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Area Wage Survey

Houston, Texas, Metropolitan Area April 1979



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Preface

This bulletin provides results of an April 1979 survey of occupational earnings in the Houston, Texas, 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 Dallas, Tex., under the general direction of Boyd B. O'Neal, 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 Houston area are available for the contract cleaning (July 1977), machinery manufacturing (January 1978), computer and data processing services (March 1978), and auto dealer repair shops (June 1978) industries, and on occupational earnings only, for the moving and storage industry (April 1979). A report on occupational earnings and supplementary wage provisions for municipal government workers is available for the city of Houston. 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

Houston, Texas Metropolitan Area April 1979



U.S. Department of Labor
Ray Marshall, Secretary
Bureau of Labor Statistics
Janet L. Norwood
Commissioner

August 1979

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Introduction

This area is 1 of 72 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, earnings data for selected occupations (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. The occupations are defined in Appendix B. For the 31 largest survey areas, tables A-10 through A-15 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.

Tables A-8 and A-9 provide for the first time measures of average pay relationships within establishments. These measures may differ considerably from the pay relationships of overall averages published in tables A-1 through A-6. See appendix A for details.

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 representatives to classify workers by occupation.

Earnings: All establishments

Table A-1. Weekly earnings of office workers, Houston, Tex., April 1979

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	\$ 110 and under	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ 420	\$ 440	\$ 460	\$ 480	\$ 500		
						120	130	140	150	160	170	180	190	200	210	220	240	260	280	300	320	340	360	380	400	over							
SECRETARIES -----	7,583	39.5	\$ 246.50	\$ 231.50	\$ 207.00-276.00	-	-	2	2	55	127	189	456	580	864	662	1233	1037	670	497	333	250	195	149	131	151	-	-	-	-	-	-	-
MANUFACTURING -----	1,470	40.0	250.50	230.50	207.00-277.50	-	-	-	-	5	19	24	83	117	151	116	292	168	131	112	52	56	37	40	25	42	-	-	-	-	-	-	-
NONMANUFACTURING -----	6,113	39.5	246.00	232.00	207.00-273.50	-	-	2	2	50	108	165	373	463	713	546	941	869	539	385	281	194	158	109	104	109	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	1,517	40.0	262.00	253.00	221.00-295.50	-	-	-	-	2	4	6	21	72	137	131	247	215	192	162	124	76	58	34	23	16	-	-	-	-	-	-	-
WHOLESALE TRADE -----	2,274	40.0	256.50	241.50	205.50-293.00	-	-	-	-	5	33	74	139	213	184	165	314	330	178	104	131	82	83	68	82	87	-	-	-	-	-	-	-
RETAIL TRADE -----	500	40.0	216.50	207.00	185.00-232.00	-	-	2	2	15	24	29	63	47	79	49	83	34	30	22	6	8	4	2	1	-	-	-	-	-	-	-	-
FINANCE -----	946	39.0	217.50	213.00	199.00-230.00	-	-	-	-	12	26	48	68	89	193	153	177	104	41	17	5	1	10	1	-	-	-	-	-	-	-	-	-
SERVICES -----	876	39.5	238.00	236.00	204.50-264.00	-	-	-	-	16	21	6	82	42	120	48	120	186	98	80	15	27	3	4	3	5	-	-	-	-	-	-	-
SECRETARIES, CLASS A -----	479	40.0	295.50	277.00	246.00-344.50	-	-	-	-	-	-	-	20	-	4	11	44	100	63	40	35	30	46	19	29	34	-	-	-	-	-	-	-
MANUFACTURING -----	76	40.0	303.00	282.00	259.00-344.50	-	-	-	-	-	-	-	-	-	-	-	4	20	8	13	4	6	11	2	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	403	40.0	294.50	276.00	244.50-344.50	-	-	-	-	-	-	-	20	-	4	11	44	80	55	27	31	24	35	17	29	26	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	48	40.0	331.50	321.50	276.50-365.00	-	-	-	-	-	-	-	-	-	-	-	-	1	12	3	8	3	7	3	7	4	-	-	-	-	-	-	-
WHOLESALE TRADE -----	233	40.0	300.50	267.00	241.50-357.00	-	-	-	-	-	-	-	-	-	-	-	9	42	62	13	2	17	17	18	13	22	20	-	-	-	-	-	-
RETAIL TRADE -----	60	40.0	239.50	239.50	184.00-278.50	-	-	-	-	-	-	-	-	20	-	4	2	4	3	15	6	3	3	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS B -----	1,459	39.5	277.50	268.00	232.50-310.50	-	-	-	-	-	-	19	10	11	68	50	282	225	194	158	146	113	56	37	29	61	-	-	-	-	-	-	-
MANUFACTURING -----	293	40.0	263.00	257.50	230.50-290.50	-	-	-	-	-	-	9	4	-	16	13	61	44	55	33	25	18	2	8	3	2	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,166	39.5	281.50	269.50	236.00-316.50	-	-	-	-	-	-	10	6	11	52	37	221	181	139	125	121	95	54	29	26	59	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	242	40.0	292.00	286.50	253.00-319.50	-	-	-	-	-	-	-	2	-	1	5	28	41	33	39	33	27	9	9	5	10	-	-	-	-	-	-	-
WHOLESALE TRADE -----	655	39.5	290.00	278.50	236.50-325.00	-	-	-	-	-	-	-	3	10	33	20	104	82	79	63	82	47	45	20	19	48	-	-	-	-	-	-	-
RETAIL TRADE -----	56	39.5	234.50	232.00	205.50-262.00	-	-	-	-	-	-	9	1	1	5	6	15	4	6	4	2	2	-	-	-	-	-	-	-	-	-	-	-
FINANCE -----	109	39.0	237.50	236.00	224.50-249.50	-	-	-	-	-	-	-	1	-	12	5	50	26	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	104	40.0	271.50	253.00	241.00-290.00	-	-	-	-	-	-	-	-	-	-	1	1	24	28	11	16	2	19	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS C -----	1,852	39.5	259.50	244.50	214.00-290.00	-	-	-	-	10	39	26	38	58	213	172	291	268	204	130	78	62	68	86	77	37	-	-	-	-	-	-	-
MANUFACTURING -----	502	40.0	262.00	241.50	220.00-290.00	-	-	-	-	-	12	-	7	20	41	28	136	61	44	46	13	19	14	24	22	15	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,350	39.5	258.50	246.00	213.00-290.00	-	-	-	-	10	27	26	31	38	172	144	155	207	160	84	65	43	44	62	50	22	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	243	40.0	293.50	279.50	256.50-339.50	-	-	-	-	-	-	1	1	1	22	2	8	28	60	20	22	20	27	22	7	2	-	-	-	-	-	-	-
WHOLESALE TRADE -----	545	39.5	271.00	256.00	215.50-318.00	-	-	-	-	-	18	1	27	11	31	74	46	79	60	33	32	18	20	35	41	19	-	-	-	-	-	-	-
RETAIL TRADE -----	152	40.0	229.00	214.00	207.00-241.00	-	-	-	-	-	9	-	2	10	39	24	27	15	6	10	1	3	4	2	-	-	-	-	-	-	-	-	-
FINANCE -----	236	38.5	223.00	228.50	207.00-247.50	-	-	-	-	10	-	24	-	10	41	23	53	52	17	6	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	174	40.0	246.50	235.50	209.50-276.00	-	-	-	-	-	-	-	-	1	6	39	21	21	33	17	15	10	2	3	3	2	1	-	-	-	-	-	-
SECRETARIES, CLASS D -----	1,920	40.0	224.00	217.50	195.50-240.00	-	-	-	2	22	42	84	226	199	250	242	368	188	117	65	38	34	20	6	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	327	40.0	244.00	224.50	201.50-265.50	-	-	-	-	-	-	2	29	50	29	50	56	27	13	17	8	13	10	6	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,593	40.0	220.00	215.50	194.50-236.00	-	-	-	2	22	42	82	197	149	221	192	312	161	104	48	30	21	10	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	405	40.0	255.50	247.50	230.00-280.50	-	-	-	-	-	-	-	10	2	6	46	112	87	40	41	30	21	10	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	475	40.0	210.50	205.00	187.50-229.50	-	-	-	-	4	8	51	80	51	67	46	97	42	23	6	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	134	40.0	200.00	195.00	182.50-216.00	-	-	-	2	2	6	17	17	29	17	13	21	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE -----	376	39.5	207.00	207.00	195.50-218.50	-	-	-	-	-	19	14	35	50	98	86	55	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	203	40.0	209.00	202.50	184.00-230.00	-	-	-	-	16	9	-	55	17	33	1	27	14	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS E -----	1,580	40.0	216.00	207.00	195.00-231.50	-	-	2	-	21	45	57	149	296	310	163	199	160	65	68	34	5	5	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	272	40.0	207.50	202.50	190.00-219.50	-	-	-	-	5	7	13	43	47	65	25	35	16	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,308	40.0	217.50	207.00	195.50-234.00	-	-	2	-	16	38	44	106	249	245	138	164	144	54	65	32	5	5	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	579	40.0	234.50	223.00	207.00-262.50	-	-	-	-	2	4	5	8	69	108	78	99	58	47	59	31	5	5										

Table A-1. Weekly earnings of office workers, Houston, Tex., April 1979—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	\$ 110 and under	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400						
						120	130	140	150	160	170	180	190	200	210	220	240	260	280	300	320	340	360	380	400	over	and					
STENOGRAPHERS - CONTINUED																																
STENOGRAPHERS, SENIOR -----	1,647	39.5	\$ 240.50	\$ 229.00	\$ 202.50-264.50	-	-	9	12	15	12	53	96	149	188	186	250	181	137	87	128	61	71	8	1	3						
MANUFACTURING -----	301	40.0	265.00	277.00	205.00-316.50	-	-	-	-	1	9	26	19	12	15	16	20	21	12	27	64	36	11	8	1	3						
NONMANUFACTURING -----	1,346	39.5	235.00	224.50	202.50-258.50	-	-	9	12	14	3	27	77	137	173	170	230	160	125	60	64	25	60	-	-	-						
PUBLIC UTILITIES -----	610	40.0	214.50	209.50	192.50-234.50	-	-	9	12	14	2	22	76	102	85	74	69	45	74	16	10	-	-	-	-	-						
WHOLESALE TRADE -----	617	39.0	258.50	245.00	218.50-298.00	-	-	-	-	-	-	-	26	59	82	116	104	48	44	53	25	60	-	-	-	-						
SERVICES -----	137	39.5	221.50	221.00	201.50-231.50	-	-	-	-	-	1	1	8	28	10	44	11	3	-	1	-	-	-	-	-	-						
STENOGRAPHERS, GENERAL -----	807	40.0	209.00	195.50	177.30-234.00	-	-	4	14	39	46	134	114	89	72	67	37	62	63	23	23	20	-	-	-	-						
MANUFACTURING -----	257	40.0	234.00	243.00	208.50-264.50	-	-	-	2	3	5	29	19	3	6	40	17	47	57	23	4	2	-	-	-	-						
NONMANUFACTURING -----	550	39.5	197.00	189.50	173.50-203.50	-	-	4	12	36	41	105	95	86	66	27	20	15	6	-	19	18	-	-	-	-						
PUBLIC UTILITIES -----	297	40.0	199.50	185.00	170.50-202.50	-	-	4	10	22	34	63	27	49	34	8	2	7	-	-	19	18	-	-	-	-						
WHOLESALE TRADE -----	139	39.5	193.50	195.50	178.30-202.50	-	-	-	-	11	4	22	24	33	19	16	6	-	4	-	-	-	-	-	-	-						
TRANSCRIBING-MACHINE TYPISTS -----	370	39.5	186.50	184.00	166.00-201.50	-	-	-	42	7	49	52	86	27	37	26	44	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	340	39.5	187.00	184.00	163.50-202.50	-	-	-	42	7	49	30	78	27	37	26	44	-	-	-	-	-	-	-	-	-						
WHOLESALE TRADE -----	71	40.0	213.50	221.50	193.50-239.00	-	-	-	6	-	-	-	12	3	11	3	36	-	-	-	-	-	-	-	-	-						
FINANCE -----	135	38.5	169.50	167.50	150.00-184.00	-	-	-	36	7	25	22	34	4	-	7	-	-	-	-	-	-	-	-	-	-						
TYPISTS -----	1,609	39.5	174.00	172.50	149.50-190.00	68	22	134	235	124	172	245	181	129	83	73	78	27	26	4	-	-	-	-	4	-	4					
MANUFACTURING -----	196	40.0	176.50	182.00	150.50-196.00	-	9	16	22	11	14	19	30	35	21	19	-	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	1,413	39.5	174.00	172.50	149.50-190.00	68	13	118	213	113	158	226	151	94	62	54	78	27	26	4	-	-	-	-	4	-	4					
PUBLIC UTILITIES -----	419	40.0	186.50	181.00	175.00-192.00	-	-	-	33	11	28	137	89	45	22	29	11	-	10	-	-	-	-	-	-	-						
WHOLESALE TRADE -----	334	40.0	185.00	174.00	156.50-202.50	-	-	9	55	24	65	33	20	40	23	5	36	4	16	-	-	-	-	4	-	-						
RETAIL TRADE -----	79	40.0	162.50	161.00	148.00-174.00	-	6	7	12	9	19	11	5	1	2	1	1	-	-	-	-	-	-	-	-	-						
FINANCE -----	231	38.5	151.00	149.50	138.00-160.00	-	7	57	59	50	20	29	7	2	-	-	-	-	-	-	-	-	-	-	-	-						
SERVICES -----	350	39.5	166.00	150.00	130.00-207.00	68	-	45	54	19	26	16	30	2	16	18	30	22	-	4	-	-	-	-	-	-						
TYPISTS, CLASS A -----	537	39.5	188.50	184.00	167.00-207.50	-	-	12	40	31	61	95	68	45	54	58	44	23	2	4	-	-	-	-	-	-						
MANUFACTURING -----	88	40.0	189.00	196.00	178.00-206.00	-	-	-	4	9	3	8	13	25	11	15	-	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	449	39.5	188.50	184.00	167.00-214.00	-	-	12	36	22	58	87	55	20	43	43	44	23	2	4	-	-	-	-	-	-						
PUBLIC UTILITIES -----	162	40.0	190.00	184.00	174.00-202.50	-	-	-	-	-	16	59	19	13	18	24	11	-	2	-	-	-	-	-	-	-						
FINANCE -----	53	38.5	164.50	164.50	152.00-172.50	-	-	3	7	8	13	13	7	2	-	-	-	-	-	-	-	-	-	-	-	-						
SERVICES -----	196	39.5	193.00	188.50	167.00-232.00	-	-	9	27	9	21	14	28	2	16	14	30	22	-	4	-	-	-	-	-	-						
TYPISTS, CLASS B -----	1,072	39.5	167.00	164.50	142.00-184.00	68	22	122	195	93	111	150	113	84	29	15	34	4	24	-	-	-	-	-	4	-	4					
MANUFACTURING -----	108	40.0	166.50	165.50	145.50-188.00	-	9	16	18	2	11	11	17	10	10	4	-	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	964	39.5	167.00	164.00	142.00-184.00	68	13	106	177	91	100	139	96	74	19	11	34	4	24	-	-	-	-	-	4	-	4					
WHOLESALE TRADE -----	305	40.0	184.50	172.50	155.50-190.00	-	-	9	53	21	61	32	19	38	14	-	34	4	16	-	-	-	-	-	4	-						
RETAIL TRADE -----	76	40.0	167.00	161.00	145.50-173.00	-	6	7	12	7	15	11	5	4	1	2	-	-	-	-	-	-	-	-	-	-						
FINANCE -----	178	38.0	146.50	145.00	136.50-156.00	-	7	54	52	42	7	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SERVICES -----	154	40.0	131.50	130.00	116.00-142.00	68	-	36	27	10	5	2	2	-	-	4	-	-	-	-	-	-	-	-	-	-						
FILE CLERKS -----	1,213	39.0	148.00	136.00	126.50-155.50	43	363	292	162	87	80	69	21	23	7	2	21	16	1	7	8	7	2	-	-	-	2					
MANUFACTURING -----	81	40.0	174.00	155.00	128.00-188.50	-	23	10	2	6	12	4	3	3	1	2	2	4	1	3	-	1	-	-	-	-	2					
NONMANUFACTURING -----	1,132	39.0	146.00	135.00	126.50-155.50	43	340	282	160	81	68	63	18	20	6	-	19	12	-	4	8	6	2	-	-	-						
PUBLIC UTILITIES -----	47	40.0	182.00	156.50	150.00-168.00	-	-	2	12	18	4	2	1	-	-	-	-	-	-	1	4	1	2	-	-	-						
WHOLESALE TRADE -----	120	40.0	164.00	149.50	138.50-176.00	-	22	80	71	6	36	44	8	16	6	-	18	1	-	3	4	5	-	-	-	-						
RETAIL TRADE -----	58	40.0	130.00	126.50	123.00-133.00	10	27	7	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
FINANCE -----	598	38.0	133.50	130.00	125.00-136.50	24	273	182	40	41	21	7	7	3	-	-	-	-	-	-	-	-	-	-	-	-						
SERVICES -----	109	38.5	156.50	149.50	132.00-161.00	9	18	11	28	14	4	10	2	1	-	-	1	11	-	-	-	-	-	-	-	-						

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers, Houston, Tex., April 1979—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	\$ 110 and under	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400 and over		
						120	130	140	150	160	170	180	190	200	210	220	240	260	280	300	320	340	360	380	400	over		
FILE CLERKS - CONTINUED																												
FILE CLERKS, CLASS A -----	346	39.0	\$ 167.50	\$ 159.50	\$ 141.50-177.00	21	3	53	59	44	54	38	12	15	3	-	17	15	-	1	4	5	2	-	-	-	-	
MANUFACTURING -----	324	39.0	167.00	159.50	140.50-176.00	21	2	51	59	38	50	36	10	14	3	-	17	11	-	1	4	5	2	-	-	-	-	
WHOLESALE TRADE -----	137	40.0	160.50	171.50	161.00-197.00	-	-	3	25	4	27	33	8	13	3	-	16	1	-	-	4	-	-	-	-	-	-	
FINANCE -----	133	38.0	141.00	137.00	130.50-156.50	21	2	46	22	21	18	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILE CLERKS, CLASS C -----	818	39.0	\$ 135.00	\$ 130.00	\$ 126.00-138.50	22	360	239	103	39	23	27	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	774	38.5	134.50	130.00	126.00-138.50	22	338	231	101	39	15	23	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	35	40.0	154.00	153.00	142.50-158.50	-	-	2	12	14	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	171	40.0	142.50	138.50	130.00-147.00	-	22	77	46	2	9	11	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	448	38.0	130.00	127.50	125.00-132.50	7	271	136	18	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MESSENGERS -----	531	39.5	\$ 141.50	\$ 137.00	\$ 119.50-153.00	134	68	102	66	68	38	15	5	12	3	7	12	-	-	1	-	-	-	-	-	-	-	
MANUFACTURING -----	62	40.0	165.00	160.00	154.00-175.00	-	7	2	6	9	17	6	4	4	1	6	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	469	39.5	138.50	136.00	118.50-149.50	134	61	103	60	59	21	9	1	8	2	1	12	-	-	1	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	108	39.5	158.50	149.50	137.00-166.00	-	7	26	23	17	11	5	1	5	1	-	12	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	147	38.5	134.00	133.50	125.00-141.50	10	47	48	23	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATORS -----	700	39.5	\$ 168.00	\$ 161.00	\$ 138.00-184.00	56	45	90	85	48	58	78	102	47	18	18	15	12	5	11	1	3	-	8	-	-	-	
MANUFACTURING -----	81	40.0	201.50	184.00	172.50-224.50	-	-	-	3	5	6	22	8	6	6	2	8	3	5	4	-	3	-	-	-	-	-	
NONMANUFACTURING -----	619	39.5	163.50	159.00	136.00-184.00	56	45	90	82	43	52	56	94	41	12	16	7	9	-	7	1	-	-	8	-	-	-	
PUBLIC UTILITIES -----	61	40.0	204.50	194.50	184.00-210.50	-	-	-	-	4	2	7	15	13	4	4	4	4	-	7	1	-	-	-	-	-	-	
WHOLESALE TRADE -----	63	39.0	217.50	184.00	183.50-239.50	-	-	-	-	-	10	1	25	4	2	2	3	8	-	-	-	-	-	8	-	-	-	
RETAIL TRADE -----	78	40.0	158.00	140.50	138.00-183.50	-	8	21	16	5	2	4	4	10	-	8	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	137	39.0	157.00	161.00	138.00-176.50	-	31	10	19	5	28	20	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	280	40.0	147.50	140.00	130.00-171.00	56	6	59	47	29	10	24	36	4	6	2	-	1	-	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATOR-RECEPTIONISTS -----	1,036	40.0	\$ 176.50	\$ 172.50	\$ 157.00-190.00	-	-	42	129	101	186	179	130	110	50	34	29	21	12	10	-	-	1	-	-	2	-	
MANUFACTURING -----	323	40.0	187.00	184.00	167.00-193.00	-	-	-	38	1	57	57	39	61	24	2	16	7	12	8	-	-	1	-	-	-	-	
NONMANUFACTURING -----	713	39.5	172.00	168.00	154.00-183.50	-	-	42	91	100	129	122	91	49	26	32	13	14	-	2	-	-	-	-	-	2	-	
PUBLIC UTILITIES -----	66	40.0	173.50	158.00	149.50-172.50	-	-	1	25	8	4	12	10	-	2	-	-	-	-	2	-	-	-	-	-	2	-	
WHOLESALE TRADE -----	261	40.0	181.00	172.00	161.00-197.00	-	-	9	-	33	61	49	16	28	23	22	10	10	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	158	40.0	155.00	150.00	140.00-164.00	-	-	32	42	27	21	3	31	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	108	39.0	173.50	172.50	167.00-182.00	-	-	-	-	21	21	31	31	-	-	-	-	4	-	-	-	-	-	-	-	-	-	
SERVICES -----	120	39.5	174.00	172.50	157.00-195.00	-	-	-	24	11	22	27	3	21	-	10	2	-	-	-	-	-	-	-	-	-	-	
ORDER CLERKS -----	1,376	40.0	\$ 197.50	\$ 185.00	\$ 160.00-214.00	36	71	24	88	104	152	101	178	106	87	95	78	92	24	20	57	15	32	14	2	-	-	
MANUFACTURING -----	366	40.0	219.00	210.00	180.00-250.00	-	-	-	6	19	15	36	28	46	28	55	18	63	12	1	22	2	12	1	2	-	-	
NONMANUFACTURING -----	1,010	40.0	190.00	180.00	154.00-207.50	36	71	24	82	85	137	65	150	60	59	40	60	29	12	19	35	13	20	13	-	-	-	
WHOLESALE TRADE -----	844	40.0	201.50	185.00	161.50-213.50	-	-	3	69	75	130	59	148	60	59	40	60	29	12	19	35	13	20	13	-	-	-	
RETAIL TRADE -----	166	40.0	131.50	126.00	120.00-136.00	36	71	21	13	10	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORDER CLERKS, CLASS A -----	329	40.0	\$ 275.00	\$ 259.00	\$ 244.00-314.00	-	-	-	-	-	-	-	-	-	14	45	22	84	24	20	57	15	32	14	2	-	-	
MANUFACTURING -----	168	40.0	256.00	250.00	210.00-274.00	-	-	-	-	-	-	-	-	-	14	45	2	55	12	1	22	2	12	1	2	-	-	
ORDER CLERKS, CLASS B -----	1,047	40.0	\$ 173.50	\$ 175.00	\$ 154.00-195.50	36	71	24	88	104	152	101	178	106	73	50	56	8	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	198	40.0	188.00	184.00	172.00-196.00	-	-	-	6	19	15	36	28	46	14	10	16	8	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	849	40.0	170.00	167.00	149.50-189.50	36	71	24	82	85	137	65	150	60	59	40	40	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	693	40.0	179.50	180.00	160.00-196.00	-	-	3	69	75	130	59	148	60	59	40	40	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	166	40.0	131.50	126.00	120.00-136.00	36	71	21	13	10	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACCOUNTING CLERKS -----	6,371	40.0	\$ 196.50	\$ 187.00	\$ 161.50-218.50	10	102	299	581	386	551	657	739	548	583	365	500	346	263	204	101	56	16	25	19	20	-	
MANUFACTURING -----	1,975	40.0	207.50	201.50	172.50-230.00	-	-	37	119	61	79	138	177	114	225	83	125	109	63	58	55	10	5	-	3	14	-	
NONMANUFACTURING -----	4,896	40.0	193.50	184.00	160.00-214.00	10	102	262	462	325	472	519	562	434	358	282	375	237	200	146	46	46	11	25	16	6	-	
PUBLIC UTILITIES -----	806	40.0	229.00	222.00	196.50-263.00	-	-	33	7	33	24	21	24	59	66	94	113	58	136	82	5	9	1	3	12	6	-	
WHOLESALE TRADE -----	1,463	40.0	206.00	191.00	172.50-227.50	-	-	37	50	89	134	202	216	135	112	72	129	79	41	54	40	37	10	22	4	-	-	
RETAIL TRADE -----	1,340	40.0	167.00	160.00	144.00-185.00	10	91	122	346	100	132	99	130	85	83	39	40	42	10	10	1	-	-	-	-	-	-	
FINANCE -----	734	39.0	179.00	176.00	156.50-195.50	-	11	70	49	69	106	98	80	86	50	41	48	22	4	-	-	-	-	-	-	-	-	
SERVICES -----	553	39.5	191.00	185.00	172.50-207.00	-	-	-	10	34	76	79	112	69	47	36	45	36	9	-	-	-	-	-	-	-	-	

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers, Houston, Tex., April 1979—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	\$ 110 and under	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400				
ACCOUNTING CLERKS - CONTINUED																														
ACCOUNTING CLERKS, CLASS A -----	2,269	40.0	\$ 225.50	\$ 212.50	\$ 185.00-253.50	-	-	-	16	52	171	157	261	234	207	176	236	243	128	191	80	46	15	17	19	20				
MANUFACTURING -----	644	40.0	236.50	221.00	198.50-270.50	-	-	-	9	-	19	20	67	57	89	59	67	75	45	54	53	9	4	-	3	14				
NONMANUFACTURING -----	1,625	40.0	221.00	207.00	184.00-250.00	-	-	-	7	52	152	137	194	177	118	117	169	168	83	137	27	37	11	17	14	6				
PUBLIC UTILITIES -----	242	40.0	272.50	278.50	240.50-287.00	-	-	-	1	1	2	6	7	5	26	11	26	42	80	5	8	1	3	12	6	-				
WHOLESALE TRADE -----	713	40.0	226.00	211.50	185.00-251.50	-	-	-	-	38	67	110	85	54	57	87	60	26	50	22	29	10	14	4	-	-				
RETAIL TRADE -----	206	40.0	205.00	195.50	184.00-233.00	-	-	-	-	8	26	9	41	32	13	14	16	34	6	7	-	-	-	-	-	-				
FINANCE -----	297	39.0	186.00	178.50	161.00-207.00	-	-	-	7	34	67	50	28	26	27	12	32	14	-	-	-	-	-	-	-	-				
SERVICES -----	167	39.5	204.00	207.00	184.00-243.50	-	-	-	-	9	20	9	9	27	19	8	23	34	9	-	-	-	-	-	-	-				
ACCOUNTING CLERKS, CLASS B -----	4,062	40.0	180.50	175.00	150.00-202.00	10	102	299	565	334	380	500	478	310	376	181	248	95	131	13	21	10	1	8	-	-				
MANUFACTURING -----	831	40.0	185.50	182.00	159.50-206.00	-	-	-	37	110	61	60	118	110	57	136	24	58	34	18	4	2	1	1	-	-				
NONMANUFACTURING -----	3,231	40.0	179.00	172.50	149.50-199.50	10	102	262	455	273	320	382	368	253	240	157	190	61	113	9	19	9	-	8	-	-				
PUBLIC UTILITIES -----	564	40.0	210.50	211.50	185.00-236.00	-	-	-	33	7	32	23	39	18	52	61	102	32	94	2	-	1	-	-	-	-				
WHOLESALE TRADE -----	750	40.0	187.00	176.00	161.50-199.00	-	-	-	37	50	89	96	135	104	50	58	15	42	19	15	4	18	8	-	8	-				
RETAIL TRADE -----	1,134	40.0	160.00	149.50	140.00-178.00	10	91	122	346	92	106	90	89	53	70	25	24	8	4	3	1	-	-	-	-	-				
FINANCE -----	397	39.0	168.50	170.50	148.00-190.50	-	11	70	42	35	39	48	52	56	23	21	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	386	39.5	184.00	184.00	171.00-195.50	-	-	-	10	25	56	70	103	42	28	28	22	2	-	-	-	-	-	-	-	-				
PAYROLL CLERKS -----	773	40.0	208.00	195.50	178.00-218.50	-	2	14	6	50	65	80	127	86	91	69	35	42	38	17	11	8	11	9	6	6				
MANUFACTURING -----	241	40.0	226.50	209.50	185.00-252.00	-	-	-	-	10	17	5	47	13	34	29	16	13	18	8	8	7	1	9	6	-				
NONMANUFACTURING -----	532	39.5	199.50	190.00	172.00-210.00	-	2	14	6	40	48	75	80	73	57	40	19	29	20	9	3	1	10	-	-	6				
PUBLIC UTILITIES -----	50	40.0	257.50	241.50	216.50-277.50	-	-	-	-	2	1	1	2	4	-	4	2	11	11	5	-	1	-	-	-	6				
WHOLESALE TRADE -----	126	40.0	208.50	195.50	178.00-213.00	-	-	-	-	20	3	18	15	32	2	9	2	-	9	3	3	-	10	-	-	-				
RETAIL TRADE -----	149	40.0	189.00	193.50	170.00-207.50	-	2	10	2	13	7	12	27	24	24	9	14	4	-	1	-	-	-	-	-	-				
FINANCE -----	90	38.5	198.50	207.00	184.00-215.50	-	-	4	4	1	8	4	11	11	23	9	1	14	-	-	-	-	-	-	-	-				
SERVICES -----	117	40.0	178.50	175.00	161.00-184.50	-	-	-	-	4	29	40	25	2	8	9	-	-	-	-	-	-	-	-	-	-				
KEY ENTRY OPERATORS -----	2,113	40.0	190.50	184.00	164.50-203.50	40	2	36	103	210	276	252	338	257	165	104	106	91	26	28	39	14	23	3	-	-				
MANUFACTURING -----	395	40.0	198.50	191.00	173.50-213.50	-	-	-	25	12	40	49	60	63	39	30	36	14	9	8	4	1	2	3	-	-				
NONMANUFACTURING -----	1,718	39.5	189.00	182.50	162.00-200.00	40	2	36	78	198	236	203	278	194	126	74	70	77	17	20	35	13	21	-	-	-				
PUBLIC UTILITIES -----	268	40.0	209.50	192.00	184.00-211.50	-	-	-	3	1	16	33	78	35	25	20	7	9	2	8	31	-	-	-	-	-				
WHOLESALE TRADE -----	821	40.0	186.50	175.00	156.00-202.50	40	-	20	63	119	128	73	92	69	40	44	36	38	10	12	3	13	21	-	-	-				
RETAIL TRADE -----	230	40.0	181.00	174.00	164.00-195.50	-	2	4	5	15	47	54	28	32	19	6	9	5	3	-	1	-	-	-	-	-				
FINANCE -----	223	39.0	183.00	181.00	161.00-201.50	-	-	12	7	30	32	25	33	25	29	3	16	11	-	-	-	-	-	-	-	-				
SERVICES -----	176	39.5	187.00	184.00	164.50-196.00	-	-	-	-	33	13	18	47	33	13	1	2	14	2	-	-	-	-	-	-	-				
KEY ENTRY OPERATORS, CLASS A -----	702	40.0	211.00	199.00	180.50-225.50	-	-	-	16	16	37	89	77	119	73	73	63	62	13	5	37	5	14	3	-	-				
MANUFACTURING -----	176	40.0	208.00	198.00	187.00-222.00	-	-	-	16	-	1	13	18	49	13	16	25	7	8	2	2	1	2	3	-	-				
NONMANUFACTURING -----	526	39.5	212.00	203.00	180.00-226.00	-	-	-	-	16	36	76	59	70	60	57	38	55	5	3	35	4	12	-	-	-				
PUBLIC UTILITIES -----	82	40.0	245.00	212.50	196.00-302.00	-	-	-	-	-	1	7	9	7	10	12	3	-	-	2	31	-	-	-	-	-				
WHOLESALE TRADE -----	262	40.0	213.00	206.00	177.50-228.50	-	-	-	-	13	16	41	20	33	22	37	21	37	2	1	3	4	12	-	-	-				
RETAIL TRADE -----	72	40.0	191.50	191.50	168.50-200.00	-	-	-	-	3	16	8	11	11	4	4	6	3	1	-	1	-	-	-	-	-				
SERVICES -----	63	40.0	204.50	202.50	182.00-239.50	-	-	-	-	-	3	19	9	13	1	2	14	2	-	-	-	-	-	-	-	-				
KEY ENTRY OPERATORS, CLASS B -----	1,411	40.0	180.50	175.00	159.50-193.00	40	2	36	97	194	239	163	261	138	92	31	43	29	13	23	2	9	9	-	-	-				
MANUFACTURING -----	219	40.0	190.50	184.50	168.50-204.00	-	-	-	9	12	39	36	42	14	26	14	11	7	1	6	2	-	-	-	-	-				
NONMANUFACTURING -----	1,192	39.5	178.50	172.50	157.50-191.00	40	2	36	78	182	200	127	219	124	66	17	32	22	12	17	-	9	9	-	-	-				
PUBLIC UTILITIES -----	186	40.0	194.50	190.00	180.00-196.50	-	-	-	3	1	15	26	69	28	15	8	4	9	2	6	-	-	-	-	-	-				
WHOLESALE TRADE -----	559	40.0	174.00	166.00	150.00-185.50	40	-	20	63	106	112	32	72	36	18	7	15	1	8	11	-	9	9	-	-	-				
RETAIL TRADE -----	158	40.0	176.00	172.00	163.50-187.00	-	2	4	5	12	31	46	20	21	8	2	3	2	2	-	-	-	-	-	-	-				
FINANCE -----	176	39.0	180.50	181.00	155.50-201.50	-	-	12	7	30	29	4	30	15	25	-	10	10	-	-	-	-	-	-	-	-				
SERVICES -----	113	39.5	176.00	179.50	159.50-189.50	-	-	-	-	33	13	15	28	24	-	-	-	-	-	-	-	-	-	-	-	-				

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers, Houston, Tex., April 1979

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	\$ 120 and under	\$ 140	\$ 160	\$ 180	\$ 200	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ 420	\$ 440	\$ 460	\$ 480	\$ 500	\$ 520					
						140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	over					
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	965	39.5	\$ 398.50	\$ 391.50	\$ 338.00-441.50	-	-	-	-	-	-	11	24	47	60	102	70	94	105	91	106	74	27	40	49	65					
MANUFACTURING -----	201	40.0	400.00	391.00	345.00-437.00	-	-	-	-	-	-	-	-	2	17	28	20	26	24	15	20	12	8	5	5	19					
NONMANUFACTURING -----	764	39.5	398.00	396.00	337.50-442.00	-	-	-	-	-	-	11	24	45	43	74	50	68	81	76	86	62	19	35	44	44					
PUBLIC UTILITIES -----	264	40.0	384.50	384.00	330.00-412.50	-	-	-	-	-	-	-	8	20	32	17	18	30	39	37	12	16	8	5	11	11					
WHOLESALE TRADE -----	275	39.5	392.00	388.00	337.50-440.00	-	-	-	-	-	-	9	9	18	4	32	25	22	29	21	37	31	7	7	7	17					
FINANCE -----	140	38.5	402.50	409.00	329.50-477.00	-	-	-	-	-	-	1	7	6	7	23	5	10	10	11	19	4	2	11	14	10					
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	262	39.5	475.50	475.50	430.50-517.50	-	-	-	-	-	-	-	-	-	-	1	-	5	12	29	29	43	16	34	33	*60					
MANUFACTURING -----	55	40.0	479.00	465.00	425.50-534.00	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4	9	9	5	4	2	18					
NONMANUFACTURING -----	207	39.5	474.50	476.00	431.50-514.50	-	-	-	-	-	-	-	-	-	-	1	-	4	9	25	20	34	11	30	31	42					
PUBLIC UTILITIES -----	52	40.0	468.00	472.50	412.50-516.00	-	-	-	-	-	-	-	-	-	-	-	-	-	7	9	4	5	3	4	11	9					
WHOLESALE TRADE -----	67	40.0	481.50	471.50	452.00-520.00	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	5	20	6	7	6	17					
FINANCE -----	60	38.5	476.50	495.00	437.00-509.50	-	-	-	-	-	-	-	-	-	-	-	-	2	-	8	9	4	2	11	14	10					
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	456	39.5	395.00	391.00	357.00-425.50	-	-	-	-	-	-	-	-	1	6	68	43	58	85	55	75	27	11	6	16	5					
MANUFACTURING -----	106	40.0	386.50	383.00	357.00-414.50	-	-	-	-	-	-	-	-	-	1	19	10	22	21	11	11	3	3	1	3	1					
NONMANUFACTURING -----	350	39.5	397.50	391.00	360.00-427.50	-	-	-	-	-	-	-	-	1	5	49	33	36	64	44	64	24	8	5	13	4					
PUBLIC UTILITIES -----	113	40.0	394.50	391.00	357.00-408.50	-	-	-	-	-	-	-	-	4	11	15	5	28	24	7	11	5	1	-	2						
WHOLESALE TRADE -----	137	39.5	386.00	388.00	346.00-421.00	-	-	-	-	-	-	-	-	-	-	26	13	21	24	13	31	7	1	-	1	-					
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	247	39.5	323.00	316.50	292.00-352.50	-	-	-	-	-	11	24	46	54	33	27	31	8	7	2	4	-	-	-	-						
NONMANUFACTURING -----	207	39.5	322.00	313.00	289.00-354.00	-	-	-	-	-	11	24	44	38	24	17	28	8	7	2	4	-	-	-	-						
PUBLIC UTILITIES -----	99	40.0	329.00	313.00	299.50-368.00	-	-	-	-	-	-	8	20	28	6	3	25	4	4	1	-	-	-	-	-						
COMPUTER PROGRAMMERS (BUSINESS) -----	822	40.0	338.00	335.50	297.50-379.50	-	-	-	-	22	23	68	45	68	93	119	101	81	79	63	24	10	5	6	3	12					
MANUFACTURING -----	141	40.0	341.50	345.00	310.50-397.00	-	-	-	-	4	4	7	9	9	12	18	20	14	25	12	6	-	1	-	-						
NONMANUFACTURING -----	681	40.0	337.50	335.00	295.00-376.00	-	-	-	-	18	19	61	36	59	81	101	81	67	54	51	18	10	4	6	3	12					
PUBLIC UTILITIES -----	127	40.0	370.00	347.00	323.50-402.50	-	-	-	-	2	-	1	5	13	8	30	18	5	8	11	7	1	2	6	2	8					
WHOLESALE TRADE -----	134	40.0	339.00	335.50	302.50-374.00	-	-	-	-	4	8	12	6	19	26	15	21	6	5	1	8	2	-	1	-						
FINANCE -----	134	39.0	302.00	307.00	266.00-331.50	-	-	-	-	4	3	24	11	20	30	16	9	16	1	-	-	-	-	-	-						
SERVICES -----	241	40.0	350.00	356.50	310.50-391.00	-	-	-	-	12	-	13	6	20	19	23	38	24	37	35	9	1	-	-	-	4					
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	284	40.0	379.50	374.00	341.50-402.50	-	-	-	-	-	-	2	3	27	37	45	43	40	47	14	9	3	3	1	10						
NONMANUFACTURING -----	256	40.0	379.50	374.00	339.00-402.50	-	-	-	-	-	-	2	3	26	36	36	38	37	43	10	9	2	3	1	10						
PUBLIC UTILITIES -----	39	40.0	414.00	386.50	359.50-404.50	-	-	-	-	-	-	-	-	-	-	-	15	1	8	6	-	-	-	3	-	6					
WHOLESALE TRADE -----	53	40.0	371.50	359.00	324.00-414.00	-	-	-	-	-	-	2	2	7	9	7	3	6	5	1	8	2	-	1	-						
SERVICES -----	112	40.0	388.00	391.00	370.50-412.00	-	-	-	-	-	-	-	-	-	8	12	5	19	22	32	9	1	-	-	-	4					
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	409	40.0	331.50	331.00	293.50-363.50	-	-	-	-	4	7	38	28	42	51	74	56	34	39	16	10	1	2	3	2	2					
MANUFACTURING -----	107	40.0	337.50	332.50	299.50-397.00	-	-	-	-	-	4	7	7	9	11	17	11	9	22	8	2	-	-	-	-						
NONMANUFACTURING -----	302	39.5	329.50	330.50	293.50-359.00	-	-	-	-	4	3	31	21	33	40	57	45	25	17	8	8	1	2	3	2	2					
PUBLIC UTILITIES -----	66	40.0	374.00	339.00	326.00-425.00	-	-	-	-	-	-	-	-	2	5	30	7	4	-	5	7	1	2	3	2	2					
WHOLESALE TRADE -----	52	40.0	323.00	335.50	276.00-362.00	-	-	-	-	-	-	8	9	-	4	9	8	14	-	-	-	-	-	-	-						
FINANCE -----	73	39.0	281.50	288.00	259.00-309.00	-	-	-	-	4	-	19	8	19	20	2	-	1	-	-	-	-	-	-	-						
SERVICES -----	88	40.0	345.50	347.50	326.50-365.50	-	-	-	-	-	-	2	12	7	11	33	5	15	3	-	-	-	-	-	-						

* Workers were distributed as follows: 25 at \$520 to \$540; 22 at \$540 to \$560; 7 at \$560 to \$580; 4 at \$580 to \$600; and 2 at \$600 to \$620.

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers, Houston, Tex., April 1979—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$																																
						120 and under	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	over																																						
																																	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	over												
COMPUTER PROGRAMMERS (BUSINESS) - CONTINUED																																																																	
COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	129	40.0	\$ 268.00	\$ 261.00	\$ 239.00-299.00	-	-	-	-	18	16	30	15	23	15	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
NONMANUFACTURING -----	123	40.0	270.00	261.00	241.00-299.00	-	-	-	-	14	16	30	13	23	15	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
COMPUTER OPERATORS -----	1,258	39.5	237.00	227.00	200.00-264.50	10	25	107	170	258	151	170	176	59	21	31	28	10	20	9	2	7	4	-	-	-	-	-	-	-	-	-	-	-	-																														
MANUFACTURING -----	260	40.0	244.50	229.50	204.00-270.50	-	-	17	18	66	42	39	40	7	5	4	6	3	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	998	39.5	235.00	225.50	196.00-263.00	10	25	90	152	192	109	131	136	52	16	27	22	7	17	6	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-																														
PUBLIC UTILITIES -----	195	40.0	256.00	263.00	229.50-270.50	-	3	4	9	28	11	34	73	8	4	9	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																															
WHOLESALE TRADE -----	265	40.0	245.50	224.00	200.00-270.50	-	-	30	38	61	47	17	12	11	4	5	9	3	16	6	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-																														
RETAIL TRADE -----	63	40.0	229.00	220.00	205.50-244.50	-	-	5	7	10	20	12	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
FINANCE -----	228	39.0	211.50	199.50	177.00-241.50	10	10	41	53	32	7	44	11	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	247	39.0	231.00	218.50	199.00-264.50	-	12	10	45	61	24	24	38	18	7	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
COMPUTER OPERATORS, CLASS A -----	195	39.5	298.00	290.00	253.00-326.00	-	-	-	4	2	20	35	27	35	14	18	14	4	5	4	2	7	4	-	-	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	159	39.5	293.00	290.00	253.00-326.00	-	-	-	4	2	19	25	21	33	11	17	11	4	4	2	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	64	38.5	278.50	278.00	250.00-294.50	-	-	-	-	1	11	7	16	15	6	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
COMPUTER OPERATORS, CLASS B -----	763	39.5	233.00	221.50	201.50-256.50	-	-	46	108	208	109	108	110	24	7	12	14	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
MANUFACTURING -----	202	40.0	235.00	222.50	204.00-263.00	-	-	12	14	64	31	29	34	5	2	2	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	561	39.5	232.50	220.00	201.50-254.00	-	-	34	94	144	78	79	76	19	5	10	11	3	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
PUBLIC UTILITIES -----	98	40.0	258.00	258.00	227.00-275.50	-	-	-	3	19	10	19	30	4	-	5	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
WHOLESALE TRADE -----	162	40.0	236.50	224.00	200.50-253.00	-	-	12	27	41	37	5	12	7	3	4	5	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
RETAIL TRADE -----	53	40.0	231.50	220.00	209.00-244.50	-	-	2	6	10	19	7	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
FINANCE -----	109	39.0	216.00	215.00	190.00-241.50	-	-	16	29	20	2	32	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	139	39.0	224.00	215.00	201.50-248.50	-	-	4	29	54	10	16	22	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
COMPUTER OPERATORS, CLASS C -----	300	39.5	207.50	198.00	172.50-245.00	10	25	61	58	48	22	27	39	-	-	1	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	278	39.5	207.00	195.50	166.50-247.00	10	25	56	54	46	12	27	39	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
WHOLESALE TRADE -----	76	40.0	225.00	207.00	184.50-241.50	-	-	18	11	20	8	10	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
FINANCE -----	76	39.0	172.50	161.00	149.50-195.50	10	10	25	20	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
DRAFTERS -----	3,485	40.0	297.00	287.00	235.50-345.50	-	16	117	196	215	405	359	349	330	223	281	258	149	120	139	86	100	125	1	14	2	-	-	-	-	-	-	-	-	-																														
MANUFACTURING -----	1,267	40.0	284.50	273.00	227.00-335.00	-	-	53	111	104	130	148	100	132	77	117	114	65	15	42	15	15	14	1	12	2	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	2,218	40.0	304.00	292.00	240.00-359.50	-	16	64	85	111	275	211	249	198	146	164	144	84	105	97	71	85	111	-	2	-	-	-	-	-	-	-	-	-	-																														
PUBLIC UTILITIES -----	355	40.0	296.50	295.50	240.00-350.50	-	-	3	9	42	34	36	34	36	38	30	14	29	21	19	-	7	3	-	-	-	-	-	-	-	-	-	-	-	-																														
WHOLESALE TRADE -----	268	39.5	264.50	243.00	234.00-276.00	-	-	-	8	7	101	40	55	9	10	14	7	10	4	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	1,574	40.0	313.00	300.00	249.50-380.00	-	16	61	68	60	138	131	154	153	98	119	119	45	78	78	70	78	108	-	-	-	-	-	-	-	-	-	-	-	-																														
DRAFTERS, CLASS A -----	1,394	40.0	365.50	355.00	320.00-414.00	-	-	-	-	-	40	61	141	81	204	192	113	108	131	83	99	124	1	14	2	-	-	-	-	-	-	-	-	-	-																														
MANUFACTURING -----	413	40.0	355.50	345.50	318.00-384.00	-	-	-	-	-	13	7	56	30	78	66	56	12	40	13	14	13	1	12	2	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	981	40.0	369.50	365.00	322.00-420.00	-	-	-	-	-	27	54	85	51	126	126	57	96	91	70	85	111	-	2	-	-	-	-	-	-	-	-	-	-	-																														
PUBLIC UTILITIES -----	95	40.0	361.50	365.00	315.00-393.50	-	-	-	-	-	3	2	9	11	9	9	11	18	13	-	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	872	40.0	370.50	367.00	322.00-421.50	-	-	-	-	-	24	52	74	38	115	115	42	78	78	70	78	108	-	-	-	-	-	-	-	-	-	-	-	-	-																														
DRAFTERS, CLASS B -----	1,090	40.0	282.50	276.00	253.00-310.00	-	-	7	32	97	213	252	162	134	75	61	34	10	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-																														
MANUFACTURING -----	430	40.0	282.50	272.00	253.00-317.50	-	-	6	10	52	85	75	63	43	37	44	7	2	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-																														
NONMANUFACTURING -----	660	40.0	282.50	276.00	253.00-303.50	-	-	-	1	22	45	128	177	99	91	38	17	27	8	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
PUBLIC UTILITIES -----	177	40.0	297.00	295.50	262.50-322.00	-	-	-	1	8	13	22	29	24	27	21	5	18	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
WHOLESALE TRADE -----	127	40.0	280.00	270.00	247.50-298.50	-	-	-	-	4	7	31	51	4	4	12	4	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
SERVICES -----	341	40.0	275.50	273.00	253.00-297.50	-	-	-	-	8	25	71	95	71	60	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														

See footnotes at end of tables.

Table A-2. Weekly earnings of professional and technical workers, Houston, Tex., April 1979—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	\$ 120 and under	\$ 140	\$ 160	\$ 180	\$ 200	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ 420	\$ 440	\$ 460	\$ 480	\$ 500	\$ 520					
						140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	over					
DRAFTERS — CONTINUED																															
DRAFTERS, CLASS C -----	898	40.0	\$ 220.00	\$ 220.50	\$ 198.50-238.00	-	16	83	151	161	304	106	36	27	6	1	3	2	2	-	-	-	-	-	-	-	-	-	-		
MANUFACTURING -----	373	40.0	219.50	215.00	195.00-237.50	-	-	32	89	86	77	50	18	13	2	1	2	2	1	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	525	40.0	226.50	229.00	201.50-238.00	-	16	51	62	75	227	56	18	14	4	-	1	-	1	-	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES -----	76	40.0	223.00	220.50	207.00-230.00	-	-	3	7	28	21	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SERVICES -----	316	40.0	211.50	220.00	192.50-231.00	-	16	48	47	44	110	36	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
DRAFTER-TRACERS -----	103	40.0	195.00	184.50	171.00-211.00	-	-	34	38	22	4	-	-	-	2	1	2	-	-	-	-	-	-	-	-	-	-	-			
MANUFACTURING -----	51	40.0	197.00	184.00	169.50-205.50	-	-	21	16	8	1	-	-	-	2	1	2	-	-	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	52	40.0	193.00	190.00	180.00-213.00	-	-	13	22	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ELECTRONICS TECHNICIANS -----	1,991	40.0	288.00	285.00	246.00-319.00	-	-	-	27	65	262	320	275	169	383	209	151	44	16	37	22	7	1	2	-	1	-	-			
MANUFACTURING -----	1,022	40.0	272.50	263.00	239.50-292.50	-	-	-	9	65	187	208	232	100	102	40	21	1	4	26	22	1	1	2	-	1	-	-			
NONMANUFACTURING: -----																															
PUBLIC UTILITIES -----	44	40.0	377.50	379.50	371.00-389.00	-	-	-	-	-	-	2	2	-	2	2	-	16	12	2	-	6	-	-	-	-	-	-			
ELECTRONICS TECHNICIANS, CLASS A -----	467	40.0	330.50	325.00	304.00-350.00	-	-	-	-	-	-	9	21	38	142	83	88	34	13	25	3	7	1	2	-	1	-	-			
MANUFACTURING -----	252	40.0	316.50	304.00	298.50-325.00	-	-	-	-	-	-	9	21	38	99	40	21	1	1	14	3	1	1	2	-	1	-	-			
NONMANUFACTURING -----	215	40.0	347.00	343.00	328.00-361.00	-	-	-	-	-	-	-	-	-	43	43	67	33	12	11	-	6	-	-	-	-	-	-			
PUBLIC UTILITIES -----	30	40.0	392.00	389.00	372.00-412.50	-	-	-	-	-	-	-	-	-	2	2	-	6	12	2	-	6	-	-	-	-	-	-			
ELECTRONICS TECHNICIANS, CLASS B -----	1,096	40.0	292.00	286.50	263.00-317.00	-	-	-	-	9	46	184	252	131	241	126	63	10	3	12	19	-	-	-	-	-	-	-			
MANUFACTURING -----	482	40.0	274.00	269.50	253.00-278.00	-	-	-	-	9	28	137	209	62	3	-	-	-	3	12	19	-	-	-	-	-	-	-			
ELECTRONICS TECHNICIANS, CLASS C -----	428	40.0	230.50	233.50	225.00-240.50	-	-	-	27	56	216	127	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MANUFACTURING -----	288	40.0	230.50	231.00	225.00-238.50	-	-	-	9	56	159	62	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
REGISTERED INDUSTRIAL NURSES -----	133	40.0	295.00	287.50	253.00-330.50	-	-	4	-	3	7	29	17	17	16	11	9	11	4	2	2	-	1	-	-	-	-	-			
MANUFACTURING -----	105	40.0	291.50	281.50	253.00-321.00	-	-	4	-	2	5	24	17	13	13	6	5	8	4	2	2	-	-	-	-	-	-	-			

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, Houston, Tex., April 1979

Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ 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							
MESSENGERS -----	133	39.5	\$ 154.50	SECRETARIES - CONTINUED	\$			TYPISTS - CONTINUED	\$						
NONMANUFACTURING -----	109	39.5	154.00												
ORDER CLERKS -----	615	40.0	225.00												
MANUFACTURING -----	169	40.0	245.57												
ORDER CLERKS, CLASS A -----	224	40.0	287.00												
MANUFACTURING -----	113	40.0	264.50												
ACCOUNTING CLERKS:															
MANUFACTURING -----	71	39.0	266.50												
NONMANUFACTURING:															
WHOLESALE TRADE -----	130	40.0	235.00												
SERVICES -----	51	40.0	190.00												
ACCOUNTING CLERKS, CLASS A -----	228	40.0	258.50	SECRETARIES, CLASS E -----		1,573	40.0	215.50	FILE CLERKS -----		1,153	39.0	146.50		
MANUFACTURING -----	54	40.0	287.00	MANUFACTURING -----		272	40.0	207.50	MANUFACTURING -----		81	40.0	174.00		
NONMANUFACTURING -----	174	40.0	250.00	NONMANUFACTURING -----		1,301	40.0	217.00	NONMANUFACTURING -----		1,072	39.0	148.50		
PUBLIC UTILITIES -----	36	40.0	321.50	PUBLIC UTILITIES -----		572	40.0	233.50	WHOLESALE TRADE -----		317	40.0	163.00		
WHOLESALE TRADE -----	87	40.0	253.00	WHOLESALE TRADE -----		366	40.0	207.00	RETAIL TRADE -----		58	40.0	130.00		
				RETAIL TRADE -----		66	40.0	180.00	FINANCE -----		587	38.0	133.50		
				SERVICES -----		149	40.0	211.50	SERVICES -----		85	39.0	146.00		
				STENOGRAPHERS -----		2,409	39.5	230.50	FILE CLERKS, CLASS B -----		322	39.0	165.00		
				MANUFACTURING -----		558	40.0	250.50	NONMANUFACTURING -----		300	39.0	164.50		
				NONMANUFACTURING -----		1,851	39.5	224.50	WHOLESALE TRADE -----		136	40.0	180.50		
				PUBLIC UTILITIES -----		862	40.0	210.50	FINANCE -----		125	38.0	140.00		
				WHOLESALE TRADE -----		756	39.0	246.50	FILE CLERKS, CLASS C -----		784	39.0	134.00		
				SERVICES -----		149	39.5	212.50	NONMANUFACTURING -----		740	38.5	133.50		
OFFICE OCCUPATIONS - WOMEN				STENOGRAPHERS, SENIOR -----		1,642	39.5	240.50	WHOLESALE TRADE -----		171	40.0	149.50		
SECRETARIES -----	7,439	39.5	246.50	MANUFACTURING -----		301	40.0	265.00	FINANCE -----		445	38.0	130.00		
MANUFACTURING -----	1,466	40.0	250.00	NONMANUFACTURING -----		1,341	39.5	235.00	MESSENGERS -----		383	39.5	136.00		
NONMANUFACTURING -----	5,973	39.5	246.00	PUBLIC UTILITIES -----		605	40.0	215.00	NONMANUFACTURING -----		345	39.5	132.50		
PUBLIC UTILITIES -----	1,410	40.0	262.50	WHOLESALE TRADE -----		617	39.0	258.50	WHOLESALE TRADE -----		63	39.5	155.50		
WHOLESALE TRADE -----	2,274	40.0	256.50	SERVICES -----		107	39.5	221.50	FINANCE -----		128	38.5	133.50		
RETAIL TRADE -----	467	40.0	216.00	STENOGRAPHERS, GENERAL -----		767	40.0	209.00	SWITCHBOARD OPERATORS -----		660	39.5	168.00		
FINANCE -----	946	39.0	217.50	MANUFACTURING -----		257	40.0	238.00	MANUFACTURING -----		81	40.0	201.50		
SERVICES -----	876	39.5	238.00	NONMANUFACTURING -----		510	39.5	197.00	NONMANUFACTURING -----		579	39.5	163.50		
SECRETARIES, CLASS A -----	465	40.0	295.50	PUBLIC UTILITIES -----		257	40.0	199.50	WHOLESALE TRADE -----		63	39.0	217.50		
MANUFACTURING -----	76	40.0	303.00	WHOLESALE TRADE -----		139	39.5	193.50	RETAIL TRADE -----		67	40.0	156.50		
NONMANUFACTURING -----	389	40.0	291.50	TRANSCRIBING-MACHINE TYPISTS -----		364	39.5	186.50	FINANCE -----		137	39.0	157.00		
WHOLESALE TRADE -----	233	40.0	300.50	NONMANUFACTURING -----		334	39.5	187.00	SERVICES -----		269	40.0	148.00		
RETAIL TRADE -----	60	40.0	239.50	WHOLESALE TRADE -----		71	40.0	213.50	SWITCHBOARD OPERATOR-RECEPTIONISTS -----		1,036	40.0	176.50		
SECRETARIES, CLASS B -----	1,439	39.5	278.00	FINANCE -----		135	38.5	169.50	MANUFACTURING -----		323	40.0	187.00		
MANUFACTURING -----	293	40.0	263.00	TYPISTS -----		1,412	39.5	172.50	NONMANUFACTURING -----		713	39.5	172.00		
NONMANUFACTURING -----	1,146	39.5	281.50	MANUFACTURING -----		196	40.0	176.50	PUBLIC UTILITIES -----		66	40.0	173.50		
PUBLIC UTILITIES -----	222	40.0	294.50	NONMANUFACTURING -----		1,216	39.5	172.00	WHOLESALE TRADE -----		261	40.0	181.00		
WHOLESALE TRADE -----	655	39.5	290.00	WHOLESALE TRADE -----		334	40.0	185.00	RETAIL TRADE -----		158	40.0	155.00		
RETAIL TRADE -----	56	39.5	234.50	RETAIL TRADE -----		72	40.0	163.50	FINANCE -----		108	39.0	173.50		
FINANCE -----	109	39.0	237.50	FINANCE -----		231	38.5	151.00	SERVICES -----		120	39.5	174.00		
SERVICES -----	104	40.0	271.50	SERVICES -----		350	39.5	168.00	ORDER CLERKS -----		761	40.0	175.50		
SECRETARIES, CLASS C -----	1,851	39.5	259.50	TYPISTS, CLASS A -----		520	39.5	188.00	MANUFACTURING -----		197	40.0	196.50		
MANUFACTURING -----	502	40.0	262.00	MANUFACTURING -----		88	40.0	189.00	NONMANUFACTURING -----		564	40.0	168.50		
NONMANUFACTURING -----	1,349	39.5	258.50	NONMANUFACTURING -----		432	39.5	187.50	WHOLESALE TRADE -----		403	40.0	183.00		
PUBLIC UTILITIES -----	243	40.0	293.50	PUBLIC UTILITIES -----		145	40.0	188.50	RETAIL TRADE -----		161	40.0	132.00		
WHOLESALE TRADE -----	545	39.5	271.00	FINANCE -----		53	38.5	164.50	ORDER CLERKS, CLASS A -----		105	40.0	248.50		
RETAIL TRADE -----	151	40.0	229.00	SERVICES -----		196	39.5	193.00	MANUFACTURING -----		55	40.0	238.50		
FINANCE -----	236	38.5	223.00												
SERVICES -----	174	40.0	246.50												

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, Houston, Tex., April 1979—Continued

Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)	
		Weekly hours (standard)	Weekly earnings ¹ (standard)			Weekly hours (standard)	Weekly earnings ¹ (standard)			Weekly hours (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			
ORDER CLERKS - CONTINUED				KEY ENTRY OPERATORS - CONTINUED				COMPUTER PROGRAMMERS (BUSINESS) - CONTINUED			
ORDER CLERKS, CLASS R -----	656	40.0	\$ 164.00	KEY ENTRY OPERATORS, CLASS R ----	1,372	40.0	\$ 180.50	COMPUTER PROGRAMMERS (BUSINESS) +			
MANUFACTURING -----	142	40.0	180.00	MANUFACTURING -----	218	40.0	190.50	CLASS C -----	71	40.0	\$ 264.00
NONMANUFACTURING -----	514	40.0	159.50	NONMANUFACTURING -----	1,154	39.5	178.50	NONMANUFACTURING -----	65	40.0	267.00
WHOLESALE TRADE -----	353	39.5	172.00	PUBLIC UTILITIES -----	170	40.0	195.50	COMPUTER OPERATORS -----	871	39.5	239.50
RETAIL TRADE -----	161	40.0	132.00	WHOLESALE TRADE -----	557	40.0	174.00	MANUFACTURING -----	130	40.0	261.00
ACCOUNTING CLERKS -----	5,821	40.0	194.00	RETAIL TRADE -----	138	40.0	176.00	NONMANUFACTURING -----	741	39.5	236.00
MANUFACTURING -----	1,404	40.0	204.50	FINANCE -----	176	39.0	180.50	WHOLESALE TRADE -----	186	40.0	257.00
NONMANUFACTURING -----	4,417	40.0	193.50	SERVICES -----	113	39.5	176.00	FINANCE -----	209	39.5	212.00
PUBLIC UTILITIES -----	653	40.0	224.50					SERVICES -----	197	39.0	232.50
WHOLESALE TRADE -----	1,333	40.0	203.00	PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN				COMPUTER OPERATORS, CLASS A ----	166	39.5	299.50
RETAIL TRADE -----	1,212	40.0	165.50					NONMANUFACTURING -----	137	39.5	292.50
FINANCE -----	717	39.0	179.00					SERVICES -----	53	39.0	273.00
SERVICES -----	502	39.5	191.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS) -				COMPUTER OPERATORS, CLASS B ----	521	39.5	235.00
ACCOUNTING CLERKS, CLASS A -----	2,041	40.0	222.00	MANUFACTURING -----	678	39.5	410.50	MANUFACTURING -----	92	40.0	242.00
MANUFACTURING -----	590	40.0	232.00	NONMANUFACTURING -----	170	40.0	403.50	NONMANUFACTURING -----	429	39.5	233.50
NONMANUFACTURING -----	1,451	40.0	217.50	NONMANUFACTURING -----	508	39.5	413.00	PUBLIC UTILITIES -----	67	40.0	252.50
PUBLIC UTILITIES -----	206	40.0	244.00	PUBLIC UTILITIES -----	165	40.0	391.00	WHOLESALE TRADE -----	105	40.0	247.00
WHOLESALE TRADE -----	626	40.0	222.50	WHOLESALE TRADE -----	166	39.5	416.00	FINANCE -----	100	39.5	216.50
RETAIL TRADE -----	182	40.0	205.50	FINANCE -----	112	38.5	418.00	SERVICES -----	124	39.0	224.00
FINANCE -----	280	39.0	186.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	222	39.5	477.50	COMPUTER OPERATORS, CLASS C ----	184	39.5	198.50
SERVICES -----	157	39.5	208.50	NONMANUFACTURING -----	175	39.5	479.00	NONMANUFACTURING -----	175	39.5	197.00
ACCOUNTING CLERKS, CLASS B -----	3,740	40.0	178.50	WHOLESALE TRADE -----	57	40.0	487.00	WHOLESALE TRADE -----	56	40.0	227.00
MANUFACTURING -----	814	40.0	185.00	FINANCE -----	60	38.5	476.50	FINANCE -----	66	39.0	167.50
NONMANUFACTURING -----	2,926	40.0	174.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	324	40.0	396.00	DRAFTERS -----	2,968	40.0	308.50
PUBLIC UTILITIES -----	447	40.0	236.00	MANUFACTURING -----	96	40.0	389.50	MANUFACTURING -----	1,121	40.0	288.00
WHOLESALE TRADE -----	707	40.0	186.00	NONMANUFACTURING -----	228	40.0	398.50	NONMANUFACTURING -----	1,847	40.0	314.50
RETAIL TRADE -----	1,030	40.0	158.00	WHOLESALE TRADE -----	80	40.0	387.50	PUBLIC UTILITIES -----	262	40.0	307.50
FINANCE -----	397	39.0	168.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	132	39.5	334.50	WHOLESALE TRADE -----	249	40.0	262.50
SERVICES -----	745	39.5	187.50	NONMANUFACTURING -----	105	39.5	335.00	SERVICES -----	1,322	40.0	326.00
PAYROLL CLERKS -----	755	40.0	206.00	PUBLIC UTILITIES -----	56	40.0	333.00	DRAFTERS, CLASS A -----	1,285	40.0	371.00
MANUFACTURING -----	231	40.0	222.50	COMPUTER PROGRAMMERS (BUSINESS) -----	551	40.0	343.50	MANUFACTURING -----	402	40.0	355.00
NONMANUFACTURING -----	524	39.5	199.50	MANUFACTURING -----	105	40.0	348.50	NONMANUFACTURING -----	883	40.0	378.50
PUBLIC UTILITIES -----	48	40.0	260.50	NONMANUFACTURING -----	446	39.5	342.50	PUBLIC UTILITIES -----	83	40.0	362.50
WHOLESALE TRADE -----	126	40.0	208.50	WHOLESALE TRADE -----	94	40.0	338.00	DRAFTERS, CLASS B -----	910	40.0	284.00
RETAIL TRADE -----	147	40.0	189.00	FINANCE -----	89	38.5	303.50	MANUFACTURING -----	363	40.0	283.50
FINANCE -----	90	38.5	198.50	SERVICES -----	171	40.0	352.50	NONMANUFACTURING -----	547	40.0	284.00
SERVICES -----	113	40.0	178.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	191	39.5	385.50	PUBLIC UTILITIES -----	130	40.0	304.00
KEY ENTRY OPERATORS -----	2,070	40.0	191.00	NONMANUFACTURING -----	169	39.5	385.00	WHOLESALE TRADE -----	118	40.0	276.00
MANUFACTURING -----	394	40.0	198.50	SERVICES -----	77	40.0	394.50	SERVICES -----	285	40.0	277.50
NONMANUFACTURING -----	1,674	39.5	189.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	289	40.0	335.50	DRAFTERS, CLASS C -----	693	40.0	221.50
PUBLIC UTILITIES -----	252	40.0	211.00	MANUFACTURING -----	77	40.0	346.50	MANUFACTURING -----	314	40.0	221.00
WHOLESALE TRADE -----	819	40.0	186.50	NONMANUFACTURING -----	212	39.5	331.50	NONMANUFACTURING -----	379	40.0	222.00
RETAIL TRADE -----	206	40.0	181.50	FINANCE -----	51	39.0	285.00	SERVICES -----	214	40.0	214.00
FINANCE -----	223	39.0	183.00	SERVICES -----	67	40.0	342.00	DRAFTER-TRACERS -----	80	40.0	192.50
SERVICES -----	176	39.5	187.00					ELECTRONICS TECHNICIANS -----	1,960	40.0	289.00
KEY ENTRY OPERATORS, CLASS A -----	698	40.0	211.50					MANUFACTURING -----	999	40.0	273.00
MANUFACTURING -----	176	40.0	208.00					NONMANUFACTURING -----			
NONMANUFACTURING -----	522	39.5	212.50					PUBLIC UTILITIES -----	44	40.0	377.50
PUBLIC UTILITIES -----	82	40.0	287.00								
WHOLESALE TRADE -----	262	40.0	213.00								
RETAIL TRADE -----	68	40.0	193.50								
SERVICES -----	63	40.0	206.50								

See footnotes at end of tables.

**Table A-3. Average weekly earnings of office, professional, and technical workers, by sex,
Houston, Tex., April 1979—Continued**

Occupation, sex, ³ and industry division	Number of workers	Average (mean) ¹		Occupation, sex, ³ and industry division	Number of workers	Average (mean) ¹		Occupation, sex, ³ and industry division	Number of workers	Average (mean) ¹	
		Weekly hours ² (standard)	Weekly earnings ¹ (standard)			Weekly hours ² (standard)	Weekly earnings ¹ (standard)			Weekly hours ² (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 - CONTINUED				COMPUTER SYSTEMS ANALYSTS (BUSINESS) - CONTINUED				DRAFTERS -----	482	40.0	\$ 254.00
ELECTRONICS TECHNICIANS, CLASS A - MANUFACTURING -----	465	40.0	330.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	114	39.5	310.00	MANUFACTURING -----	146	40.0	254.50
NONMANUFACTURING -----	250	40.0	317.00	NONMANUFACTURING -----	101	39.5	308.00	NONMANUFACTURING -----	336	40.0	253.50
PUBLIC UTILITIES -----	215	40.0	347.00	PUBLIC UTILITIES -----	42	40.0	323.00	SERVICES -----	252	40.0	244.00
	30	40.0	392.00					DRAFTERS, CLASS A -----	106	40.0	297.00
ELECTRONICS TECHNICIANS, CLASS B - MANUFACTURING -----	1,087	40.0	292.50	COMPUTER PROGRAMMERS (BUSINESS) --- NONMANUFACTURING: -----	227	40.0	324.00	NONMANUFACTURING -----	95	40.0	288.50
	473	40.0	274.50	SERVICES -----	70	40.0	343.00	DRAFTERS, CLASS B -----	166	40.0	277.00
ELECTRONICS TECHNICIANS, CLASS C - MANUFACTURING -----	408	40.0	231.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	104	40.0	320.00	MANUFACTURING -----	67	40.0	274.50
	276	40.0	232.00					NONMANUFACTURING -----	99	40.0	276.50
PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN				COMPUTER OPERATORS -----	359	39.5	228.00	SERVICES -----	56	40.0	266.50
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	258	39.5	362.00	MANUFACTURING -----	130	40.0	228.00	DRAFTERS, CLASS C -----	187	40.0	214.50
NONMANUFACTURING -----	227	39.5	359.50	NONMANUFACTURING -----	229	39.5	228.00	MANUFACTURING -----	59	40.0	211.50
WHOLESALE TRADE -----	109	39.0	356.00	WHOLESALE TRADE -----	79	40.0	218.50	NONMANUFACTURING -----	128	40.0	215.50
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	112	39.5	387.50	SERVICES -----	50	38.5	224.00	SERVICES -----	102	40.0	206.00
NONMANUFACTURING -----	102	39.5	391.00	COMPUTER OPERATORS, CLASS B -----	229	40.0	226.50	REGISTERED INDUSTRIAL NURSES -----	122	40.0	293.50
WHOLESALE TRADE -----	57	39.0	383.50	MANUFACTURING -----	110	40.0	228.50	MANUFACTURING -----	103	40.0	292.00
				NONMANUFACTURING -----	119	40.0	224.50				
				WHOLESALE TRADE -----	57	40.0	217.00				
				COMPUTER OPERATORS, CLASS C -----	107	39.5	219.00				
				NONMANUFACTURING -----	94	39.5	221.50				

See footnotes at end of tables.

Table A-4. Hourly earnings of maintenance, toolroom, and powerplant workers, Houston, Tex., April 1979

[illegible]

* Workers were distributed as follows: 38 at \$3.20 to \$3.40; 8 at \$3.40 to \$3.60; 126 at \$4 to \$4.20; 15 at \$4.20 to \$4.40; 15 at \$4.40 to \$4.60; 18 at \$4.60 to \$4.80; and 203 at \$4.80 to \$5.

See footnotes at end of tables.

Table A-5. Hourly earnings of material movement and custodial workers, Houston, Tex., April 1979

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	\$ 2.80 and under	\$ 3.00	\$ 3.20	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.80	\$ 5.20	\$ 5.60	\$ 6.00	\$ 6.40	\$ 6.80	\$ 7.20	\$ 7.60	\$ 8.00	\$ 8.40	\$ 8.80	\$ 9.20	\$ 9.60	\$ 10.00 and over	
					3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.80	5.20	5.60	6.00	6.40	6.80	7.20	7.60	8.00	8.40	8.80	9.20	9.60	10.00	over	
TRUCKDRIVERS -----	7,551	\$ 6.34	\$ 5.60	\$ 4.75- 8.74	4	123	134	229	228	3	456	234	631	1073	614	713	397	356	21	61	7	10	768	99	648	-	742	
MANUFACTURING -----	1,873	5.65	5.60	5.16- 5.60	-	-	-	-	-	-	211	23	90	161	432	599	120	79	8	8	-	4	25	53	60	-	-	
NONMANUFACTURING -----	5,678	6.57	5.70	4.64- 8.74	4	123	134	229	228	3	245	211	541	912	182	114	277	277	13	53	7	6	743	46	588	-	*742	
PUBLIC UTILITIES -----	2,673	8.00	9.15	5.17-10.34	-	-	-	-	4	-	-	5	38	689	68	20	90	152	2	-	-	-	229	46	588	-	742	
WHOLESALE TRADE -----	1,672	4.75	4.50	3.75- 5.00	-	20	60	139	202	3	130	200	441	109	68	52	103	30	-	-	-	-	115	-	-	-	-	
RETAIL TRADE -----	1,161	6.35	6.14	4.50- 8.74	4	15	36	86	18	-	115	6	62	76	46	42	84	95	11	53	7	6	399	-	-	-	-	
SERVICES -----	172	3.51	3.00	3.00- 3.40	-	88	38	4	4	-	-	-	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCKDRIVERS, LIGHT TRUCK -----	1,329	4.38	4.48	3.50- 4.75	4	119	134	153	51	3	162	22	388	91	37	48	67	9	6	-	-	4	4	25	2	-	-	
MANUFACTURING -----	273	5.88	5.86	4.95- 6.00	-	-	-	-	-	-	-	5	40	25	33	45	62	4	4	-	-	4	4	25	2	-	-	
NONMANUFACTURING -----	1,056	3.99	4.00	3.50- 4.64	4	119	134	153	51	3	162	17	328	66	4	3	5	5	2	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	630	4.20	4.48	3.75- 4.64	-	20	60	63	45	3	63	15	324	37	-	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	273	3.88	3.50	3.50- 4.00	4	11	36	86	2	-	99	2	4	10	4	3	5	5	2	-	-	-	-	-	-	-	-	
SERVICES -----	153	3.32	3.00	3.00- 3.25	-	88	38	4	4	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCKDRIVERS, MEDIUM TRUCK -----	2,079	5.85	5.19	4.25- 6.81	-	4	-	76	153	-	237	178	226	205	232	98	39	108	14	41	-	-	30	74	364	-	-	
MANUFACTURING -----	510	5.43	5.39	4.15- 5.90	-	-	-	-	-	-	154	18	29	21	131	60	25	9	4	1	-	-	20	28	10	-	-	
NONMANUFACTURING -----	1,569	5.99	5.03	4.25- 8.90	-	4	-	76	153	-	83	160	197	184	101	38	14	99	10	40	-	-	10	46	354	-	-	
PUBLIC UTILITIES -----	499	8.53	9.30	9.03- 9.40	-	-	-	-	-	-	-	-	26	40	22	-	-	-	2	-	-	-	9	46	354	-	-	
WHOLESALE TRADE -----	693	4.38	4.25	3.75- 4.75	-	-	-	76	137	-	67	156	113	59	46	26	3	10	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	358	5.60	5.20	4.75- 6.57	-	4	-	-	16	-	16	4	58	66	33	12	11	89	8	40	-	-	1	-	-	-	-	
TRUCKDRIVERS, HEAVY TRUCK -----	1,775	5.98	5.54	5.17- 5.60	-	-	-	-	-	-	-	-	-	710	263	482	56	12	-	-	-	-	132	-	-	-	120	
MANUFACTURING -----	819	5.54	5.60	5.54- 5.60	-	-	-	-	-	-	-	-	-	62	263	482	-	12	-	-	-	-	-	-	-	-	-	
TRUCKDRIVERS, TRACTOR-TRAILER -----	2,310	8.13	8.74	6.35-10.34	-	-	-	-	24	-	57	34	17	67	82	85	230	223	1	20	7	6	601	-	234	-	*622	
MANUFACTURING -----	213	5.46	5.16	4.15- 6.50	-	-	-	-	-	-	57	-	1	53	5	12	28	50	-	7	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,097	8.40	8.78	6.40-10.34	-	-	-	-	24	-	-	34	16	14	77	73	202	173	1	13	7	6	601	-	234	-	622	
PUBLIC UTILITIES -----	1,274	8.93	9.50	6.40-10.34	-	-	-	-	4	-	-	5	12	1	46	20	90	152	-	-	-	-	88	-	234	-	622	
WHOLESALE TRADE -----	349	6.48	6.00	5.30- 8.47	-	-	-	-	20	-	-	29	4	13	22	26	100	20	-	-	-	-	115	-	-	-	-	
RETAIL TRADE -----	474	8.19	8.74	8.74- 8.78	-	-	-	-	-	-	-	-	-	-	9	27	12	1	1	13	7	6	398	-	-	-	-	
SHIPPERS -----	261	5.98	5.53	5.72- 6.75	-	-	-	-	10	3	21	10	5	25	59	21	22	27	11	3	-	16	25	1	1	-	1	
MANUFACTURING -----	137	6.16	6.00	5.50- 6.62	-	-	-	-	9	1	-	1	4	6	29	17	21	17	10	3	-	16	-	1	1	-	1	
NONMANUFACTURING -----	124	5.77	5.38	4.24- 6.75	-	-	-	-	1	2	21	9	1	19	30	4	1	10	1	-	-	-	25	-	-	-	-	
WHOLESALE TRADE -----	108	5.87	5.38	4.24- 6.75	-	-	-	-	-	-	20	8	-	18	27	-	-	10	-	-	-	-	25	-	-	-	-	
RECEIVERS -----	772	5.90	5.91	4.68- 6.63	-	20	3	51	17	9	33	18	75	48	64	79	124	63	24	16	2	14	57	19	5	2	29	
MANUFACTURING -----	259	6.77	6.15	5.20- 8.25	-	-	-	-	-	-	13	-	26	18	13	58	3	24	23	4	2	14	7	18	5	2	*29	
NONMANUFACTURING -----	513	5.86	5.35	4.21- 6.30	-	20	3	51	17	9	20	18	49	30	51	21	121	39	1	12	-	-	50	1	-	-	-	
WHOLESALE TRADE -----	190	4.58	4.32	3.58- 5.29	-	20	-	47	-	-	16	13	21	18	20	3	24	-	-	-	-	-	8	-	-	-	-	
RETAIL TRADE -----	292	6.11	6.20	5.20- 6.45	-	-	3	3	17	2	4	3	20	9	21	18	97	39	1	12	-	-	42	1	-	-	-	
SHIPPERS AND RECEIVERS -----	421	5.10	5.00	4.52- 5.59	-	-	1	-	1	1	96	6	28	133	57	31	44	6	6	-	11	-	-	-	-	-	-	
MANUFACTURING -----	238	4.99	4.80	4.07- 5.80	-	-	1	-	1	1	96	6	11	34	17	31	21	6	3	-	11	-	-	-	-	-	-	
NONMANUFACTURING -----	183	5.25	5.00	5.00- 5.57	-	-	-	-	1	-	-	-	17	99	40	-	23	-	3	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	165	5.32	5.00	5.00- 5.59	-	-	-	-	-	-	-	-	-	99	40	-	23	-	3	-	-	-	-	-	-	-	-	
WAREHOUSEMEN -----	1,266	5.29	4.95	4.25- 5.92	-	2	4	12	19	37	70	282	133	189	87	165	25	60	89	17	28	3	5	1	6	32	-	
MANUFACTURING -----	610	5.93	5.74	4.94- 6.48	-	-	-	-	18	-	18	-	69	88	65	124	20	44	59	8	27	3	5	1	6	32	-	
NONMANUFACTURING -----	656	4.69	4.25	4.25- 4.95	-	2	4	12	19	19	70	241	69	101	22	41	5	16	30	9	1	-	-	-	-	-	-	
WHOLESALE TRADE -----	472	4.45	4.25	4.25- 4.40	-	-	-	-	19	19	69	241	55	18	8	23	-	10	10	-	-	-	-	-	-	-	-	

* Workers were at \$10 to \$10.40.

See footnotes at end of tables.

Table A-5. Hourly earnings of material movement and custodial workers, Houston, Tex., April 1979—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
					2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	5.00	5.20	5.60	6.00	6.40	6.80	7.20	7.60	8.00	8.40	8.80	9.20	9.60	10.00	and over		
					3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	5.00	5.20	5.60	6.00	6.40	6.80	7.20	7.60	8.00	8.40	8.80	9.20	9.60	10.00	over			
ORDER FILLERS -----	2,997	\$ 5.30	\$ 4.89	\$ 4.05-5.29	48	211	48	128	143	100	106	247	309	365	91	220	273	181	77	35	16	253	146	-	-	-	-	-	-	-	
MANUFACTURING -----	225	6.24	5.80	5.77-6.83	-	-	-	-	-	-	-	-	-	-	-	-	119	45	1	44	12	4	-	-	-	-	-	-	-		
NONMANUFACTURING -----	2,772	5.22	4.89	4.00-6.20	48	211	48	128	143	100	106	247	309	365	91	101	228	180	33	23	12	253	146	-	-	-	-	-	-		
WHOLESALE TRADE -----	1,705	5.08	4.85	3.86-5.75	-	140	20	120	130	47	84	151	146	341	68	62	71	18	33	18	11	245	-	-	-	-	-	-	-		
RETAIL TRADE -----	1,067	5.46	5.25	4.30-6.45	48	71	28	8	13	53	22	96	163	24	23	39	157	162	-	5	1	8	146	-	-	-	-	-	-		
SHIPPING PACKERS -----	538	4.05	3.60	2.95-4.59	174	6	64	16	51	19	31	24	29	9	3	4	72	36	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	417	4.12	3.25	2.95-6.00	174	6	48	6	1	19	8	11	20	9	3	4	72	36	-	-	-	-	-	-	-	-	-	-	-		
MATERIAL HANDLING LABORERS -----	3,230	4.74	4.50	3.75-5.12	42	119	136	202	469	115	260	232	347	616	99	37	34	186	65	204	-	67	-	-	-	-	-	-	-		
MANUFACTURING -----	1,037	5.28	4.75	4.30-7.12	-	27	22	-	24	-	66	137	265	107	68	29	21	6	62	203	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	2,193	4.49	4.00	3.75-5.12	42	92	114	202	445	115	194	95	82	509	31	8	13	180	3	1	67	-	-	-	-	-	-	-	-		
WHOLESALE TRADE -----	1,432	4.39	4.00	3.75-5.12	34	67	58	66	409	8	145	65	39	474	10	-	10	-	-	-	52	-	-	-	-	-	-	-	-		
RETAIL TRADE -----	577	4.26	3.85	3.50-4.60	8	27	51	132	31	78	49	30	43	33	21	7	10	41	-	1	-	15	-	-	-	-	-	-	-		
FORKLIFT OPERATORS -----	1,839	6.22	6.15	4.85-7.54	-	2	31	10	16	10	143	69	162	121	221	132	73	244	41	147	72	74	277	-	-	-	-	42			
MANUFACTURING -----	899	6.09	5.95	4.75-7.33	-	2	11	10	16	1	114	19	88	68	78	54	45	78	36	135	70	-	78	-	-	-	-	36			
NONMANUFACTURING -----	940	6.36	6.33	5.19-8.35	-	-	20	-	-	9	29	50	74	53	143	78	28	168	5	12	2	74	189	-	-	-	-	6			
PUBLIC UTILITIES -----	91	6.88	7.54	4.67-8.78	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	12	-	-	33	-	-	-	-	6			
WHOLESALE TRADE -----	451	6.09	5.59	5.59-6.47	-	-	20	-	-	9	18	-	-	40	140	55	18	50	-	-	-	74	27	-	-	-	-	-			
RETAIL TRADE -----	398	6.54	6.55	4.82-8.49	-	-	-	-	-	9	20	32	34	13	3	23	10	118	5	-	2	-	129	-	-	-	-	-			
GUARDS -----	3,781	4.00	3.53	3.22-4.17	441	413	476	701	506	146	167	109	231	207	94	19	17	12	33	20	41	1	14	25	26	76	6	6			
MANUFACTURING -----	361	7.51	7.92	5.50-9.53	-	-	-	-	-	-	8	8	27	31	25	10	2	11	32	20	39	1	14	25	26	76	6	6			
NONMANUFACTURING -----	3,420	3.63	3.50	3.20-3.82	441	413	476	701	506	146	159	101	204	176	69	9	15	1	1	-	2	-	-	-	-	-	-	-			
FINANCE -----	204	4.34	4.30	3.70-4.78	-	-	42	4	31	-	-	26	52	15	32	-	1	-	1	-	-	-	-	-	-	-	-	-			
SERVICES -----	3,030	3.52	3.50	3.15-3.65	440	410	431	674	463	129	146	48	123	140	24	2	-	-	-	-	-	-	-	-	-	-	-	-			
GUARDS, CLASS B -----	3,781	4.00	3.53	3.22-4.17	441	413	476	701	506	146	167	109	231	207	94	19	17	12	33	20	41	1	14	25	26	76	6	6			
MANUFACTURING -----	361	7.51	7.92	5.50-9.53	-	-	-	-	-	-	8	8	27	31	25	10	2	11	32	20	39	1	14	25	26	76	6	6			
NONMANUFACTURING -----	3,420	3.63	3.50	3.20-3.82	441	413	476	701	506	146	159	101	204	176	69	9	15	1	1	-	2	-	-	-	-	-	-	-			
FINANCE -----	204	4.34	4.30	3.70-4.78	-	-	42	4	31	-	-	26	52	15	32	-	1	-	1	-	-	-	-	-	-	-	-	-			
SERVICES -----	3,030	3.52	3.50	3.15-3.65	440	410	431	674	463	129	146	48	123	140	24	2	-	-	-	-	-	-	-	-	-	-	-	-			
JANITORS, PORTERS, AND CLEANERS -----	11,526	3.33	2.90	2.90-3.25	7003	1543	501	415	379	196	248	147	192	209	121	244	21	2	106	52	9	90	48	-	-	-	-	-			
MANUFACTURING -----	1,370	5.03	4.86	4.00-5.75	15	49	71	40	50	105	123	84	110	188	87	225	18	2	90	52	8	27	26	-	-	-	-	-			
NONMANUFACTURING -----	10,156	3.11	2.90	2.90-3.00	6988	1494	430	375	329	91	125	63	82	21	34	19	3	-	16	-	1	63	22	-	-	-	-	-			
PUBLIC UTILITIES -----	130	4.47	4.03	3.41-4.67	10	4	15	18	6	11	2	18	16	2	5	2	-	-	16	-	-	5	-	-	-	-	-	-			
WHOLESALE TRADE -----	244	4.34	3.75	3.50-4.25	1	18	24	62	25	14	33	20	12	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-			
RETAIL TRADE -----	841	3.80	3.40	3.03-3.75	139	126	145	120	112	29	41	8	18	8	29	17	3	-	-	-	1	23	22	-	-	-	-	-			
SERVICES -----	7,777	2.98	2.90	2.90-2.95	5882	1265	245	91	176	37	39	17	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

See footnotes at end of tables.

Table A-6. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex, Houston, Tex., April 1979

Occupation, sex, ¹ and industry division	Number of workers	Average (mean ²) hourly earnings ³	Occupation, sex, ¹ and industry division	Number of workers	Average (mean ²) hourly earnings ³	Occupation, sex, ¹ and industry division	Number of workers	Average (mean ²) hourly earnings ³
MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MEN		\$	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		\$	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		\$
MAINTENANCE CARPENTERS -----	304	9.10	TRUCKDRIVERS - CONTINUED			FORKLIFT OPERATORS -----	1,785	6.21
MANUFACTURING -----	189	9.64	TRUCKDRIVERS, LIGHT TRUCK -----	1,267	4.43	MANUFACTURING -----	859	6.07
MAINTENANCE ELECTRICIANS -----	1,341	9.45	MANUFACTURING -----	273	5.88	NONMANUFACTURING -----	926	6.34
MANUFACTURING -----	1,244	9.49	NONMANUFACTURING -----	994	4.03	PUBLIC UTILITIES -----	91	6.88
MAINTENANCE PAINTERS -----	255	8.63	WHOLESALE TRADE -----	610	4.23	WHOLESALE TRADE -----	451	6.09
MANUFACTURING -----	124	9.22	RETAIL TRADE -----	234	3.94	RETAIL TRADE -----	384	6.50
NONMANUFACTURING -----	131	8.08	SERVICES -----	150	3.32			
MAINTENANCE MACHINISTS -----	898	9.35	TRUCKDRIVERS, MEDIUM TRUCK -----	1,994	5.79	GUARDS -----	2,854	4.12
MANUFACTURING -----	764	9.44	MANUFACTURING -----	510	5.43	MANUFACTURING -----	337	7.54
MAINTENANCE MECHANICS (MACHINERY) -	2,225	8.87	NONMANUFACTURING -----	1,484	5.92	NONMANUFACTURING -----	2,517	3.66
MANUFACTURING -----	1,935	8.85	PUBLIC UTILITIES -----	477	8.50	FINANCE -----	197	4.35
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	1,225	8.15	WHOLESALE TRADE -----	693	4.38	SERVICES -----	2,174	3.54
MANUFACTURING -----	247	7.42	TRUCKDRIVERS, HEAVY TRUCK -----	1,768	5.98	GUARDS, CLASS R -----	2,854	4.12
NONMANUFACTURING -----	978	8.33	MANUFACTURING -----	812	5.54	MANUFACTURING -----	337	7.54
PUBLIC UTILITIES -----	778	8.49	TRUCKDRIVERS, TRACTOR-TRAILER -----	2,302	8.13	NONMANUFACTURING -----	2,517	3.66
MAINTENANCE PIPEFITTERS -----	1,272	9.52	MANUFACTURING -----	213	5.46	FINANCE -----	197	4.35
MANUFACTURING -----	889	9.70	NONMANUFACTURING -----	2,089	8.40	SERVICES -----	2,174	3.54
MAINTENANCE SHEET-METAL WORKERS ---	90	9.31	PUBLIC UTILITIES -----	1,274	8.93	JANITORS, PORTERS, AND CLEANERS ---	5,744	3.56
MANUFACTURING -----	90	9.31	WHOLESALE TRADE -----	349	6.48	MANUFACTURING -----	1,368	5.12
MILLWRIGHTS -----	213	9.39	RETAIL TRADE -----	466	8.39	NONMANUFACTURING -----	4,676	3.20
MANUFACTURING -----	149	9.51	SHIPPERS -----	204	6.10	PUBLIC UTILITIES -----	39	6.20
MAINTENANCE TRADES HELPERS: -----			MANUFACTURING -----	99	6.25	WHOLESALE TRADE -----	195	4.53
MANUFACTURING -----	201	5.84	NONMANUFACTURING -----	105	5.95	RETAIL TRADE -----	545	3.82
MACHINE-TOOL OPERATORS (TOOLROOM) -	302	8.33	WHOLESALE TRADE -----	100	6.00	SERVICES -----	3,485	3.01
MANUFACTURING -----	302	8.33	RECEIVERS -----	673	5.95	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - WOMEN		
TOOL AND DIE MAKERS -----	285	8.45	MANUFACTURING -----	234	6.79	TRUCKDRIVERS, LIGHT TRUCK -----	62	3.38
MANUFACTURING -----	285	8.45	NONMANUFACTURING -----	439	5.50	NONMANUFACTURING -----	62	3.38
STATIONARY ENGINEERS -----	707	7.83	WHOLESALE TRADE -----	160	4.64	SHIPPERS AND RECEIVERS -----	60	5.13
MANUFACTURING -----	257	9.14	RETAIL TRADE -----	250	6.15	MANUFACTURING -----	60	5.13
NONMANUFACTURING -----	450	7.09	SHIPPERS AND RECEIVERS -----	361	5.10	ORDER FILLERS -----	1,029	4.53
FINANCE -----	325	6.95	MANUFACTURING -----	178	4.94	NONMANUFACTURING -----	961	4.42
MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			NONMANUFACTURING: -----	183	5.25	WHOLESALE TRADE -----	498	3.76
TRUCKDRIVERS -----	7,389	6.36	WHOLESALE TRADE -----	165	5.32	RETAIL TRADE -----	463	5.13
MANUFACTURING -----	1,866	5.65	WAREHOUSEMEN -----	1,077	5.24	SHIPPING PACKERS -----	331	3.55
NONMANUFACTURING -----	5,523	6.59	MANUFACTURING -----	579	5.94	MATERIAL HANDLING LABORERS -----	286	5.54
PUBLIC UTILITIES -----	2,651	7.99	NONMANUFACTURING: -----	463	4.45	NONMANUFACTURING -----	238	5.30
WHOLESALE TRADE -----	1,652	4.77	ORDER FILLERS -----	1,968	5.70	FORKLIFT OPERATORS -----	54	6.76
RETAIL TRADE -----	1,051	6.44	MANUFACTURING -----	157	6.32	GUARDS -----	925	3.61
SERVICES -----	169	3.51	NONMANUFACTURING -----	1,811	5.65	NONMANUFACTURING -----	901	3.51
			WHOLESALE TRADE -----	1,207	5.62	SERVICES -----	856	3.49
			RETAIL TRADE -----	604	5.71	GUARDS, CLASS R -----	925	3.61
			SHIPPING PACKERS -----	207	4.86	NONMANUFACTURING -----	901	3.51
			NONMANUFACTURING -----	198	4.87	SERVICES -----	856	3.49
			MATERIAL HANDLING LABORERS -----	2,923	4.67	JANITORS, PORTERS, AND CLEANERS ---	5,751	3.11
			MANUFACTURING -----	989	5.21	MANUFACTURING -----	302	4.69
			NONMANUFACTURING -----	1,934	4.39	NONMANUFACTURING -----	5,449	3.02
			PUBLIC UTILITIES -----	59	4.77	PUBLIC UTILITIES -----	91	3.73
			WHOLESALE TRADE -----	1,428	4.39	RETAIL TRADE -----	265	3.69
			RETAIL TRADE -----	447	4.35	SERVICES -----	4,292	2.95

See footnotes at end of tables.

Table A-7. Percent increases in average hourly earnings for selected occupational groups, Houston, Tex., for selected periods

Industry and occupational group ⁵	April 1972 to April 1973	April 1973 to April 1974	April 1974 to April 1975	April 1975 to April 1976	April 1976 to August 1977		August 1977 to April 1978		April 1978 to April 1979
					16-month increase	Annual rate of increase	8-month increase	Annual rate of increase	
All industries:									
Office clerical.....	4.9	6.5	11.9	7.8	10.0	7.4	6.0	9.1	8.6
Electronic data processing.....	(⁶)	(⁶)	10.6	6.3	7.8	5.8	7.9	12.1	6.6
Industrial nurses.....	3.1	9.2	12.4	8.4	13.3	9.8	6.5	9.9	7.2
Skilled maintenance trades.....	5.1	7.0	13.1	11.5	12.3	9.1	6.8	10.4	8.2
Unskilled plant workers.....	5.2	4.9	12.5	8.6	6.9	5.1	10.8	*	9.5
Manufacturing:									
Office clerical.....	4.9	4.9	12.7	8.1	11.0	8.1	5.8	8.8	7.8
Electronic data processing.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Industrial nurses.....	3.5	9.9	12.2	8.1	12.9	9.5	6.7	10.2	5.8
Skilled maintenance trades.....	4.7	7.2	14.4	11.6	11.8	8.7	7.1	10.8	9.1
Unskilled plant workers.....	5.3	6.7	12.6	8.8	13.6	10.0	8.0	*	8.4
Nonmanufacturing:									
Office clerical.....	5.0	7.0	11.6	7.7	9.7	7.2	6.0	9.1	8.8
Electronic data processing.....	(⁶)	(⁶)	10.0	5.9	7.6	5.6	7.7	11.8	6.7
Industrial nurses.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Unskilled plant workers.....	4.9	4.7	12.5	8.5	4.2	3.1	11.7	*	9.9

See footnotes at end of tables.

* Annualized rates of increase are not published for this occupational group because of the impact of the non-recurring January 1978 increase in minimum wage requirements of the Fair Labor Standards Act.

**Table A-8. Average pay relationships within establishments for white-collar occupations,
Houston, Tex., April 1979**

Occupation which equals 100	Office clerical occupation being compared—																						
	Secretaries					Stenographers		Trans- scribing- machine typist	Typists		File clerks		Messen- gers	Switch- board operators	Switch- board operator- reception- ists	Order clerks		Accounting clerks		Payroll clerks	Key entry operators		
	Class A	Class B	Class C	Class D	Class E	Senior	General		Class A	Class B	Class B	Class C				Class A	Class B	Class A	Class B		Class A	Class B	Class A
SECRETARIES, CLASS A-----	100																						
SECRETARIES, CLASS B-----	122	100																					
SECRETARIES, CLASS C-----	134	117	100																				
SECRETARIES, CLASS D-----	149	125	116	100																			
SECRETARIES, CLASS E-----	159	135	122	114	100																		
STENOGRAPHERS, SENIOR-----	173	148	133	127	117	100																	
STENOGRAPHERS, GENERAL-----	183	160	145	131	130	119	100																
TRANSCRIBING-MACHINE TYPISTS-----	166	139	126	112	113	102	100																
TYPISTS, CLASS A-----	180	147	134	124	116	106	95	97	100														
TYPISTS, CLASS B-----	176	157	147	141	136	141	116	113	115	100													
FILE CLERKS, CLASS A-----	195	163	145	130	132	114	122	111	105	100													
FILE CLERKS, CLASS B-----	209	175	159	146	147	146	128	131	137	118	120	100											
MESSENGERS-----	225	187	159	158	148	161	134	130	130	114	113	97	100										
SWITCHBOARD OPERATORS-----	176	137	128	123	115	108	98	100	102	91	87	79	79	100									
SWITCHBOARD OPERATOR- RECEPTIONISTS-----	149	140	129	118	109	112	103	100	109	92	87	82	80	89	100								
ORDER CLERKS, CLASS A-----	116	103	93	86	86	81	81	81	59	61	51	61	61	75	100	100							
ORDER CLERKS, CLASS B-----	185	151	118	108	110	105	114	94	81	90	61	61	80	100	93	160	100						
ACCOUNTING CLERKS, CLASS A-----	140	119	109	98	98	87	78	95	80	76	76	68	69	86	82	127	95	100					
ACCOUNTING CLERKS, CLASS B-----	172	145	133	123	114	113	104	101	100	87	92	83	82	101	101	171	108	128	100				
PAYROLL CLERKS-----	150	129	118	111	104	99	89	91	90	82	71	75	75	92	90	103	61	106	88	100			
KEY ENTRY OPERATORS, CLASS A-----	151	132	115	105	100	113	93	92	91	79	81	69	71	93	93	116	86	108	89	104	100		
KEY ENTRY OPERATORS, CLASS B-----	166	145	130	119	114	118	105	103	102	90	92	82	78	101	96	139	111	123	100	110	121	100	
Professional and technical occupation being compared--																							
	Computer systems analysts (business)			Computer programmers (business)			Computer operators			Drafters				Electronics technicians			Registered industrial nurses						
	Class A	Class B	Class C	Class A	Class B	Class C	Class A	Class B	Class C	Class A	Class B	Class C	Drafts- tracers	Class A	Class B	Class C							
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A-----	100																						
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B-----	119	100																					
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C-----	137	119	100																				
COMPUTER PROGRAMMERS (BUSINESS), CLASS A-----	128	112	98	100																			
COMPUTER PROGRAMMERS (BUSINESS), CLASS B-----	138	128	100	123	100																		
COMPUTER PROGRAMMERS (BUSINESS), CLASS C-----	174	151	127	151	127	100																	
COMPUTER OPERATORS, CLASS A-----	155	137	114	139	121	102	100																
COMPUTER OPERATORS, CLASS B-----	191	170	141	174	142	118	123	100															
COMPUTER OPERATORS, CLASS C-----	238	197	172	209	176	145	157	123	100														
DRAFTERS, CLASS A-----	134	120	95	120	99	80	88	60	100														
DRAFTERS, CLASS B-----	158	139	115	138	126	107	105	83	72	129	100												
DRAFTERS, CLASS C-----	199	178	146	168	160	127	128	108	92	160	130	100											
DRAFTER-TRACERS-----	230	205	170	217	182	148	144	122	111	170	144	119	100										
ELECTRONICS TECHNICIANS, CLASS A-----	131	110	88	101	101	101	90	71	72	107	88	70	65	100									
ELECTRONICS TECHNICIANS, CLASS B-----	161	141	111	141	121	101	111	81	79	127	100	78	61	117	100								
ELECTRONICS TECHNICIANS, CLASS C-----	193	159	130	161	141	111	141	95	61	147	120	93	61	142	125	100							
REGISTERED INDUSTRIAL NURSES-----	155	132	112	123	121	99	104	86	66	135	101	86	83	100	100	100	100	100	100	100	100	100	

See note under table A-9 and footnote at end of tables.

**Table A-9. Average pay relationships within establishments for blue-collar occupations,
Houston, Tex., April 1979**

Occupation which equals 100	Maintenance, toolroom, and powerplant occupation being compared—													
	Carpenters	Electricians	Painters	Machinists	Mechanics		Pipefitters	Sheet-metal workers	Millwrights	Trades helpers	Machine-tool operators (toolroom)	Tool and die makers	Stationary engineers	
					Machinery	Motor vehicles								
MAINTENANCE CARPENTERS-----	100													
MAINTENANCE ELECTRICIANS-----	96	100												
MAINTENANCE PAINTERS-----	101	106	100											
MAINTENANCE MACHINISTS-----	102	101	100	100										
MAINTENANCE MECHANICS (MACHINERY)-----	97	101	95	99	100									
MAINTENANCE MECHANICS (MOTOR VEHICLES)-----	94	102	89	100	100	100								
MAINTENANCE PIPEFITTERS-----	102	103	101	100	101	100	100							
MAINTENANCE SHEET-METAL WORKERS-----	102	103	99	100	97	99	100	100						
MILLWRIGHTS-----	99	100	(6)	100	99	99	(6)	100	100					
MAINTENANCE TRADES HELPERS-----	103	100	103	(6)	100	(6)	(6)	(6)	(6)	100				
MACHINE-TOOL OPERATORS (TOOLROOM)-----	(6)	102	(6)	(6)	102	(6)	(6)	(6)	(6)	(6)	100			
TOOL AND DIE MAKERS-----	100	99	(6)	98	98	(6)	101	(6)	97	79	95	100		
STATIONARY ENGINEERS-----	98	101	97	100	101	100	99	103	105	80	(6)	114	100	
Material movement and custodial occupation being compared—														
Truckdrivers					Shippers	Receivers	Shippers and receivers	Warehousemen	Order fillers	Shipping packers	Material handling laborers	Forklift operators	Guards, class B	Janitors, porters, and cleaners
Light truck	Medium truck	Heavy truck	Tractor-trailer											
TRUCKDRIVERS, LIGHT TRUCK-----	100													
TRUCKDRIVERS, MEDIUM TRUCK-----	91	100												
TRUCKDRIVERS, HEAVY TRUCK-----	(6)	(6)	100											
TRUCKDRIVERS, TRACTOR-TRAILER-----	79	96	97	100										
SHIPPERS-----	82	104	(6)	99	100									
RECEIVERS-----	102	112	(6)	108	107	100								
SHIPPERS AND RECEIVERS-----	103	(6)	(6)	(6)	(6)	(6)	100							
WAREHOUSEMEN-----	103	109	(6)	112	113	95	(6)	100						
ORDER FILLERS-----	102	117	(6)	115	115	100	(6)	103	100					
SHIPPING PACKERS-----	104	129	(6)	130	122	103	132	110	100	100				
MATERIAL HANDLING LABORERS-----	119	126	(6)	122	123	120	105	117	111	117	100			
FORKLIFT OPERATORS-----	101	106	115	110	108	103	100	102	99	82	91	100		
GUARDS, CLASS B-----	115	134	(6)	168	112	122	(6)	114	126	(6)	107	124	100	
JANITORS, PORTERS, AND CLEANERS-----	120	141	(6)	131	137	128	126	127	118	116	108	120	112	100

See footnote at end of tables.

NOTE: Tables A-8 and A-9 present the average pay relationship between pairs of occupations within establishments. For example, a value of 122 indicates that earnings for the occupation directly above in the heading are 22 percent greater than earnings for the occupation directly to the left in the stub. Similarly, a value of 85 indicates earnings for the occupation in the heading are 15 percent below earnings for the occupation in the stub.

See appendix A for method of computation.

Table A-10. Weekly earnings of office workers, large establishments, Houston, Tex., April 1979

See footnotes at end of tables.

Table A-10. Weekly earnings of office workers, large establishments, Houston, Tex., April 1979—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

See footnotes at end of tables.

Table A-10. Weekly earnings of office workers, large establishments, Houston, Tex., April 1979—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

See footnotes at end of tables.

Table A-11. Weekly earnings of professional and technical workers, large establishments, Houston, Tex., April 1979

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	\$ 140 and under	\$ 160	\$ 180	\$ 200	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ 420	\$ 440	\$ 460	\$ 480	\$ 500	\$ 520	\$ 540 and over			
						140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540	over		
COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	676	39.5	\$ 394.50	\$ 385.50	\$ 339.50-435.00	-	-	-	-	-	2	15	29	54	70	60	90	63	40	53	43	27	21	23	18	28			
MANUFACTURING -----	195	40.0	401.50	391.50	345.00-437.00	-	-	-	-	-	-	-	2	17	24	20	24	23	15	20	11	8	5	5	7	12			
NONMANUFACTURING -----	481	39.5	392.00	383.50	337.50-434.00	-	-	-	-	-	2	15	27	37	46	40	64	40	65	33	32	19	14	18	11	16			
PUBLIC UTILITIES -----	229	40.0	385.00	374.00	328.00-428.00	-	-	-	-	-	-	8	20	26	17	18	30	14	31	12	16	8	5	11	6	5			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	164	40.0	473.50	473.50	425.00-519.50	-	-	-	-	-	-	-	-	-	1	-	5	8	22	21	16	16	15	19	15	* 26			
MANUFACTURING -----	53	40.0	481.50	471.50	425.50-534.00	-	-	-	-	-	-	-	-	-	-	-	1	2	4	9	8	5	4	2	6	12			
NONMANUFACTURING -----	111	39.5	470.00	474.00	418.50-516.50	-	-	-	-	-	-	-	-	-	1	-	4	6	18	12	8	11	11	17	9	14			
PUBLIC UTILITIES -----	46	40.0	476.50	483.00	424.50-517.50	-	-	-	-	-	-	-	-	-	-	-	-	4	6	4	5	3	4	11	4	5			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	308	39.5	394.00	391.50	360.00-421.50	-	-	-	-	-	-	-	1	6	36	34	54	47	51	30	23	11	6	4	3	2			
MANUFACTURING -----	102	40.0	388.50	386.50	358.50-414.50	-	-	-	-	-	-	-	-	1	15	10	22	21	11	11	3	3	1	3	1	-			
NONMANUFACTURING -----	206	39.5	397.00	396.00	361.50-427.50	-	-	-	-	-	-	-	1	5	21	24	32	26	40	19	20	8	5	1	2	2			
PUBLIC UTILITIES -----	90	40.0	395.00	402.50	355.00-433.50	-	-	-	-	-	-	-	-	4	11	15	6	8	21	7	11	6	1	-	2	-			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	204	39.5	332.00	328.00	301.50-360.50	-	-	-	-	-	2	15	28	48	33	26	31	8	7	2	4	-	-	-	-	-			
MANUFACTURING -----	164	39.5	333.00	328.00	299.50-366.50	-	-	-	-	-	2	15	26	32	24	16	28	8	7	2	4	-	-	-	-	-			
PUBLIC UTILITIES -----	93	40.0	330.50	317.00	297.50-368.00	-	-	-	-	-	-	8	20	22	6	3	25	4	4	1	-	-	-	-	-	-			
COMPUTER PROGRAMMERS (BUSINESS) -----	326	39.5	342.00	334.50	299.00-368.00	-	-	-	-	6	30	21	27	37	62	46	23	20	18	13	1	5	6	3	1	7			
MANUFACTURING -----	87	40.0	342.50	341.50	316.50-372.50	-	-	-	-	-	7	4	5	7	18	16	10	5	10	4	-	1	-	-	-	-			
NONMANUFACTURING -----	239	39.5	342.00	333.00	296.00-365.00	-	-	-	-	6	23	17	22	30	44	30	13	15	8	9	1	4	6	3	1	7			
PUBLIC UTILITIES -----	101	40.0	377.00	359.50	323.50-426.50	-	-	-	-	-	1	5	13	4	24	15	2	5	6	7	1	2	6	2	1	7			
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	115	39.5	376.50	359.50	338.50-397.50	-	-	-	-	-	2	3	11	14	31	13	16	7	5	-	3	3	1	1	5				
NONMANUFACTURING -----	91	39.5	374.50	359.50	333.50-385.50	-	-	-	-	-	2	3	10	13	26	8	13	3	1	-	2	3	1	1	5				
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	172	39.5	334.00	325.50	292.50-358.00	-	-	-	-	3	22	8	12	21	48	15	10	4	11	8	1	2	3	2	-	2			
MANUFACTURING -----	61	40.0	327.50	326.50	308.50-347.00	-	-	-	-	-	7	2	5	6	17	11	5	2	6	-	-	-	-	-	-	-			
NONMANUFACTURING -----	111	39.5	338.00	323.50	286.50-363.00	-	-	-	-	3	15	4	7	15	31	4	5	2	5	8	1	2	3	2	-	2			
COMPUTER OPERATORS -----	589	40.0	248.00	240.00	207.50-270.50	3	44	60	108	78	84	92	32	16	21	20	10	7	5	2	7	-	-	-	-	-			
MANUFACTURING -----	174	40.0	257.00	243.50	218.50-276.00	-	12	8	25	36	34	21	7	5	4	6	3	3	2	5	-	-	-	-	-	-			
NONMANUFACTURING -----	415	40.0	244.00	236.50	201.50-267.00	3	32	52	83	42	50	71	25	11	17	14	7	4	2	-	2	-	-	-	-	-			
PUBLIC UTILITIES -----	165	40.0	258.00	263.00	232.50-270.50	3	4	9	18	11	26	61	8	4	9	7	4	1	-	-	-	-	-	-	-	-			
RETAIL TRADE -----	54	40.0	230.50	235.50	201.00-248.00	-	5	7	10	11	12	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-			
COMPUTER OPERATORS, CLASS A -----	99	40.0	311.50	294.50	253.50-351.50	-	-	-	1	9	19	11	10	9	8	10	4	5	4	2	7	-	-	-	-	-			
NONMANUFACTURING -----	63	39.5	306.50	302.50	252.50-343.00	-	-	-	1	8	9	5	8	6	7	7	4	4	2	-	2	-	-	-	-	-			
COMPUTER OPERATORS, CLASS B -----	335	40.0	242.50	232.50	209.50-270.50	-	19	27	89	49	49	42	22	7	12	10	6	2	1	-	-	-	-	-	-	-			
MANUFACTURING -----	122	40.0	243.00	233.00	214.50-264.50	-	12	5	23	25	24	15	5	2	2	3	3	2	1	-	-	-	-	-	-	-			
NONMANUFACTURING -----	213	40.0	242.50	231.00	207.50-270.50	-	7	22	66	24	25	27	17	5	10	7	3	-	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES -----	68	40.0	264.00	261.00	230.50-279.50	-	-	3	9	10	11	18	4	-	5	6	2	-	-	-	-	-	-	-	-	-			
COMPUTER OPERATORS, CLASS C -----	155	40.0	218.50	218.00	187.50-263.00	3	25	33	18	20	16	39	-	-	1	-	-	-	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	139	40.0	218.00	210.50	186.50-263.00	3	25	30	16	10	16	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

* Workers were distributed as follows: 13 at \$540 to \$560; 7 at \$560 to \$580; 4 at \$580 to \$600; and 2 at \$600 to \$620.

See footnotes at end of tables.

Table A-11. Weekly earnings of professional and technical workers, large establishments, Houston, Tex., April 1979—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	\$ 140 and under	\$ 160	\$ 180	\$ 200	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	\$ 400	\$ 420	\$ 440	\$ 460	\$ 480	\$ 500	\$ 520	\$ 540		
						160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540	over		
DRAFTERS -----	1,136	40.0	\$ 288.50	\$ 283.00	\$ 236.00-336.00	-	30	80	81	113	136	118	103	93	116	112	60	26	19	9	15	14	1	8	-	2		
MANUFACTURING -----	737	40.0	293.00	286.50	237.50-340.50	-	23	62	34	63	91	62	51	50	77	83	38	11	18	9	12	14	1	6	-	2		
NONMANUFACTURING -----	429	40.0	281.50	277.50	234.00-321.00	-	7	18	47	50	45	56	52	43	39	29	22	15	1	-	3	-	-	2	-	-		
PUBLIC UTILITIES -----	203	40.0	274.50	270.50	222.50-308.00	-	3	6	36	19	27	25	27	16	13	11	9	9	1	-	1	-	-	-	-	-		
WHOLESALE TRADE -----	100	39.5	240.00	276.00	234.00-317.00	-	-	8	7	21	9	12	9	10	5	7	6	4	-	-	-	-	-	2	-	-		
DRAFTERS, CLASS A -----	352	40.0	352.50	344.00	321.50-369.50	-	-	-	-	-	16	10	27	34	69	78	39	17	17	7	14	13	1	8	-	2		
MANUFACTURING -----	238	40.0	361.50	348.50	329.00-392.50	-	-	-	-	-	13	5	12	12	42	58	32	8	16	7	11	13	1	6	-	2		
NONMANUFACTURING -----	114	40.0	334.00	330.00	305.50-355.00	-	-	-	-	-	3	5	15	22	27	20	7	9	1	-	3	-	-	2	-	-		
PUBLIC UTILITIES -----	51	40.0	334.00	331.50	299.50-363.00	-	-	-	-	-	3	2	9	7	7	9	3	9	1	-	1	-	-	-	-	-		
DRAFTERS, CLASS B -----	465	40.0	285.50	278.50	254.00-317.50	-	-	7	20	43	72	95	71	51	45	29	19	7	2	2	1	1	-	-	-	-		
MANUFACTURING -----	266	40.0	287.00	284.00	255.00-319.00	-	-	6	6	25	43	49	37	34	33	21	4	2	2	2	1	1	-	-	-	-		
NONMANUFACTURING -----	199	40.0	284.00	276.00	252.00-304.50	-	-	1	14	18	29	46	34	17	12	8	15	5	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES -----	105	40.0	274.50	271.50	247.50-297.50	-	-	1	8	10	22	23	18	9	6	2	6	-	-	-	-	-	-	-	-	-		
DRAFTERS, CLASS C -----	288	40.0	224.00	220.00	196.00-241.50	-	22	61	57	68	48	13	5	6	1	3	2	2	-	-	-	-	-	-	-	-		
MANUFACTURING -----	182	40.0	221.50	219.50	190.00-241.50	-	19	49	24	37	35	8	2	2	1	2	2	1	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	106	39.5	229.00	223.00	207.50-240.50	-	3	12	33	31	13	5	3	4	-	1	-	1	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES -----	46	40.0	210.50	211.50	204.50-219.50	-	3	4	28	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRONICS TECHNICIANS -----	1,056	40.0	278.00	269.50	244.00-304.00	-	-	-	56	172	220	225	104	109	43	61	1	4	28	22	7	1	2	-	1	-		
MANUFACTURING -----	955	40.0	274.50	268.00	244.00-297.00	-	-	-	56	169	199	211	99	102	40	21	1	4	26	22	1	1	2	-	1	-		
ELECTRONICS TECHNICIANS, CLASS A -----	278	40.0	329.50	315.00	304.00-343.00	-	-	-	-	-	-	3	37	102	43	61	1	1	16	3	7	1	2	-	1	-		
MANUFACTURING -----	224	40.0	323.50	304.00	304.00-327.00	-	-	-	-	-	-	3	37	99	40	21	1	1	14	3	1	1	2	-	1	-		
ELECTRONICS TECHNICIANS, CLASS B -----	479	40.0	277.00	269.50	253.00-278.00	-	-	-	-	10	139	222	67	7	-	-	-	3	12	19	-	-	-	-	-	-		
MANUFACTURING -----	454	40.0	277.00	269.50	253.00-278.00	-	-	-	-	10	137	208	62	3	-	-	-	3	12	19	-	-	-	-	-	-		
ELECTRONICS TECHNICIANS, CLASS C -----	299	40.0	237.50	233.50	225.00-240.50	-	-	-	56	162	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
REGISTERED INDUSTRIAL NURSES -----	110	40.0	305.50	300.50	257.00-340.50	-	-	-	1	7	20	15	11	16	11	9	11	4	2	2	-	1	-	-	-	-		
MANUFACTURING -----	82	40.0	304.50	292.50	260.50-347.00	-	-	-	-	5	15	15	7	13	6	5	8	4	2	2	-	-	-	-	-	-		

See footnotes at end of tables.

Table A-12. Average weekly earnings of office, professional, and technical workers, by sex, large establishments, Houston, Tex., April 1979

Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ 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			
MESSENGERS -----	81	39.5	\$ 151.00	STENOGRAPHERS - CONTINUED				ACCOUNTING CLERKS -----	2,479	40.0	\$ 203.00
ORDER CLERKS -----	55	40.0	270.50	STENOGRAPHERS, SENIOR -----				MANUFACTURING -----	759	40.0	210.00
ACCOUNTING CLERKS: NONMANUFACTURING: WHOLESALE TRADE -----	95	40.0	244.50	MANUFACTURING -----				NONMANUFACTURING -----	1,720	40.0	210.00
ACCOUNTING CLERKS, CLASS A -----	122	40.0	278.00	NONMANUFACTURING -----				PUBLIC UTILITIES -----	506	40.0	231.00
NONMANUFACTURING -----	91	40.0	260.50	PUBLIC UTILITIES -----				WHOLESALE TRADE -----	472	40.0	213.00
WHOLESALE TRADE -----	69	40.0	265.00	STENOGRAPHERS, GENERAL -----				RETAIL TRADE -----	577	40.0	166.50
OFFICE OCCUPATIONS - WOMEN				TRANSCRIBING-MACHINE TYPISTS -----				SERVICES -----	59	40.0	198.50
SECRETARIES -----	4,017	40.0	250.00	NONMANUFACTURING -----				ACCOUNTING CLERKS, CLASS A -----	904	40.0	236.50
MANUFACTURING -----	932	40.0	256.50	TYPISTS: -----				MANUFACTURING -----	366	40.0	235.50
NONMANUFACTURING -----	3,085	40.0	248.00	MANUFACTURING -----				NONMANUFACTURING -----	538	40.0	237.00
PUBLIC UTILITIES -----	899	40.0	260.00	NONMANUFACTURING: RETAIL TRADE -----				PUBLIC UTILITIES -----	153	40.0	265.00
WHOLESALE TRADE -----	1,165	39.5	257.00	TYPISTS, CLASS A -----				WHOLESALE TRADE -----	213	40.0	242.50
RETAIL TRADE -----	339	40.0	223.50	NONMANUFACTURING -----				RETAIL TRADE -----	101	40.0	210.00
FINANCE -----	351	39.5	220.00	TYPISTS, CLASS B: -----				ACCOUNTING CLERKS, CLASS B -----	1,575	40.0	184.00
SERVICES -----	331	40.0	237.50	NONMANUFACTURING: RETAIL TRADE -----				MANUFACTURING -----	393	40.0	196.50
SECRETARIES, CLASS A -----	186	39.5	329.00	FILE CLERKS -----				NONMANUFACTURING -----	1,182	40.0	183.00
NONMANUFACTURING -----	151	39.5	332.50	MANUFACTURING -----				WHOLESALE TRADE -----	259	39.5	188.50
SECRETARIES, CLASS B -----	780	39.5	283.50	NONMANUFACTURING -----				RETAIL TRADE -----	476	40.0	157.00
MANUFACTURING -----	129	40.0	269.00	WHOLESALE TRADE -----				PAYROLL CLERKS -----	237	40.0	214.00
NONMANUFACTURING -----	651	39.5	286.50	FILE CLERKS, CLASS B -----				MANUFACTURING -----	112	40.0	231.50
PUBLIC UTILITIES -----	185	40.0	295.00	NONMANUFACTURING -----				NONMANUFACTURING -----	125	39.5	199.00
WHOLESALE TRADE -----	370	39.5	290.50	FILE CLERKS, CLASS C -----				PUBLIC UTILITIES -----	26	40.0	241.00
SECRETARIES, CLASS C -----	942	40.0	259.50	NONMANUFACTURING -----				KEY ENTRY OPERATORS -----	962	40.0	200.50
MANUFACTURING -----	356	40.0	276.00	MESSENGERS -----				MANUFACTURING -----	241	40.0	208.50
NONMANUFACTURING -----	586	39.5	250.00	NONMANUFACTURING -----				NONMANUFACTURING -----	721	39.5	194.00
PUBLIC UTILITIES -----	56	40.0	280.50	SWITCHBOARD OPERATORS -----				PUBLIC UTILITIES -----	173	40.0	221.00
WHOLESALE TRADE -----	277	39.5	253.50	MANUFACTURING -----				WHOLESALE TRADE -----	308	39.5	194.00
RETAIL TRADE -----	107	40.0	237.50	NONMANUFACTURING -----				RETAIL TRADE -----	139	40.0	186.50
SERVICES -----	85	40.0	251.00	SWITCHBOARD OPERATOR-RECEPTIONISTS -----				KEY ENTRY OPERATORS, CLASS A -----	389	39.5	217.50
SECRETARIES, CLASS D -----	1,036	40.0	230.50	MANUFACTURING -----				MANUFACTURING -----	95	40.0	225.50
MANUFACTURING -----	227	40.0	248.00	NONMANUFACTURING -----				NONMANUFACTURING -----	294	39.5	215.00
NONMANUFACTURING -----	809	40.0	225.50	ORDER CLERKS -----				PUBLIC UTILITIES -----	79	40.0	245.00
WHOLESALE TRADE -----	273	40.0	213.50	MANUFACTURING -----				WHOLESALE TRADE -----	114	39.5	210.00
RETAIL TRADE -----	115	40.0	201.00	NONMANUFACTURING -----				RETAIL TRADE -----	59	40.0	193.50
SECRETARIES, CLASS E -----	1,015	40.0	219.50	ORDER CLERKS, CLASS B -----				KEY ENTRY OPERATORS, CLASS B -----	573	40.0	189.00
MANUFACTURING -----	185	40.0	210.50	NONMANUFACTURING -----				MANUFACTURING -----	146	40.0	197.50
NONMANUFACTURING -----	830	40.0	221.00	ORDER CLERKS -----				NONMANUFACTURING -----	427	39.5	186.50
PUBLIC UTILITIES -----	400	40.0	238.50	MANUFACTURING -----				PUBLIC UTILITIES -----	94	40.0	205.00
WHOLESALE TRADE -----	164	40.0	208.50	NONMANUFACTURING -----				WHOLESALE TRADE -----	194	40.0	184.50
STENOGRAPHERS -----	1,716	39.5	229.00	RETAIL TRADE -----				RETAIL TRADE -----	80	40.0	181.50
MANUFACTURING -----	480	40.0	258.00	ORDER CLERKS, CLASS C -----				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN			
NONMANUFACTURING -----	1,236	39.5	217.50	MANUFACTURING -----				COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	465	39.5	403.50
PUBLIC UTILITIES -----	723	40.0	210.00	NONMANUFACTURING -----				MANUFACTURING -----	168	40.0	403.50
				RETAIL TRADE -----				NONMANUFACTURING -----	297	39.5	404.00

See footnotes at end of tables.

Table A-12. Average weekly earnings of office, professional, and technical workers, by sex, large establishments, Houston, Tex., April 1979—Continued

Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)		Occupation, sex, ³ and industry division	Number of workers	Average (mean ²)	
		Weekly hours (standard)	Weekly earnings ¹ (standard)			Weekly hours (standard)	Weekly earnings ¹ (standard)			Weekly hours (standard)	Weekly earnings ¹ (standard)
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			
COMPUTER SYSTEMS ANALYSTS (BUSINESS) - CONTINUED				COMPUTER OPERATORS - CONTINUED				ELECTRONICS TECHNICIANS - CONTINUED			
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A -----	133	40.0	\$ 475.00	COMPUTER OPERATORS, CLASS R -----	225	40.0	\$ 244.50	ELECTRONICS TECHNICIANS, CLASS C -----	288	40.0	\$ 232.00
NONMANUFACTURING -----	88	39.5	474.50	MANUFACTURING -----	79	40.0	245.50				
				NONMANUFACTURING -----	146	40.0	244.00				
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B -----	213	40.0	395.50	COMPUTER OPERATORS, CLASS C -----	87	40.0	204.50				
MANUFACTURING -----	96	40.0	389.50	NONMANUFACTURING -----	78	40.0	204.00	PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN			
NONMANUFACTURING -----	117	39.5	401.00	DRAFTERS -----	925	40.0	295.00				
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	119	39.5	334.50	MANUFACTURING -----	404	40.0	294.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS) -----	182	39.5	365.50
NONMANUFACTURING -----	92	39.5	340.50	NONMANUFACTURING -----	321	40.0	289.00	NONMANUFACTURING -----	155	39.0	361.50
PUBLIC UTILITIES -----	53	40.0	334.50	WHOLESALE TRADE -----	81	39.5	276.00				
COMPUTER PROGRAMMERS (BUSINESS): MANUFACTURING -----	68	40.0	339.50	DRAFTERS, CLASS A -----	329	40.0	355.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C -----	84	39.5	323.00
				MANUFACTURING -----	230	40.0	363.00	NONMANUFACTURING -----	71	39.0	323.00
COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	113	39.5	334.50	NONMANUFACTURING -----	99	40.0	337.00	PUBLIC UTILITIES -----	39	40.0	324.00
				PUBLIC UTILITIES -----	45	40.0	337.00				
COMPUTER OPERATORS -----	392	40.0	251.50	DRAFTERS, CLASS B -----	362	40.0	286.50	COMPUTER OPERATORS -----	169	40.0	235.00
MANUFACTURING -----	117	40.0	266.00	MANUFACTURING -----	212	40.0	287.00	MANUFACTURING -----	57	40.0	239.00
NONMANUFACTURING -----	275	40.0	245.50	NONMANUFACTURING -----	150	40.0	286.50	COMPUTER OPERATORS, CLASS B -----	97	40.0	234.00
COMPUTER OPERATORS, CLASS A -----	80	40.0	319.50	PUBLIC UTILITIES -----	73	40.0	281.00	COMPUTER OPERATORS, CLASS C -----	59	40.0	232.00
NONMANUFACTURING -----	51	39.5	312.50	DRAFTERS, CLASS C -----	220	40.0	223.50				
				MANUFACTURING -----	150	40.0	221.00	DRAFTERS -----	176	40.0	264.50
				ELECTRONICS TECHNICIANS -----	1,034	40.0	274.50	MANUFACTURING -----	103	40.0	263.50
				MANUFACTURING -----	941	40.0	275.00				
				ELECTRONICS TECHNICIANS, CLASS A -----	276	40.0	330.00	DRAFTERS, CLASS B -----	89	40.0	281.50
				MANUFACTURING -----	222	40.0	324.00	MANUFACTURING -----	54	40.0	287.00
				ELECTRONICS TECHNICIANS, CLASS B -----	470	40.0	277.00	REGISTERED INDUSTRIAL NURSES -----	99	40.0	304.50
				MANUFACTURING -----	445	40.0	277.00	MANUFACTURING -----	80	40.0	305.50

See footnotes at end of tables.

Table A-13. Hourly earnings of maintenance, toolroom, and powerplant workers, large establishments, Houston, Tex., April 1979

Occupation and industry division	Number of workers	Hourly earnings*			Number of workers receiving straight-time hourly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Mean ²	Median ²	Middle range ²	Under \$ 5.00	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	8.80	9.00	9.20	9.40	9.60	9.80	10.00	10.20	10.40	10.60	10.80	11.00	11.20	11.40	11.60	11.80	12.00	12.20	12.40	12.60	12.80	13.00	13.20	13.40	13.60	13.80	14.00	14.20	14.40	14.60	14.80	15.00	15.20	15.40	15.60	15.80	16.00	16.20	16.40	16.60	16.80	17.00	17.20	17.40	17.60	17.80	18.00	18.20	18.40	18.60	18.80	19.00	19.20	19.40	19.60	19.80	20.00	20.20	20.40	20.60	20.80	21.00	21.20	21.40	21.60	21.80	22.00	22.20	22.40	22.60	22.80	23.00	23.20	23.40	23.60	23.80	24.00	24.20	24.40	24.60	24.80	25.00	25.20	25.40	25.60	25.80	26.00	26.20	26.40	26.60	26.80	27.00	27.20	27.40	27.60	27.80	28.00	28.20	28.40	28.60	28.80	29.00	29.20	29.40	29.60	29.80	30.00	30.20	30.40	30.60	30.80	31.00	31.20	31.40	31.60	31.80	32.00	32.20	32.40	32.60	32.80	33.00	33.20	33.40	33.60	33.80	34.00	34.20	34.40	34.60	34.80	35.00	35.20	35.40	35.60	35.80	36.00	36.20	36.40	36.60	36.80	37.00	37.20	37.40	37.60	37.80	38.00	38.20	38.40	38.60	38.80	39.00	39.20	39.40	39.60	39.80	40.00	40.20	40.40	40.60	40.80	41.00	41.20	41.40	41.60	41.80	42.00	42.20	42.40	42.60	42.80	43.00	43.20	43.40	43.60	43.80	44.00	44.20	44.40	44.60	44.80	45.00	45.20	45.40	45.60	45.80	46.00	46.20	46.40	46.60	46.80	47.00	47.20	47.40	47.60	47.80	48.00	48.20	48.40	48.60	48.80	49.00	49.20	49.40	49.60	49.80	50.00	50.20	50.40	50.60	50.80	51.00	51.20	51.40	51.60	51.80	52.00	52.20	52.40	52.60	52.80	53.00	53.20	53.40	53.60	53.80	54.00	54.20	54.40	54.60	54.80	55.00	55.20	55.40	55.60	55.80	56.00	56.20	56.40	56.60	56.80	57.00	57.20	57.40	57.60	57.80	58.00	58.20	58.40	58.60	58.80	59.00	59.20	59.40	59.60	59.80	60.00	60.20	60.40	60.60	60.80	61.00	61.20	61.40	61.60	61.80	62.00	62.20	62.40	62.60	62.80	63.00	63.20	63.40	63.60	63.80	64.00	64.20	64.40	64.60	64.80	65.00	65.20	65.40	65.60	65.80	66.00	66.20	66.40	66.60	66.80	67.00	67.20	67.40	67.60	67.80	68.00	68.20	68.40	68.60	68.80	69.00	69.20	69.40	69.60	69.80	70.00	70.20	70.40	70.60	70.80	71.00	71.20	71.40	71.60	71.80	72.00	72.20	72.40	72.60	72.80	73.00	73.20	73.40	73.60	73.80	74.00	74.20	74.40	74.60	74.80	75.00	75.20	75.40	75.60	75.80	76.00	76.20	76.40	76.60	76.80	77.00	77.20	77.40	77.60	77.80	78.00	78.20	78.40	78.60	78.80	79.00	79.20	79.40	79.60	79.80	80.00	80.20	80.40	80.60	80.80	81.00	81.20	81.40	81.60	81.80	82.00	82.20	82.40	82.60	82.80	83.00	83.20	83.40	83.60	83.80	84.00	84.20	84.40	84.60	84.80	85.00	85.20	85.40	85.60	85.80	86.00	86.20	86.40	86.60	86.80	87.00	87.20	87.40	87.60	87.80	88.00	88.20	88.40	88.60	88.80	89.00	89.20	89.40	89.60	89.80	90.00	90.20	90.40	90.60	90.80	91.00	91.20	91.40	91.60	91.80	92.00	92.20	92.40	92.60	92.80	93.00	93.20	93.40	93.60	93.80	94.00	94.20	94.40	94.60	94.80	95.00	95.20	95.40	95.60	95.80	96.00	96.20	96.40	96.60	96.80	97.00	97.20	97.40	97.60	97.80	98.00	98.20	98.40	98.60	98.80	99.00	99.20	99.40	99.60	99.80	100.00	100.20	100.40	100.60	100.80	101.00	101.20	101.40	101.60	101.80	102.00	102.20	102.40	102.60	102.80	103.00	103.20	103.40	103.60	103.80	104.00	104.20	104.40	104.60	104.80	105.00	105.20	105.40	105.60	105.80	106.00	106.20	106.40	106.60	106.80	107.00	107.20	107.40	107.60	107.80	108.00	108.20	108.40	108.60	108.80	109.00	109.20	109.40	109.60	109.80	110.00	110.20	110.40	110.60	110.80	111.00	111.20	111.40	111.60	111.80	112.00	112.20	112.40	112.60	112.80	113.00	113.20	113.40	113.60	113.80	114.00	114.20	114.40	114.60	114.80	115.00	115.20	115.40	115.60	115.80	116.00	116.20	116.40	116.60	116.80	117.00	117.20	117.40	117.60	117.80	118.00	118.20	118.40	118.60	118.80	119.00	119.20	119.40	119.60	119.80	120.00	120.20	120.40	120.60	120.80	121.00	121.20	121.40	121.60	121.80	122.00	122.20	122.40	122.60	122.80	123.00	123.20	123.40	123.60	123.80	124.00	124.20	124.40	124.60	124.80	125.00	125.20	125.40	125.60	125.80	126.00	126.20	126.40	126.60	126.80	127.00	127.20	127.40	127.60	127.80	128.00	128.20	128.40	128.60	128.80	129.00	129.20	129.40	129.60	129.80	130.00	130.20	130.40	130.60	130.80	131.00	131.20	131.40	131.60	131.80	132.00	132.20	132.40	132.60	132.80	133.00	133.20	133.40	133.60	133.80	134.00	134.20	134.40	134.60	134.80	135.00	135.20	135.40	135.60	135.80	136.00	136.20	136.40	136.60	136.80	137.00	137.20	137.40	137.60	137.80	138.00	138.20	138.40	138.60	138.80	139.00	139.20	139.40	139.60	139.80	140.00	140.20	140.40	140.60	140.80	141.00	141.20	141.40	141.60	141.80	142.00	142.20	142.40	142.60	142.80	143.00	143.20	143.40	143.60	143.80	144.00	144.20	144.40	144.60	144.80	145.00	145.20	145.40	145.60	145.80	146.00	146.20	146.40	146.60	146.80	147.00	147.20	147.40	147.60	147.80	148.00	148.20	148.40	148.60	148.80	149.00	149.20	149.40	149.60	149.80	150.00	150.20	150.40	150.60	150.80	151.00	151.20	151.40	151.60	151.80	152.00	152.20	152.40	152.60	152.80	153.00	153.20	153.40	153.60	153.80	154.00	154.20	154.40	154.60	154.80	155.00	155.20	155.40	155.60	155.80	156.00	156.20	156.40	156.60	156.80	157.00	157.20	157.40	157.60	157.80	158.00	158.20	158.40	158.60	158.80	159.00	159.20	159.40	159.60	159.80	160.00	160.20	160.40	160.60	160.80	161.00	161.20	161.40	161.60	161.80	162.00	162.20	162.40	162.60	162.80	163.00	163.20	163.40	163.60	163.80	164.00	164.20	164.40	164.60	164.80	165.00	165.20	165.40	165.60	165.80	166.00	166.20	166.40	166.60	166.80	167.00	167.20	167.40	167.60	167.80	168.00	168.20	168.40	168.60	168.80	169.00	169.20	169.40	169.60	169.80	170.00	170.20	170.40	170.60	170.80	171.00	171.20	171.40	171.60	171.80	172.00	172.20	172.40	172.60	172.80	173.00	173.20	173.40	173.60	173.80	174.00	174.20	174.40	174.60	174.80	175.00	175.20	175.40	175.60	175.80	176.00	176.20	176.40	176.60	176.80	177.00	177.20	177.40	177.60	177.80	178.00	178.20	178.40	178.60	178.80	179.00	179.20	179.40	179.60	179.80	180.00	180.20	180.40	180.60	180.80	181.00	181.20	181.40	181.60	181.80	182.00	182.20	182.40	182.60	182.80	183.00	183.20	183.40	183.60	183.80	184.00	184.20	184.40	184.60	184.80	185.00	185.20	185.40	185.60	185.80	186.00	186.20	186.40	186.60	186.80	187.00	187.20	187.40	187.60	187.80	188.00	188.20	188.40	188.60	188.80	189.00	189.20	189.40	189.60	189.80	190.00	190.20	190.40	190.60	190.80	191.00	191.20	191.40	191.60	191.80	192.00	192.20	192.40	192.60	192.80	193.00	193.20	193.40	193.60	193.80	194.00	194.20	194.40	194.60	194.80	195.00	195.20	195.40	195.60	195.80	196.00	196.20	196.40	196.60	196.80	197.00	197.20	197.40	197.60	197.80	198.00	198.20	198.40	198.60	198.80	199.00	199.20	199.40	199.60	199.80	200.00	200.20	200.40	200.60	200.80	201.00	201.20	201.40	201.60	201.80	202.00	202.20	202.40	202.60	202.80	203.00	203.20	203.40	203.60	203.80	204.00	204.20	204.40	204.60	204.80	205.00	205.20	205.40	205.60	205.80	206.00	206.20	206.40	206.60	206.80	207.00	207.20	207.40	207.60	207.80	208.00	208.20	208.40	208.60	208.80	209.00	209.20	209.40	209.60	209.80	210.00	210.20	210.40	210.60	210.80	211.00	211.20	211.40	211.60	211.80	212.00	212.20	212.40	212.60	212.80	213.00	213.20	213.40	213.60	213.80	214.00	214.20	214.40	214.60	214.80	215.00	215.20	215.40	215.60	215.80	216.00	216.20	216.40	216.60	216.80	217.00	217.20	217.40	217.60	217.80	218.00	218.20	218.40	218.60	218.80	219.00	219.20	219.40	219.60	219.80	220.00	220.20	220.40	220.60	220.80	221.00	221.20	221.40	221.60	221.80	222.00	222.20	222.40	222.60	222.80	223.00	223.20	223.40	223.60	223.80	224.00	224.20	224.40	224.60	224.80	225.00	225.20	225.40	225.60	225.80	226.00	226.20	226.40	226.60	226.80	227.00	227.20	227.40	227.60	227.80	228.00	228.20	228.40	228.60	228.80	229.00	229.20	229.40	229.60	229.80	230.00	230.20	230.40	230.60	230.80	231.00	231.20	231.40	231.60	231.80	232.00	232.20	232.40	232.60	232.80	233.00	233.20	233.40	233.60	233.80	234.00	234.20	234.40	234.60	234.80	235.00	235.20	235.40	235.60	235.80	236.00	236.20	236.40	236.60	236.80	23

* Workers were distributed as follows: 126 at \$4 to \$4.20; and 195 at \$4.80 to \$5.

** Workers were distributed as follows: 4 at \$4.40 to \$4.60; 16 at \$4.60 to \$4.80; and 5 at \$4.80 to \$5.

See footnotes at end of tables.

Table A-14. Hourly earnings of material movement and custodial workers, large establishments, Houston, Tex., April 1979

Occupation and industry division	Number of workers	Hourly earnings *			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
					2.40 and under	3.00	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.20	5.60	6.00	6.40	6.80	7.20	7.60	8.00	8.40	8.80	9.20	9.60
TRUCKDRIVERS -----	1,939	7.96	8.74	6.57- 9.30	-	2	-	-	18	3	18	21	15	14	36	246	24	40	122	13	57	7	10	548	99	644	-	-
MANUFACTURING -----	434	6.74	5.54	5.54- 8.84	-	-	-	-	-	-	-	-	-	3	10	7	223	-	18	27	2	4	-	4	25	53	54	-
NONMANUFACTURING -----	1,505	8.31	8.78	8.47- 9.30	-	2	-	-	18	3	18	21	12	4	29	23	24	22	95	11	53	7	6	523	46	584	-	-
RETAIL TRADE -----	708	7.58	8.74	6.57- 8.74	-	2	-	-	18	-	18	6	9	-	22	19	24	19	95	11	53	7	6	399	-	-	-	-
TRUCKDRIVERS, LIGHT TRUCK -----	107	6.18	5.41	4.40- 8.68	-	2	-	-	2	3	2	17	10	-	16	4	3	6	5	4	-	-	4	4	25	-	-	-
NONMANUFACTURING -----	65	4.91	4.56	4.25- 5.41	-	2	-	-	2	3	2	17	7	-	13	4	3	5	5	2	-	-	-	-	-	-	-	-
TRUCKDRIVERS, MEDIUM TRUCK -----	737	8.05	9.15	6.57- 9.40	-	-	-	-	16	-	16	4	5	10	16	22	12	21	98	8	41	-	-	30	74	364	-	-
MANUFACTURING -----	105	7.47	8.65	6.00- 8.84	-	-	-	-	-	-	-	-	-	10	4	7	-	14	9	-	1	-	-	20	28	10	-	-
NONMANUFACTURING -----	632	8.15	9.30	6.57- 9.40	-	-	-	-	16	-	16	4	5	-	12	15	12	5	89	8	40	-	-	10	46	354	-	-
RETAIL TRADE -----	220	6.04	6.57	5.24- 6.57	-	-	-	-	16	-	16	4	5	-	12	15	12	2	89	8	40	-	-	1	-	-	-	-
TRUCKDRIVERS, TRACTOR-TRAILER -----	814	8.70	8.74	8.74- 9.30	-	-	-	-	-	-	-	-	-	4	4	5	9	12	3	1	16	7	6	513	-	234	-	-
NONMANUFACTURING -----	808	8.71	8.74	8.74- 9.30	-	-	-	-	-	-	-	-	-	4	4	4	9	12	1	1	13	7	6	513	-	234	-	-
RETAIL TRADE -----	447	8.55	8.74	8.74- 8.78	-	-	-	-	-	-	-	-	-	-	-	-	9	12	1	1	13	7	6	398	-	-	-	-
SHIPPERS -----	89	6.84	6.87	5.43- 8.63	-	-	-	-	1	3	1	2	-	4	6	9	8	3	7	7	3	-	7	25	1	1	1	1
MANUFACTURING -----	50	6.41	6.40	5.35- 7.21	-	-	-	-	-	1	-	1	-	4	6	6	4	4	2	7	6	3	-	7	-	1	1	1
RECEIVERS -----	302	6.80	6.87	4.92- 8.63	-	-	3	11	8	2	8	8	13	15	17	7	30	13	14	21	16	2	14	57	11	5	27	-
MANUFACTURING -----	139	7.56	7.10	5.99- 9.18	-	-	-	-	-	-	4	-	1	5	5	4	18	2	11	20	4	2	14	7	10	5	27	-
NONMANUFACTURING -----	163	6.15	5.81	4.44- 8.63	-	-	3	11	8	2	4	8	12	10	12	3	12	11	3	1	12	-	-	50	1	-	-	-
RETAIL TRADE -----	121	6.43	6.10	4.44- 8.63	-	-	3	3	8	2	4	3	9	2	9	3	9	7	3	1	12	-	-	42	1	-	-	-
WAREHOUSEMEN -----	465	5.70	5.10	4.81- 6.83	-	2	-	2	-	-	1	35	14	59	150	28	33	13	7	69	17	1	3	5	1	1	24	-
MANUFACTURING -----	269	5.93	5.14	4.65- 6.83	-	-	-	-	-	-	-	32	12	40	53	20	12	8	1	49	8	-	3	5	1	1	24	-
NONMANUFACTURING -----	196	5.39	4.95	4.90- 5.85	-	2	-	2	-	-	1	3	2	19	97	8	21	5	6	20	9	1	-	-	-	-	-	-
ORDER FILLERS -----	866	6.24	6.33	4.48- 8.20	48	44	19	8	4	8	6	20	82	45	24	35	51	45	9	67	35	16	154	146	-	-	-	-
MANUFACTURING -----	805	6.18	6.00	4.48- 8.20	48	44	19	8	4	8	6	20	82	45	24	35	51	45	8	23	23	12	154	146	-	-	-	-
RETAIL TRADE -----	462	5.65	4.70	3.49- 8.49	48	44	19	8	4	8	6	-	70	29	16	7	39	4	-	-	5	1	8	146	-	-	-	-
MATERIAL HANDLING LABORERS -----	1,125	5.39	4.97	3.90- 6.79	8	27	71	66	47	87	77	54	33	20	122	29	14	25	172	65	141	-	47	-	-	-	-	-
MANUFACTURING -----	448	5.77	5.25	4.30- 7.20	-	-	20	-	14	-	47	40	8	2	87	8	6	12	2	62	140	-	-	-	-	-	-	-
NONMANUFACTURING -----	677	5.15	4.50	3.70- 6.79	8	27	51	66	33	87	30	14	25	18	35	21	8	13	170	3	1	-	67	-	-	-	-	-
RETAIL TRADE -----	476	4.38	3.85	3.40- 4.90	8	27	51	66	31	78	30	14	25	18	33	21	7	10	41	-	1	-	15	-	-	-	-	-
FORKLIFT OPERATORS -----	880	6.99	7.32	5.81- 8.35	-	-	-	-	4	-	30	-	16	70	33	38	59	44	79	33	147	72	74	159	-	-	22	-
MANUFACTURING -----	596	6.61	6.72	5.40- 7.54	-	-	-	-	4	-	28	-	12	64	29	35	36	25	78	28	135	70	-	10	-	-	22	-
NONMANUFACTURING -----	284	7.78	8.35	7.54- 8.56	-	-	-	-	-	2	-	4	6	4	4	3	23	19	1	5	12	2	74	129	-	-	-	-
RETAIL TRADE -----	180	7.71	8.49	6.87- 8.56	-	-	-	-	-	2	49	-	4	6	4	3	23	1	1	5	-	2	-	129	-	-	-	-
GUARDS -----	640	6.21	5.30	4.50- 7.92	1	3	12	25	16	6	13	63	34	74	61	49	12	17	12	33	20	41	1	14	25	26	82	-
MANUFACTURING -----	342	7.66	7.92	5.70- 9.56	-	-	-	-	-	-	8	12	15	25	25	25	5	2	11	32	20	39	1	14	25	26	82	-
NONMANUFACTURING -----	298	4.55	4.55	4.11- 5.00	1	3	12	25	16	6	13	55	22	59	36	24	7	15	1	1	-	2	-	-	-	-	-	-
GUARDS, CLASS B -----	640	6.21	5.30	4.50- 7.92	1	3	12	25	16	6	13	63	34	74	61	49	12	17	12	33	20	41	1	14	25	26	82	-
MANUFACTURING -----	342	7.66	7.92	5.70- 9.56	-	-	-	-	-	-	8	12	15	25	25	25	5	2	11	32	20	39	1	14	25	26	82	-
NONMANUFACTURING -----	298	4.55	4.55	4.11- 5.00	1	3	12	25	16	6	13	55	22	59	36	24	7	15	1	1	-	2	-	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS -----	6,757	3.32	2.90	2.90- 3.10	4260	897	284	170	262	153	98	114	64	24	44	49	51	13	2	106	52	1	65	48	-	-	-	-
MANUFACTURING -----	623	5.20	4.43	3.90- 7.02	15	12	38	32	41	91	26	55	30	13	23	15	32	10	2	90	52	-	20	26	-	-	-	-
NONMANUFACTURING -----	6,134	3.13	2.90	2.90- 3.00	4245	885	246	138	221	62	72	59	34	11	21	34	19	3	-	16	-	1	45	22	-	-	-	-
PUBLIC UTILITIES -----	68	5.15	4.23	3.86- 7.09	-	4	6	-	6	2	2	18	-	-	2	5	2	-	-	16	-	-	5	-	-	-	-	-
RETAIL TRADE -----	515	4.15	3.55	3.25- 4.24	46	54	76	82	63	29	32	8	7	11	8	29	17	-	-	-	-	1	23	22	-	-	-	-
SERVICES -----	5,432	2.98	2.90	2.90- 2.95	4196	815	143	36	140	31	29	17	14	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-

* Workers were distributed as follows: 2 at \$9.60 to \$10; and 25 at \$10 to \$10.40.

** Workers were distributed as follows: 76 at \$9.60 to \$10; 5 at \$10 to \$10.40; and 1 at \$10.40 to \$10.80.

See footnotes at end of tables.

Table A-15. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex, large establishments, Houston, Tex., April 1979

Occupation, sex, ¹ and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Occupation, sex, ³ and industry division	Number of workers	Average (mean ²) hourly earnings ⁴
MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MEN		\$	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		\$
MAINTENANCE CARPENTERS -----	267	9.36	TRUCKDRIVERS - CONTINUED		
MANUFACTURING -----	170	9.80	TRUCKDRIVERS, TRACTOR-TRAILER ---	806	8.70
MAINTENANCE ELECTRICIANS -----	1,016	9.68	NONMANUFACTURING -----	800	8.72
MANUFACTURING -----	959	9.73	RETAIL TRADE -----	439	8.56
MAINTENANCE PAINTERS -----	201	8.95	SHIPPERS -----	61	7.48
MANUFACTURING -----	102	9.39	RECEIVERS -----	231	7.13
MAINTENANCE MACHINISTS -----	655	9.57	MANUFACTURING -----	122	7.70
MANUFACTURING -----	545	9.67	WAREHOUSEMEN:		
MAINTENANCE MECHANICS (MACHINERY) -	1,491	9.32	MANUFACTURING -----	252	5.93
MANUFACTURING -----	1,239	9.39	ORDER FILLERS -----	639	6.84
MAINTENANCE MECHANICS			NONMANUFACTURING -----	581	6.81
(MOTOR VEHICLES) -----	564	8.28	RETAIL TRADE -----	242	6.66
MANUFACTURING -----	132	8.15	MATERIAL HANDLINE LABORERS -----	835	5.39
MAINTENANCE PIPEFITTERS -----	1,220	9.52	MANUFACTURING -----	413	5.68
MANUFACTURING -----	837	9.71	NONMANUFACTURING -----	422	5.10
MAINTENANCE SHEET-METAL WORKERS ---	60	9.74	RETAIL TRADE -----	346	4.53
MANUFACTURING -----	60	9.76	FORKLIFT OPERATORS -----	834	7.00
MILLWRIGHTS -----	197	9.41	MANUFACTURING -----	564	6.63
MANUFACTURING -----	133	9.56	NONMANUFACTURING -----	270	7.78
MAINTENANCE TRADES HELPERS:			RETAIL TRADE -----	166	7.70
MANUFACTURING -----	85	7.95	GUARDS -----	591	6.25
MACHINE-TOOL OPERATORS (TOOLROOM) -	277	8.33	MANUFACTURING -----	322	7.65
MANUFACTURING -----	277	8.33	NONMANUFACTURING -----	269	4.58
TOOL AND DIE MAKERS -----	227	8.50	GUARDS, CLASS B -----	591	6.25
MANUFACTURING -----	227	8.50	MANUFACTURING -----	322	7.65
STATIONARY ENGINEERS -----	414	8.15	NONMANUFACTURING -----	269	4.58
MANUFACTURING -----	208	9.52	JANITORS, PORTERS, AND CLEANERS ---	3,133	3.60
NONMANUFACTURING -----	206	6.77	MANUFACTURING -----	492	5.40
MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			NONMANUFACTURING -----	2,641	3.26
TRUCKDRIVERS -----	1,845	8.00	RETAIL TRADE -----	322	4.24
MANUFACTURING -----	434	6.74	SERVICES -----	2,190	3.01
NONMANUFACTURING -----	1,411	8.38	MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - WOMEN		
RETAIL TRADE -----	636	7.69	ORDER FILLERS -----	227	4.56
TRUCKDRIVERS, LIGHT TRUCK -----	106	6.19	NONMANUFACTURING -----	224	4.53
NONMANUFACTURING -----	64	4.91	RETAIL TRADE -----	220	4.53
TRUCKDRIVERS, MEDIUM TRUCK -----	652	8.17	MATERIAL HANDLINE LABORERS -----	269	5.52
MANUFACTURING -----	105	7.47	NONMANUFACTURING -----	234	5.33
NONMANUFACTURING -----	547	8.31	JANITORS, PORTERS, AND CLEANERS ---	3,593	3.07
			MANUFACTURING -----	131	4.44
			NONMANUFACTURING -----	3,462	3.02
			RETAIL TRADE -----	162	3.93
			SERVICES -----	3,242	2.95

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

In each of the 72¹ areas currently surveyed, the Bureau obtains wages and related benefits data 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. Government operations and the construction and extractive industries are excluded. Establishments having fewer than a prescribed number of workers are also excluded because of insufficient employment in the occupations studied. Appendix table 1 shows the number of establishments and workers estimated to be within the scope of this survey, as well as the number actually studied.

Bureau field representatives obtain data by personal visits at 3-year intervals. In each of the two intervening years, information on employment and occupational earnings only is collected by a combination of personal visit, mail questionnaire, and telephone interview from establishments participating in the previous survey.

A sample of the establishments in the scope of the survey is selected for study prior to each personal visit survey. This sample, less establishments which go out of business or are no longer within the industrial scope of the survey, is retained for the following two annual surveys. In most cases, establishments new to the area are not considered in the scope of the survey until the selection of a sample for a personal visit survey.

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.

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.

¹ Included in the 72 areas are 2 studies conducted by the Bureau under contract. These areas are Akron, Ohio and Poughkeepsie-Kingston-Newburgh, 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.

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 also shown. (It is assumed that wages increase at a constant rate between surveys.)

Occupations used to compute wage trends are:

<u>Office clerical</u>	<u>Electronic data processing—</u> Continued
Secretaries	Computer operators, classes A, B, and C
Stenographers, senior	<u>Industrial nurses</u>
Stenographers, general	Registered industrial nurses
Typists, classes A and B	<u>Skilled maintenance</u>
File clerks, classes A, B, and C	Carpenters
Messengers	Electricians
Switchboard operators	Painters
Order clerks, classes A and B	Machinists
Accounting clerks, classes A and B	Mechanics (machinery)
Payroll clerks	Mechanics (motor vehicle)
Key entry operators, classes A and B	Pipefitters
<u>Electronic data processing</u>	Tool and die makers
Computer systems analysts, classes A, B, and C	<u>Unskilled plant</u>
Computer programmers, classes A, B, and C	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.

Average pay relationships within establishments

Relative measures of occupational pay are presented in table A-8 for white-collar occupations and in table A-9 for blue-collar occupations. These relative values reflect differences in pay between occupations within individual establishments. Relative pay values are computed by dividing an establishment's average earnings for an occupation being compared by the average for another occupation (designated as 100) and multiplying the quotient by 100. For example, if janitors in a firm average \$4 an hour and forklift operators \$5, forklift operators have a relative pay value of 125 compared with janitors. ($\$5 \div \$4 = 1.25$, $\times 100 = 125$.) In combining the relatives of the individual establishments to arrive at an overall average, each establishment is considered to have as many relatives as it has weighted workers in the two jobs being compared.

Pay relationships based on overall averages may differ considerably because of the varying contribution of high- and low-wage establishments to the averages. For example, the overall average hourly earnings for forklift operators may be 50 percent more than the average for janitors because the average for forklift operators may be strongly influenced by earnings in high-wage establishments while the average for janitors may be strongly influenced by earnings in low-wage establishments. In such a case, the intra-establishment relationship will indicate a much smaller difference in earnings.

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, Houston, Tex., April 1979

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 INDUSTRY DIVISIONS -----	-	2,262	342	533,679	100	239,134
MANUFACTURING -----	50	584	100	169,306	32	79,584
NONMANUFACTURING -----	-	1,678	242	364,373	68	159,550
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	50	199	39	64,833	12	41,878
WHOLESALE TRADE ⁶ -----	50	341	42	63,522	12	19,878
RETAIL TRADE ⁶ -----	50	491	68	115,923	22	59,266
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	50	249	25	45,566	9	13,028
SERVICES ^{6,7} -----	50	398	68	74,529	14	25,500
LARGE ESTABLISHMENTS						
ALL INDUSTRY DIVISIONS -----	-	173	109	257,768	100	198,057
MANUFACTURING -----	500	72	38	96,387	37	67,337
NONMANUFACTURING -----	-	101	71	161,381	63	130,720
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	500	19	14	43,886	17	37,826
WHOLESALE TRADE ⁶ -----	500	18	11	21,922	9	14,781
RETAIL TRADE ⁶ -----	500	41	27	66,829	26	52,927
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	500	4	5	10,695	4	9,120
SERVICES ^{6,7} -----	500	17	14	18,049	7	16,066

¹ The Houston Standard Metropolitan Statistical Area, as defined by the Office of Management and Budget through February 1974, consists of Brazoria, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties. The "workers within scope of study" estimates provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) 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. 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 one 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.

⁶ Separate data for this division are not presented in the A- and B-series tables, but the division is represented in the "all industries" and "nonmanufacturing" estimates.

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 representatives 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 grouping 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 representatives are instructed to exclude working supervisors; apprentices; and part-time, temporary, and probationary workers. Handicapped workers whose earnings are reduced because of their handicap are also excluded. Learners, beginners, and trainees, unless specifically included in the job descriptions, are excluded.

Office

SECRETARY

Assigned as a personal secretary, normally to one individual. Maintains a close and highly responsive relationship to the day-to-day activities of the supervisor. Works fairly independently receiving a minimum of detailed supervision and guidance. Performs varied clerical and secretarial duties requiring a 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. Assistant-type positions which entail more difficult or more responsible technical, administrative, or supervisory duties which are not typical of secretarial work, e.g., Administrative Assistant, or Executive Assistant:

SECRETARY—Continued

Exclusions—Continued

- e. Positions which do not fit any of the situations listed in the sections below titled "Level of Supervisor," e.g., secretary to the president of a company that employs, in all, over 5,000 persons;
- f. Trainees.

Classification by Level

Secretary jobs which meet the required characteristics are matched at one of five levels according to (a) the level of the secretary's supervisor within the company's organizational structure and, (b) the level of the secretary's responsibility. The tabulation following the explanations of these two factors indicates the level of the secretary for each combination of the factors.

Level of Secretary's Supervisor (LS)

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

SECRETARY—Continued

Classification by Level—Continued

- b. 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.)
- LS-2 a. Secretary to an executive or managerial person whose responsibility is not equivalent to one of the specific level situations in the definition for LS-3, 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
- b. 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.
- LS-3 a. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or
- b. Secretary to a corporate officer (other than chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or
- c. Secretary to the head (immediately below the officer level) over either a major corporatewide 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
- d. 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
- e. 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) of a company that employs, in all, over 25,000 persons.
- LS-4 a. 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
- b. 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
- c. 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.

SECRETARY—Continued

Classification by Level—Continued

NOTE: The term "corporate officer" used in the above LS definition 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 definition.

Level of Secretary's Responsibility (LR)

This factor evaluates the nature of the work relationship between the secretary and the supervisor, and the extent to which the secretary is expected to exercise initiative and judgment. Secretaries should be matched at LR-1 or LR-2 described below according to their level of responsibility.

LR-1. Performs varied secretarial duties including or comparable to most of the following:

- a. Answers telephones, greets personal callers, and opens incoming mail.
- b. Answers telephone requests which have standard answers. May reply to requests by sending a form letter.
- c. Reviews correspondence, memoranda, and reports prepared by others for the supervisor's signature to ensure procedural and typographical accuracy.
- d. Maintains supervisor's calendar and makes appointments as instructed.
- e. Types, takes and transcribes dictation, and files.

LR-2. Performs duties described under LR-1 and, in addition performs tasks requiring greater judgment, initiative, and knowledge of office functions including or comparable to most of the following:

- a. Screens telephone and personal callers, determining which can be handled by the supervisor's subordinates or other offices.
- b. Answers requests which require a detailed knowledge of office procedures or collection of information from files or other offices. May sign routine correspondence in own or supervisor's name.
- c. Compiles or assists in compiling periodic reports on the basis of general instructions.

Level of Secretary's Responsibility (LR-2)—Continued

- d. Schedules tentative appointments without prior clearance. Assembles necessary background material for scheduled meetings. Makes arrangements for meetings and conferences.
- e. Explains supervisor's requirements to other employees in supervisor's unit. (Also types, takes dictation, and files.)

The following tabulation shows the level of the secretary for each LS and LR combination.

<u>Level of secretary's supervisor</u>	<u>Level of secretary's responsibility</u>	
	LR-1	LR-2
LS-1-----	Class E	Class D
LS-2-----	Class D	Class C
LS-3-----	Class C	Class B
LS-4-----	Class B	Class A

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, 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.

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

TRANSCRIBING-MACHINE TYPIST

Primary duty is to type copy of voice recorded dictation which does not involve varied technical or specialized vocabulary such as that used in legal briefs or reports on scientific research. May also type from written copy. May maintain files, keep simple records, or perform other relatively routine clerical tasks. (See Stenographer definition for workers involved with shorthand dictation.)

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 written or verbal customers' purchase orders for material or merchandise from customers or sales people. Work typically involves some combination of the following duties: Quoting prices; determining availability of ordered items and suggesting substitutes, when necessary; advising expected delivery date and method of delivery; recording order and customer information on order sheets; checking order sheets for accuracy and adequacy of information recorded; ascertaining credit rating of customer; furnishing customer with acknowledgement of receipt of order; following-up to see that order is delivered by the specified date or to let customer know of a delay in delivery; maintaining order file; checking shipping invoice against original order.

Exclude workers paid on a commission basis or whose duties include any of the following: Receiving orders for services rather than for material or merchandise; providing customers with consultative advice using knowledge gained from engineering or extensive technical training; emphasizing selling skills; handling material or merchandise as an integral part of the job.

Positions are classified into levels according to the following definitions:

Class A. Handles orders that involve making judgments such as choosing which specific product or material from the establishment's product lines will satisfy the customer's needs, or determining the price to be quoted when pricing involves more than merely referring to a price list or making some simple mathematical calculations.

ORDER CLERK—Continued

Class B. Handles orders involving items which have readily identified uses and applications. May refer to a catalog, manufacturer's manual, or similar document to insure that proper item is supplied or to verify price of ordered item.

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),

BOOKKEEPING-MACHINE OPERATOR—Continued

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

Performs the clerical tasks necessary to process payrolls and to maintain payroll records. Work involves most of the following: Processing workers' time or production records; adjusting workers' records for changes in wage rates, supplementary benefits, or tax deductions; editing payroll listings against source records; tracing and correcting errors in listings; and assisting in preparation of periodic summary payroll reports. In a non-automated payroll system, computes wages. Work may require a practical knowledge of governmental regulations, company payroll policy, or the computer system for processing payrolls.

KEY ENTRY 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.

KEY ENTRY OPERATOR—Continued

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.

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 systems 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, develops systems for maintaining depositor accounts in a bank, maintaining accounts receivable in a retail establishment, or maintaining inventory

COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

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.)

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

COMPUTER PROGRAMMER, BUSINESS—Continued

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

COMPUTER OPERATOR—Continued

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 advance 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

ELECTRONICS TECHNICIAN—Continued

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.

REGISTERED INDUSTRIAL NURSES

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 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, 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.

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

MAINTENANCE MECHANIC (Machinery)—Continued

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.

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

MILLWRIGHT—Continued

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 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 tasks; 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. 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.

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 type and rated capacity of truck, as follows:

- Truckdriver, light truck
(straight truck, under 1½ tons, usually 4 wheels)
- Truckdriver, medium truck
(straight truck, 1½ to 4 tons inclusive, usually 6 wheels)
- Truckdriver, heavy truck
(straight truck, over 4 tons, usually 10 wheels)
- Truckdriver, tractor-trailer

SHIPPER AND RECEIVER

Performs clerical and physical tasks in connection with shipping goods of the establishment in which employed and receiving incoming shipments. In performing day-to-day, routine tasks, follows established guidelines. In handling unusual nonroutine problems, receives specific guidance from supervisor or other officials. May direct and coordinate the activities of other workers engaged in handling goods to be shipped or being received.

Shippers typically are responsible for most of the following: Verifying that orders are accurately filled by comparing items and quantities of goods gathered for shipment against documents; insuring that shipments are properly packaged, identified with shipping information, and loaded into transporting vehicles; preparing and keeping records of goods shipped, e.g., manifests, bills of lading.

Receivers typically are responsible for most of the following: Verifying the correctness of incoming shipments by comparing items and quantities unloaded against bills of lading, invoices, manifests, storage receipts, or other records; checking for damaged goods; insuring that goods are appropriately identified for routing to departments within the establishment; preparing and keeping records of goods received.

For wage study purposes, workers are classified as follows:

- Shipper
- Receiver
- Shipper and receiver

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 Shipper and Receiver 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

Protects property from theft or damage, or persons from hazards or interference. Duties involve serving at a fixed post, making rounds on

GUARD—Continued

foot or by motor vehicle, or escorting persons or property. May be deputized to make arrests. May also help visitors and customers by answering questions and giving directions.

Guards employed by establishments which provide protective services on a contract basis are included in this occupation.

For wage study purposes, guards are classified as follows:

Class A. Enforces regulations designed to prevent breaches of security. Exercises judgment and uses discretion in dealing with emergencies and security violations encountered. Determines whether first response should be to intervene directly (asking for assistance when deemed necessary and time allows), to keep situation under surveillance, or to report situation so that it can be handled by appropriate authority. Duties require specialized training in methods and techniques of protecting security areas. Commonly, the guard is required to demonstrate continuing physical fitness and proficiency with firearms or other special weapons.

Class B. Carries out instructions primarily oriented toward insuring that emergencies and security violations are readily discovered and reported to appropriate authority. Intervenes directly only in situations which require minimal action to safeguard property or persons. Duties require minimal training. Commonly, the guard is not required to demonstrate physical fitness. May be armed, but generally is not required to demonstrate proficiency in the use of firearms or special weapons.

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.

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 1970 through 1977, is available on request.

Area	Bulletin number and price *
Akron, Ohio, Dec. 1978	2025-63, \$ 1.00
Albany-Schenectady-Troy, N.Y., Sept. 1978 ¹	2025-58, \$ 1.20
Anaheim-Santa Ana-Garden Grove, Calif., Oct. 1978 ¹	2025-65, \$ 1.30
Atlanta, Ga., May 1978 ¹	2025-28, \$ 1.40
Baltimore, Md., Aug. 1978 ¹	2025-50, \$ 1.50
Billings, Mont., July 1978	2025-38, \$ 1.00
Birmingham, Ala., Mar. 1978	2025-15, 80 cents
Boston, Mass., Aug. 1978 ¹	2025-43, \$ 1.50
Buffalo, N.Y., Oct. 1978 ¹	2025-71, \$ 1.30
Canton, Ohio, May 1978	2025-22, 70 cents
Chattanooga, Tenn.-Ga., Sept. 1978 ¹	2025-51, \$ 1.20
Chicago, Ill., May 1978	2025-32, \$ 1.30
Cincinnati, Ohio-Ky.-Ind., July 1978	2025-39, \$ 1.10
Cleveland, Ohio, Sept. 1978	2025-49, \$ 1.30
Columbus, Ohio, Oct. 1978 ¹	2025-59, \$ 1.50
Corpus Christi, Tex., July 1978	2025-29, \$ 1.00
Dallas-Fort Worth, Tex., Oct. 1978 ¹	2025-52, \$ 1.50
Davenport-Rock Island-Moline, Iowa-Ill., Feb. 1979	2050-10, \$ 1.00
Dayton, Ohio, Dec. 1978	2025-66, \$ 1.00
Daytona Beach, Fla., Aug. 1978	2025-48, \$ 1.00
Denver-Boulder, Colo., Dec. 1978	2025-68, \$ 1.20
Detroit, Mich., Mar. 1979 ¹	2050-7, \$ 1.50
Fresno, Calif., June 1978 ¹	2025-31, \$ 1.20
Gainesville, Fla., Sept. 1978	2025-45, \$ 1.00
Gary-Hammond-East Chicago, Ind., Aug. 1979 ¹	(To be surveyed)
Green Bay, Wis., July 1978 ¹	2025-41, \$ 1.20
Greensboro-Winston-Salem-High Point, N.C., Aug. 1978	2025-46, \$ 1.00
Greenville-Spartanburg, S.C., June 1978	2025-30, \$ 1.00
Hartford, Conn., Mar. 1979	2050-12, \$ 1.10
Houston, Tex., Apr. 1979	2050-15, \$ 1.30
Huntsville, Ala., Feb. 1979	2050-3, \$ 1.00
Indianapolis, Ind., Oct. 1978 ¹	2025-57, \$ 1.50
Jackson, Miss., Jan. 1979 ¹	2050-9, \$ 1.20
Jacksonville, Fla., Dec. 1978	2025-67, \$ 1.00
Kansas City, Mo.-Kans., Sept. 1978	2025-53, \$ 1.30
Los Angeles-Long Beach, Calif., Oct. 1978 ¹	2025-61, \$ 1.50
Louisville, Ky.-Ind., Nov. 1978	2025-69, \$ 1.00
Memphis, Tenn.-Ark.-Miss., Nov. 1978	2025-62, \$ 1.00

Area	Bulletin number and price *
Miami, Fla., Oct. 1978 ¹	2025-60, \$ 1.30
Milwaukee, Wis., Apr. 1979	2050-8, \$ 1.30
Minneapolis-St. Paul, Minn.-Wis., Jan. 1979	2050-1, \$ 1.30
Nassau-Suffolk, N.Y., June 1978 ¹	2025-33, \$ 1.30
Newark, N.J., Jan. 1979	2050-5, \$ 1.30
New Orleans, La., Jan. 1979 ¹	2050-2, \$ 1.30
New York, N.Y.-N.J., May 1978 ¹	2025-35, \$ 1.50
Norfolk-Virginia Beach-Portsmouth, Va.-N.C., May 1978	2025-20, 70 cents
Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va.-N.C., May 1978	2025-21, 80 cents
Northeast Pennsylvania, Aug. 1978	2025-47, \$ 1.00
Oklahoma City, Okla., Aug. 1978	2025-40, \$ 1.00
Omaha, Nebr.-Iowa, Oct. 1978	2025-56, \$ 1.00
Paterson-Clifton-Passaic, N.J., June 1978 ¹	2025-36, \$ 1.20
Philadelphia, Pa.-N.J., Nov. 1978	2025-54, \$ 1.30
Pittsburgh, Pa., Jan. 1979 ¹	2050-11, \$ 1.50
Portland, Maine, Dec. 1978 ¹	2025-70, \$ 1.20
Portland, Oreg.-Wash., May 1978	2025-25, \$ 1.00
Poughkeepsie, N.Y., June 1978 ¹	2025-37, \$ 1.10
Poughkeepsie-Kingston-Newburgh, N.Y., June 1978 ¹	2025-42, \$ 1.20
Providence-Warwick-Pawtucket, R.I.-Mass., June 1978	2025-27, \$ 1.40
Richmond, Va., June 1978	2025-26, 80 cents
St. Louis, Mo.-Ill., Mar. 1979 ¹	2050-13, \$ 1.50
Sacramento, Calif., Dec. 1978	2025-75, \$ 1.00
Saginaw, Mich., Nov. 1978	2025-64, \$ 1.00
Salt Lake City-Ogden, Utah, Nov. 1978 ¹	2025-72, \$ 1.30
San Antonio, Tex., May 1978	2025-17, 70 cents
San Diego, Calif., Nov. 1978	2025-73, \$ 1.00
San Francisco-Oakland, Calif., Mar. 1979	2050-14, \$ 1.20
San Jose, Calif., Mar. 1978 ¹	2025-9, \$ 1.20
Seattle-Everett, Wash., Dec. 1978	2025-74, \$ 1.00
South Bend, Ind., Aug. 1978	2025-44, \$ 1.00
Toledo, Ohio-Mich., May 1978 ¹	2025-24, \$ 1.20
Trenton, N.J., Sept. 1978 ¹	2025-55, \$ 1.20
Utica-Rome, N.Y., July 1978	2025-34, \$ 1.00
Washington, D.C.-Md.-Va., Mar. 1979	2050-4, \$ 1.20
Wichita, Kans., Apr. 1978	2025-16, 80 cents
Worcester, Mass., Apr. 1978 ¹	2025-19, \$ 1.10
York, Pa., Feb. 1979	2050-6, \$ 1.00

* 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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