occupational classification is 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.

¹ Included in the 74 areas are 4 studies conducted by the Bureau under contract. These areas are Akron, Ohio; Birmingham, Ala.; Norfolk—Virginia Beach—Portsmouth and Newport News—Hampton, Va.—N.C.; and Syracuse, N.Y. In addition, the Bureau conducts more limited area studies in approximately 100 areas at the request of the Employment Standards Administration of the U.S. Department of Labor.

Unless otherwise indicated, the earnings data following the job titles are for all industries combined. Earnings data for some of the occupations listed and described, or for some industry divisions within the scope of the survey, are not presented in the A-series tables because either (1) employment in the occupation is too small to provide enough data to merit presentation, or (2) there is possibility of disclosure of individual establishment data. Separate men's and women's earnings data are not presented when the number of workers not identified by sex is 20 percent or more of the men or women identified in an occupation. Earnings data not shown separately for industry divisions are included in data for all industries combined. Likewise, for occupations with more than one level, data are included in the overall classification when a subclassification is not shown or information to subclassify is not available.

Occupational employment and earnings data are shown for full-time workers, i.e., those hired to work a regular weekly schedule. Earnings data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Nonproduction bonuses are excluded, but cost-of-living allowances and incentive bonuses are included. Weekly hours for office clerical and professional and technical occupations refer to the standard workweek (rounded to the nearest half hour) for which employees receive regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates). Average weekly earnings for these occupations are rounded to the nearest half dollar. Vertical lines within the distribution of workers on some A-tables indicate a change in the size of the class intervals.

These surveys measure the level of occupational earnings in an area at a particular time. Comparisons of individual occupational averages over time may not reflect expected wage changes. The averages for individual jobs are affected by changes in wages and employment patterns. For example, proportions of workers employed by high- or low-wage firms may change, or high-wage workers may advance to better jobs and be replaced by new workers at lower rates. Such shifts in employment could decrease an occupational average even though most establishments in an area increase wages during the year. Changes in earnings of occupational groups, shown in table A-7, are better indicators of wage trends than are earnings changes for individual jobs within the groups.

Average earnings reflect composite, areawide estimates. Industries and establishments differ in pay level and job staffing, and thus contribute differently to the estimates for each job. Pay averages may fail to reflect accurately the wage differential among jobs in individual establishments.

Average pay levels for men and women in selected occupations should not be assumed to reflect differences in pay of the sexes within individual establishments. Factors which may contribute to differences include progression within established rate ranges (only the rates paid incumbents are collected) and performance of specific duties within the general survey job descriptions. Job descriptions used to classify employees in these surveys usually are more generalized than those used in individual establishments and allow for minor differences among establishments in specific duties performed.

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. These differences in occupational structure do not affect materially the accuracy of the earnings data.

Wage trends for selected occupational groups

The percent increases presented in table A-7 are based on changes in average hourly earnings of men and women in establishments reporting the trend jobs in both the current and previous year (matched establishments). The data are adjusted to remove the effects on average earnings of employment shifts among establishments and turnover of establishments included in survey samples. The percent increases, however, are still affected by factors other than wage increases. Hirings, layoffs, and turnover may affect an establishment average for an occupation when workers are paid under plans providing a range of wage rates for individual jobs. In periods of increased hiring, for example, new employees may enter at the bottom of the range, depressing the average without a change in wage rates.

The percent changes relate to wage changes between the indicated dates. When the time span between surveys is other than 12 months, annual rates are shown. (It is assumed that wages increase at a constant rate between surveys.)

Occupations used to compute wage trends are:

Office clerical

Secretaries
Stenographers, general
Stenographers, senior
Typists, classes A and B
File clerks, classes A,
B, and C
Messengers
Switchboard operators

Office clerical—Continued

Order clerks
Accounting clerks,
classes A and B
Bookkeeping-machine
operators, class B
Payroll clerks
Keypunch operators,
classes A and B

Electronic data processing

Computer systems
analysts, classes
A, B, and C
Computer programmers,
classes A, B, and C
Computer operators,
classes A, B, and C

Skilled maintenance

Carpenters
Electricians
Painters
Machinists
Mechanics (machinery)
Mechanics (motor vehicle)
Pipefitters
Tool and die makers

Industrial nurses

Registered industrial
nurses

Unskilled plant

Janitors, porters, and
cleaners
Material handling laborers

Percent changes for individual areas in the program are computed as follows:

1. Average earnings are computed for each occupation for the 2 years being compared. The averages are derived from earnings in those establishments which are in the survey both years; it is assumed that employment remains unchanged.
2. Each occupation is assigned a weight based on its proportionate employment in the occupational group in the base year.
3. These weights are used to compute group averages. Each occupation's average earnings (computed in step 1) is multiplied by its weight. The products are totaled to obtain a group average.
4. The ratio of group averages for 2 consecutive years is computed by dividing the average for the current year by the average for the earlier year. The result—expressed as a percent—less 100 is the percent change.

For a more detailed description of the method used to compute these wage trends, see "Improving Area Wage Survey Indexes," Monthly Labor Review, January 1973, pp. 52-57.

Establishment practices and supplementary wage provisions

Tabulations on selected establishment practices and supplementary wage provisions (B-series tables) are not presented in this bulletin. Information for these tabulations is collected at 3-year intervals. These tabulations on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days; paid holidays; paid vacations; and health, insurance, and pension plans are presented (in the B-series tables) in previous bulletins for this area.

Appendix table 1. Establishments and workers within scope of survey and number studied in Boston, Mass.,¹ August 1977

Industry division ²	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments		
		Within scope of study ³	Studied	Within scope of study ⁴		Studied
				Number	Percent	
ALL ESTABLISHMENTS						
ALL DIVISIONS -----	-	1,570	324	495,295	100	274,322
MANUFACTURING -----	100	457	84	202,300	41	105,930
NONMANUFACTURING -----	-	1,113	240	292,995	59	168,392
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	100	50	25	39,371	8	35,332
WHOLESALE TRADE -----	50	227	39	23,890	5	6,648
RETAIL TRADE -----	100	188	45	83,466	17	53,033
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	50	250	46	66,927	14	40,797
SERVICES ⁷ -----	50	398	85	79,341	16	32,582
LARGE ESTABLISHMENTS						
ALL DIVISIONS -----	-	173	109	279,101	100	233,271
MANUFACTURING -----	500	73	36	124,195	44	95,441
NONMANUFACTURING -----	-	100	73	154,906	56	137,830
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	500	10	10	32,240	12	32,240
WHOLESALE TRADE -----	500	1	1	1,353	1	1,353
RETAIL TRADE -----	500	39	25	56,972	20	48,647
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	500	25	19	39,483	14	35,875
SERVICES ⁷ -----	500	25	18	24,858	9	19,715

¹ The Boston Standard Metropolitan Statistical Area, as defined by the Office of Management and Budget through February 1974, consists of Suffolk County, 16 communities in Essex County, 34 in Middlesex County, 26 in Norfolk County, and 12 in Plymouth County. The "workers within scope of study" estimates shown in this table 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 employment indexes 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) small establishments are excluded from the scope of the survey.

² The 1972 edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division. However, all government operations are excluded from the scope of the survey.

³ Includes all establishments with total employment at or above the minimum limitation. All outlets (within the area) of companies in industries such as trade,

finance, auto repair service, and motion picture theaters are considered as 1 establishment.

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

⁵ Abbreviated to "public utilities" in the A-series tables. Taxicabs and services incidental to water transportation are excluded. Boston's transit system is municipally operated and is excluded by definition from the scope of the survey.

⁶ Abbreviated to "finance" in the A-series tables.

⁷ Hotels and motels; laundries and other personal services; business services; automobile repair, rental, and parking; motion pictures; nonprofit membership organizations (excluding religious and charitable organizations); and engineering and architectural services.

Appendix B. Occupational Descriptions

The primary purpose of preparing job descriptions for the Bureau's wage surveys is to assist its field staff in classifying into appropriate occupations workers who are employed under a variety of payroll titles and different work arrangements from establishment to establishment and from area to area. This permits the grouping of occupational wage rates representing comparable job content. Because of this emphasis on interestablishment and interarea comparability of occupational content, the Bureau's job descriptions may differ significantly from those in use in individual establishments or those prepared for other purposes. In applying these job descriptions, the Bureau's field economists are instructed to exclude working supervisors; apprentices; learners; beginners; and part-time, temporary, and probationary workers. Handicapped workers whose earnings are reduced because of their handicap are also excluded. Trainees are excluded from the survey except for those receiving on-the-job training in some of the lower level professional and technical occupations.

Office

SECRETARY

Assigned as personal secretary, normally to one individual. Maintains a close and highly responsive relationship to the day-to-day work of the supervisor. Works fairly independently receiving a minimum of detailed supervision and guidance. Performs varied clerical and secretarial duties, usually including most of the following:

- a. Receives telephone calls, personal callers, and incoming mail, answers routine inquiries, and routes technical inquiries to the proper persons;
- b. Establishes, maintains, and revises the supervisor's files;
- c. Maintains the supervisor's calendar and makes appointments as instructed;
- d. Relays messages from supervisor to subordinates;
- e. Reviews correspondence, memoranda, and reports prepared by others for the supervisor's signature to assure procedural and typographic accuracy;
- f. Performs stenographic and typing work.

SECRETARY—Continued

May also perform other clerical and secretarial tasks of comparable nature and difficulty. The work typically requires knowledge of office routine and understanding of the organization, programs, and procedures related to the work of the supervisor.

Exclusions

Not all positions that are titled "secretary" possess the above characteristics. Examples of positions which are excluded from the definition are as follows:

- a. Positions which do not meet the "personal" secretary concept described above;
- b. Stenographers not fully trained in secretarial-type duties;
- c. Stenographers serving as office assistants to a group of professional, technical, or managerial persons;
- d. Secretary positions in which the duties are either substantially more routine or substantially more complex and responsible than those characterized in the definition;

Exclusions—Continued

e. Assistant-type positions which involve more difficult or more responsible technical, administrative, supervisory, or specialized clerical duties which are not typical of secretarial work.

NOTE: The term "corporate officer," used in the level definitions following, refers to those officials who have a significant corporatewide policymaking role with regard to major company activities. The title "vice president," though normally indicative of this role, does not in all cases identify such positions. Vice presidents whose primary responsibility is to act personally on individual cases or transactions (e.g., approve or deny individual loan or credit actions; administer individual trust accounts; directly supervise a clerical staff) are not considered to be "corporate officers" for purposes of applying the following level definitions.

Class A

1. Secretary to the chairman of the board or president of a company that employs, in all, over 100 but fewer than 5,000 persons; or

2. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 5,000 but fewer than 25,000 persons; or

3. Secretary to the head, immediately below the corporate officer level, of a major segment or subsidiary of a company that employs, in all, over 25,000 persons.

Class B

1. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or

2. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or

3. Secretary to the head, immediately below the officer level, over either a major corporationwide functional activity (e.g., marketing, research, operations, industrial relations, etc.) or a major geographic or organizational segment (e.g., a regional headquarters; a major division) of a company that employs, in all, over 5,000 but fewer than 25,000 employees; or

4. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, over 5,000 persons; or

5. Secretary to the head of a large and important organizational segment (e.g., a middle management supervisor of an organizational segment often involving as many as several hundred persons) or a company that employs, in all, over 25,000 persons.

Class C

1. Secretary to an executive or managerial person whose responsibility is not equivalent to one of the specific level situations in the definition for class B, but whose organizational unit normally numbers at least several dozen employees and is usually divided into organizational segments which are often, in turn, further subdivided. In some companies, this level includes a wide range of organizational echelons; in others, only one or two; or

2. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, fewer than 5,000 persons.

Class D

1. Secretary to the supervisor or head of a small organizational unit (e.g., fewer than about 25 or 30 persons); or

2. Secretary to a nonsupervisory staff specialist, professional employee, administrative officer, or assistant, skilled technician, or expert. (NOTE: Many companies assign stenographers, rather than secretaries as described above, to this level of supervisory or nonsupervisory worker.)

STENOGRAPHER

Primary duty is to take dictation using shorthand, and to transcribe the dictation. May also type from written copy. May operate from a stenographic pool. May occasionally transcribe from voice recordings (if primary duty is transcribing from recordings, see Transcribing-Machine Typist).

NOTE: This job is distinguished from that of a secretary in that a secretary normally works in a confidential relationship with only one manager or executive and performs more responsible and discretionary tasks as described in the secretary job definition.

Stenographer, General

Dictation involves a normal routine vocabulary. May maintain files, keep simple records, or perform other relatively routine clerical tasks.

Stenographer, Senior

Dictation involves a varied technical or specialized vocabulary such as in legal briefs or reports on scientific research. May also set up and maintain files, keep records, etc.

OR

Performs stenographic duties requiring significantly greater independence and responsibility than stenographer, general, as evidenced by the following: Work requires a high degree of stenographic speed and accuracy; a thorough working knowledge of general business and office procedure; and of the specific business operations, organization, policies, procedures, files, workflow, etc. Uses this knowledge in performing stenographic duties and responsible clerical tasks such as maintaining followup files; assembling material for reports, memoranda, and letters; composing simple letters from general instructions; reading and routing incoming mail; and answering routine questions, etc.

TRANSCRIBING-MACHINE TYPIST

Primary duty is to transcribe dictation involving a normal routine vocabulary from transcribing-machine records. May also type from written copy and do simple clerical work. Workers transcribing dictation involving a varied technical or specialized vocabulary such as legal briefs or reports on scientific research are not included. A worker who takes dictation in shorthand or by Stenotype or similar machine is classified as a stenographer.

TYPIST

Uses a typewriter to make copies of various materials or to make out bills after calculations have been made by another person. May include typing of stencils, mats, or similar materials for use in duplicating processes. May do clerical work involving little special training, such as keeping simple records, filing records and reports, or sorting and distributing incoming mail.

Class A. Performs one or more of the following: Typing material in final form when it involves combining material from several sources; or responsibility for correct spelling, syllabication, punctuation, etc., of technical or unusual words or foreign language material; or planning layout and typing of complicated statistical tables to maintain uniformity and balance in spacing. May type routine form letters, varying details to suit circumstances.

Class B. Performs one or more of the following: Copy typing from rough or clear drafts; or routine typing of forms, insurance policies, etc.; or setting up simple standard tabulations; or copying more complex tables already set up and spaced properly.

FILE CLERK

Files, classifies, and retrieves material in an established filing system. May perform clerical and manual tasks required to maintain files. Positions are classified into levels on the basis of the following definitions.

Class A. Classifies and indexes file material such as correspondence, reports, technical documents, etc., in an established filing system containing a number of varied subject matter files. May also file this material. May keep records of various types in conjunction with the files. May lead a small group of lower level file clerks.

Class B. Sorts, codes, and files unclassified material by simple (subject matter) headings or partly classified material by finer subheadings. Prepares simple related index and cross-reference aids. As requested, locates clearly identified material in files and forwards material. May perform related clerical tasks required to maintain and service files.

Class C. Performs routine filing of material that has already been classified or which is easily classified in a simple serial classification system (e.g., alphabetical, chronological, or numerical). As requested, locates readily available material in files and forwards materials; and may fill out withdrawal charge. May perform simple clerical and manual tasks required to maintain and service files.

MESSENGER

Performs various routine duties such as running errands, operating minor office machines such as sealers or mailers, opening and distributing mail, and other minor clerical work. Exclude positions that require operation of a motor vehicle as a significant duty.

SWITCHBOARD OPERATOR

Operates a telephone switchboard or console used with a private branch exchange (PBX) system to relay incoming, outgoing, and intrasystem calls. May provide information to callers, record and transmit messages, keep record of calls placed and toll charges. Besides operating a telephone switchboard or console, may also type or perform routine clerical work (typing or routine clerical work may occupy the major portion of the worker's time, and is usually performed while at the switchboard or console). Chief or lead operators in establishments employing more than one operator are excluded. For an operator who also acts as a receptionist, see Switchboard Operator-Receptionist.

SWITCHBOARD OPERATOR-RECEPTIONIST

At a single-position telephone switchboard or console, acts both as an operator—see Switchboard Operator—and as a receptionist. Receptionist's work involves such duties as greeting visitors; determining nature of visitor's business and providing appropriate information; referring visitor to appropriate person in the organization or contacting that person by telephone and arranging an appointment; keeping a log of visitors.

ORDER CLERK

Receives customers' orders for material or merchandise by mail, phone, or personally. Duties involve any combination of the following: Quoting prices to customers; making out an order sheet listing the items to make up the order; checking prices and quantities of items on order sheet; and distributing order sheets to respective departments to be filled. May check with credit department to determine credit rating of customer, acknowledge receipt of orders from customers, follow up orders to see that they have been filled, keep file of orders received, and check shipping invoices with original orders.

ACCOUNTING CLERK

Performs one or more accounting clerical tasks such as posting to registers and ledgers; reconciling bank accounts; verifying the internal consistency, completeness, and mathematical accuracy of accounting documents; assigning prescribed accounting distribution codes; examining and verifying for clerical accuracy various types of reports, lists, calculations, posting, etc.; or preparing simple or assisting in preparing more complicated journal vouchers. May work in either a manual or automated accounting system.

The work requires a knowledge of clerical methods and office practices and procedures which relates to the clerical processing and recording of transactions and accounting information. With experience, the worker typically becomes familiar with the bookkeeping and accounting terms and procedures used in the assigned work, but is not required to have a knowledge of the formal principles of bookkeeping and accounting.

Positions are classified into levels on the basis of the following definitions:

Class A. Under general supervision, performs accounting clerical operations which require the application of experience and judgment, for example, clerically processing complicated or nonrepetitive accounting transactions, selecting among a substantial variety of prescribed accounting codes and classifications, or tracing transactions through previous accounting actions to determine source of discrepancies. May be assisted by one or more class B accounting clerks.

Class B. Under close supervision, following detailed instructions and standardized procedures, performs one or more routine accounting clerical operations, such as posting to ledgers, cards, or worksheets where identification of items and locations of postings are clearly indicated; checking accuracy and completeness of standardized and repetitive records or accounting documents; and coding documents using a few prescribed accounting codes.

BOOKKEEPING-MACHINE OPERATOR

Operates a bookkeeping machine (with or without a typewriter keyboard) to keep a record of business transactions.

Class A. Keeps a set of records requiring a knowledge of and experience in basic bookkeeping principles, and familiarity with the structure of the particular accounting system used. Determines proper records and distribution of debit and credit items to be used in each phase of the work. May prepare consolidated reports, balance sheets, and other records by hand.

Class B. Keeps a record of one or more phases or sections of a set of records usually requiring little knowledge of basic bookkeeping. Phases or sections include accounts payable, payroll, customers' accounts (not including a simple type of billing described under machine biller), cost distribution, expense distribution, inventory control, etc. May check or assist in preparation of trial balances and prepare control sheets for the accounting department.

MACHINE BILLER

Prepares statements, bills, and invoices on a machine other than an ordinary or electromatic typewriter. May also keep records as to billings or shipping charges or perform other clerical work incidental to billing operations. For wage study purposes, machine billers are classified by type of machine, as follows:

Billing-machine biller. Uses a special billing machine (combination typing and adding machine) to prepare bills and invoices from customers' purchase orders, internally prepared orders, shipping memoranda, etc. Usually involves application of predetermined discounts and shipping charges and entry of necessary extensions, which may or may not be computed on the billing machine, and totals which are automatically accumulated by machine. The operation usually involves a large number of carbon copies of the bill being prepared and is often done on a fanfold machine.

Bookkeeping-machine biller. Uses a bookkeeping machine (with or without a typewriter keyboard) to prepare customers' bills as part of the accounts receivable operation. Generally involves the simultaneous entry of figures on customers' ledger record. The machine automatically accumulates figures on a number of vertical columns and computes and usually prints automatically the debit or credit balances. Does not involve a knowledge of bookkeeping. Works from uniform and standard types of sales and credit slips.

PAYROLL CLERK

Computes wages of company employees and enters the necessary data on the payroll sheets. Duties involve: Calculating workers' earnings based on time or production records; and posting calculated data on payroll sheet, showing information such as worker's name, working days, time, rate, deductions for insurance, and total wages due. May make out paychecks and assist paymaster in picking up and distributing pay envelopes. May use a calculating machine.

KEYPUNCH OPERATOR

Operates a keypunch machine to record or verify alphabetic and/or numeric data on tabulating cards or on tape.

Positions are classified into levels on the basis of the following definitions.

Class A. Work requires the application of experience and judgment in selecting procedures to be followed and in searching for, interpreting, selecting, or coding items to be keypunched from a variety of source documents. On occasion may also perform some routine keypunch work. May train inexperienced keypunch operators.

Class B. Work is routine and repetitive. Under close supervision or following specific procedures or instructions, works from various standardized source documents which have been coded, and follows specified procedures which have been prescribed in detail and require little or no selecting, coding, or interpreting of data to be recorded. Refers to supervisor problems arising from erroneous items or codes or missing information.

TABULATING-MACHINE OPERATOR

Operates one or a variety of machines such as the tabulator, calculator, collator, interpreter, sorter, reproducing punch, etc. Excluded from this definition are working supervisors. Also excluded are operators of electronic digital computers, even though they may also operate electric accounting machine equipment.

Positions are classified into levels on the basis of the following definitions.

Class A. Performs complete reporting and tabulating assignments including devising difficult control panel wiring under general supervision. Assignments typically involve a variety of long and complex reports which often are irregular or nonrecurring, requiring some planning of the nature and sequencing of operations, and the use of a variety of machines. Is

TABULATING-MACHINE OPERATOR—Continued

typically involved in training new operators in machine operations or training lower level operators in wiring from diagrams and in the operating sequences of long and complex reports. Does not include positions in which wiring responsibility is limited to selection and insertion of prewired boards.

Class B. Performs work according to established procedures and under specific instructions. Assignments typically involve complete but routine and recurring reports or parts of larger and more complex reports. Operates more difficult tabulating or electrical accounting machines such as

Professional and Technical

COMPUTER SYSTEMS ANALYST, BUSINESS

Analyzes business problems to formulate procedures for solving them by use of electronic data processing equipment. Develops a complete description of all specifications needed to enable programmers to prepare required digital computer programs. Work involves most of the following: Analyzes subject-matter operations to be automated and identifies conditions and criteria required to achieve satisfactory results; specifies number and types of records, files, and documents to be used; outlines actions to be performed by personnel and computers in sufficient detail for presentation to management and for programming (typically this involves preparation of work and data flow charts); coordinates the development of test problems and participates in trial runs of new and revised systems; and recommends equipment changes to obtain more effective overall operations. (NOTE: Workers performing both systems analysis and programming should be classified as systems analysts if this is the skill used to determine their pay.)

Does not include employees primarily responsible for the management or supervision of other electronic data processing employees, or systems analysts primarily concerned with scientific or engineering problems.

For wage study purposes, systems analysts are classified as follows:

Class A. Works independently or under only general direction on complex problems involving all phases of system analysis. Problems are complex because of diverse sources of input data and multiple-use requirements of output data. (For example, develops an integrated production scheduling, inventory control, cost analysis, and sales analysis record in which every item of each type is automatically processed through the full system of records and appropriate followup actions are initiated by the computer.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of new or revised systems of data processing operations. Makes recommendations, if needed, for approval of major systems installations or changes and for obtaining equipment.

May provide functional direction to lower level systems analysts who are assigned to assist.

Class B. Works independently or under only general direction on problems that are relatively uncomplicated to analyze, plan, program, and operate. Problems are of limited complexity because sources of input data are homogeneous and the output data are closely related. (For example,

TABULATING-MACHINE OPERATOR—Continued

the tabulator and calculator, in addition to the simpler machines used by class C operators. May be required to do some wiring from diagrams. May train new employees in basic machine operations.

Class C. Under specific instructions, operates simple tabulating or electrical accounting machines such as the sorter, interpreter, reproducing punch, collator, etc. Assignments typically involve portions of a work unit, for example, individual sorting or collating runs, or repetitive operations. May perform simple wiring from diagrams, and do some filing work.

COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

develops systems for maintaining depositor accounts in a bank, maintaining accounts receivable in a retail establishment, or maintaining inventory accounts in a manufacturing or wholesale establishment.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of the data processing systems to be applied.

OR

Works on a segment of a complex data processing scheme or system, as described for class A. Works independently on routine assignments and receives instruction and guidance on complex assignments. Work is reviewed for accuracy of judgment, compliance with instructions, and to insure proper alignment with the overall system.

Class C. Works under immediate supervision, carrying out analyses as assigned, usually of a single activity. Assignments are designed to develop and expand practical experience in the application of procedures and skills required for systems analysis work. For example, may assist a higher level systems analyst by preparing the detailed specifications required by programmers from information developed by the higher level analyst.

COMPUTER PROGRAMMER, BUSINESS

Converts statements of business problems, typically prepared by a systems analyst, into a sequence of detailed instructions which are required to solve the problems by automatic data processing equipment. Working from charts or diagrams, the programmer develops the precise instructions which, when entered into the computer system in coded language, cause the manipulation of data to achieve desired results. Work involves most of the following: Applies knowledge of computer capabilities, mathematics, logic employed by computers, and particular subject matter involved to analyze charts and diagrams of the problem to be programmed; develops sequence of program steps; writes detailed flow charts to show order in which data will be processed; converts these charts to coded instructions for machine to follow; tests and corrects programs; prepares instructions for operating personnel during production run; analyzes, reviews, and alters programs to increase operating efficiency or adapt to new requirements; maintains records of program development and revisions. (NOTE: Workers performing both systems analysis and programming should be classified as systems analysts if this is the skill used to determine their pay.)

COMPUTER PROGRAMMER, BUSINESS—Continued

Does not include employees primarily responsible for the management or supervision of other electronic data processing employees, or programmers primarily concerned with scientific and/or engineering problems.

For wage study purposes, programmers are classified as follows:

Class A. Works independently or under only general direction on complex problems which require competence in all phases of programming concepts and practices. Working from diagrams and charts which identify the nature of desired results, major processing steps to be accomplished, and the relationships between various steps of the problem solving routine; plans the full range of programming actions needed to efficiently utilize the computer system in achieving desired end products.

At this level, programming is difficult because computer equipment must be organized to produce several interrelated but diverse products from numerous and diverse data elements. A wide variety and extensive number of internal processing actions must occur. This requires such actions as development of common operations which can be reused, establishment of linkage points between operations, adjustments to data when program requirements exceed computer storage capacity, and substantial manipulation and resequencing of data elements to form a highly integrated program.

May provide functional direction to lower level programmers who are assigned to assist.

Class B. Works independently or under only general direction on relatively simple programs, or on simple segments of complex programs. Programs (or segments) usually process information to produce data in two or three varied sequences or formats. Reports and listings are produced by refining, adapting, arraying, or making minor additions to or deletions from input data which are readily available. While numerous records may be processed, the data have been refined in prior actions so that the accuracy and sequencing of data can be tested by using a few routine checks. Typically, the program deals with routine recordkeeping operations.

OR

Works on complex programs (as described for class A) under close direction of a higher level programmer or supervisor. May assist higher level programmer by independently performing less difficult tasks assigned, and performing more difficult tasks under fairly close direction.

May guide or instruct lower level programmers.

Class C. Makes practical applications of programming practices and concepts usually learned in formal training courses. Assignments are designed to develop competence in the application of standard procedures to routine problems. Receives close supervision on new aspects of assignments; and work is reviewed to verify its accuracy and conformance with required procedures.

COMPUTER OPERATOR

Monitors and operates the control console of a digital computer to process data according to operating instructions, usually prepared by a programmer. Work includes most of the following: Studies instructions to determine equipment setup and operations; loads equipment with required items (tape reels, cards, etc.); switches necessary auxiliary equipment into circuit, and starts and operates computer; makes adjustments to computer to correct operating problems and meet special conditions; reviews errors made during operation and determines cause or refers problem to supervisor or programmer; and maintains operating records. May test and assist in correcting program.

For wage study purposes, computer operators are classified as follows:

Class A. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: New programs are frequently tested and introduced; scheduling requirements are of critical importance to minimize downtime; the programs are of complex design so that identification of error source often requires a working knowledge of the total program, and alternate programs may not be available. May give direction and guidance to lower level operators.

Class B. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: Most of the programs are established production runs, typically run on a regularly recurring basis; there is little or no testing of new programs required; alternate programs are provided in case original program needs major change or cannot be corrected within a reasonably short time. In common error situations, diagnoses cause and takes corrective action. This usually involves applying previously programmed corrective steps, or using standard correction techniques.

OR

Operates under direct supervision a computer running programs or segments of programs with the characteristics described for class A. May assist a higher level operator by independently performing less difficult tasks assigned, and performing difficult tasks following detailed instructions and with frequent review of operations performed.

Class C. Works on routine programs under close supervision. Is expected to develop working knowledge of the computer equipment used and ability to detect problems involved in running routine programs. Usually has received some formal training in computer operation. May assist higher level operator on complex programs.

DRAFTER

Class A. Plans the graphic presentation of complex items having distinctive design features that differ significantly from established drafting precedents. Works in close support with the design originator, and may recommend minor design changes. Analyzes the effect of each change on the details of form, function, and positional relationships of components and parts. Works with a minimum of supervisory assistance. Completed work is reviewed by design originator for consistency with prior engineering determinations. May either prepare drawings or direct their preparation by lower level drafters.

Class B. Performs nonroutine and complex drafting assignments that require the application of most of the standardized drawing techniques regularly used. Duties typically involve such work as: Prepares working drawings of subassemblies with irregular shapes, multiple functions, and precise positional relationships between components; prepares architectural drawings for construction of a building including detail drawings of foundations, wall sections, floor plans, and roof. Uses accepted formulas and manuals in making necessary computations to determine quantities of materials to be used, load capacities, strengths, stresses, etc. Receives initial instructions, requirements, and advice from supervisor. Completed work is checked for technical adequacy.

Class C. Prepares detail drawings of single units or parts for engineering, construction, manufacturing, or repair purposes. Types of drawings prepared include isometric projections (depicting three dimensions in accurate scale) and sectional views to clarify positioning of components and convey needed information. Consolidates details from a number of sources and adjusts or transposes scale as required. Suggested methods of approach, applicable precedents, and advice on source materials are given with initial assignments. Instructions are less complete when assignments recur. Work may be spot-checked during progress.

DRAFTER-TRACER

Copies plans and drawings prepared by others by placing tracing cloth or paper over drawings and tracing with pen or pencil. (Does not include tracing limited to plans primarily consisting of straight lines and a large scale not requiring close delineation.)

AND/OR

Prepares simple or repetitive drawings of easily visualized items. Work is closely supervised during progress.

ELECTRONICS TECHNICIAN

Works on various types of electronic equipment and related devices by performing one or a combination of the following: Installing, maintaining, repairing, overhauling, troubleshooting, modifying, constructing, and testing. Work requires practical application of technical knowledge of electronics principles, ability to determine malfunctions, and skill to put equipment in required operating condition.

The equipment—consisting of either many different kinds of circuits or multiple repetition of the same kind of circuit—includes, but is not limited to, the following: (a) Electronic transmitting and receiving equipment (e.g., radar, radio, television, telephone, sonar, navigational aids), (b) digital and analog computers, and (c) industrial and medical measuring and controlling equipment.

This classification excludes repairers of such standard electronic equipment as common office machines and household radio and television sets; production assemblers and testers; workers whose primary duty is servicing electronic test instruments; technicians who have administrative or supervisory responsibility; and drafters, designers, and professional engineers.

Positions are classified into levels on the basis of the following definitions.

Class A. Applies advanced technical knowledge to solve unusually complex problems (i.e., those that typically cannot be solved solely by reference to manufacturers' manuals or similar documents) in working on electronic equipment. Examples of such problems include location and density of circuitry, electromagnetic radiation, isolating malfunctions, and frequent engineering changes. Work involves: A detailed understanding of the interrelationships of circuits; exercising independent judgment in performing such tasks as making circuit analyses, calculating wave forms, tracing relationships in signal flow; and regularly using complex test instruments (e.g., dual trace oscilloscopes, Q-meters, deviation meters, pulse generators).

Work may be reviewed by supervisor (frequently an engineer or designer) for general compliance with accepted practices. May provide technical guidance to lower level technicians.

Class B. Applies comprehensive technical knowledge to solve complex problems (i.e., those that typically can be solved solely by properly interpreting manufacturers' manuals or similar documents) in working on electronic equipment. Work involves: A familiarity with the interrelationships of circuits; and judgment in determining work sequence and in selecting tools and testing instruments, usually less complex than those used by the class A technician.

Receives technical guidance, as required, from supervisor or higher level technician, and work is reviewed for specific compliance with accepted practices and work assignments. May provide technical guidance to lower level technicians.

Class C. Applies working technical knowledge to perform simple or routine tasks in working on electronic equipment, following detailed instructions which cover virtually all procedures. Work typically involves such tasks as: Assisting higher level technicians by performing such activities as replacing components, wiring circuits, and taking test readings; repairing simple electronic equipment; and using tools and common test instruments (e.g., multimeters, audio signal generators, tube testers, oscilloscopes). Is not required to be familiar with the interrelationships of circuits. This knowledge, however, may be acquired through assignments designed to increase competence (including classroom training) so that worker can advance to higher level technician.

Receives technical guidance, as required, from supervisor or higher level technician. Work is typically spot checked, but is given detailed review when new or advanced assignments are involved.

A registered nurse who gives nursing service under general medical direction to ill or injured employees or other persons who become ill or suffer an accident on the premises of a factory or other establishment. Duties involve a combination of the following: Giving first aid to the ill or injured; attending to subsequent dressing of employees' injuries; keeping records of patients treated; preparing accident reports for compensation or

Maintenance, Toolroom, and Powerplant

MAINTENANCE CARPENTER

Performs the carpentry duties necessary to construct and maintain in good repair building woodwork and equipment such as bins, cribs, counters, benches, partitions, doors, floors, stairs, casings, and trim made of wood in an establishment. Work involves most of the following: Planning and laying out of work from blueprints, drawings, models, or verbal instructions; using a variety of carpenter's handtools, portable power tools, and standard measuring instruments; making standard shop computations relating to dimensions of work; and selecting materials necessary for the work. In general, the work of the maintenance carpenter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MAINTENANCE ELECTRICIAN

Performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generation, distribution, or utilization of electric energy in an establishment. Work involves most of the following: Installing or repairing any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blueprints, drawings, layouts, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; and using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MAINTENANCE PAINTER

Paints and redecorates walls, woodwork, and fixtures of an establishment. Work involves the following: Knowledge of surface peculiarities and types of paint required for different applications; preparing surface for painting by removing old finish or by placing putty or filler in nail holes and interstices; and applying paint with spray gun or brush. May mix colors, oils, white lead, and other paint ingredients to obtain proper color or consistency. In general, the work of the maintenance painter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

other purposes; assisting in physical examinations and health evaluations of applicants and employees; and planning and carrying out programs involving health education, accident prevention, evaluation of plant environment, or other activities affecting the health, welfare, and safety of all personnel. Nursing supervisors or head nurses in establishments employing more than one nurse are excluded.

MAINTENANCE MACHINIST

Produces replacement parts and new parts in making repairs of metal parts of mechanical equipment operated in an establishment. Work involves most of the following: Interpreting written instructions and specifications; planning and laying out of work; using a variety of machinist's handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds, and speeds of machining; knowledge of the working properties of the common metals; selecting standard materials, parts, and equipment required for this work; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice usually acquired through a formal apprenticeship or equivalent training and experience.

MAINTENANCE MECHANIC (Machinery)

Repairs machinery or mechanical equipment of an establishment. Work involves most of the following: Examining machines and mechanical equipment to diagnose source of trouble; dismantling or partly dismantling machines and performing repairs that mainly involve the use of handtools in scraping and fitting parts; replacing broken or defective parts with items obtained from stock; ordering the production of a replacement part by a machine shop or sending the machine to a machine shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from machine shops; reassembling machines; and making all necessary adjustments for operation. In general, the work of a machinery maintenance mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Excluded from this classification are workers whose primary duties involve setting up or adjusting machines.

MAINTENANCE MECHANIC (Motor Vehicles)

Repairs automobiles, buses, motortrucks, and tractors of an establishment. Work involves most of the following: Examining automotive equipment to diagnose source of trouble; disassembling equipment and performing repairs that involve the use of such handtools as wrenches, gauges, drills, or specialized equipment in disassembling or fitting parts; replacing broken or defective parts from stock; grinding and adjusting valves; reassembling and installing the various assemblies in the vehicle and making necessary adjustments; and aligning wheels, adjusting brakes and lights, or tightening body bolts. In general, the work of the motor vehicle maintenance mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MAINTENANCE MECHANIC (Motor Vehicles)—Continued

This classification does not include mechanics who repair customers' vehicles in automobile repair shops.

MAINTENANCE PIPEFITTER

Installs or repairs water, steam, gas, or other types of pipe and pipefittings in an establishment. Work involves most of the following: Laying out work and measuring to locate position of pipe from drawings or other written specifications; cutting various sizes of pipe to correct lengths with chisel and hammer or oxyacetylene torch or pipe-cutting machines; threading pipe with stocks and dies; bending pipe by hand-driven or power-driven machines; assembling pipe with couplings and fastening pipe to hangers; making standard shop computations relating to pressures, flow, and size of pipe required; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the maintenance pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.

MAINTENANCE SHEET-METAL WORKER

Fabricates, installs, and maintains in good repair the sheet-metal equipment and fixtures (such as machine guards, grease pans, shelves, lockers, tanks, ventilators, chutes, ducts, metal roofing) of an establishment. Work involves most of the following: Planning and laying out all types of sheet-metal maintenance work from blueprints, models, or other specifications; setting up and operating all available types of sheet-metal working machines; using a variety of handtools in cutting, bending, forming, shaping, fitting, and assembling; and installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MILLWRIGHT

Installs new machines or heavy equipment, and dismantles and installs machines or heavy equipment when changes in the plant layout are required. Work involves most of the following: Planning and laying out work; interpreting blueprints or other specifications; using a variety of handtools and rigging; making standard shop computations relating to stresses, strength of materials, and centers of gravity; aligning and balancing equipment; selecting standard tools, equipment, and parts to be used; and installing and maintaining in good order power transmission equipment such as drives and speed reducers. In general, the millwright's work normally requires a rounded training and experience in the trade acquired through a formal apprenticeship or equivalent training and experience.

MAINTENANCE TRADES HELPER

Assists one or more workers in the skilled maintenance trades, by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting journeyman by holding materials or tools; and performing other unskilled tasks as directed by journeyman. The kind of work

MAINTENANCE TRADES HELPER—Continued

the helper is permitted to perform varies from trade to trade: In some trades the helper is confined to supplying, lifting, and holding materials and tools, and cleaning working areas; and in others he is permitted to perform specialized machine operations, or parts of a trade that are also performed by workers on a full-time basis.

MACHINE-TOOL OPERATOR (TOOLROOM)

Specializes in operating one or more than one type of machine tool (e.g., jig borer, grinding machine, engine lathe, milling machine) to machine metal for use in making or maintaining jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: Planning and performing difficult machining operations which require complicated setups or a high degree of accuracy; setting up machine tool or tools (e.g., install cutting tools and adjust guides, stops, working tables, and other controls to handle the size of stock to be machined; determine proper feeds, speeds, tooling, and operation sequence or select those prescribed in drawings, blueprints, or layouts); using a variety of precision measuring instruments; making necessary adjustments during machining operation to achieve requisite dimensions to very close tolerances. May be required to select proper coolants and cutting and lubricating oils, to recognize when tools need dressing, and to dress tools. In general, the work of a machine-tool operator (toolroom) at the skill level called for in this classification requires extensive knowledge of machine-shop and toolroom practice usually acquired through considerable on-the-job training and experience.

For cross-industry wage study purposes, this classification does not include machine-tool operators (toolroom) employed in tool and die jobbing shops.

TOOL AND DIE MAKER

Constructs and repairs jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: Planning and laying out work according to models, blueprints, drawings, or other written or oral specifications; understanding the working properties of common metals and alloys; selecting appropriate materials, tools, and processes required to complete task; making necessary shop computations; setting up and operating various machine tools and related equipment; using various tool and die maker's handtools and precision measuring instruments; working to very close tolerances; heat-treating metal parts and finished tools and dies to achieve required qualities; fitting and assembling parts to prescribed tolerances and allowances. In general, the tool and die maker's work requires rounded training in machine-shop and toolroom practice usually acquired through formal apprenticeship or equivalent training and experience.

For cross-industry wage study purposes, this classification does not include tool and die makers who (1) are employed in tool and die jobbing shops or (2) produce forging dies (die sinkers).

STATIONARY ENGINEER

Operates and maintains and may also supervise the operation of stationary engines and equipment (mechanical or electrical) to supply the establishment in which employed with power, heat, refrigeration, or air-conditioning. Work involves: Operating and maintaining equipment such as steam engines, air compressors, generators, motors, turbines, ventilating and refrigerating equipment, steam boilers and boiler-fed water pumps; making equipment repairs; and keeping a record of operation of machinery, temperature, and fuel consumption. May also supervise these operations.

Material Movement and Custodial

TRUCKDRIVER

Drives a truck within a city or industrial area to transport materials, merchandise, equipment, or workers between various types of establishments such as: Manufacturing plants, freight depots, warehouses, wholesale and retail establishments, or between retail establishments and customers' houses or places of business. May also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order. Salesroute and over-the-road drivers are excluded.

For wage study purposes, truckdrivers are classified by size and type of equipment, as follows: (Tractor-trailer should be rated on the basis of trailer capacity.)

- Truckdriver, light truck (under 1½ tons)
- Truckdriver, medium truck (1½ to and including 4 tons)
- Truckdriver, heavy truck (trailer) (over 4 tons)
- Truckdriver, heavy truck (other than trailer) (over 4 tons)

SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming shipments of merchandise or other materials. Shipping work involves: A knowledge of shipping procedures, practices, routes, available means of transportation, and rates; and preparing records of the goods shipped, making up bills of lading, posting weight and shipping charges, and keeping a file of shipping records. May direct or assist in preparing the merchandise for shipment. Receiving work involves: Verifying or directing others in verifying the correctness of shipments against bills of lading, invoices, or other records; checking for shortages and rejecting damaged goods; routing merchandise or materials to proper departments; and maintaining necessary records and files.

For wage study purposes, workers are classified as follows:

- Shipping clerk
- Receiving clerk
- Shipping and receiving clerk

STATIONARY ENGINEER—Continued

Head or chief engineers in establishments employing more than one engineer are excluded.

BOILER TENDER

Fires stationary boilers to furnish the establishment in which employed with heat, power, or steam. Feeds fuels to fire by hand or operates a mechanical stoker, gas, or oil burner; and checks water and safety valves. May clean, oil, or assist in repairing boilerroom equipment.

WAREHOUSEMAN

As directed, performs a variety of warehousing duties which require an understanding of the establishment's storage plan. Work involves most of the following: Verifying materials (or merchandise) against receiving documents, noting and reporting discrepancies and obvious damages; routing materials to prescribed storage locations; storing, stacking, or palletizing materials in accordance with prescribed storage methods; rearranging and taking inventory of stored materials; examining stored materials and reporting deterioration and damage; removing material from storage and preparing it for shipment. May operate hand or power trucks in performing warehousing duties.

Exclude workers whose primary duties involve shipping and receiving work (see Shipping and Receiving Clerk and Shipping Packer), order filling (see Order Filler), or operating power trucks (see Power-Truck Operator).

ORDER FILLER

Fills shipping or transfer orders for finished goods from stored merchandise in accordance with specifications on sales slips, customers' orders, or other instructions. May, in addition to filling orders and indicating items filled or omitted, keep records of outgoing orders, requisition additional stock or report short supplies to supervisor, and perform other related duties.

SHIPPING PACKER

Prepares finished products for shipment or storage by placing them in shipping containers, the specific operations performed being dependent upon the type, size, and number of units to be packed, the type of container employed, and method of shipment. Work requires the placing of items in shipping containers and may involve one or more of the following: Knowledge of various items of stock in order to verify content; selection of appropriate type and size of container; inserting enclosures in container; using excelsior or other material to prevent breakage or damage; closing and sealing container; and applying labels or entering identifying data on container. Packers who also make wooden boxes or crates are excluded.

MATERIAL HANDLING LABORER

A worker employed in a warehouse, manufacturing plant, store, or other establishment whose duties involve one or more of the following: Loading and unloading various materials and merchandise on or from freight cars, trucks, or other transporting devices; unpacking, shelving, or placing materials or merchandise in proper storage location; and transporting materials or merchandise by handtruck, car, or wheelbarrow. Longshore workers, who load and unload ships, are excluded.

POWER-TRUCK OPERATOR

Operates a manually controlled gasoline- or electric-powered truck or tractor to transport goods and materials of all kinds about a warehouse, manufacturing plant, or other establishment.

For wage study purposes, workers are classified by type of power-truck, as follows:

Forklift operator

Power-truck operator (other than forklift)

GUARD AND WATCHMAN

Guard. Performs routine police duties, either at fixed post or on tour, maintaining order, using arms or force where necessary. Includes guards who are stationed at gate and check on identity of employees and other persons entering.

Watchman. Makes rounds of premises periodically in protecting property against fire, theft, and illegal entry.

JANITOR, PORTER, OR CLEANER

Cleans and keeps in an orderly condition factory working areas and washrooms, or premises of an office, apartment house, or commercial or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing, and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; and cleaning lavatories, showers, and restrooms. Workers who specialize in window washing are excluded.

Service Contract Act Surveys

The following areas are surveyed periodically for use in administering the Service Contract Act of 1965. Survey results are published in releases which are available, at no cost, while supplies last from any of the BLS regional offices shown on the back cover.

Alaska (statewide)
Albany, Ga.
Alexandria, La.
Alpena, Standish, and
Tawas City, Mich.
Asheville, N.C.
Atlantic City, N.J.
Augusta, Ga.—S.C.
Austin, Tex.
Bakersfield, Calif.
Baton Rouge, La.
Battle Creek, Mich.
Beaumont—Port Arthur—
Orange, Tex.
Biloxi—Gulfport and
Pascagoula, Miss.
Bremerton, Wash.
Bridgeport, Norwalk, and
Stamford, Conn.
Brunswick, Ga.
Cedar Rapids, Iowa
Champaign—Urbana—Rantoul, Ill.
Charleston, S.C.
Cheyenne, Wyo.
Clarksville—Hopkinsville, Tenn.—Ky.
Colorado Springs, Colo.
Columbia, S.C.
Columbus, Miss.
Crane, Ind.
Decatur, Ill.
Des Moines, Iowa
Dothan, Ala.
Duluth—Superior, Minn.—Wis.
El Paso, Tex., and Alamogordo—Las
Cruces, N. Mex.
Eugene—Springfield and Medford—
Klamath Falls—Grants Pass—
Roseburg, Oreg.
Fayetteville, N.C.
Fitchburg—Leominster, Mass.

Fort Riley—Junction City, Kans.
Fort Smith, Ark.—Okla.
Fort Wayne, Ind.
Frederick—Hagerstown—
Chambersburg, Md.—Pa.
Gadsden and Anniston, Ala.
Goldsboro, N.C.
Grand Island—Hastings, Nebr.
Guam, Territory of
Harrisburg—Lebanon, Pa.
La Crosse, Wis.
Laredo, Tex.
Lawton, Okla.
Lexington—Fayette, Ky.
Lima, Ohio
Logansport—Peru, Ind.
Lower Eastern Shore, Md.—Va.—Del.
Macon, Ga.
Madison, Wis.
Maine (statewide)
McAllen—Pharr—Edinburg and
Brownsville—Harlingen—
San Benito, Tex.
Meridian, Miss.
Middlesex, Monmouth, and
Ocean Cos., N.J.
Mobile and Pensacola, Ala.—Fla.
Montana (statewide)
Nashville—Davidson, Tenn.
New Bern—Jacksonville, N.C.
New Hampshire (statewide)
New London—Norwich, Conn.—R.I.
North Dakota (statewide)
Northern New York
Orlando, Fla.
Oxnard—Simi Valley—Ventura, Calif.
Phoenix, Ariz.
Pine Bluff, Ark.
Pueblo, Colo.
Puerto Rico
Raleigh—Durham, N.C.
Reno, Nev.
Riverside—San Bernardino—
Ontario, Calif.
Salina, Kans.
Salinas—Seaside—Monterey, Calif.
Sandusky, Ohio
Santa Barbara—Santa Maria—
Lompoc, Calif.

Savannah, Ga.
Selma, Ala.
Sherman—Denison, Tex.
Shreveport, La.
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Southern Idaho
Southwestern Virginia
Springfield, Ill.
Springfield—Chicopee—Holyoke,
Mass.—Conn.
Stockton, Calif.
Tacoma, Wash.
Tampa—St. Petersburg, Fla.
Topeka, Kans.
Tulsa, Okla.
Upper Peninsula, Mich.
Vallejo—Fairfield—Napa, Calif.
Vermont (statewide)
Virgin Islands of the U.S.
Waco and Killeen—Temple, Tex.
Waterloo—Cedar Falls, Iowa
West Texas Plains
West Virginia (statewide)
Wilmington, Del.—N.J.—Md.
Yakima, Richland—Kennewick, and
Walla Walla—Pendleton,
Wash.—Oreg.

ALSO AVAILABLE—

An annual report on salaries for accountants, auditors, chief accountants, attorneys, job analysts, directors of personnel, buyers, chemists, engineers, engineering technicians, drafters, and clerical employees is available. Order as BLS Bulletin 1931, National Survey of Professional, Administrative, Technical and Clerical Pay, March 1976, \$1.35 a copy, from any of the BLS regional sales offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Area Wage Surveys

A list of the latest bulletins available is presented below. Bulletins may be purchased from any of the BLS regional offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Make checks payable to Superintendent of Documents. A directory of occupational wage surveys, covering the years 1950 through 1975, is available on request.

Area	Bulletin number and price*
Akron, Ohio, Dec. 1976 ¹	1900-76, 85 cents
Albany-Schenectady-Troy, N.Y., Sept. 1976	1900-59, 55 cents
Anaheim-Santa Ana-Garden Grove, Calif., Oct. 1976	1900-67, 75 cents
Atlanta, Ga., May 1977	1950-17, \$1.20
Baltimore, Md., Aug. 1977	1950-39, \$1.20
Billings, Mont., July 1977 ¹	1950-40, \$1.00
Birmingham, Ala., Mar. 1977	1950-8, 85 cents
Boston, Mass., Aug. 1977	1950-50, \$1.20
Buffalo, N.Y., Oct. 1976	1900-70, 75 cents
Canton, Ohio, May 1977 ¹	1950-28, \$1.10
Chattanooga, Tenn.-Ga., Sept. 1977	1950-44, 70 cents
Chicago, Ill., May 1977 ¹	1950-41, \$1.40
Cincinnati, Ohio-Ky.-Ind., July 1977 ¹	1950-45, \$1.20
Cleveland, Ohio, Sept. 1976	1900-62, 95 cents
Columbus, Ohio, Oct. 1976	1900-68, 75 cents
Corpus Christi, Tex., July 1977 ¹	1950-35, \$1.00
Dallas-Fort Worth, Tex., Oct. 1976	1900-63, 85 cents
Davenport-Rock Island-Moline, Iowa-Ill., Feb. 1977 ¹	1950-26, \$1.10
Dayton, Ohio, Dec. 1976	1900-78, 85 cents
Daytona Beach, Fla., Aug. 1977 ¹	1950-43, \$1.00
Denver-Boulder, Colo., Dec. 1976	1900-73, 85 cents
Detroit, Mich., Mar. 1977	1950-13, \$1.20
Fresno, Calif., June 1977	1950-30, 70 cents
Gainesville, Fla., Sept. 1977 ¹	1950-46, \$1.00
Green Bay, Wis., July 1977	1950-36, 70 cents
Greensboro-Winston-Salem-High Point, N.C., Aug. 1977 ¹	1950-42, \$1.10
Greenville-Spartanburg, S.C., June 1977	1950-33, 70 cents
Hartford, Conn., Mar. 1977	1950-9, 80 cents
Houston, Tex., Aug. 1977 ¹	1950-48, \$1.40
Huntsville, Ala., Feb. 1977 ¹	1950-4, \$1.40
Indianapolis, Ind., Oct. 1976	1900-58, 75 cents
Jackson, Miss., Jan. 1977 ¹	1950-2, \$1.50
Jacksonville, Fla., Dec. 1976 ¹	1900-80, 85 cents
Kansas City, Mo.-Kans., Sept. 1976 ¹	1900-60, \$1.05
Los Angeles-Long Beach, Calif., Oct. 1976	1900-77, 85 cents
Louisville, Ky.-Ind., Nov. 1976	1900-69, 55 cents
Memphis, Tenn.-Ark.-Miss., Nov. 1976 ¹	1900-75, 85 cents

Area	Bulletin number and price*
Miami, Fla., Oct. 1976	1900-66, 75 cents
Milwaukee, Wis., Apr. 1977	1950-14, \$1.10
Minneapolis-St. Paul, Minn.-Wis., Jan. 1977	1950-3, \$1.60
Nassau-Suffolk, N.Y., June 1977	1950-27, \$1.00
Newark, N.J., Jan. 1977	1950-7, \$1.60
New Orleans, La., Jan. 1977 ¹	1950-5, \$1.60
New York, N.Y.-N.J., May 1977	1950-31, \$1.20
Norfolk-Virginia Beach-Portsmouth, Va.-N.C., May 1977	1950-20, 70 cents
Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va.-N.C., May 1977	1950-21, 70 cents
Northeast Pennsylvania, Aug. 1977 ¹	1950-38, \$1.10
Oklahoma City, Okla., Aug. 1977 ¹	1950-49, \$1.10
Omaha, Nebr.-Iowa, Oct. 1976	1900-61, 55 cents
Paterson-Clifton-Passaic, N.J., June 1977	1950-34, 70 cents
Philadelphia, Pa.-N.J., Nov. 1976 ¹	1900-64, \$1.10
Pittsburgh, Pa., Jan. 1977	1950-1, \$1.50
Portland, Maine, Dec. 1976 ¹	1900-72, 85 cents
Portland, Oreg.-Wash., May 1977 ¹	1950-32, \$1.20
Poughkeepsie, N.Y., June 1977	1950-25, 70 cents
Poughkeepsie-Kingston-Newburgh, N.Y., June 1976	1900-55, 55 cents
Providence-Warwick-Pawtucket, R.I.-Mass., June 1977 ¹	1950-22, \$1.20
Richmond, Va., June 1977 ¹	1950-23, \$1.10
St. Louis, Mo.-Ill., Mar. 1977	1950-10, \$1.20
Sacramento, Calif., Dec. 1976	1900-71, 55 cents
Saginaw, Mich., Nov. 1976 ¹	1900-74, 75 cents
Salt Lake City-Ogden, Utah, Nov. 1976	1900-65, 55 cents
San Antonio, Tex., May 1977 ¹	1950-24, \$1.10
San Diego, Calif., Nov. 1976	1900-79, 55 cents
San Francisco-Oakland, Calif., Mar. 1977	1950-29, \$1.20
San Jose, Calif., Mar. 1977	1950-19, \$1.00
Seattle-Everett, Wash., Jan. 1977 ¹	1950-12, \$1.20
South Bend, Ind., Mar. 1976	1900-5, 55 cents
Syracuse, N.Y., July 1976	1900-44, 55 cents
Toledo, Ohio-Mich., May 1977	1950-18, 80 cents
Trenton, N.J., Sept. 1977	1950-47, 70 cents
Utica-Rome, N.Y., July 1977 ¹	1950-37, \$1.10
Washington, D.C.-Md.-Va., Mar. 1977	1950-11, \$1.20
Wichita, Kans., Apr. 1977 ¹	1950-16, \$1.10
Worcester, Mass., Apr. 1977	1950-15, 70 cents
York, Pa., Feb. 1977	1950-6, \$1.10

* Prices are determined by the Government Printing Office and are subject to change.

¹ Data on establishment practices and supplementary wage provisions are also presented.

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