

2-2.3.
1900-9

Area Wage Survey San Francisco—Oakland, California, Metropolitan Area, March 1976



Bulletin 1900-9

U.S. Department of Labor
Bureau of Labor Statistics



DOCUMENT COLLECTION
AUG 18 1976
Dayton & Montgomery Co.
Public Library

AUG 17 '76

Preface

This bulletin provides results of a March 1976 survey of occupational earnings in the San Francisco-Oakland, California, Standard Metropolitan Statistical Area (Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties). The survey was made as part of the Bureau of Labor Statistics' annual area wage survey program, which is designed to yield data for individual metropolitan areas as well as national and regional estimates 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.

Currently, 84 areas are included in the program. (See list of areas on inside back cover.) In each area, occupational earnings data are collected annually. Information on establishment practices and supplementary wage benefits is obtained every third year.

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.

The San Francisco-Oakland survey was conducted by the Bureau's regional office in San Francisco, Calif., under the general direction of Milton Keenan, 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.

Note:

A current report on occupational earnings in the San Francisco-Oakland area is available for the refuse hauling industry. A report on occupational earnings and supplementary benefits is available for the contract cleaning services industry (July 1974). 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: San Francisco—Oakland, California, Metropolitan Area March 1976

Bulletin 1900-9 June 1976



U.S. DEPARTMENT OF LABOR, W. J. Usery, Jr., Secretary
BUREAU OF LABOR STATISTICS, Julius Shiskin, Commissioner

Contents

	Page		Page
Introduction	2	Tables—Continued	
Tables:		A. Earnings—Continued	
A. Earnings:		A-5a. Hourly earnings of material	
A-1. Weekly earnings of office		movement and custodial	
workers	3	workers—large	
A-1a. Weekly earnings of office		establishments	21
workers—large establishments	7	A-6. Average hourly earnings of	
A-2. Weekly earnings of professional		maintenance, toolroom,	
and technical workers	10	powerplant, material	
A-2a. Weekly earnings of professional		movement, and custodial	
and technical workers—large		workers, by sex	22
establishments	12	A-6a. Average hourly earnings of	
A-3. Average weekly earnings of office,		maintenance, toolroom,	
professional, and technical		powerplant, material	
workers, by sex	14	movement, and custodial	
A-3a. Average weekly earnings of office,		workers, by sex—large	
professional, and technical		establishments	23
workers, by sex—large		A-7. Percent increases in average	
establishments	16	hourly earnings for selected	
A-4. Hourly earnings of maintenance,		occupational groups, adjusted	
toolroom, and powerplant		for employment shifts	24
workers	17	Appendix A. Scope and method of survey	25
A-4a. Hourly earnings of maintenance,		Appendix B. Occupational descriptions	29
toolroom, and powerplant			
workers—large establishments	18		
A-5. Hourly earnings of material			
movement and custodial			
workers	19		

Introduction

This area is 1 of 84 in which the U.S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings and related benefits. In this area, data were obtained by a combination of personal visit, mail questionnaire, and telephone interview. Representative establishments within six broad industry divisions were contacted: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because of insufficient employment in the occupations studied. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

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. Occupations were selected from the following categories: (a) Office clerical, (b) professional and technical,

(c) maintenance, toolroom, and powerplant, and (d) material movement and custodial. In the 31 largest survey areas, tables A-1a through A-6a 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, manufacturing, and nonmanufacturing. This table provides a measure of wage trends after elimination of changes in average earnings caused by employment shifts among establishments as well as turnover of establishments included in survey samples. For further details, see appendix A.

Appendixes

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

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

A. Earnings

Table A-1. Weekly earnings of office workers in San Francisco—Oakland, Calif., March 1976

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings (standard)			Number of workers receiving straight-time weekly earnings of—																								
			Mean ²	Median ²	Middle range ²	\$ 90 and under	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260	\$ 270	\$ 280	\$ 290	\$ 300 and over			
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over				
ALL WORKERS																														
SECRETARIES -----	7,169	39.0	\$ 203.50	\$ 195.50	\$ 172.50-225.00	-	-	-	37	82	201	385	756	859	890	627	701	612	391	273	332	269	175	119	158	302				
MANUFACTURING -----	1,930	39.0	210.00	204.50	180.50-232.50	-	-	-	-	1	24	86	154	197	253	192	189	174	127	112	77	120	33	24	41	126				
NONMANUFACTURING -----	5,239	39.0	201.50	193.50	172.50-221.00	-	-	-	37	81	177	299	602	662	637	435	512	438	264	161	255	149	142	95	117	176				
PUBLIC UTILITIES -----	902	39.0	234.50	224.50	197.50-270.00	-	-	-	-	15	6	34	97	54	34	122	65	47	35	51	66	9	71	82	**114					
WHOLESALE TRADE -----	455	39.0	207.00	195.50	172.50-237.00	-	-	-	17	-	3	87	33	59	37	21	40	28	18	19	13	47	4	12	17					
RETAIL TRADE -----	486	39.5	204.50	200.00	170.00-230.00	-	-	-	4	19	15	19	62	39	45	40	51	31	36	20	17	27	25	2	14	20				
FINANCE -----	2,337	39.0	189.50	185.00	167.00-207.50	-	-	-	15	39	112	215	301	327	331	251	182	214	109	61	62	32	44	17	9	25				
SERVICES -----	1,059	39.0	195.00	190.00	172.50-216.50	-	-	-	18	6	35	56	118	166	148	73	136	88	53	27	106	11	17	1	-	-				
SECRETARIES, CLASS A -----	533	39.0	240.50	228.00	210.50-264.50	-	-	-	-	-	-	-	4	-	40	42	34	108	43	35	50	31	28	29	15	**74				
MANUFACTURING -----	155	39.0	244.50	246.00	203.50-282.00	-	-	-	-	-	-	-	4	-	16	15	9	17	9	5	11	9	3	17	5	35				
NONMANUFACTURING -----	378	39.0	239.00	225.00	211.00-254.00	-	-	-	-	-	-	-	-	-	24	27	25	91	34	30	39	22	25	12	10	39				
PUBLIC UTILITIES -----	84	39.5	274.50	251.00	240.00-294.00	-	-	-	-	-	-	-	-	-	1	4	2	3	4	6	22	13	-	5	1	23				
WHOLESALE TRADE -----	54	38.0	244.00	230.00	224.50-264.50	-	-	-	-	-	-	-	-	-	-	-	-	9	11	9	-	2	21	-	-	2				
RETAIL TRADE -----	53	39.5	239.50	225.00	211.00-256.50	-	-	-	-	-	-	-	-	-	-	7	2	15	7	6	-	3	-	2	1	10				
FINANCE -----	121	38.5	230.50	220.50	210.00-247.50	-	-	-	-	-	-	-	-	-	3	5	21	31	10	9	17	4	4	5	8	4				
SECRETARIES, CLASS B -----	1,805	39.0	218.50	210.50	190.00-240.00	-	-	-	-	17	3	62	84	134	189	119	283	212	144	107	75	58	57	40	55	166				
MANUFACTURING -----	469	39.0	230.00	224.00	195.50-267.00	-	-	-	-	-	19	7	20	24	59	49	36	42	46	20	22	10	3	32***80						
NONMANUFACTURING -----	1,336	38.5	214.50	208.00	185.00-230.00	-	-	-	17	3	43	77	114	165	60	234	176	102	61	55	36	47	37	23	86					
PUBLIC UTILITIES -----	274	38.5	234.50	216.50	205.00-270.00	-	-	-	-	2	4	4	3	13	9	73	40	21	10	13	10	3	24	4	41					
WHOLESALE TRADE -----	126	39.5	222.50	214.50	184.00-264.00	-	-	-	17	-	-	-	-	25	-	12	11	9	3	11	5	3	4	11	115					
RETAIL TRADE -----	113	39.0	214.00	203.50	184.00-239.00	-	-	-	-	-	11	14	13	7	26	3	12	3	8	3	1	-	7	9						
FINANCE -----	549	39.0	210.00	210.50	185.00-224.50	-	-	-	-	1	37	29	31	81	36	56	97	60	33	23	12	23	8	1	21					
SECRETARIES, CLASS C -----	2,380	39.0	197.00	190.00	172.50-220.50	-	-	-	22	14	91	156	245	346	313	234	212	151	152	106	79	119	68	41	40	11				
MANUFACTURING -----	595	38.5	213.50	210.50	188.50-235.00	-	-	-	-	-	1	9	63	103	53	65	42	69	54	31	76	13	4	4	7					
NONMANUFACTURING -----	1,785	39.0	191.50	184.50	167.00-210.00	-	-	-	22	14	90	155	236	283	210	181	147	109	83	52	48	43	55	17	36	4				
PUBLIC UTILITIES -----	196	39.0	228.00	226.50	200.00-260.00	-	-	-	-	-	2	2	34	6	5	20	11	22	18	12	8	5	13	29	3					
WHOLESALE TRADE -----	108	40.0	219.50	212.50	193.50-256.00	-	-	-	-	-	-	4	12	5	15	2	20	7	6	8	5	23	-	1	-					
RETAIL TRADE -----	154	39.5	202.00	190.00	167.00-228.00	-	-	-	-	-	1	10	34	14	17	8	18	4	12	4	6	9	10	-	6	1				
FINANCE -----	1,118	39.0	183.00	178.50	162.00-196.00	-	-	-	5	14	68	124	169	192	156	143	94	60	27	13	16	16	17	4	-	-				
SERVICES -----	209	39.5	182.50	178.50	157.00-209.50	-	-	-	17	-	21	19	27	31	26	10	7	14	15	11	6	5	-	-	-	-				
SECRETARIES, CLASS D -----	2,435	39.0	191.00	182.50	165.50-207.00	-	-	-	15	51	107	167	423	379	345	229	172	141	52	25	128	52	21	29	48	51				
MANUFACTURING -----	701	39.5	185.50	180.50	167.00-202.50	-	-	-	-	1	23	66	134	114	110	65	66	79	7	15	4	6	-	-	4					
NONMANUFACTURING -----	1,734	39.0	193.00	184.00	165.50-209.00	-	-	-	15	50	84	101	289	265	235	164	100	62	45	18	113	48	15	29	48	47				
PUBLIC UTILITIES -----	348	39.0	228.00	214.00	178.50-283.00	-	-	-	-	13	-	28	60	34	16	21	11	-	1	4	35	1	29	48	47					
WHOLESALE TRADE -----	167	38.5	175.50	167.00	161.00-190.00	-	-	-	-	-	3	83	21	29	22	7	-	1	-	-	1	-	-	-	-					
RETAIL TRADE -----	160	39.5	189.50	188.50	151.00-222.50	-	-	-	4	19	14	9	17	11	12	15	9	5	7	3	12	14	-	-	-					
FINANCE -----	549	38.5	174.00	172.50	161.00-186.50	-	-	-	10	25	43	54	103	104	91	67	11	26	3	6	6	-	-	-	-					
SERVICES -----	510	39.0	197.50	191.00	172.00-221.00	-	-	-	1	6	14	35	58	69	69	44	55	16	36	4	100	-	-	-	-	-				
STENOGRAPHERS, GENERAL -----	494	39.5	179.00	175.00	149.50-212.00	-	3	11	46	21	46	46	61	27	39	31	36	11	82	7	21	-	2	2	2	-				
MANUFACTURING -----	72	40.0	182.50	168.50	149.50-211.50	-	-	-	-	-	20	11	5	2	13	2	-	2	3	2	10	-	2	-	-	-				
NONMANUFACTURING -----	422	39.5	178.00	175.00	149.50-214.00	-	3	11	46	21	26	35	56	25	26	29	36	9	79	5	11	-	-	2	2	-				
PUBLIC UTILITIES -----	98	40.0	206.50	205.00	190.00-219.50	-	-	-	-	-	-	5	4	8	4	12	32	9	4	5	11	-	-	2	2	-				
FINANCE -----	200	40.0	151.00	149.50	127.00-168.00	-	3	10	46	21	24	21	34	7	17	14	3	-	-	-	-	-	-	-	-	-				

* Workers were distributed as follows: 16 at \$290 to \$300; 44 at \$300 to \$310; 30 at \$310 to \$320; 30 at \$320 to \$330; 2 at \$330 to \$340; 1 at \$340 to \$350; 2 at \$350 to \$360; 2 at \$360 to \$370; 3 at \$370 to \$380; 4 at \$380 to \$390; 1 at \$390 to \$400; 2 at \$400 to \$410; and 3 at \$410 to \$420.

** Workers were distributed as follows: 26 at \$290 to \$300; 9 at \$300 to \$310; 12 at \$310 to \$320; 2 at \$320 to \$330; 6 at \$330 to \$340; 1 at \$340 to \$350; 3 at \$350 to \$360; 2 at \$360 to \$370; 3 at \$370 to \$380; 4 at \$380 to \$390; 1 at \$390 to \$400; 2 at \$400 to \$410; and 3 at \$410 to \$420.

*** Workers were distributed as follows: 78 at \$290 to \$300; 1 at \$320 to \$330; and 1 at \$350 to \$360.

† Workers were distributed as follows: 7 at \$290 to \$300; 3 at \$300 to \$310; 3 at \$310 to \$320; and 2 at \$330 to \$340.

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers in San Francisco—Oakland, Calif., March 1976—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 90 and under	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260	\$ 270	\$ 280	\$ 290	\$ 300 and over		
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over			
ALL WORKERS-- CONTINUED																													
STENOGRAPHERS, SENIOR -----	931	39.5	\$ 177.00	\$ 164.50	\$ 147.50-197.50	-	-	1	22	120	126	113	130	70	75	49	55	22	18	3	82	14	13	16	-	-	2		
MANUFACTURING -----	113	39.5	207.00	200.00	175.00-245.00	-	-	-	-	-	-	21	16	8	11	9	10	2	-	22	7	7	-	-	-	-	-		
NONMANUFACTURING -----	818	39.5	172.50	161.00	144.00-190.00	-	-	1	22	120	126	113	109	54	67	38	40	12	16	3	60	7	6	16	-	-	2		
WHOLESALE TRADE -----	78	40.0	182.50	190.00	161.00-194.00	-	-	-	-	-	11	-	11	10	21	10	0	3	3	1	-	-	-	-	-	-	-		
SERVICES -----	115	39.5	183.00	178.50	163.00-190.00	-	-	-	-	-	2	4	35	18	32	2	1	8	13	-	-	-	-	-	-	-	-		
TRANSCRIBING-MACHINE TYPISTS -----	240	38.0	150.50	140.00	126.50-173.00	-	10	10	51	48	27	17	3	40	10	5	3	5	4	3	2	1	-	-	-	1	-		
NONMANUFACTURING -----	229	38.0	151.00	139.00	126.50-173.00	-	10	10	51	45	23	13	3	40	10	5	3	5	4	3	2	1	-	-	-	1	-		
FINANCE -----	176	38.0	145.00	137.50	125.50-172.50	-	10	10	39	41	21	3	2	36	10	1	-	-	-	1	-	1	-	-	-	1	-		
TYPISTS, CLASS A -----	1,266	39.0	153.50	150.50	130.00-169.00	-	-	33	282	155	134	227	121	57	163	38	34	3	-	-	8	2	2	4	-	-	3		
MANUFACTURING -----	201	39.0	177.00	184.00	159.00-189.50	-	-	-	-	11	20	27	18	11	89	5	17	-	-	-	-	-	-	-	-	-	3		
NONMANUFACTURING -----	1,065	39.0	149.00	145.00	126.50-161.00	-	-	33	282	144	114	200	103	46	74	33	17	3	-	-	8	2	2	4	-	-	-		
PUBLIC UTILITIES -----	61	39.5	197.00	198.00	161.00-202.50	-	-	-	-	-	1	7	13	1	4	6	15	-	-	-	6	2	2	4	-	-	-		
WHOLESALE TRADE -----	57	39.5	150.00	144.00	133.50-178.50	-	-	-	11	11	18	-	2	3	10	2	-	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	784	39.0	143.00	137.00	124.50-156.00	-	-	30	271	128	63	110	76	31	54	20	1	-	-	-	-	-	-	-	-	-	-		
TYPISTS, CLASS B -----	1,018	39.0	135.50	131.00	119.00-144.00	-	117	190	176	200	163	49	27	11	30	8	23	5	-	16	3	-	-	-	-	-	-		
MANUFACTURING -----	181	39.5	138.00	136.50	130.00-147.50	-	4	18	25	61	42	19	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	837	39.0	135.00	127.50	117.50-144.00	-	113	172	151	139	121	30	16	10	30	8	23	5	-	16	3	-	-	-	-	-	-		
PUBLIC UTILITIES -----	68	39.5	193.00	191.50	165.50-213.50	-	-	-	1	5	-	2	11	4	11	4	11	4	-	12	3	-	-	-	-	-	-		
FINANCE -----	469	38.5	128.00	125.50	115.00-137.50	-	62	100	102	90	86	24	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS A -----	257	38.5	165.50	159.50	133.50-191.00	-	11	6	31	27	30	26	23	19	10	41	-	4	10	4	3	4	6	2	-	-	-		
MANUFACTURING -----	72	38.5	191.00	191.00	184.00-192.00	-	-	-	-	1	3	7	-	3	8	40	-	-	4	2	-	1	3	-	-	-	-		
NONMANUFACTURING -----	185	38.5	155.50	146.00	129.00-168.00	-	11	6	31	26	27	19	23	16	2	1	-	4	6	2	3	3	2	-	-	-	-		
PUBLIC UTILITIES -----	27	38.5	206.00	222.50	146.00-258.50	-	-	-	-	-	10	-	-	-	-	1	-	-	6	2	-	3	3	2	-	-	-		
FINANCE -----	154	38.0	146.00	142.50	127.50-167.00	-	11	6	31	26	17	19	22	14	1	-	-	4	-	-	3	-	-	-	-	-	-		
FILE CLERKS, CLASS B -----	624	39.0	146.50	136.00	119.50-157.50	-	20	137	93	97	94	33	30	45	4	-	0	1	4	28	27	5	-	-	-	-	-		
NONMANUFACTURING -----	589	39.0	145.00	135.00	119.50-153.00	-	20	136	93	91	94	33	21	35	3	-	2	1	3	27	26	4	-	-	-	-	-		
PUBLIC UTILITIES -----	62	39.5	238.00	236.50	236.50-245.00	-	-	-	-	1	-	-	-	-	1	-	2	1	-	27	26	4	-	-	-	-	-		
FINANCE -----	352	38.5	131.50	125.50	115.00-142.50	-	19	110	59	60	38	25	16	25	-	-	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS C -----	705	39.0	114.50	110.50	103.50-120.00	136	210	181	75	61	18	9	-	2	-	-	2	-	10	-	1	-	-	-	-	-	-		
NONMANUFACTURING -----	697	38.5	114.50	110.00	103.50-119.50	135	210	181	75	54	18	9	-	2	-	-	2	-	10	-	1	-	-	-	-	-	-		
FINANCE -----	368	38.0	114.00	111.50	105.00-119.50	33	109	136	36	36	14	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MESSENGERS -----	761	38.5	138.00	126.50	115.00-152.50	21	90	123	182	65	73	43	35	13	55	30	5	16	-	-	1	7	2	-	-	-	-		
MANUFACTURING -----	115	38.5	148.00	144.00	140.50-153.00	-	-	6	12	7	47	21	8	5	3	1	-	4	-	1	-	-	-	-	-	-	-		
NONMANUFACTURING -----	646	38.5	136.00	124.50	114.00-151.00	21	90	117	170	58	26	22	27	8	52	29	5	12	-	-	7	2	-	-	-	-	-		
PUBLIC UTILITIES -----	38	39.0	188.50	187.50	183.50-212.50	-	-	2	1	3	-	-	-	1	18	-	-	11	-	-	-	2	-	-	-	-	-		
FINANCE -----	340	39.0	125.00	121.00	109.50-133.50	1	90	70	83	35	22	19	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	211	37.5	140.50	126.50	115.00-174.50	17	-	45	56	20	1	-	19	-	28	25	-	-	-	-	-	-	-	-	-	-	-		
SWITCHBOARD OPERATORS -----	749	38.5	158.50	149.00	138.50-168.50	-	12	47	60	135	157	114	42	43	16	16	30	14	14	26	6	7	1	8	-	-	1		
MANUFACTURING -----	96	39.0	183.00	186.00	153.00-206.00	-	-	-	-	5	9	17	8	5	8	9	20	6	-	6	2	1	-	-	-	-	-		
NONMANUFACTURING -----	653	38.5	154.50	149.00	138.00-159.00	-	12	47	60	130	148	97	34	38	8	7	10	8	14	20	4	6	1	8	-	-	1		
PUBLIC UTILITIES -----	73	39.0	227.50	235.50	219.00-244.00	-	-	2	-	-	-	7	-	-	-	-	5	6	14	19	4	6	1	8	-	-	1		
RETAIL TRADE -----	89	39.5	147.00	152.00	130.00-163.00	-	5	6	11	10	11	16	17	10	2	-	1	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	184	38.5	152.50	149.50	139.00-167.00	-	7	3	16	22	50	30	16	26	5	4	4	1	-	-	-	-	-	-	-	-	-		
SERVICES -----	301	38.0	140.00	138.50	138.00-149.00	-	-	36	33	98	87	42	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-		

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers in San Francisco—Oakland, Calif., March 1976—Continued

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																												
			Mean ²	Median ²	Middle range ²	\$ 90 and under	\$ 100 -	\$ 110 -	\$ 120 -	\$ 130 -	\$ 140 -	\$ 150 -	\$ 160 -	\$ 170 -	\$ 180 -	\$ 190 -	\$ 200 -	\$ 210 -	\$ 220 -	\$ 230 -	\$ 240 -	\$ 250 -	\$ 260 -	\$ 270 -	\$ 280 -	\$ 290 and over								
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	over								
ALL WORKERS-- CONTINUED																																		
SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING -----	863	39.0	\$ 158.50	\$ 149.50	\$ 140.00-170.50	-	-	26	93	101	267	78	80	83	34	17	31	1	-	2	23	-	12	15	-	-	-	-						
NONMANUFACTURING -----	203	39.5	158.00	161.00	149.00-186.50	-	-	18	12	1	40	30	19	28	10	4	20	-	-	-	19	-	2	-	-	-	-	-						
PUBLIC UTILITIES -----	660	38.5	155.50	146.00	138.00-162.50	-	-	8	81	100	227	48	61	55	24	13	11	1	-	2	4	-	10	15	-	-	-	-						
WHOLESALE TRADE -----	50	39.0	216.00	233.50	154.50-273.50	-	-	-	-	-	20	-	-	-	4	-	1	-	-	-	-	-	10	15	-	-	-	-						
RETAIL TRADE -----	196	39.5	147.00	145.00	132.00-149.50	-	-	8	41	27	83	2	4	12	6	9	4	-	-	-	-	-	-	-	-	-	-	-						
FINANCE -----	57	39.0	172.00	156.00	147.00-192.00	-	-	-	9	7	13	10	1	-	-	4	6	1	-	2	4	-	-	-	-	-	-	-						
SERVICES -----	139	38.5	149.50	150.00	138.00-161.00	-	-	-	19	29	35	13	26	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
ORDER CLERKS -----	218	37.5	149.50	146.00	138.00-162.50	-	-	-	21	35	102	-	21	25	14	-	-	-	-	-	-	-	-	-	-	-	-	-						
MANUFACTURING -----	664	39.5	198.00	190.00	160.00-243.50	-	-	22	35	12	44	50	50	45	57	53	18	2	36	23	190	3	4	11	2	7	-	-						
NONMANUFACTURING -----	180	39.5	192.00	173.50	158.50-232.50	-	-	-	1	3	12	34	20	33	21	8	2	-	3	19	-	4	11	2	7	-	-	-						
WHOLESALE TRADE -----	484	39.5	200.00	206.00	161.00-243.50	-	-	22	34	9	32	16	30	12	36	45	16	2	36	20	171	3	-	-	-	-	-	-						
ACCOUNTING CLERKS, CLASS A -----	365	40.0	213.50	238.00	190.00-247.00	-	-	22	16	9	-	4	8	2	19	45	10	2	34	20	171	3	-	-	-	-	-	-						
MANUFACTURING -----	2,823	39.0	199.00	190.00	170.50-222.00	-	-	-	12	59	163	132	328	407	314	264	273	142	85	162	126	100	54	84	7	111	-	-						
NONMANUFACTURING -----	876	39.0	208.50	206.50	178.50-235.00	-	-	-	-	1	23	29	105	62	48	79	120	38	57	145	104	45	8	6	1	5	-	-						
PUBLIC UTILITIES -----	1,947	39.0	194.50	186.50	167.00-207.50	-	-	-	12	58	140	103	223	345	266	185	153	104	28	17	22	55	46	78	6	106	-	-						
WHOLESALE TRADE -----	347	39.5	240.50	273.50	172.00-297.50	-	-	-	-	6	10	40	30	12	1	5	14	14	6	2	13	9	-	76	5	*106	-	-						
RETAIL TRADE -----	571	39.5	193.50	188.50	172.00-207.50	-	-	-	-	54	8	72	57	101	69	80	58	1	1	-	36	32	2	-	-	-	-	-						
FINANCE -----	326	39.5	181.00	172.50	161.00-194.00	-	-	-	8	18	19	25	66	70	32	24	7	10	12	2	9	9	14	-	1	-	-	-						
SERVICES -----	499	38.5	178.00	180.50	160.00-194.00	-	-	-	4	34	51	14	45	100	112	74	36	6	9	12	-	-	-	-	-	-	-	-						
ACCOUNTING CLERKS, CLASS B -----	204	38.5	181.50	179.00	174.00-186.50	-	-	-	-	6	16	10	106	20	13	16	16	-	-	-	1	-	-	-	-	-	-	-						
MANUFACTURING -----	3,195	39.0	170.50	161.00	140.00-197.50	12	28	78	218	462	383	309	497	228	95	156	269	54	57	34	125	53	27	169	1	-	-	-						
NONMANUFACTURING -----	757	39.0	174.50	163.50	147.50-203.50	-	-	20	27	57	135	116	71	59	32	44	79	120	38	57	145	104	45	8	6	1	-	-						
PUBLIC UTILITIES -----	2,438	39.0	169.00	161.00	138.00-194.50	12	28	58	191	405	248	193	426	169	63	132	191	41	23	11	69	44	25	109	-	-	-	-						
WHOLESALE TRADE -----	566	39.5	209.50	205.00	176.50-250.50	-	-	-	-	34	9	23	37	43	31	50	140	37	-	-	10	12	25	109	-	-	-	-						
RETAIL TRADE -----	503	39.5	160.00	144.00	136.00-167.00	-	8	24	63	100	103	25	69	42	7	3	28	-	-	-	46	18	-	-	-	-	-	-						
FINANCE -----	467	39.5	164.50	162.00	150.00-169.00	-	-	22	47	32	20	78	170	42	2	10	1	3	22	11	13	14	-	-	-	-	-	-						
SERVICES -----	426	38.5	144.50	140.00	130.00-155.50	-	10	9	72	122	72	62	29	17	21	12	-	-	-	-	-	-	-	-	-	-	-	-						
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	456	37.5	158.00	161.00	134.00-173.00	12	10	3	9	117	44	5	121	58	2	57	16	1	1	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	70	39.5	173.50	161.00	161.00-184.50	-	-	-	-	-	1	-	35	15	8	7	-	2	2	-	-	-	-	-	-	-	-	-						
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	66	39.5	171.50	161.00	161.00-179.00	-	-	-	-	-	-	-	35	15	8	7	-	-	1	-	-	-	-	-	-	-	-	-						
BILLING-MACHINE fillers -----	63	38.5	161.50	156.00	144.00-182.50	-	-	-	-	14	10	8	6	8	8	8	1	-	-	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	153	39.0	190.50	185.50	137.50-264.50	-	-	1	6	61	1	19	-	2	5	-	-	-	-	2	-	-	20	36	-	-	-	-						
PUBLIC UTILITIES -----	139	39.0	193.50	155.50	137.50-273.50	-	-	5	60	-	14	-	2	-	-	-	-	-	-	2	-	-	20	36	-	-	-	-						
PAYROLL CLERKS -----	58	40.0	269.00	273.50	264.50-273.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	20	36	-	-	-	-						
MANUFACTURING -----	500	39.0	192.50	180.00	164.50-222.00	-	2	12	24	21	35	51	132	121	48	38	65	47	41	35	38	40	12	9	28	1	-	-						
NONMANUFACTURING -----	306	39.0	195.50	193.00	164.50-225.50	-	-	11	7	8	28	43	40	12	12	45	40	7	9	33	21	7	2	-	-	-	-	-						
PUBLIC UTILITIES -----	494	39.0	190.50	175.50	164.50-221.00	-	2	12	13	14	27	23	89	81	36	26	20	27	34	26	5	19	5	7	28	-	-	-						
WHOLESALE TRADE -----	111	38.0	233.00	237.00	198.00-279.00	-	-	-	8	2	-	2	2	10	10	-	2	1	26	2	8	3	7	28	-	-	-	-						
RETAIL TRADE -----	70	39.5	176.00	164.50	161.00-191.00	-	-	-	-	4	9	26	2	10	4	13	2	-	-	-	-	-	-	-	-	-	-	-						
SERVICES -----	137	40.0	168.00	166.00	149.50-180.00	-	-	12	9	3	19	6	37	16	9	11	-	3	-	-	3	9	-	-	-	-	-	-						
MANUFACTURING -----	139	38.5	185.00	171.50	168.00-210.50	-	2	-	4	3	1	4	23	56	-	-	2	13	27	-	-	2	2	-	-	-	-	-						

* Workers were distributed as follows: 19 at \$290 to \$300; and 87 at \$300 to \$310.

See footnotes at end of tables.

Table A-1. Weekly earnings of office workers in San Francisco—Oakland, Calif., March 1976—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-1a. Weekly earnings of office workers—large establishments in San Francisco—
Oakland, Calif., March 1976**

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 90 and under	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	
ALL WORKERS																													
SECRETARIES -----	3,855	39.5	\$ 206.00	\$ 196.00	\$ 172.50-220.00	-	-	-	6	22	111	240	391	479	431	356	349	319	221	152	349	139	146	79	44	21	-	-	-
MANUFACTURING -----	1,080	39.0	208.50	202.50	177.00-236.00	-	-	-	-	-	1	21	54	104	121	128	95	85	114	55	43	146	38	48	16	6	2	-	-
NONMANUFACTURING -----	2,775	39.5	204.50	195.50	172.50-226.50	-	-	-	6	21	90	186	287	358	303	261	261	205	166	109	203	101	98	63	38	19	-	-	-
PUBLIC UTILITIES -----	461	39.5	252.50	249.50	216.50-290.00	-	-	-	-	-	5	6	10	11	12	14	44	31	43	28	79	38	48	42	32	18	-	-	-
RETAIL TRADE -----	388	39.5	212.00	207.00	178.50-244.00	-	-	-	4	6	7	6	44	34	38	34	35	30	29	19	41	27	22	11	1	-	-	-	-
FINANCE -----	1,424	39.5	188.00	182.50	167.00-206.00	-	-	-	1	15	74	143	186	236	189	147	131	104	62	44	51	26	9	4	2	-	-	-	-
SECRETARIES, CLASS A -----	229	39.0	256.50	241.50	217.50-287.50	-	-	-	-	-	-	-	-	-	-	4	12	18	40	17	21	34	19	16	21	8	19	-	-
NONMANUFACTURING -----	192	39.5	250.50	231.00	212.00-271.50	-	-	-	-	-	-	-	-	-	-	4	12	18	39	17	21	28	11	10	9	4	19	-	-
PUBLIC UTILITIES -----	43	39.5	304.50	285.50	238.50-376.00	-	-	-	-	-	-	-	-	-	-	1	-	-	1	4	6	9	-	2	-	2	*18	-	-
FINANCE -----	99	39.0	230.00	223.00	210.00-244.00	-	-	-	-	-	-	-	-	-	-	3	5	16	23	10	9	17	9	7	-	-	-	-	-
SECRETARIES, CLASS B -----	748	39.5	228.50	222.00	196.50-254.50	-	-	-	-	-	3	11	36	48	55	48	70	78	74	57	94	42	72	18	35	1	-	-	-
MANUFACTURING -----	139	39.0	247.50	244.00	222.50-276.50	-	-	-	-	-	-	-	-	-	-	-	3	9	16	13	20	30	13	33	-	1	1	-	-
NONMANUFACTURING -----	609	39.5	224.50	217.50	190.00-249.00	-	-	-	-	-	3	11	36	48	55	45	67	62	61	37	64	29	39	18	34	-	-	-	-
PUBLIC UTILITIES -----	165	39.0	243.00	226.50	209.00-276.00	-	-	-	-	-	2	4	4	3	3	9	21	20	21	10	19	8	5	6	30	-	-	-	-
RETAIL TRADE -----	95	39.0	216.00	207.00	177.50-244.50	-	-	-	-	-	-	11	14	13	4	10	3	9	3	11	1	14	2	-	-	-	-	-	-
FINANCE -----	291	39.5	208.00	204.50	184.00-225.50	-	-	-	-	-	1	5	21	31	39	31	30	33	31	21	24	10	2	4	2	-	-	-	-
SECRETARIES, CLASS C -----	1,443	39.5	200.00	193.50	172.50-225.50	-	-	-	-	5	55	99	152	200	153	144	145	100	104	49	147	39	44	6	-	1	-	-	-
MANUFACTURING -----	368	39.0	218.00	213.00	192.00-251.50	-	-	-	-	-	1	7	33	42	46	40	33	35	16	10	93	10	6	4	-	1	-	-	-
NONMANUFACTURING -----	1,075	39.5	194.00	186.50	167.00-213.50	-	-	-	-	5	54	98	145	167	111	98	105	67	69	33	54	29	38	2	-	-	-	-	-
PUBLIC UTILITIES -----	127	39.5	240.50	233.50	216.50-279.50	-	-	-	-	-	-	2	4	6	3	12	9	18	11	16	12	30	2	-	-	-	-	-	-
RETAIL TRADE -----	133	39.5	207.50	204.00	176.50-238.00	-	-	-	-	-	1	1	23	14	17	8	18	4	12	3	15	10	7	-	-	-	-	-	-
FINANCE -----	690	39.5	180.00	175.00	162.00-195.50	-	-	-	-	5	49	93	111	135	82	74	68	36	18	8	4	7	-	-	-	-	-	-	-
SERVICES -----	75	40.0	211.50	218.50	193.50-230.50	-	-	-	-	-	4	2	5	2	4	5	5	13	14	10	11	-	-	-	-	-	-	-	-
SECRETARIES, CLASS D -----	1,425	39.5	191.00	183.50	168.00-207.00	-	-	-	6	17	53	130	203	231	219	152	110	101	26	25	65	38	14	34	1	-	-	-	-
MANUFACTURING -----	526	39.5	185.00	180.50	167.00-200.00	-	-	-	-	1	20	53	97	88	86	46	39	64	7	7	8	6	3	-	1	-	-	-	-
NONMANUFACTURING -----	899	39.5	194.50	184.50	169.00-208.00	-	-	-	6	16	33	77	106	143	133	106	71	37	19	18	57	32	11	34	-	-	-	-	-
PUBLIC UTILITIES -----	126	39.5	259.50	263.50	249.50-302.00	-	-	-	-	-	3	-	4	4	2	2	11	1	-	1	35	18	11	34	-	-	-	-	-
RETAIL TRADE -----	114	39.5	202.00	195.50	166.00-243.50	-	-	-	4	6	6	5	10	6	8	15	5	8	5	7	15	14	-	-	-	-	-	-	-
FINANCE -----	344	39.0	176.00	173.00	161.00-187.00	-	-	-	1	10	24	45	54	70	65	37	11	12	3	6	6	-	-	-	-	-	-	-	-
STENOGRAPHERS, GENERAL -----	318	40.0	171.00	168.00	139.00-201.50	-	3	11	46	21	26	19	44	25	25	14	30	11	7	7	21	2	-	-	-	-	-	-	-
MANUFACTURING -----	60	40.0	188.50	186.50	151.50-225.50	-	-	-	-	-	14	5	5	2	13	2	-	2	3	2	10	2	-	-	-	-	-	-	-
NONMANUFACTURING -----	258	40.0	167.00	168.00	131.50-199.50	-	3	11	46	21	12	14	39	23	12	12	36	9	4	5	11	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	94	40.0	203.00	205.00	190.00-215.00	-	-	-	-	-	-	5	4	8	4	12	32	9	4	5	11	-	-	-	-	-	-	-	-
STENOGRAPHERS, SENIOR -----	685	40.0	173.50	157.50	141.50-197.00	-	-	1	22	120	113	109	68	36	22	31	29	14	9	2	78	29	2	-	-	-	-	-	-
MANUFACTURING -----	77	39.5	206.50	200.00	182.00-224.50	-	-	-	-	-	-	14	5	8	11	9	10	2	-	11	7	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	608	40.0	169.50	154.00	140.50-183.50	-	-	1	22	120	113	109	54	31	14	20	20	4	7	2	67	22	2	-	-	-	-	-	-
TRANSCRIBING-MACHINE TYPISTS -----	66	38.0	173.00	160.00	141.50-196.00	-	-	-	6	9	10	8	3	9	2	3	-	5	4	3	3	-	1	-	-	-	-	-	-
NONMANUFACTURING -----	55	37.5	178.00	173.00	143.50-219.00	-	-	-	6	6	6	4	3	9	2	3	-	5	4	3	3	-	1	-	-	-	-	-	-
TYPISTS, CLASS A -----	815	39.5	150.00	142.50	126.50-165.50	-	-	17	261	109	85	98	57	33	93	24	20	3	-	-	8	4	3	-	-	-	-	-	-
MANUFACTURING -----	141	39.0	174.50	183.50	152.00-189.50	-	-	-	-	11	20	20	9	2	68	5	3	-	-	-	-	-	3	-	-	-	-	-	-
NONMANUFACTURING -----	674	39.5	144.50	134.50	123.00-157.50	-	-	17	261	98	65	78	48	31	25	19	17	3	-	-	8	4	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	47	40.0	199.50	200.00	177.50-201.00	-	-	-	-	-	1	7	3	1	4	6	15	-	-	-	6	4	-	-	-	-	-	-	-
FINANCE -----	549	39.5	137.00	129.00	121.00-149.50	-	-	15	261	93	49	58	33	19	14	6	1	-	-	-	-	-	-	-	-	-	-	-	-

* Workers were distributed as follows: 3 at \$340 to \$360; 5 at \$360 to \$380; 5 at \$380 to \$400; and 5 at \$400 to \$420.

See footnotes at end of tables.

**Table A-1a. Weekly earnings of office workers—large establishments in San Francisco—
Oakland, Calif., March 1976—Continued**

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 90 and under	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360 and over		
						100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	over			
ALL WORKERS-- CONTINUED																													
TYPISTS, CLASS B -----	409	39.5	\$ 143.50	\$ 135.00	\$ 119.50-154.00	-	54	55	55	91	45	16	17	7	22	4	19	5	-	16	3	-	-	-	-	-	-	-	
MANUFACTURING -----	94	39.5	138.50	137.00	132.50-148.50	-	4	11	4	40	18	5	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	315	39.0	145.00	134.50	116.00-163.50	-	50	44	51	51	27	11	6	6	22	4	19	5	-	16	3	-	-	-	-	-	-		
PUBLIC UTILITIES -----	36	39.0	205.00	212.00	183.50-234.00	-	-	-	1	5	-	-	1	-	3	-	7	4	-	12	3	-	-	-	-	-	-		
FINANCE -----	206	39.0	125.00	122.00	110.50-135.00	-	50	42	40	41	21	7	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS A -----	164	39.0	172.00	173.50	140.50-191.00	-	11	6	11	13	17	9	10	16	3	41	-	-	10	4	5	8	-	-	-	-	-		
NONMANUFACTURING -----	112	39.0	159.50	148.50	130.00-170.50	-	11	6	11	12	17	9	10	16	2	1	-	-	6	2	4	5	-	-	-	-	-		
FINANCE -----	93	39.0	145.50	142.50	125.50-165.00	-	11	6	11	12	17	9	9	14	1	-	-	-	-	-	3	-	-	-	-	-	-		
FILE CLERKS, CLASS B -----	311	39.0	149.50	137.50	120.00-167.00	-	20	55	36	55	29	20	30	21	4	-	6	1	4	18	12	-	-	-	-	-	-		
NONMANUFACTURING -----	262	39.0	146.00	135.00	119.00-150.00	-	20	54	36	55	29	20	21	11	3	-	2	1	3	17	10	-	-	-	-	-	-		
FINANCE -----	215	39.0	130.50	129.00	116.00-140.50	-	19	54	36	50	24	15	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
FILE CLERKS, CLASS C -----	210	38.5	127.50	119.00	106.00-137.00	1	71	34	38	26	16	9	-	2	-	-	2	-	10	-	1	-	-	-	-	-	-		
NONMANUFACTURING -----	209	38.5	127.50	119.50	106.00-137.00	-	71	34	38	26	16	9	-	2	-	-	2	-	10	-	1	-	-	-	-	-	-		
FINANCE -----	136	38.0	119.00	113.00	106.00-130.00	-	55	25	25	13	14	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MESSENGERS -----	392	39.5	140.00	132.50	114.00-152.00	4	78	40	65	29	63	34	13	8	24	5	5	16	-	-	8	-	-	-	-	-	-		
MANUFACTURING -----	82	38.5	148.00	140.50	140.00-150.50	-	-	-	12	7	37	12	8	-	-	1	-	4	-	-	1	-	-	-	-	-	-		
NONMANUFACTURING -----	310	39.5	138.00	126.00	109.50-152.50	4	78	40	53	22	26	22	5	8	24	4	5	12	-	-	7	-	-	-	-	-	-		
PUBLIC UTILITIES -----	36	39.0	184.50	187.50	183.50-212.50	-	-	2	1	3	-	-	-	1	18	-	-	11	-	-	-	-	-	-	-	-	-		
SWITCHBOARD OPERATORS -----	382	39.0	170.50	157.00	138.50-206.00	-	7	13	15	87	39	41	31	21	16	9	26	14	14	26	13	9	-	1	-	-	-		
MANUFACTURING -----	81	39.0	185.50	188.00	157.00-206.00	-	-	-	-	5	9	7	8	5	8	4	20	6	-	6	3	-	-	-	-	-	-		
NONMANUFACTURING -----	301	39.0	166.50	151.50	138.50-186.00	-	7	13	15	82	30	34	23	16	8	5	6	8	14	20	10	9	-	1	-	-	-		
PUBLIC UTILITIES -----	69	39.0	229.00	235.50	225.50-245.00	-	-	2	-	-	-	7	-	-	-	-	1	6	14	19	10	9	-	1	-	-	-		
RETAIL TRADE -----	63	40.0	147.50	154.00	130.00-163.00	-	5	6	4	6	7	9	17	6	2	-	1	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	68	39.0	157.00	152.50	142.50-175.00	-	2	3	7	2	15	12	5	8	5	4	4	1	-	-	-	-	-	-	-	-	-		
SERVICES -----	96	38.0	140.00	138.50	138.50-138.50	-	-	2	4	74	8	4	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
SWITCHBOARD OPERATOR-RECEPTIONISTS-----	79	39.5	178.00	168.00	149.00-201.50	-	-	-	6	4	11	15	7	6	-	5	12	1	-	2	6	4	-	-	-	-	-		
ORDER CLERKS -----	120	40.0	200.00	191.00	159.00-209.00	-	-	-	1	3	11	16	6	3	18	18	14	2	2	-	2	15	6	3	-	-	-		
MANUFACTURING -----	62	40.0	212.50	195.50	157.50-276.50	-	-	-	1	3	6	13	2	-	1	8	2	-	-	-	2	15	6	3	-	-	-		
NONMANUFACTURING -----	58	40.0	186.00	189.00	178.50-206.00	-	-	-	-	-	5	3	4	3	17	10	12	2	2	-	-	-	-	-	-	-	-		
ACCOUNTING CLERKS, CLASS A -----	886	39.0	217.00	216.50	178.50-245.50	-	-	-	12	28	11	42	57	86	67	55	65	44	42	124	105	33	28	87	-	-	-		
MANUFACTURING -----	345	39.0	226.50	238.00	205.50-243.50	-	-	-	-	1	1	7	10	13	14	19	31	13	24	108	84	14	6	-	-	-	-		
NONMANUFACTURING -----	541	39.5	210.50	193.50	170.50-255.00	-	-	-	12	27	10	35	47	73	53	36	34	31	18	16	21	19	22	87	-	-	-		
PUBLIC UTILITIES -----	169	39.5	266.00	302.00	226.50-302.00	-	-	-	-	6	-	8	-	2	1	5	8	10	6	2	10	3	21	87	-	-	-		
RETAIL TRADE -----	202	39.5	183.00	174.00	160.00-190.00	-	-	-	8	18	4	18	31	42	22	10	7	3	12	2	10	14	1	-	-	-	-		
FINANCE -----	117	38.5	184.00	185.00	168.00-202.00	-	-	-	4	3	6	7	14	14	26	12	17	2	-	12	-	-	-	-	-	-	-		
ACCOUNTING CLERKS, CLASS B -----	1,222	39.5	184.50	170.00	154.00-210.00	12	10	26	77	64	76	127	213	83	47	67	126	21	37	16	98	121	1	-	-	-	-		
MANUFACTURING -----	276	39.5	188.50	188.50	150.50-223.50	-	-	1	15	13	38	30	17	12	14	18	29	10	14	13	49	2	1	-	-	-	-		
NONMANUFACTURING -----	946	39.5	183.50	168.00	154.50-205.00	12	10	25	62	51	38	97	196	71	33	49	97	11	23	3	49	119	-	-	-	-	-		
PUBLIC UTILITIES -----	341	40.0	222.50	205.00	190.00-277.50	-	-	-	-	2	9	13	17	25	13	34	80	7	-	-	22	119	-	-	-	-	-		
RETAIL TRADE -----	412	39.5	163.00	160.50	145.00-168.00	-	-	22	47	29	11	66	155	22	2	2	1	3	22	3	27	-	-	-	-	-	-		
FINANCE -----	90	38.5	161.00	160.00	145.00-181.50	-	-	-	6	13	13	13	12	9	12	12	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	89	39.5	150.00	144.00	110.50-174.50	12	10	3	9	7	5	5	10	7	2	1	16	1	1	-	-	-	-	-	-	-	-		

See footnotes at end of tables.

**Table A-1a. Weekly earnings of office workers—large establishments in San Francisco—
Oakland, Calif., March 1976—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-2. Weekly earnings of professional and technical workers in San Francisco—
Oakland, Calif., March 1976**

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	Under \$ 140	140	150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	420			
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL WORKERS						150	160	170	180	190	200	210	220	230	240	260	280	300	320	340	360	380	400	420	over				
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A	753	39.5	\$ 353.00	\$ 352.00	\$ 315.00-383.00	-	-	-	-	-	-	-	-	-	-	8	55	62	84	122	133	89	64	44	*92				
MANUFACTURING	151	39.5	396.50	393.50	356.00-434.00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	26	10	25	14	21	52				
NONMANUFACTURING	602	39.5	342.00	340.00	308.00-368.00	-	-	-	-	-	-	-	-	-	-	8	55	61	82	96	123	64	50	23	40				
PUBLIC UTILITIES	52	39.5	397.50	391.50	356.50-437.00	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	11	4	7	6	19				
FINANCE	427	39.0	327.00	322.00	296.50-354.00	-	-	-	-	-	-	-	-	-	-	8	54	61	81	79	56	42	23	12	11				
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B	796	39.5	307.50	307.00	267.00-334.00	-	-	-	-	-	-	-	3	12	51	102	84	83	161	137	60	34	25	24	20				
MANUFACTURING	223	39.5	336.50	328.00	302.00-380.00	-	-	-	-	-	-	-	1	2	6	7	20	15	49	36	15	16	18	20	18				
NONMANUFACTURING	573	39.5	296.00	300.00	259.00-326.50	-	-	-	-	-	-	-	2	10	45	95	64	68	112	101	45	18	7	4	2				
PUBLIC UTILITIES	78	40.0	322.50	319.50	297.00-342.00	-	-	-	-	-	-	-	-	-	-	2	6	12	20	18	10	4	2	3	1				
FINANCE	370	39.0	286.50	277.00	247.50-322.00	-	-	-	-	-	-	-	2	10	42	90	49	29	50	48	32	11	5	1	1				
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C	166	39.0	253.00	226.50	207.00-295.50	-	-	-	-	2	2	24	32	14	10	8	10	14	15	14	-	8	8	4	-	1			
NONMANUFACTURING	140	39.0	237.50	218.50	206.00-270.50	-	-	-	-	2	2	24	31	13	10	8	7	13	15	11	-	2	2	-	-	-			
FINANCE	115	39.0	226.50	207.00	204.50-236.00	-	-	-	-	2	2	24	31	13	10	5	6	2	12	8	-	-	-	-	-	-			
COMPUTER PROGRAMMERS (BUSINESS), CLASS A	258	39.5	337.00	335.00	306.50-363.50	-	-	-	-	-	-	-	-	-	-	-	1	20	27	45	50	44	46	11	10	10			
NONMANUFACTURING	209	39.5	336.50	335.00	306.50-363.50	-	-	-	-	-	-	-	-	-	-	-	1	20	20	38	39	31	33	11	9	7			
FINANCE	73	39.5	347.50	342.50	313.00-377.50	-	-	-	-	-	-	-	-	-	-	-	-	2	11	12	10	8	15	4	6	5			
COMPUTER PROGRAMMERS (BUSINESS), CLASS B	339	39.0	286.00	287.50	270.50-303.50	-	-	-	-	-	-	4	3	7	16	25	71	118	45	44	3	3	-	-	-	-			
MANUFACTURING	103	38.5	283.00	284.00	260.50-299.00	-	-	-	-	-	-	4	2	-	13	7	14	38	3	18	1	3	-	-	-	-			
NONMANUFACTURING	236	39.5	287.00	287.50	273.50-303.50	-	-	-	-	-	-	-	1	7	3	18	57	80	42	26	2	-	-	-	-	-			
PUBLIC UTILITIES	92	40.0	294.50	291.00	278.00-307.00	-	-	-	-	-	-	-	-	2	-	-	-	25	28	24	12	1	-	-	-	-			
FINANCE	91	39.0	273.00	272.50	255.00-290.00	-	-	-	-	-	-	-	1	5	3	17	30	20	11	4	-	-	-	-	-	-			
COMPUTER PROGRAMMERS (BUSINESS), CLASS C	179	39.0	229.50	228.00	210.50-248.00	-	-	-	-	1	33	9	19	43	11	38	16	7	2	-	-	-	-	-	-	-			
NONMANUFACTURING	163	39.0	226.50	228.00	208.00-241.50	-	-	-	-	1	32	9	19	43	9	33	13	3	1	-	-	-	-	-	-	-			
FINANCE	69	38.5	221.50	218.50	210.50-233.50	-	-	-	-	1	7	9	19	14	7	11	-	-	1	-	-	-	-	-	-	-			
COMPUTER OPERATORS, CLASS A	360	39.5	248.00	232.50	219.50-269.00	-	-	-	-	-	5	63	22	68	32	60	33	21	7	36	3	1	3	-	-	-			
MANUFACTURING	92	39.0	274.00	261.00	231.00-326.50	-	-	-	-	-	1	4	10	5	7	18	10	3	1	29	-	1	3	-	-	-			
NONMANUFACTURING	268	39.5	239.00	227.50	215.00-257.00	-	-	-	-	4	59	12	63	25	48	23	18	6	7	3	-	-	-	-	-	-			
PUBLIC UTILITIES	40	40.0	279.00	257.00	246.00-322.00	-	-	-	-	-	-	-	-	-	6	17	2	-	5	7	3	-	-	-	-	-			
WHOLESALE TRADE	73	40.0	220.00	208.00	207.00-224.50	-	-	-	-	-	44	2	13	3	7	2	1	1	-	-	-	-	-	-	-	-			
FINANCE	100	39.0	232.00	228.50	216.00-246.50	-	-	-	-	-	4	15	9	24	16	19	12	1	-	-	-	-	-	-	-	-			
COMPUTER OPERATORS, CLASS B	633	39.0	230.50	228.00	200.00-274.00	-	6	2	15	13	43	73	63	34	87	37	97	90	-	-	1	-	-	-	-	-			
MANUFACTURING	153	39.0	230.50	220.00	200.00-263.50	-	6	2	4	1	9	23	11	37	6	22	28	20	-	-	1	-	-	-	-	-			
NONMANUFACTURING	450	39.0	231.00	230.00	201.50-279.50	-	-	-	11	12	34	50	61	26	74	15	69	70	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES	90	39.5	260.00	274.50	244.50-281.00	-	-	-	-	-	2	9	3	5	3	7	37	24	-	-	-	-	-	-	-	-			
WHOLESALE TRADE	147	39.5	248.50	238.00	230.00-281.50	-	-	-	-	1	14	16	-	4	39	1	26	46	-	-	-	-	-	-	-	-			
FINANCE	138	39.0	199.00	200.00	187.50-210.50	-	-	-	11	8	24	26	31	21	12	4	1	-	-	-	-	-	-	-	-	-			
COMPUTER OPERATORS, CLASS C	178	39.0	185.00	180.50	167.00-201.00	-	6	21	32	29	24	21	17	8	1	4	14	1	-	-	-	-	-	-	-	-			
NONMANUFACTURING	131	39.5	177.50	173.00	167.00-190.50	-	1	20	27	27	22	20	8	4	1	-	1	-	-	-	-	-	-	-	-	-			
FINANCE	81	39.0	180.00	180.50	167.00-191.00	-	-	10	17	11	21	11	7	4	-	-	-	-	-	-	-	-	-	-	-	-			

* Workers were distributed as follows: 35 at \$420 to \$440; 24 at \$440 to \$460; 20 at \$460 to \$480; 9 at \$480 to \$500; 3 at \$500 to \$520; and 1 at \$520 to \$540.

Table A-2. Weekly earnings of professional and technical workers in San Francisco—Oakland, Calif., March 1976—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

* Workers were distributed as follows: 2 at \$ 120 to \$ 130; and 12 at \$ 130 to \$ 140.

See footnotes at end of tables.

Table A-2a. Weekly earnings of professional and technical workers—large establishments in San Francisco—Oakland, Calif., March 1976

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
						Under \$ 150	150	160	170	180	190	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	over		
ALL WORKERS																													
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A	641	39.5	353.00	344.00	310.50-391.00	-	-	-	-	-	-	-	-	-	8	55	62	76	102	75	67	60	44	35	24	20	13		
MANUFACTURING	110	39.5	413.50	414.00	381.50-443.50	-	-	-	-	-	-	-	-	-	-	1	2	6	7	11	10	21	20	11	11	10			
NONMANUFACTURING	531	39.5	340.50	335.50	303.00-379.50	-	-	-	-	-	-	-	-	-	8	55	61	74	96	68	56	50	23	15	13	9	3		
PUBLIC UTILITIES	47	39.5	402.00	409.50	363.50-443.50	-	-	-	-	-	-	-	-	-	1	-	-	4	6	4	7	6	7	7	3	2			
FINANCE	395	39.5	325.50	320.00	293.50-351.00	-	-	-	-	-	-	-	-	-	8	54	61	73	79	40	34	23	12	3	3	4	1		
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B	714	39.5	309.00	309.50	265.50-336.00	-	-	-	-	-	-	-	3	57	93	64	73	141	134	51	29	25	24	14	5	1	-		
MANUFACTURING	185	39.5	346.00	333.50	308.00-392.50	-	-	-	-	-	-	-	1	2	7	6	15	37	33	14	14	18	20	12	5	1	-		
NONMANUFACTURING	529	39.5	296.00	303.00	253.00-326.50	-	-	-	-	-	-	-	2	55	86	58	58	104	101	37	15	7	4	2	-	-	-		
PUBLIC UTILITIES	76	40.0	324.00	320.50	306.50-345.00	-	-	-	-	-	-	-	-	2	4	12	20	18	10	4	2	3	1	-	-	-	-		
FINANCE	343	39.0	285.50	273.00	247.50-322.50	-	-	-	-	-	-	-	2	52	83	49	22	42	48	27	11	5	1	1	-	-	-		
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS C	154	39.0	250.50	220.50	207.00-295.50	-	-	-	2	2	24	46	18	10	5	15	11	-	8	8	4	-	1	-	-	-	-		
MANUFACTURING	128	39.5	233.00	215.00	205.00-251.50	-	-	-	2	2	24	44	18	7	4	15	8	-	2	2	-	-	-	-	-	-	-		
FINANCE	115	39.0	226.50	207.00	204.50-230.00	-	-	-	2	2	24	44	15	6	2	12	8	-	-	-	-	-	-	-	-	-	-		
COMPUTER PROGRAMMERS (BUSINESS), CLASS A	185	39.5	345.50	342.00	320.00-367.00	-	-	-	-	-	-	-	-	-	1	3	21	22	43	36	28	11	10	5	3	2	-		
NONMANUFACTURING	166	39.5	343.50	339.50	315.50-366.00	-	-	-	-	-	-	-	-	-	1	3	20	21	39	31	24	11	9	3	3	1	-		
COMPUTER PROGRAMMERS (BUSINESS), CLASS B	204	39.5	286.50	287.00	271.50-305.00	-	-	-	-	-	-	-	7	9	11	49	63	40	19	3	3	-	-	-	-	-	-		
MANUFACTURING	161	39.5	287.50	286.50	274.00-303.50	-	-	-	-	-	-	-	1	4	10	47	48	37	12	2	-	-	-	-	-	-	-		
PUBLIC UTILITIES	80	40.0	294.50	291.50	280.50-306.00	-	-	-	-	-	-	-	-	-	-	20	28	24	7	1	-	-	-	-	-	-	-		
COMPUTER PROGRAMMERS (BUSINESS), CLASS C	73	39.5	247.00	248.50	226.50-262.50	-	-	-	-	1	3	9	12	24	15	7	2	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	60	39.5	242.00	247.50	222.00-269.00	-	-	-	-	1	3	9	10	20	13	3	1	-	-	-	-	-	-	-	-	-	-		
COMPUTER OPERATORS, CLASS A	250	39.5	259.50	252.00	226.00-283.00	-	-	-	-	-	-	-	43	47	51	33	21	7	36	3	1	3	-	-	-	-	-		
MANUFACTURING	79	39.0	281.00	272.50	233.00-320.50	-	-	-	-	-	1	8	12	11	10	3	1	29	-	1	3	-	-	-	-	-	-		
NONMANUFACTURING	171	39.5	250.00	245.00	221.00-267.50	-	-	-	-	-	4	35	35	40	23	18	6	7	3	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES	40	40.0	279.00	257.00	246.00-322.00	-	-	-	-	-	-	-	6	17	2	-	5	7	3	-	-	-	-	-	-	-	-		
FINANCE	80	39.5	231.50	227.00	212.50-246.00	-	-	-	-	-	4	24	24	15	12	1	-	-	-	-	-	-	-	-	-	-	-		
COMPUTER OPERATORS, CLASS B	296	39.5	223.50	214.00	196.00-249.50	-	2	10	5	32	39	77	37	23	57	13	-	-	1	-	-	-	-	-	-	-	-		
MANUFACTURING	82	39.5	230.00	226.00	195.50-266.50	-	2	4	1	9	9	13	10	8	14	11	-	-	1	-	-	-	-	-	-	-	-		
NONMANUFACTURING	214	39.5	221.00	211.00	196.50-244.50	-	-	6	4	23	30	64	27	15	43	2	-	-	-	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES	66	39.5	253.50	263.00	230.50-274.50	-	-	-	-	-	-	12	8	7	37	2	-	-	-	-	-	-	-	-	-	-	-		
FINANCE	101	39.5	202.00	204.00	191.00-211.50	-	-	6	3	16	19	45	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMPUTER OPERATORS, CLASS C	120	39.0	190.00	185.00	170.00-204.00	5	11	13	18	24	13	16	5	14	1	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	82	39.5	183.00	182.50	171.00-192.00	-	10	8	16	22	12	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
DRAFTERS, CLASS A	189	39.5	303.00	312.50	254.50-354.50	-	-	-	-	2	1	22	15	11	9	3	44	12	46	15	4	-	-	-	-	-	-		
MANUFACTURING	108	39.5	290.50	294.50	221.50-357.50	-	-	-	-	2	1	22	15	7	5	3	6	2	35	10	-	-	-	-	-	-	-		
NONMANUFACTURING	81	40.0	320.50	312.50	312.50-338.00	-	-	-	-	-	-	-	-	4	4	-	43	10	11	5	4	-	-	-	-	-	-		
DRAFTERS, CLASS B	217	40.0	257.00	265.00	249.00-288.00	-	-	4	6	7	7	19	10	34	91	17	19	3	-	-	-	-	-	-	-	-	-		
MANUFACTURING	64	40.0	226.00	208.00	189.00-260.00	-	-	4	6	7	7	13	5	7	3	5	5	2	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	153	40.0	269.50	269.00	261.00-280.00	-	-	-	-	-	-	6	5	27	88	12	14	1	-	-	-	-	-	-	-	-	-		

See footnotes at end of tables.

Table A-2a. Weekly earnings of professional and technical workers—large establishments in San Francisco—Oakland, Calif., March 1976—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
						Under \$ 150	150 and under 160	160 170	170 180	180 190	190 200	200 220	220 240	240 260	260 280	280 300	300 320	320 340	340 360	360 380	380 400	400 420	420 440	440 460	460 480	480 and over		
ALL WORKERS-- CONTINUED																												
DRAFTERS, CLASS C -----	110	40.0	\$ 212.00	\$ 220.50	\$ 192.00-237.50	6	4	10	-	4	13	17	33	18	3	2	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS -----	238	40.0	285.50	288.00	257.50-323.00	-	-	1	2	2	2	17	15	27	22	47	41	55	6	1	-	-	-	-	-	-	-	-
MANUFACTURING -----	89	40.0	273.50	281.50	244.50-306.00	-	-	-	1	1	2	6	10	12	6	15	30	5	1	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS, CLASS A-	92	40.0	289.50	284.50	275.00-305.00	-	-	-	-	-	-	2	2	14	9	32	15	12	5	1	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS, CLASS B-	128	40.0	292.00	306.00	256.50-337.50	-	-	-	1	1	-	7	12	13	13	12	25	43	1	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES -----	89	39.5	250.50	252.50	216.50-274.00	-	-	-	-	7	2	16	10	20	18	5	6	5	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	60	39.5	254.00	252.50	216.50-274.00	-	-	-	-	6	-	10	7	13	10	4	5	5	-	-	-	-	-	-	-	-	-	-

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, in San Francisco—Oakland, Calif., March 1976

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED			
MESSENGERS -----	559	38.0	\$ 135.50	SECRETARIES - CONTINUED				SWITCHBOARD OPERATORS -----	721	38.5	\$ 156.50
MANUFACTURING -----	55	38.0	155.50					MANUFACTURING -----	90	39.0	180.50
NONMANUFACTURING -----	504	38.0	133.00					NONMANUFACTURING -----	631	38.5	153.00
FINANCE -----	272	39.0	121.50	SECRETARIES, CLASS D -----	2,399	39.0	190.00	RETAIL TRADE -----	89	39.5	147.00
SERVICES -----	194	37.0	143.50	MANUFACTURING -----	700	39.5	185.50	FINANCE -----	179	38.5	152.50
ACCOUNTING CLERKS, CLASS A -----	300	39.5	209.00	NONMANUFACTURING -----	1,699	39.0	192.00	SERVICES -----	299	38.0	140.00
MANUFACTURING -----	76	39.0	231.00	PUBLIC UTILITIES -----	314	39.0	225.50				
NONMANUFACTURING -----	224	39.5	201.50	WHOLESALE TRADE -----	167	38.5	175.50	SWITCHBOARD OPERATOR-RECEPTIONISTS--	863	39.0	158.50
PUBLIC UTILITIES -----	48	39.5	281.50	RETAIL TRADE -----	160	39.5	189.50	MANUFACTURING -----	203	39.5	168.00
WHOLESALE TRADE -----	129	39.5	181.00	FINANCE -----	549	38.5	174.00	NONMANUFACTURING -----	660	38.5	155.50
ACCOUNTING CLERKS, CLASS B -----	231	38.0	195.00	SERVICES -----	509	39.0	197.50	PUBLIC UTILITIES -----	50	39.0	216.00
MANUFACTURING -----	56	38.0	216.50	STENOGRAPHERS, GENERAL -----	492	39.5	179.00	WHOLESALE TRADE -----	196	39.5	147.00
NONMANUFACTURING -----	175	38.0	190.50	MANUFACTURING -----	72	40.0	182.50	RETAIL TRADE -----	57	39.0	172.00
SERVICES -----	63	35.0	183.50	NONMANUFACTURING -----	420	39.5	178.00	FINANCE -----	139	38.5	149.50
OFFICE OCCUPATIONS - WOMEN				PUBLIC UTILITIES -----	98	40.0	206.50	SERVICES -----	216	37.5	149.50
SECRETARIES -----	7,094	39.0	203.50	FINANCE -----	199	40.0	151.00	ORDER CLERKS -----	403	39.5	174.50
MANUFACTURING -----	1,911	39.0	210.00	STENOGRAPHERS, SENIOR -----	863	39.5	171.50	MANUFACTURING -----	138	39.5	186.00
NONMANUFACTURING -----	5,183	39.0	201.00	MANUFACTURING -----	113	39.5	207.00	NONMANUFACTURING -----	265	39.0	168.00
PUBLIC UTILITIES -----	852	39.0	232.50	NONMANUFACTURING -----	750	39.5	166.00	WHOLESALE TRADE -----	146	40.0	175.50
WHOLESALE TRADE -----	455	39.0	207.00	WHOLESALE TRADE -----	78	40.0	182.50	ACCOUNTING CLERKS, CLASS A -----	2,523	39.0	197.50
RETAIL TRADE -----	486	39.5	204.50	SERVICES -----	115	39.5	183.00	MANUFACTURING -----	800	39.0	206.50
FINANCE -----	2,332	39.0	190.00	TRANSCRIBING-MACHINE TYPISTS -----	235	38.0	149.00	NONMANUFACTURING -----	1,723	39.0	193.50
SERVICES -----	1,058	39.0	195.00	NONMANUFACTURING -----	225	38.0	149.50	PUBLIC UTILITIES -----	299	39.0	234.00
SECRETARIES, CLASS A -----	531	39.0	240.50	FINANCE -----	176	38.0	145.00	WHOLESALE TRADE -----	442	39.5	197.00
MANUFACTURING -----	155	39.0	244.50	TYPISTS, CLASS A -----	1,229	39.0	153.00	RETAIL TRADE -----	312	39.5	181.00
NONMANUFACTURING -----	376	39.0	238.50	MANUFACTURING -----	191	39.0	176.50	FINANCE -----	477	38.5	178.00
PUBLIC UTILITIES -----	82	39.0	273.00	NONMANUFACTURING -----	1,038	39.0	148.50	SERVICES -----	193	38.0	182.50
WHOLESALE TRADE -----	54	38.0	244.00	PUBLIC UTILITIES -----	55	39.5	192.50	ACCOUNTING CLERKS, CLASS B -----	2,938	39.0	168.00
RETAIL TRADE -----	53	39.5	239.50	WHOLESALE TRADE -----	57	39.5	150.00	MANUFACTURING -----	701	39.0	171.50
FINANCE -----	121	38.5	230.50	FINANCE -----	765	39.0	143.50	NONMANUFACTURING -----	2,237	39.0	166.50
SECRETARIES, CLASS B -----	1,802	39.0	218.00	TYPISTS, CLASS B -----	1,001	39.0	134.50	PUBLIC UTILITIES -----	522	39.5	204.50
MANUFACTURING -----	469	39.0	230.00	MANUFACTURING -----	176	39.5	138.00	WHOLESALE TRADE -----	475	39.5	159.50
NONMANUFACTURING -----	1,333	38.5	214.00	NONMANUFACTURING -----	825	39.0	134.00	RETAIL TRADE -----	426	39.5	162.50
PUBLIC UTILITIES -----	271	38.5	234.00	PUBLIC UTILITIES -----	58	39.5	185.50	FINANCE -----	421	38.5	144.00
WHOLESALE TRADE -----	126	39.5	222.50	FINANCE -----	467	38.5	128.00	SERVICES -----	393	38.0	154.00
RETAIL TRADE -----	113	39.0	214.00	FILE CLERKS, CLASS A -----	244	38.5	164.00	BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	70	39.5	173.50
FINANCE -----	549	39.0	210.00	MANUFACTURING -----	72	38.5	191.00	NONMANUFACTURING -----	66	39.5	171.50
SECRETARIES, CLASS C -----	2,346	39.0	197.00	NONMANUFACTURING -----	172	38.0	153.00	BILLING-MACHINE BILLERS -----	123	39.0	170.50
MANUFACTURING -----	577	38.5	214.50	FINANCE -----	148	38.0	147.50	NONMANUFACTURING -----	107	39.0	171.50
NONMANUFACTURING -----	1,769	39.0	191.50	FILE CLERKS, CLASS B -----	560	39.0	143.00	PUBLIC UTILITIES -----	28	40.0	266.00
PUBLIC UTILITIES -----	185	39.0	225.50	NONMANUFACTURING -----	525	39.0	140.50				
WHOLESALE TRADE -----	108	40.0	219.50	FINANCE -----	316	38.5	131.50	PAYROLL CLERKS -----	701	39.0	190.50
RETAIL TRADE -----	154	39.5	202.00	FILE CLERKS, CLASS C -----	684	38.5	112.50	MANUFACTURING -----	286	39.0	192.50
FINANCE -----	1,113	39.0	183.00	NONMANUFACTURING -----	676	38.5	112.50	NONMANUFACTURING -----	465	39.0	189.50
SERVICES -----	209	39.5	182.50	FINANCE -----	363	38.0	114.00	PUBLIC UTILITIES -----	104	38.0	233.00
				MESSENGERS -----	182	39.5	137.00	WHOLESALE TRADE -----	70	39.5	176.00
				MANUFACTURING -----	60	39.0	141.00	RETAIL TRADE -----	120	40.0	164.00
				NONMANUFACTURING -----	122	39.5	134.50	SERVICES -----	134	38.5	184.50
				FINANCE -----	68	39.0	138.50				

See footnotes at end of tables.

Table A-3. Average weekly earnings of office, professional, and technical workers, by sex, in San Francisco—Oakland Calif., March 1976—Continued

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - WOMEN--CONTINUED			\$	PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			\$	PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			\$
KEYPUNCH OPERATORS, CLASS A -----	1,332	39.0	195.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	227	39.0	287.00	ELECTRONICS TECHNICIANS -----	504	40.0	248.50
MANUFACTURING -----	304	39.0	190.00	MANUFACTURING -----	63	39.0	284.00	MANUFACTURING -----	347	40.0	229.50
NONMANUFACTURING -----	1,028	39.5	196.50	NONMANUFACTURING -----	164	39.5	288.50	NONMANUFACTURING -----	157	40.0	291.00
PUBLIC UTILITIES -----	181	39.5	244.50	PUBLIC UTILITIES -----	57	40.0	290.00	ELECTRONICS TECHNICIANS, CLASS A-----	194	40.0	266.50
WHOLESALE TRADE -----	233	39.5	205.50	FINANCE -----	64	39.0	279.00	MANUFACTURING -----	139	40.0	256.50
RETAIL TRADE -----	107	40.0	190.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	107	39.5	234.00	NONMANUFACTURING -----	55	40.0	291.50
FINANCE -----	448	39.0	172.00	NONMANUFACTURING -----	99	39.5	231.50	ELECTRONICS TECHNICIANS, CLASS B-----	232	39.5	249.50
SERVICES -----	59	39.0	208.50	COMPUTER OPERATORS, CLASS A -----	288	39.5	251.50	MANUFACTURING -----	142	39.5	217.00
KEYPUNCH OPERATORS, CLASS B -----	2,285	38.5	178.00	MANUFACTURING -----	80	39.0	278.00	ELECTRONICS TECHNICIANS, CLASS C-----	78	40.0	202.50
MANUFACTURING -----	237	39.5	167.50	NONMANUFACTURING -----	208	39.5	241.50	PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN			
NONMANUFACTURING -----	2,048	38.5	179.00	PUBLIC UTILITIES -----	30	40.0	289.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B:-----			
WHOLESALE TRADE -----	366	39.5	154.00	WHOLESALE TRADE -----	58	40.0	219.00	MANUFACTURING -----	59	39.5	321.00
RETAIL TRADE -----	82	40.0	161.00	FINANCE -----	73	39.5	236.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	104	39.0	282.00
FINANCE -----	742	39.0	161.00	COMPUTER OPERATORS, CLASS B -----	406	39.0	229.50	NONMANUFACTURING -----	64	39.5	282.50
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN				MANUFACTURING -----	124	39.0	237.50	PUBLIC UTILITIES -----	35	40.0	302.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A:-----				NONMANUFACTURING -----	282	39.0	226.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS C -----	63	38.5	216.00
MANUFACTURING -----	142	39.5	396.00	WHOLESALE TRADE -----	81	39.5	251.50	NONMANUFACTURING -----	55	38.5	210.00
NONMANUFACTURING:-----				FINANCE -----	111	39.0	202.00	COMPUTER OPERATORS, CLASS A -----	66	39.5	236.00
PUBLIC UTILITIES -----	48	40.0	398.00	COMPUTER OPERATORS, CLASS C -----	126	39.5	185.50	NONMANUFACTURING -----	54	39.5	233.00
COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B:-----				DRAFTERS, CLASS A -----	509	39.5	281.00	COMPUTER OPERATORS, CLASS B -----	194	39.0	228.50
MANUFACTURING -----	164	39.5	342.00	MANUFACTURING -----	395	39.5	276.50	MANUFACTURING -----	59	39.5	215.50
NONMANUFACTURING:-----				NONMANUFACTURING -----	114	39.5	298.00	NONMANUFACTURING:-----			
PUBLIC UTILITIES -----	67	40.0	322.50	SERVICES -----	55	39.5	287.00	WHOLESALE TRADE -----	66	39.5	244.50
COMPUTER PROGRAMMERS (BUSINESS), CLASS A -----	181	39.5	338.00	DRAFTERS, CLASS B -----	326	40.0	235.50	REGISTERED INDUSTRIAL NURSES -----	97	39.5	249.50
NONMANUFACTURING -----	147	39.5	338.00	MANUFACTURING -----	172	40.0	220.00	MANUFACTURING -----	65	39.5	255.00
FINANCE -----	57	39.5	358.00	NONMANUFACTURING -----	154	40.0	253.00				
				SERVICES -----	61	40.0	263.00				
				DRAFTERS, CLASS C -----	165	39.5	199.50				
				MANUFACTURING -----	60	39.5	175.50				
				NONMANUFACTURING -----	105	39.5	213.50				

See footnotes at end of tables.

Table A-3a. Average weekly earnings of office, professional, and technical workers, by sex—large establishments in San Francisco—Oakland, Calif., March 1976

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)		Sex, ³ occupation, and industry division	Number of workers	Average (mean ²)	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN			\$	OFFICE OCCUPATIONS - WOMEN--CONTINUED			\$	OFFICE OCCUPATIONS - WOMEN--CONTINUED			\$
MESSENGERS -----	253	39.5	132.50	TYPISTS, CLASS B -----	392	39.5	141.50	KEYPUNCH OPERATORS, CLASS B -----	1,052	39.5	188.50
ACCOUNTING CLERKS, CLASS A -----	98	39.5	246.00	MANUFACTURING -----	89	39.5	138.50	MANUFACTURING -----	96	39.5	169.00
NONMANUFACTURING -----	67	39.5	248.50	NONMANUFACTURING -----	303	39.0	142.00	NONMANUFACTURING -----	956	39.5	190.50
				FINANCE -----	204	39.0	125.00	RETAIL TRADE -----	69	40.0	162.00
OFFICE OCCUPATIONS - WOMEN				FILE CLERKS, CLASS A -----	151	39.0	171.00	PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN			
SECRETARIES -----	3,785	39.5	205.00	NONMANUFACTURING -----	99	39.0	155.50	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS A:			
MANUFACTURING -----	1,061	39.0	208.50	FINANCE -----	87	39.0	148.00	MANUFACTURING -----	104	39.5	413.00
NONMANUFACTURING -----	2,724	39.5	203.50	FILE CLERKS, CLASS B -----	277	39.0	141.50	NONMANUFACTURING:			
PUBLIC UTILITIES -----	411	39.5	251.00	NONMANUFACTURING -----	248	39.0	137.00	PUBLIC UTILITIES -----	43	40.0	402.50
RETAIL TRADE -----	388	39.5	212.00	FINANCE -----	206	39.0	130.00	COMPUTER SYSTEMS ANALYSTS (BUSINESS), CLASS B:			
FINANCE -----	1,424	39.5	188.00	FILE CLERKS, CLASS C -----	198	38.5	121.50	MANUFACTURING -----	139	39.5	348.00
SECRETARIES, CLASS A -----	227	39.0	256.00	NONMANUFACTURING -----	197	38.0	122.00	NONMANUFACTURING:			
NONMANUFACTURING -----	190	39.5	249.50	FINANCE -----	135	38.3	119.00	PUBLIC UTILITIES -----	65	40.0	324.00
PUBLIC UTILITIES -----	41	39.5	303.00	MESSENGERS -----	119	39.0	142.50	COMPUTER PROGRAMMERS (BUSINESS), CLASS B			
FINANCE -----	99	39.0	230.00	NONMANUFACTURING:				NONMANUFACTURING -----	122	39.5	287.50
SECRETARIES, CLASS B -----	745	39.5	228.50	FINANCE -----	61	39.5	142.00	PUBLIC UTILITIES -----	98	39.5	290.00
MANUFACTURING -----	139	39.0	247.50	SWITCHBOARD OPERATORS -----	360	39.0	167.00	COMPUTER OPERATORS, CLASS A -----	195	39.5	266.00
NONMANUFACTURING -----	606	39.5	224.00	MANUFACTURING -----	75	39.0	183.00	MANUFACTURING -----	67	39.0	286.50
PUBLIC UTILITIES -----	162	39.0	242.00	NONMANUFACTURING -----	285	39.0	163.00	NONMANUFACTURING -----	128	40.0	255.00
RETAIL TRADE -----	95	39.0	216.00	RETAIL TRADE -----	63	40.0	147.50	PUBLIC UTILITIES -----	30	40.0	289.50
FINANCE -----	291	39.5	208.00	FINANCE -----	67	39.0	157.50	FINANCE -----	61	39.5	236.00
SECRETARIES, CLASS C -----	1,414	39.5	199.50	SERVICES -----	96	38.0	140.00	COMPUTER OPERATORS, CLASS B -----	201	39.5	222.50
MANUFACTURING -----	350	39.0	219.00	SWITCHBOARD OPERATOR-RECEPTIONISTS -----	79	39.5	178.00	MANUFACTURING -----	63	39.0	241.50
NONMANUFACTURING -----	1,064	39.5	193.00	ORDER CLERKS -----	90	40.0	187.00	NONMANUFACTURING:			
PUBLIC UTILITIES -----	116	39.5	238.00	ACCOUNTING CLERKS, CLASS A -----	788	39.0	213.00	FINANCE -----	79	40.0	205.00
RETAIL TRADE -----	133	39.5	207.50	MANUFACTURING -----	314	39.0	225.50	DRAFTERS, CLASS A -----	161	39.5	302.50
FINANCE -----	690	39.5	180.00	NONMANUFACTURING -----	474	39.5	205.00	MANUFACTURING -----	100	39.5	297.00
SERVICES -----	75	40.0	211.50	PUBLIC UTILITIES -----	126	40.0	260.00	DRAFTERS, CLASS B -----	150	40.0	255.50
SECRETARIES, CLASS D -----	1,389	39.5	189.50	RETAIL TRADE -----	194	39.5	183.50	MANUFACTURING -----	55	40.0	233.00
MANUFACTURING -----	525	39.5	185.00	FINANCE -----	107	38.5	184.00	DRAFTERS, CLASS C -----	84	40.0	211.00
NONMANUFACTURING -----	864	39.5	192.50	ACCOUNTING CLERKS, CLASS B -----	1,091	39.5	180.00	ELECTRONICS TECHNICIANS -----	235	40.0	286.00
RETAIL TRADE -----	114	39.5	202.00	MANUFACTURING -----	249	39.5	183.50	MANUFACTURING -----	88	40.0	274.50
FINANCE -----	344	39.0	176.00	NONMANUFACTURING -----	842	39.5	178.50	ELECTRONICS TECHNICIANS, CLASS A -----	91	40.0	290.50
STENOGRAPHERS, GENERAL -----	316	40.0	171.00	RETAIL TRADE -----	361	39.5	160.00	ELECTRONICS TECHNICIANS, CLASS B -----	128	40.0	292.00
MANUFACTURING -----	60	40.0	188.50	FINANCE -----	85	38.5	159.50	PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN			
NONMANUFACTURING -----	256	40.0	167.00	SERVICES -----	85	39.5	150.00	COMPUTER PROGRAMMERS (BUSINESS), CLASS B -----	74	39.5	283.50
PUBLIC UTILITIES -----	94	40.0	203.00	PAYROLL CLERKS -----	317	39.0	197.00	NONMANUFACTURING -----	55	39.5	281.50
STENOGRAPHERS, SENIOR -----	617	40.0	165.50	MANUFACTURING -----	103	39.5	210.00	REGISTERED INDUSTRIAL NURSES -----	86	39.5	249.50
MANUFACTURING -----	77	39.5	206.50	NONMANUFACTURING -----	214	39.0	191.00	MANUFACTURING -----	58	39.5	252.50
NONMANUFACTURING -----	540	40.0	160.00	PUBLIC UTILITIES -----	54	37.5	236.00				
TRANSCRIBING-MACHINE TYPISTS -----	61	38.0	168.50	RETAIL TRADE -----	88	40.0	163.00				
NONMANUFACTURING -----	51	37.5	173.00	KEYPUNCH OPERATORS, CLASS A -----	672	39.5	199.50				
TYPISTS, CLASS A -----	778	39.5	149.00	MANUFACTURING -----	137	39.0	191.00				
MANUFACTURING -----	131	39.0	174.00	NONMANUFACTURING -----	535	39.5	201.50				
NONMANUFACTURING -----	647	39.5	144.00	RETAIL TRADE -----	104	40.0	191.00				
PUBLIC UTILITIES -----	41	40.0	193.50	FINANCE -----	240	39.0	175.50				
FINANCE -----	530	39.5	137.00								

See footnotes at end of tables.

Table A-4. Hourly earnings of maintenance, toolroom, and powerplant workers in San Francisco—Oakland, Calif., March 1976

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																												
		Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
					5.70	5.80	5.90	6.00	6.10	6.20	6.30	6.40	6.50	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	9.00	9.00	9.00	9.00	9.00	9.00	9.00
					Under \$ 5.70	and under 5.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					5.80	5.90	6.00	6.10	6.20	6.30	6.40	6.50	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	9.00	9.00	9.00	9.00	9.00	over		
ALL WORKERS		\$	\$	\$	\$																												
MAINTENANCE CARPENTERS -----	210	7.70	7.86	6.59- 8.33	15	-	-	1	1	30	4	-	-	2	4	2	6	10	1	8	43	19	32	2	11	1	18						
MANUFACTURING -----	83	7.33	7.85	6.42- 7.86	*11	-	-	-	-	7	3	-	-	2	2	2	-	-	1	7	38	1	-	-	8	-	1						
NONMANUFACTURING -----	127	7.94	8.18	6.85- 8.37	4	-	-	1	1	23	1	-	-	-	2	-	6	10	-	1	5	18	32	2	3	1	**17						
PUBLIC UTILITIES -----	67	7.49	8.30	6.13- 8.37	-	-	-	-	-	23	-	-	-	-	-	-	6	-	-	-	-	-	32	2	3	1	-						
MAINTENANCE ELECTRICIANS -----	679	7.76	7.88	7.09- 8.46	12	1	-	-	46	32	25	-	1	16	14	11	33	30	-	40	168	-	50	69	104	-	27						
MANUFACTURING -----	493	7.72	7.86	6.63- 8.48	11	-	-	-	40	32	22	-	1	16	2	11	28	25	-	39	92	-	2	54	91	-	27						
NONMANUFACTURING -----	186	7.87	7.88	7.88- 8.32	1	1	-	-	6	-	3	-	-	-	12	-	5	5	-	1	76	-	48	15	13	-	-						
PUBLIC UTILITIES -----	152	7.97	7.88	7.88- 8.30	-	-	-	-	-	3	-	-	-	-	11	-	4	-	-	-	67	-	48	6	13	-	-						
MAINTENANCE PAINTERS -----	186	8.25	8.14	7.85- 8.33	13	-	1	-	-	6	1	-	-	1	-	-	2	2	5	15	14	70	17	-	2	-	***37						
MANUFACTURING -----	69	7.64	7.68	6.55- 7.86	*11	-	-	-	-	5	1	-	-	1	-	-	-	2	5	15	14	3	-	-	2	-	10						
NONMANUFACTURING -----	117	8.61	8.14	8.14- 8.33	2	-	1	-	-	1	-	-	-	-	-	-	2	-	-	-	-	67	17	-	-	-	27						
SERVICES -----	73	7.98	8.14	8.14- 8.14	2	-	1	-	-	1	-	-	-	-	-	-	2	-	-	-	-	67	-	-	-	-	-						
MAINTENANCE MACHINISTS -----	1,034	7.82	7.86	7.23- 8.60	-	-	20	-	-	17	70	8	20	2	5	1	24	201	1	14	243	70	-	32	136	120	50						
MANUFACTURING -----	917	7.82	7.85	7.23- 8.60	-	-	20	-	-	17	70	8	20	2	5	1	18	201	1	14	132	70	-	32	136	120	50						
NONMANUFACTURING -----	117	7.83	7.88	7.88- 7.88	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	111	-	-	-	-	-	-						
PUBLIC UTILITIES -----	106	7.85	7.88	7.88- 7.88	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	102	-	-	-	-	-	-						
MAINTENANCE MECHANICS (MACHINERY) -----	719	7.05	6.90	6.45- 7.72	44	-	-	-	-	94	26	-	66	-	35	101	48	21	5	166	34	6	49	-	10	14	-						
MANUFACTURING -----	642	6.96	6.88	6.26- 7.65	44	-	-	-	-	94	26	-	66	-	14	101	48	21	5	166	33	-	-	-	10	14	-						
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	965	8.05	8.06	7.86- 8.64	1	-	8	-	-	25	8	-	-	1	1	2	27	91	8	49	68	316	103	13	123	68	53						
MANUFACTURING -----	221	8.04	7.86	7.20- 8.95	-	-	-	-	-	25	8	-	-	-	-	-	19	6	-	29	30	6	-	-	7	67	†24						
NONMANUFACTURING -----	744	8.09	8.06	8.03- 8.31	1	-	8	-	-	-	-	-	-	1	1	2	8	85	8	20	38	310	103	13	116	1	29						
PUBLIC UTILITIES -----	564	8.11	8.06	8.06- 8.31	-	-	-	-	-	-	-	-	-	-	-	-	8	57	8	16	26	242	87	3	116	1	-						
WHOLESALE TRADE -----	115	7.74	8.05	7.38- 8.06	-	-	8	-	-	-	-	-	-	-	-	1	-	27	-	3	-	67	-	9	-	-	-						
MAINTENANCE PIPEFITTERS -----	285	7.78	7.81	7.81- 7.86	-	-	-	-	-	15	1	-	-	-	-	-	-	2	-	48	167	51	-	-	-	-	1						
MANUFACTURING -----	282	7.78	7.81	7.81- 7.86	-	-	-	-	-	15	1	-	-	-	-	-	-	2	-	48	164	51	-	-	-	-	1						
MAINTENANCE SHEET-METAL WORKERS -----	78	7.66	8.21	6.16- 8.37	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	11	4	24	2	11	2	-						
MAINTENANCE TRADES HELPERS -----	156	5.97	6.37	5.63- 6.66	††67	-	-	-	-	-	-	45	-	-	19	19	-	6	-	-	-	-	-	-	-	-	-						
MANUFACTURING -----	78	6.21	6.37	6.37- 6.72	17	-	-	-	-	-	-	35	-	-	9	17	-	-	-	-	-	-	-	-	-	-	-						
NONMANUFACTURING -----	78	5.72	5.63	5.63- 6.36	50	-	-	-	-	-	-	10	-	-	10	2	-	6	-	-	-	-	-	-	-	-	-						
PUBLIC UTILITIES -----	60	6.07	5.63	5.63- 6.66	34	-	-	-	-	-	-	10	-	-	10	-	-	6	-	-	-	-	-	-	-	-	-						
TOOL AND DIE MAKERS -----	261	8.87	9.27	8.05- 9.34	-	-	-	-	-	-	-	-	5	-	-	-	-	-	3	-	12	53	5	3	2	19	†159						
MANUFACTURING -----	249	8.92	9.32	8.30- 9.34	-	-	-	-	-	-	-	-	5	-	-	-	-	-	3	-	-	53	5	3	2	19	159						
STATIONARY ENGINEERS -----	430	7.99	8.10	8.00- 8.24	4	-	-	-	2	-	6	-	11	2	20	7	8	1	17	3	22	215	65	1	24	12	10						
MANUFACTURING -----	123	7.94	7.93	7.42- 8.62	-	-	-	-	-	-	-	-	10	-	-	6	5	-	17	3	22	1	24	-	24	11	-						
NONMANUFACTURING -----	307	8.01	8.10	8.01- 8.18	4	-	-	-	2	-	6	-	1	2	20	1	3	1	-	-	-	214	41	1	-	1	10						
SERVICES -----	147	8.10	8.18	8.10- 8.18	2	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	134	7	-	-	1	1						

* Workers were at \$5.30 to \$5.40.
 ** Workers were at \$11 to \$11.20.
 *** Workers were distributed as follows: 27 at \$10.40 to \$10.60; and 10 at \$10.60 to \$10.80.
 † Workers were distributed as follows: 19 at \$9.20 to \$9.40; and 5 at \$9.60 to \$9.80.
 †† Workers were distributed as follows: 6 at \$3.70 to \$3.80; 1 at \$3.90 to \$4; 1 at \$4 to \$4.10; 5 at \$4.20 to \$4.30; 1 at \$4.50 to \$4.60; 1 at \$4.60 to \$4.70; 3 at \$4.70 to \$4.80; 1 at \$4.80 to \$4.90; 13 at \$5 to \$5.10; 1 at \$5.20 to \$5.30; 2 at \$5.30 to \$5.40; and 32 at \$5.60 to \$5.70.
 ‡ Workers were distributed as follows: 7 at \$9 to \$9.20; 139 at \$9.20 to \$9.40; 8 at \$9.40 to \$9.60; 4 at \$9.60 to \$9.80; and 1 at \$9.80 to \$10.

See footnotes at end of tables.

Table A-4a. Hourly earnings of maintenance, toolroom, and powerplant workers—large establishments in San Francisco—Oakland, Calif., March 1976

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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
					0.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	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	and over				
					Under \$ 6.10																										
					6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	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	over					
ALL WORKERS																															
MAINTENANCE CARPENTERS -----	177	7.86	7.86	6.86- 8.37	6	30	4	-	-	2	2	-	2	-	6	-	1	7	43	10	32	2	11	1	-	-	-	-	-	18	-
MANUFACTURING -----	72	7.64	7.86	7.65- 7.86	-	7	3	-	-	2	2	-	2	-	-	-	1	7	38	1	-	-	8	-	-	-	-	-	-	1	-
NONMANUFACTURING -----	105	8.02	8.29	6.13- 8.37	6	23	1	-	-	-	-	-	-	-	6	-	-	5	9	32	2	3	1	-	-	-	-	-	-	*17	-
PUBLIC UTILITIES -----	67	7.49	8.30	6.13- 8.37	-	23	-	-	-	-	-	-	-	-	6	-	-	-	-	-	32	2	3	1	-	-	-	-	-	-	-
MAINTENANCE ELECTRICIANS -----	486	7.88	7.88	7.65- 8.33	4	32	15	-	1	4	3	11	8	3	31	9	-	39	168	-	50	12	76	-	-	-	-	-	-	20	-
MANUFACTURING -----	316	7.87	7.86	7.09- 8.60	2	32	12	-	1	4	2	-	8	3	26	4	-	39	92	-	2	6	63	-	-	-	-	-	-	20	-
NONMANUFACTURING -----	170	7.90	7.88	7.88- 8.29	2	-	3	-	-	-	1	11	-	-	5	5	-	76	-	48	6	13	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	152	7.97	7.88	7.88- 8.30	-	-	3	-	-	-	-	11	-	-	4	-	-	67	-	48	6	13	-	-	-	-	-	-	-	-	-
MAINTENANCE PAINTERS -----	89	8.01	7.86	7.65- 8.33	3	6	1	-	-	1	-	-	-	-	2	2	5	15	14	10	17	-	2	-	-	-	-	-	-	*11	-
MAINTENANCE MACHINISTS -----	512	8.23	8.01	7.86- 8.97	-	17	-	8	-	2	2	3	-	1	24	4	1	14	153	34	-	12	73	120	27	-	-	-	17	-	17
MANUFACTURING -----	435	8.30	8.60	7.86- 8.97	-	17	-	8	-	2	2	3	-	1	18	4	1	14	82	34	-	12	73	120	27	-	-	-	17	-	17
MAINTENANCE MECHANICS (MACHINERY) -----	493	7.10	6.89	6.45- 7.65	-	94	26	-	6	-	7	28	86	5	48	21	5	70	34	4	49	-	10	-	-	-	-	-	-	-	-
MANUFACTURING -----	418	6.96	6.88	6.26- 7.65	-	94	26	-	6	-	7	7	86	5	48	21	5	70	33	-	-	-	10	-	-	-	-	-	-	-	-
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	499	8.13	8.22	7.77- 8.70	1	16	8	-	-	1	1	-	1	1	8	58	-	33	62	49	85	4	117	1	-	-	-	48	5	-	5
MANUFACTURING -----	108	7.79	7.80	7.65- 7.86	-	16	8	-	-	-	-	-	-	-	-	-	-	29	30	-	-	-	1	-	-	-	19	5	-	-	
NONMANUFACTURING -----	391	8.22	8.30	7.96- 8.70	1	-	-	-	-	1	1	-	1	1	8	58	-	4	32	49	85	4	116	1	-	-	29	-	-	-	
PUBLIC UTILITIES -----	322	8.18	8.30	7.97- 8.70	-	-	-	-	-	-	-	-	-	-	8	57	-	-	20	48	69	3	116	1	-	-	-	-	-	-	-
MAINTENANCE PIPEFITTERS -----	164	7.74	7.86	7.77- 8.17	-	15	1	-	-	-	-	-	-	-	-	2	-	48	47	51	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	161	7.74	7.86	7.77- 8.17	-	15	1	-	-	-	-	-	-	-	-	2	-	48	44	51	-	-	-	-	-	-	-	-	-	-	-
MAINTENANCE SHEET-METAL WORKERS -----	78	7.66	8.21	6.16- 8.37	-	24	-	-	-	-	-	-	-	-	-	-	-	-	11	4	24	2	11	2	-	-	-	-	-	-	-
MAINTENANCE TRADES HELPERS -----	131	5.96	6.37	5.63- 6.72	†62	-	-	35	-	-	-	9	2	17	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	78	6.21	6.37	6.37- 6.72	17	-	-	35	-	-	-	9	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS -----	240	8.83	9.27	8.65- 9.34	-	-	-	-	5	-	-	-	-	-	-	-	3	-	12	53	5	3	2	19	7	118	13	-	-	-	-
MANUFACTURING -----	228	8.88	9.27	8.05- 9.34	-	-	-	-	5	-	-	-	-	-	-	-	3	-	-	53	5	3	2	19	7	118	13	-	-	-	-
STATIONARY ENGINEERS -----	184	7.87	8.18	7.42- 8.32	6	-	6	-	11	2	2	1	7	-	8	1	17	3	22	38	49	1	-	-	-	-	-	-	10	-	-
MANUFACTURING -----	88	7.63	7.87	7.42- 8.24	-	-	-	-	10	-	-	-	6	-	5	-	17	3	22	1	24	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	96	8.09	8.18	5.18- 8.32	6	-	6	-	1	2	2	1	1	-	3	1	-	-	-	37	25	1	-	-	-	-	-	-	-	-	10

* Workers were at \$11 to \$11.20.

** Workers were distributed as follows: 10 at \$10.40 to \$10.60; and 1 at \$10.60 to \$10.80.

† Workers were distributed as follows: 2 at \$3.70 to \$3.80; 1 at \$3.90 to \$4; 1 at \$4 to \$4.10; 5 at \$4.20 to \$4.30; 1 at \$4.50 to \$4.60; 1 at \$4.60 to \$4.70; 2 at \$4.70 to \$4.80; 1 at \$4.80 to \$5; 13 at \$5 to \$5.10; 1 at \$5.20 to \$5.30; 2 at \$5.30 to \$5.40; and 32 at \$5.60 to \$5.70.

See footnotes at end of tables.

Table A-5. Hourly earnings of material movement and custodial workers in San Francisco—Oakland, Calif., March 1976

Occupation and industry division	Number of workers	Hourly earnings ^a			Number of workers receiving straight-time hourly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Mean ²	Median ²	Middle range ²																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Under \$3.00	\$3.00	\$3.20	\$3.40	\$3.60	\$3.80	\$4.00	\$4.20	\$4.40	\$4.60	\$4.80	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00	\$6.20	\$6.40	\$7.00	\$7.40	\$7.80	\$8.20	\$8.60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
ALL WORKERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

See footnotes at end of tables.

**Table A-5. Hourly earnings of material movement and custodial workers in San Francisco—
Oakland, Calif., March 1976—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
					3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.20	6.60	7.00	7.40	7.80	8.20	8.60	9.00					
					Under \$ 3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.20	6.60	7.00	7.40	7.80	8.20	8.60	9.00					
ALL WORKERS-- CONTINUED																																
SHIPPING PACKERS -----	595	5.17	4.98	4.36- 6.01	-	-	-	2	-	2	2	154	10	68	163	6	1	-	-	126	26	21	-	14	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	361	5.27	4.98	4.98- 6.01	-	-	-	2	-	-	-	2	4	68	154	4	1	-	-	126	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS -----	1,697	6.37	6.35	5.77- 7.15	-	-	-	5	6	13	5	-	26	9	2	5	202	141	95	211	224	82	664	7	-	-	-	-	-	-	-	-
MANUFACTURING -----	850	6.29	6.42	5.59- 7.02	-	-	-	-	-	7	-	-	-	-	-	-	183	140	4	47	84	22	363	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	847	6.45	6.35	6.00- 7.38	-	-	-	5	6	6	5	-	26	9	2	5	19	1	91	164	140	60	301	7	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	303	7.37	7.38	7.38- 7.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	301	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	371	5.84	6.00	5.79- 6.35	-	-	-	5	6	6	5	-	26	9	2	5	19	1	43	82	140	15	-	7	-	-	-	-	-	-	-	-
FORKLIFT OPERATORS -----	1,889	6.28	6.29	5.60- 6.78	-	-	-	-	-	-	-	-	92	-	134	43	36	151	72	365	418	191	63	237	81	6	-	-	-	-	-	-
MANUFACTURING -----	1,252	5.91	6.02	5.48- 6.46	-	-	-	-	-	-	-	-	92	-	134	43	36	151	72	178	336	174	-	36	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	637	7.01	7.27	6.10- 7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	187	82	17	63	201	81	6	-	-	-	-	-	-
PUBLIC UTILITIES -----	95	6.85	6.27	6.27- 7.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	47	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	364	6.95	7.27	6.10- 7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151	-	12	63	138	-	-	-	-	-	-	-	-
RETAIL TRADE -----	172	7.25	7.85	6.45- 7.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	28	5	-	16	81	6	-	-	-	-	-	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT) -----	273	6.96	7.55	6.18- 7.60	-	-	-	-	-	-	-	-	-	11	-	6	-	-	-	71	12	-	18	155	-	-	-	-	-	-	-	-
MANUFACTURING -----	235	7.01	7.60	6.18- 7.60	-	-	-	-	-	-	-	-	-	11	-	6	-	-	-	51	12	-	-	155	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN -----	2,985	3.37	3.00	2.70- 3.54	1034	960	132	121	64	106	45	91	29	13	40	77	38	33	41	76	54	28	3	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	179	5.66	5.73	5.19- 6.34	-	-	-	-	-	12	2	17	7	5	-	8	-	12	31	35	20	27	3	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	2,806	3.22	3.00	2.65- 3.32	1034	960	132	121	64	94	43	74	22	8	40	69	38	21	10	41	34	1	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	103	5.56	6.07	4.15- 6.51	-	-	-	-	4	20	4	4	-	-	-	-	-	-	1	35	34	1	-	-	-	-	-	-	-	-	-	-
FINANCE -----	246	4.79	5.03	4.32- 5.26	-	10	-	3	1	2	20	57	5	2	13	61	38	19	9	6	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS: -----																																
MANUFACTURING -----	152	5.81	5.94	5.53- 6.50	-	-	-	-	-	-	2	16	6	5	-	-	-	12	31	35	15	27	3	-	-	-	-	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS -----	6,993	4.91	5.26	4.39- 5.26	4	202	188	226	70	241	160	665	200	130	178	526	3506	112	162	297	104	20	2	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	905	5.22	5.22	4.45- 5.90	-	-	-	20	3	23	70	81	57	44	19	46	177	43	66	130	104	20	2	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	6,088	4.87	5.26	4.33- 5.26	4	202	188	206	67	218	90	584	143	86	159	480	3329	69	96	167	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	370	5.17	5.29	5.00- 5.73	-	-	-	-	-	10	52	11	4	4	-	78	33	56	93	29	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	130	3.89	3.80	3.20- 4.59	-	13	44	-	-	23	-	-	46	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	498	4.31	4.61	3.81- 4.99	4	80	11	15	14	66	29	25	5	46	98	35	54	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	4,173	4.88	5.26	4.33- 5.26	-	109	133	191	52	118	3	464	67	33	58	364	2451	-	-	130	-	-	-	-	-	-	-	-	-	-	-	-

* Workers were distributed as follows: 280 at \$2.20 to \$2.40; 349 at \$2.40 to \$2.60; 297 at \$2.60 to \$2.80; and 108 at \$3 to \$3.20.

See footnotes at end of tables.

Table A-5a. Hourly earnings of material movement and custodial workers—large establishments in San Francisco—Oakland, Calif., March 1976

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	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	\$ 5.80	\$ 6.00	\$ 6.20	\$ 6.40	\$ 6.60	\$ 6.80	\$ 7.00	\$ 7.20	\$ 7.40	\$ 7.60	\$ 7.80	\$ 8.00					
					Under \$ 3.80	and under 3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00	over	and		
ALL WORKERS																															
TRUCKDRIVERS -----	1,723	7.54	7.41	7.19- 8.01	1	-	1	1	2	-	7	2	-	3	2	23	6	22	10	51	35	271	68	696	36	34	*452				
MANUFACTURING -----	479	7.19	7.19	7.19- 7.35	-	-	-	-	-	6	-	-	2	-	3	4	11	7	15	34	271	12	54	36	14	10					
NONMANUFACTURING -----	1,244	7.68	7.41	7.41- 8.41	1	-	1	1	2	-	1	2	-	1	2	20	2	11	3	36	1	-	56	642	-	20	442				
TRUCKDRIVERS, MEDIUM TRUCK: MANUFACTURING -----	52	6.95	7.37	6.87- 7.54	-	-	-	-	-	6	-	-	2	-	-	-	-	-	-	-	14	-	6	24	-	-	-				
TRUCKDRIVERS, HEAVY TRUCK (TRAILER) -----	673	8.05	8.35	7.57- 8.49	-	-	-	-	-	-	-	-	-	-	-	1	-	-	28	-	9	15	134	36	-	450					
NONMANUFACTURING -----	584	8.12	8.41	8.01- 8.49	-	-	-	-	-	-	-	-	-	-	-	1	-	-	28	-	-	9	104	-	-	442					
PUBLIC UTILITIES -----	174	7.66	7.57	7.44- 8.01	-	-	-	-	-	-	-	-	-	-	-	1	-	-	24	-	-	-	78	-	-	71					
TRUCKDRIVERS, HEAVY TRUCK (OTHER THAN TRAILER) -----	59	7.33	7.86	6.73- 7.89	-	-	-	-	-	-	-	-	-	-	3	4	-	7	9	-	-	-	-	-	34	2					
RECEIVING CLERKS -----	127	6.33	6.20	6.02- 6.78	-	-	-	2	-	2	7	6	-	13	1	10	48	1	5	5	-	12	-	-	15	-					
NONMANUFACTURING -----	92	6.60	6.20	6.20- 7.20	-	-	-	-	-	2	-	-	-	1	-	7	48	1	5	3	-	10	-	-	15	-					
RETAIL TRADE -----	76	6.69	6.20	6.20- 7.20	-	-	-	-	-	-	-	-	-	1	-	4	42	1	-	3	-	10	-	-	15	-					
SHIPPING AND RECEIVING CLERKS -----	66	5.74	5.50	5.30- 6.28	2	-	-	3	1	4	5	5	18	4	2	5	6	3	-	-	3	1	-	-	4	-					
NONMANUFACTURING -----	60	5.64	5.50	5.30- 6.19	2	-	-	1	1	4	5	5	18	4	2	5	6	3	-	-	3	1	-	-	-	-					
WAREHOUSEMEN -----	517	7.07	7.70	6.62- 7.70	-	1	3	-	30	11	17	10	2	2	10	7	5	1	64	15	11	14	-	203	111	-					
NONMANUFACTURING -----	482	7.10	7.70	6.62- 7.70	-	1	3	-	30	11	17	10	2	2	10	7	5	1	64	1	11	-	-	203	111	-					
ORDER FILLERS -----	507	7.31	7.70	6.72- 7.75	-	-	-	-	-	-	-	-	-	-	-	114	-	-	15	33	-	-	-	313	-	32					
SHIPPING PACKERS -----	47	6.07	6.26	4.86- 6.86	-	2	2	-	6	-	15	6	1	-	-	-	12	18	-	-	21	-	-	14	-	-					
MANUFACTURING -----	74	6.24	6.26	4.93- 6.86	-	2	2	-	6	-	9	2	-	-	-	-	18	-	-	21	-	-	-	14	-	-					
MATERIAL HANDLING LABORERS -----	614	6.07	6.13	5.38- 6.42	7	4	3	-	26	7	2	5	110	1	47	10	129	62	58	34	-	-	102	7	-	-					
MANUFACTURING -----	265	6.03	6.17	5.26- 6.42	-	-	-	-	-	-	-	93	-	4	-	47	27	51	22	-	-	21	-	-	-	-					
NONMANUFACTURING -----	349	6.11	6.00	5.79- 7.38	7	4	3	-	26	7	2	5	17	1	43	10	82	35	7	12	-	-	81	7	-	-					
RETAIL TRADE -----	258	5.72	6.00	5.38- 6.08	7	4	3	-	26	7	2	5	17	1	43	8	74	35	7	12	-	-	7	-	-	-					
FORKLIFT OPERATORS -----	812	6.39	6.30	6.02- 6.59	-	-	-	-	-	90	13	-	-	16	-	186	153	177	17	6	-	-	51	16	81	6					
MANUFACTURING -----	603	6.13	6.30	6.02- 6.46	-	-	-	-	-	90	13	-	-	16	-	118	153	171	-	6	-	-	36	-	-	-					
NONMANUFACTURING -----	209	7.14	7.44	6.10- 7.85	-	-	-	-	-	-	-	-	-	-	-	68	-	6	17	-	-	-	15	16	81	6					
GUARDS AND WATCHMEN: MANUFACTURING -----	168	5.77	5.84	5.53- 6.39	-	1	2	17	7	5	-	8	-	12	31	4	31	11	9	18	9	3	-	-	-	-					
NONMANUFACTURING: PUBLIC UTILITIES -----	99	5.61	6.07	4.15- 6.51	4	20	4	-	-	-	-	-	-	1	-	35	-	34	1	-	-	-	-	-	-	-					
FINANCE -----	184	4.86	5.09	4.37- 5.29	14	2	20	12	5	2	13	61	21	19	9	6	-	-	-	-	-	-	-	-	-	-					
GUARDS: MANUFACTURING -----	152	5.81	5.94	5.53- 6.50	-	-	2	16	6	5	-	-	-	12	31	4	31	6	9	18	9	3	-	-	-	-					
JANITORS, PORTERS, AND CLEANERS -----	2,965	4.95	5.26	4.33- 5.26	256	83	103	429	59	81	80	113	1253	93	161	47	81	66	38	20	-	-	2	-	-	-					
MANUFACTURING -----	621	5.45	5.39	5.04- 6.06	4	7	19	37	30	28	7	25	165	31	65	-	77	66	38	20	-	-	2	-	-	-					
NONMANUFACTURING -----	2,344	4.82	5.26	4.33- 5.26	†292	76	84	392	29	53	73	88	1088	62	96	47	4	-	-	-	-	-	-	-	-	-					
PUBLIC UTILITIES -----	360	5.21	5.39	5.00- 5.74	-	-	52	11	4	4	-	78	33	56	93	29	-	-	-	-	-	-	-	-	-	-					
RETAIL TRADE -----	267	4.60	4.89	4.00- 5.00	46	10	23	1	3	46	68	7	54	3	2	-	4	-	-	-	-	-	-	-	-	-					
SERVICES -----	1,645	4.77	5.26	4.33- 5.26	205	65	3	371	1	-	2	-	980	-	-	18	-	-	-	-	-	-	-	-	-	-					

* Workers were distributed as follows: 80 at \$8 to \$8.20; 56 at \$8.20 to \$8.40; 305 at \$8.40 to \$8.60; and 11 at \$8.60 to \$8.80.

† Workers were distributed as follows: 9 at \$3 to \$3.20; 9 at \$3.20 to \$3.40; 182 at \$3.40 to \$3.60; and 52 at \$3.60 to \$3.80.

See footnotes at end of tables.

Table A-6. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex, in San Francisco—Oakland, Calif., March 1976

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴
MAINTENANCE, TOOLROOM, AND POWERPLANT OCCUPATIONS - MFN			MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		
MAINTENANCE CARPENTERS -----	187	\$ 7.90	TRUCKDRIVERS -----	7,793	\$ 7.31	WAREHOUSEMEN -----	3,885	\$ 6.50
MANUFACTURING -----	83	7.33	MANUFACTURING -----	1,817	7.04	MANUFACTURING -----	194	5.67
MAINTENANCE ELECTRICIANS -----	665	7.79	NONMANUFACTURING -----	5,976	7.39	NONMANUFACTURING -----	3,691	6.54
MANUFACTURING -----	493	7.72	PUBLIC UTILITIES -----	3,663	7.44	WHOLESALE TRADE -----	3,011	6.48
NONMANUFACTURING -----	172	7.97	WHOLESALE TRADE -----	1,478	7.31	RETAIL TRADE -----	509	6.84
PUBLIC UTILITIES -----	138	8.10	RETAIL TRADE -----	533	8.05			
MAINTENANCE PAINTERS -----	186	8.25	SERVICES -----	295	6.09	ORDER FILLERS:		
MANUFACTURING -----	69	7.64	TRUCKDRIVERS, LIGHT TRUCK -----	483	6.26	MANUFACTURING -----	241	6.33
NONMANUFACTURING -----	117	8.61	NONMANUFACTURING -----	203	5.11	SHIPPING PACKERS -----	344	5.39
SERVICES -----	73	7.98	TRUCKDRIVERS, MEDIUM TRUCK -----	1,545	6.89	NONMANUFACTURING -----	124	6.02
MAINTENANCE MACHINISTS -----	1,034	7.82	NONMANUFACTURING -----	1,100	6.95	MATERIAL HANDLING LABORERS -----	1,645	6.40
MANUFACTURING -----	917	7.82	WHOLESALE TRADE -----	205	6.27	MANUFACTURING -----	804	6.34
NONMANUFACTURING -----	117	7.83	TRUCKDRIVERS, HEAVY TRUCK			NONMANUFACTURING -----	841	6.46
PUBLIC UTILITIES -----	106	7.85	(TRAILER) -----	4,762	7.55	PUBLIC UTILITIES -----	301	7.38
MAINTENANCE MECHANICS (MACHINERY) -	708	7.06	MANUFACTURING -----	895	7.11	RETAIL TRADE -----	369	5.84
MANUFACTURING -----	642	6.96	NONMANUFACTURING -----	3,867	7.66	FORKLIFT OPERATORS -----	1,876	6.28
MAINTENANCE MECHANICS			PUBLIC UTILITIES -----	2,559	7.47	MANUFACTURING -----	1,239	5.91
(MOTOR VEHICLES) -----	965	8.08	WHOLESALE TRADE -----	896	7.88	NONMANUFACTURING -----	637	7.01
MANUFACTURING -----	221	8.04	TRUCKDRIVERS, HEAVY TRUCK			PUBLIC UTILITIES -----	95	6.85
NONMANUFACTURING -----	744	8.09	(OTHER THAN TRAILER) -----	814	7.43	WHOLESALE TRADE -----	364	6.95
PUBLIC UTILITIES -----	564	8.11	MANUFACTURING -----	163	7.58	RETAIL TRADE -----	172	7.25
WHOLESALE TRADE -----	115	7.74	NONMANUFACTURING -----	651	7.39	POWER-TRUCK OPERATORS (OTHER		
MAINTENANCE PIPEFITTERS -----	285	7.78	SHIPPING CLERKS -----	320	5.85	THAN FORKLIFT) -----	273	6.96
MANUFACTURING -----	282	7.78	MANUFACTURING -----	192	5.64	MANUFACTURING -----	235	7.01
MAINTENANCE SHEET-METAL WORKERS ---	78	7.66	NONMANUFACTURING -----	128	6.15	GUARDS AND WATCHMEN -----	2,928	3.33
MAINTENANCE TRADES HELPERS -----	155	5.97	WHOLESALE TRADE -----	99	5.96	MANUFACTURING -----	173	5.65
MANUFACTURING -----	78	6.21	RECEIVING CLERKS -----	537	6.18	NONMANUFACTURING -----	2,755	3.19
NONMANUFACTURING -----	77	5.73	MANUFACTURING -----	75	5.63	FINANCE -----	244	4.81
PUBLIC UTILITIES -----	59	6.08	NONMANUFACTURING -----	462	6.27	GUARDS:		
TOOL AND DIE MAKERS -----	261	8.87	WHOLESALE TRADE -----	204	6.35	MANUFACTURING -----	146	5.81
MANUFACTURING -----	249	8.92	RETAIL TRADE -----	208	6.60	JANITORS, PORTERS, AND CLEANERS ---	5,709	4.88
STATIONARY ENGINEERS -----	430	7.99	SHIPPING AND RECEIVING CLERKS -----	362	5.99	MANUFACTURING -----	865	5.22
MANUFACTURING -----	123	7.94	MANUFACTURING -----	154	5.94	NONMANUFACTURING -----	4,844	4.82
NONMANUFACTURING -----	307	8.01	NONMANUFACTURING -----	208	6.03	PUBLIC UTILITIES -----	281	5.12
SERVICES -----	147	8.10	WHOLESALE TRADE -----	133	6.27	WHOLESALE TRADE -----	130	3.89
						RETAIL TRADE -----	466	4.31
						FINANCE -----	560	5.06
						SERVICES -----	3,407	4.86

See footnotes at end of tables.

Table A-6a. Average hourly earnings of maintenance, toolroom, powerplant, material movement, and custodial workers, by sex—large establishments in San Francisco—Oakland, Calif., March 1976

Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴	Sex, ³ occupation, and industry division	Number of workers	Average (mean ²) hourly earnings ⁴
MAINTENANCE, TOOLROOM, and POWERPLANT OCCUPATIONS - MEN			MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN--CONTINUED		
MAINTENANCE CARPENTERS -----	154	\$ 8.12	TRUCKDRIVERS - CONTINUED		
MANUFACTURING -----	72	7.64	TRUCKDRIVERS, HEAVY TRUCK (TRAILER) -----	672	\$ 8.05
MAINTENANCE ELECTRICIANS -----	472	7.92	NONMANUFACTURING -----	583	8.12
MANUFACTURING -----	316	7.87	PUBLIC UTILITIES -----	173	7.61
NONMANUFACTURING -----	156	8.02	TRUCKDRIVERS, HEAVY TRUCK (OTHER THAN TRAILER) -----	59	7.33
PUBLIC UTILITIES -----	138	8.10	RECEIVING CLERKS -----	127	6.33
MAINTENANCE PAINTERS -----	89	8.01	NONMANUFACTURING -----	92	6.60
MAINTENANCE MACHINISTS -----	512	8.23	RETAIL TRADE -----	76	6.69
MANUFACTURING -----	435	8.30	SHIPPING AND RECEIVING CLERKS -----	66	5.74
MAINTENANCE MECHANICS (MACHINERY) - MANUFACTURING -----	482	7.11	NONMANUFACTURING -----	60	5.64
	418	6.96	WAREHOUSEMEN -----	499	7.15
MAINTENANCE MECHANICS (MOTOR VEHICLES) -----	499	8.13	NONMANUFACTURING -----	464	7.19
MANUFACTURING -----	108	7.79	ORDER FILLERS -----	498	7.33
NONMANUFACTURING -----	391	8.22	SHIPPING PACKERS -----	70	6.49
PUBLIC UTILITIES -----	322	8.18	MANUFACTURING -----	60	6.57
MAINTENANCE PIPEFITTERS -----	164	7.74	MATERIAL HANDLING LABORERS -----	562	6.13
MANUFACTURING -----	161	7.74	MANUFACTURING -----	219	6.16
MAINTENANCE SHEET-METAL WORKERS ---	78	7.66	NONMANUFACTURING -----	343	6.11
MAINTENANCE TRADES HELPERS -----	130	5.96	RETAIL TRADE -----	256	5.72
MANUFACTURING -----	78	6.21	FORKLIFT OPERATORS -----	799	6.40
TOOL AND DIE MAKERS -----	240	8.83	MANUFACTURING -----	590	6.13
MANUFACTURING -----	228	8.88	NONMANUFACTURING -----	209	7.14
STATIONARY ENGINEERS -----	184	7.87	GUARDS AND WATCHMEN: MANUFACTURING -----	162	5.77
MANUFACTURING -----	88	7.63	NONMANUFACTURING: FINANCE -----	182	4.88
NONMANUFACTURING -----	96	8.09	GUARDS: MANUFACTURING -----	146	5.81
MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS - MEN			JANITORS, PORTERS, AND CLEANERS ---	2,607	4.96
TRUCKDRIVERS -----	1,716	7.55	MANUFACTURING -----	590	5.46
MANUFACTURING -----	479	7.19	NONMANUFACTURING -----	2,017	4.82
NONMANUFACTURING -----	1,237	7.69	PUBLIC UTILITIES -----	271	5.16
TRUCKDRIVERS, MEDIUM TRUCK: MANUFACTURING -----	52	6.95	RETAIL TRADE -----	260	4.62
			SERVICES -----	1,414	4.79

See footnotes at end of tables.

Table A-7. Percent increases in average hourly earnings for selected occupational groups, adjusted for employment shifts, in San Francisco—Oakland, Calif., for selected periods

Industry and occupational group (men and women combined)	October 1971 to March 1973		March 1973 to March 1974	March 1974 to March 1975	March 1975 to March 1976
	17-month increase	Annual rate of increase			
All industries:					
Office clerical.....	8.1	5.7	6.7	10.0	8.0
Electronic data processing	*	*	*	9.2	7.5
Industrial nurses	8.8	6.1	7.5	11.9	7.9
Skilled maintenance trades **	10.4	7.2	7.3	11.4	9.2
Unskilled plant workers **	9.9	6.9	7.2	11.9	7.6
Manufacturing:					
Office clerical.....	8.0	5.6	7.1	12.2	7.6
Electronic data processing	*	*	*	10.9	7.8
Industrial nurses	8.5	5.9	7.8	12.8	9.0
Skilled maintenance trades **	9.4	6.5	8.0	11.7	10.2
Unskilled plant workers **	8.9	6.2	8.0	9.3	9.1
Nonmanufacturing:					
Office clerical.....	8.1	5.7	6.5	9.2	8.1
Electronic data processing	*	*	*	8.8	7.4
Industrial nurses	9.7	6.8	***	***	***
Skilled maintenance trades **	***	***	***	***	***
Unskilled plant workers **	10.1	7.0	6.8	12.7	7.1

* Data not available.

** Percent increases for periods ending prior to 1976 relate to men only.

*** Data do not meet publication criteria.

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 employees surveyed receive more and half receive less than the rate shown. The middle range is defined by 2 rates of pay; a fourth of the workers earn less than the lower of these rates and a fourth earn more than the higher rate.

³ Earnings data relate only to workers whose sex identification was provided by the establishment.
Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Appendix A

Area wage and related benefits data are obtained by personal visits of Bureau field representatives at 3-year intervals.¹ In each of the intervening years, information on employment and occupational earnings is collected by a combination of personal visit, mail questionnaire, and telephone interview from establishments participating in the previous survey.

In each of the 84² areas currently surveyed, data are obtained from representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because of insufficient employment in the occupations studied. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

These surveys are conducted on a sample basis. The sampling procedures involve detailed stratification of all establishments within the scope of an individual area survey by industry and number of employees. From this stratified universe a probability sample is selected, with each establishment having a predetermined chance of selection. To obtain optimum accuracy at minimum cost, a greater proportion of large than small establishments is selected. When data are combined, each establishment is weighted according to its probability of selection, so that unbiased estimates are generated. For example, if one out of four establishments is selected, it is given a weight of four 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, data are included in the overall classification when a subclassification of electronics technicians, secretaries, or truckdrivers 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.

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

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

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

¹ Personal visits were on a 2-year cycle before July 1972.

² Included in the 84 areas are 14 studies conducted by the Bureau under contract. These areas are Akron, Ohio; Austin, Tex.; Binghamton, N.Y.-Pa.; Birmingham, Ala.; Fort Lauderdale-Hollywood and West Palm Beach-Boca Raton, Fla.; Lexington-Fayette, Ky.; Melbourne-Titusville-Cocoa, Fla.; Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va.-N.C.; Poughkeepsie-Kingston-Newburgh, N.Y.; Raleigh-Durham, N.C.; Stamford, Conn.; Syracuse, N.Y.; Utica-Rome, N.Y.; and Westchester County, N.Y. In addition, the Bureau conducts more limited area studies in approximately 70 areas at the request of the Employment Standards Administration of the U.S. Department of Labor.

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 for 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 enter at the bottom of the range, depressing the average without a change in wage rates.

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

Occupations used to compute wage trends are:

Office clerical (men and women):

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

Office clerical (men and women)—Continued

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

Electronic data processing (men and women):

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

Skilled maintenance (men and women):

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

Industrial nurses (men and women):

Registered industrial nurses

Unskilled plant (men and women):

Janitors, porters, and cleaners
Material handling laborers

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

1. Each occupation is assigned a weight based on its proportionate employment in the occupational group in the base year.
2. These weights are used to compute group averages. Each occupation's average (mean) earnings is multiplied by its weight. The products are totaled to obtain a group average.
3. The ratio of group averages for 2 consecutive years is computed by dividing the average for the current year by the average for the earlier year. The result—expressed as a percent—less 100 is the percent change.

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

Establishment practices and supplementary wage provisions

Tabulations on selected establishment practices and supplementary wage provisions (B-series tables) are not presented in this bulletin. Information for these tabulations is collected at 3-year intervals.¹ 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.

¹ Personal visits were on a 2-year cycle before July 1972.

Appendix table 1. Establishments and workers within scope of survey and number studied in San Francisco—Oakland, Calif.,¹ March 1976

Industry division ²	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments		
		Within scope of study ³	Studied	Within scope of study ⁴		Studied
				Number	Percent	
ALL ESTABLISHMENTS						
ALL DIVISIONS -----	-	1,603	273	460,686	100	236,241
MANUFACTURING -----	100	387	73	118,976	26	49,386
NONMANUFACTURING -----	-	1,216	200	341,704	74	186,855
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	100	98	31	89,542	19	72,536
WHOLESALE TRADE -----	50	306	35	33,301	7	7,468
RETAIL TRADE -----	100	174	43	76,550	17	43,280
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	50	662	42	77,504	17	44,468
SERVICES ⁷ -----	50	376	49	64,807	14	19,103
LARGE ESTABLISHMENTS						
ALL DIVISIONS -----	-	140	94	234,983	100	200,399
MANUFACTURING -----	500	54	32	55,090	23	40,464
NONMANUFACTURING -----	-	86	62	179,893	77	159,935
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES ⁵ -----	500	19	16	71,532	30	68,523
WHOLESALE TRADE -----	500	4	3	3,687	2	3,169
RETAIL TRADE -----	500	27	16	46,387	20	36,516
FINANCE, INSURANCE, AND REAL ESTATE ⁶ -----	500	20	15	43,542	19	39,884
SERVICES ⁷ -----	500	16	12	14,745	6	11,843

¹ The San Francisco—Oakland Standard Metropolitan Statistical Area, as defined by the Office of Management and Budget through February 1974, consists of Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties. The "workers within scope of study" estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other employment indexes to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) small establishments are excluded from the scope of the survey.

² The 1967 edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division.

³ Includes all establishments with total employment at or above the minimum limitation. All outlets (within the area) of companies in industries such as trade, finance, auto repair service, and motion picture theaters are considered as 1 establishment.

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

⁵ Abbreviated to "public utilities" in the A-series tables. Taxicabs and services incidental to water transportation were excluded. The local transit systems in the San Francisco—Oakland area are municipally operated and excluded by definition from the scope of the study.

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

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

Appendix B. Occupational Descriptions

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

OFFICE

SECRETARY

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

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

SECRETARY—Continued

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

Exclusions

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

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

Beginning with calendar year 1976 surveys, the Bureau has grouped occupations studied in its area wage surveys into job families in order to present information on related occupations in sequence. Job families have not been titled, however, since doing so might have added extraneous elements to the job matching process.

The Bureau has also revised several occupational titles. The titles more nearly reflect usual word order and are more descriptive of the survey jobs.

Exclusions—Continued

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

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

Class A

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

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

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

Class B

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

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

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

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

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

Class C

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

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

Class D

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

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

STENOGRAPHER

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

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

Stenographer, General

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

Stenographer, Senior

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

OR

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

TRANSCRIBING-MACHINE TYPIST

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

TYPIST

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

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

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

FILE CLERK

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

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

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

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

MESSENGER

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

SWITCHBOARD OPERATOR

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

SWITCHBOARD OPERATOR-RECEPTIONIST

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

ORDER CLERK

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

ACCOUNTING CLERK

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

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

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

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

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

BOOKKEEPING-MACHINE OPERATOR

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

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

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

MACHINE BILLER

Prepares statements, bills, and invoices on a machine other than an ordinary or electronic 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 memorandums, etc. Usually involves application of predetermined discounts and shipping charges and entry of necessary extensions, which may or may not be computed on the billing machine, and totals which are automatically accumulated by machine. The operation usually involves a large number of carbon copies of the bill being prepared and is often done on a fanfold machine.

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

PAYROLL CLERK

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

KEYPUNCH OPERATOR

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

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

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

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

TABULATING-MACHINE OPERATOR

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

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

Class A. Performs complete reporting and tabulating assignments including devising difficult control panel wiring under general supervision. Assignments typically involve a variety of long and complex reports which often are irregular or nonrecurring, requiring some planning of the nature and sequencing of operations, and the use of a variety of machines. Is typically involved in training new operators in machine operations or training lower level operators in wiring from diagrams and in the operating sequences of long and complex reports. Does not include positions in which wiring responsibility is limited to selection and insertion of prewired boards.

Class B. Performs work according to established procedures and under specific instructions. Assignments typically involve complete but routine and recurring reports or parts of larger and more complex reports. Operates more difficult tabulating or electrical accounting machines such as the tabulator and calculator, in addition to the simpler machines used by class C operators. May be required to do some wiring from diagrams.

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

PROFESSIONAL AND TECHNICAL

COMPUTER SYSTEMS ANALYST, BUSINESS

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

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

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

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

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

Class B. Works independently or under only general direction on problems that are relatively uncomplicated to analyze, plan, program, and operate. Problems are of limited complexity because sources of input data are homogeneous and the output data are closely related. (For example, develops systems for maintaining depositor accounts in a bank, maintaining accounts receivable in a retail establishment, or maintaining inventory accounts in a manufacturing or wholesale establishment.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of the data processing systems to be applied.

OR

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

COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

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 linkage points between operations, adjustments to data when program requirements exceed computer storage capacity, and substantial manipulation and resequencing of data elements to form a highly integrated program.

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

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

OR

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

May guide or instruct lower level programmers.

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

COMPUTER OPERATOR

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

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

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

Class B. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: Most of the programs are established production runs, typically run on a regularly recurring basis; there is little or no testing of new programs required; alternate programs are provided in case original program needs

major change or cannot be corrected within a reasonably short time. In common error situations, diagnoses cause and takes corrective action. This usually involves applying previously programmed corrective steps, or using standard correction techniques.

OR

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

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

DRAFTER

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

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

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

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

AND/OR

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

ELECTRONICS TECHNICIAN

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

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

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

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

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

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

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

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

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

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

REGISTERED INDUSTRIAL NURSE

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;

MAINTENANCE CARPENTER—Continued

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 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 vehicle)

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 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.

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. Sales-route and over-the-road drivers are excluded.

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

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—Continued

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

SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming shipments of merchandise or other materials. Shipping work involves: A knowledge of shipping procedures, practices, routes, available means of transportation, and rates; and preparing records of the goods

SHIPPING AND RECEIVING CLERK—Continued

shipped, making up bills of lading, posting weight and shipping charges, and keeping a file of shipping records. May direct or assist in preparing the merchandise for shipment. Receiving work involves: Verifying or directing others in verifying the correctness of shipments against bills of lading, invoices, or other records; checking for shortages and rejecting damaged goods; routing merchandise or materials to proper departments; and maintaining necessary records and files.

For wage study purposes, workers are classified as follows:

Shipping clerk
Receiving clerk
Shipping and receiving clerk

WAREHOUSEMAN

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

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

ORDER FILLER

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

SHIPPING PACKER

Prepares finished products for shipment or storage by placing them in shipping containers, the specific operations performed being dependent upon the type, size, and number of units to be packed, the type of container employed, and method of shipment. Work requires the placing of items in

SHIPPING PACKER—Continued

shipping containers and may involve one or more of the following: Knowledge of various items of stock in order to verify content; selection of appropriate type and size of container; inserting enclosures in container; using excelsior or other material to prevent breakage or damage; closing and sealing container; and applying labels or entering identifying data on container. Packers who also make wooden boxes or crates are excluded.

MATERIAL HANDLING LABORER

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

POWER-TRUCK OPERATOR

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

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

Forklift operator
Power-truck operator (other than forklift)

GUARD AND WATCHMAN

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

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

JANITOR, PORTER, OR CLEANER

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

Available On Request—

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

Alaska	Logansport-Peru, Ind.
Albany, Ga.	Lorain-Elyria, Ohio
Albuquerque, N. Mex.	Lower Eastern Shore, Md.-Va.-Del.
Alexandria, La.	Lynchburg, Va.
Alpena, Standish, and Tawas City, Mich.	Macon, Ga.
Ann Arbor, Mich.	Madison, Wis.
Asheville, N.C.	Mansfield, Ohio
Atlantic City, N.J.	Marquette, Escanaba, Sault Ste. Marie, Mich.
Augusta, Ga.-S.C.	McAllen-Pharr-Edinburg and Brownsville-
Bakersfield, Calif.	Harlingen-San Benito, Tex.
Baton Rouge, La.	Medford-Klamath Falls-Grants Pass, Oreg.
Battle Creek, Mich.	Meridian, Miss.
Beaumont-Port Arthur-Orange, Tex.	Middlesex, Monmouth, and Ocean Cos., N.J.
Biloxi-Gulfport and Pascagoula, Miss.	Mobile and Pensacola, Ala.-Fla.
Boise City, Idaho	Montgomery, Ala.
Bremerton, Wash.	Nashville-Davidson, Tenn.
Bridgeport, Norwalk, and Stamford, Conn.	New Bern-Jacksonville, N.C.
Brunswick, Ga.	New London-Norwich, Conn.-R.I.
Burlington, Vt.-N.Y.	North Dakota, State of
Cape Cod, Mass.	Orlando, Fla.
Cedar Rapids, Iowa	Oxnard-Simi Valley-Ventura, Calif.
Champaign-Urbana-Rantoul, Ill.	Panama City, Fla.
Charleston, S.C.	Parkersburg-Marietta, W. Va.-Ohio
Charlotte-Gastonia, N.C.	Peoria, Ill.
Cheyenne, Wyo.	Phoenix, Ariz.
Clarksville-Hopkinsville, Tenn.-Ky.	Pine Bluff, Ark.
Colorado Springs, Colo.	Pocatello-Idaho Falls, Idaho
Columbia, S.C.	Portsmouth, N.H.-Maine-Mass.
Columbus, Ga.-Ala.	Pueblo, Colo.
Columbus, Miss.	Puerto Rico
Crane, Ind.	Reno, Nev.
Decatur, Ill.	Richland-Kennewick-Walla Walla-
Des Moines, Iowa	Pendleton, Wash.-Oreg.
Dothan, Ala.	Riverside-San Bernardino-Ontario, Calif.
Duluth-Superior, Minn.-Wis.	Salina, Kans.
El Paso, Tex., and Alamogordo-Las Cruces, N. Mex.	Salinas-Seaside-Monterey, Calif.
Eugene-Springfield, Oreg.	Sandusky, Ohio
Fayetteville, N.C.	Santa Barbara-Santa Maria-Lompoc, Calif.
Fitchburg-Leominster, Mass.	Savannah, Ga.
Fort Smith, Ark.-Okla.	Selma, Ala.
Fort Wayne, Ind.	Sherman-Denison, Tex.
Frederick-Hagerstown, Md.-Chambersburg, Pa.-	Shreveport, La.
Martinsburg, W. Va.	Sioux Falls, S. Dak.
Gadsden and Anniston, Ala.	Spokane, Wash.
Goldsboro, N.C.	Springfield, Ill.
Grand Island-Hastings, Nebr.	Springfield-Chicopee-Holyoke, Mass.-Conn.
Great Falls, Mont.	Stockton, Calif.
Guam, Territory of	Tacoma, Wash.
Harrisburg-Lebanon, Pa.	Tampa-St. Petersburg, Fla.
Huntington-Ashland, W. Va.-Ky.-Ohio	Topeka, Kans.
Knoxville, Tenn.	Tucson, Ariz.
La Crosse, Wis.	Tulsa, Okla.
Laredo, Tex.	Vallejo-Fairfield-Napa, Calif.
Las Vegas, Nev.	Waco and Killeen-Temple, Tex.
Lawton, Okla.	Waterloo-Cedar Falls, Iowa
Lima, Ohio	West Texas Plains
Little Rock-North Little Rock, Ark.	Wilmington, Del.-N.J.-Md.

An annual report on salaries for accountants, auditors, chief accountants, attorneys, job analysts, directors of personnel, buyers, chemists, engineers, engineering technicians, drafters, and clerical employees is available. Order as BLS Bulletin 1891, National Survey of Professional, Administrative, Technical, and Clerical Pay, March 1975, \$1.40 a copy, from any of the BLS regional sales offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Area Wage Surveys

A list of the latest available bulletins or bulletin supplements is presented below. A directory of area wage studies including more limited studies conducted at the request of the Employment Standards Administration of the Department of Labor is available on request. Bulletins may be purchased from any of the BLS regional offices shown on the back cover. Bulletin supplements may be obtained without cost, where indicated, from BLS regional offices.

Area	Bulletin number and price*	Area	Bulletin number and price*
Akron, Ohio, Dec. 1975	1850-80, 45 cents	Miami, Fla., Oct. 1975	1850-76, 95 cents
Albany-Schenectady-Troy, N.Y., Sept. 1975 ¹	1850-63, \$1.20	Milwaukee, Wis., Apr. 1975 ¹	1850-21, 85 cents
Anaheim-Santa Ana-Garden Grove, Calif., Oct. 1975 ¹	1850-75, 85 cents	Minneapolis-St. Paul, Minn.-Wis., Jan. 1976	1900-3, 95 cents
Atlanta, Ga., May 1975 ¹	1850-25, \$1.00	Nassau-Suffolk, N.Y., June 1975 ¹	1850-39, \$1.00
Austin, Tex., Dec. 1975 ¹	1850-83, 75 cents	Newark, N.J., Jan. 1975 ¹	1850-18, \$1.00
Baltimore, Md., Aug. 1975 ¹	1850-62, \$1.30	New Orleans, La., Jan. 1976	1900-2, 75 cents
Billings, Mont., July 1975	1850-46, 65 cents	New York, N.Y.-N.J., May 1975 ¹	1850-45, \$1.10
Binghamton, N.Y.-Pa., July 1975	1850-50, 65 cents	Norfolk-Virginia Beach-Portsmouth, Va.-N.C., May 1975	1850-29, 65 cents
Birmingham, Ala., Mar. 1975	Suppl. Free	Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va.-N.C., May 1975	1850-30, 65 cents
Boston, Mass., Aug. 1975 ¹	1850-58, \$1.50	Northeast Pennsylvania, Aug. 1975	1850-52, 65 cents
Buffalo, N.Y., Oct. 1975 ¹	1850-69, 95 cents	Oklahoma City, Okla., Aug. 1975	1850-51, 65 cents
Canton, Ohio, May 1975	Suppl. Free	Omaha, Nebr.-Iowa, Oct. 1975	1850-56, \$1.10
Chattanooga, Tenn.-Ga., Sept. 1975 ¹	1850-67, 85 cents	Paterson-Clifton-Passaic, N.J., June 1975 ¹	1850-38, 80 cents
Chicago, Ill., May 1975	1850-33, 85 cents	Philadelphia, Pa.-N.J., Nov. 1975	1850-65, 85 cents
Cincinnati, Ohio-Ky.-Ind., Mar. 1976	1900-7, 75 cents	Pittsburgh, Pa., Jan. 1976 ¹	1900-1, \$1.15
Cleveland, Ohio, Sept. 1975	1850-64, \$1.30	Portland, Maine, Nov. 1975	1850-72, 45 cents
Columbus, Ohio, Oct. 1975 ¹	1850-78, 95 cents	Portland, Oreg.-Wash., May 1975	1850-40, 75 cents
Corpus Christi, Tex., July 1975	1850-37, 65 cents	Poughkeepsie, N.Y., June 1975 ¹	1850-70, 65 cents
Dallas-Fort Worth, Tex., Oct. 1975 ¹	1850-59, \$1.50	Poughkeepsie-Kingston-Newburgh, N.Y., June 1975 ¹	1850-68, 75 cents
Davenport-Rock Island-Moline, Iowa-Ill., Feb. 1975	Suppl. Free	Providence-Warwick-Pawtucket, R.I.-Mass., June 1975	1850-27, 75 cents
Dayton, Ohio, Dec. 1975	1850-73, 45 cents	Raleigh-Durham, N.C., Feb. 1975	Suppl. Free
Daytona Beach, Fla., Aug. 1975	1850-47, 65 cents	Richmond, Va., June 1975	1850-41, 65 cents
Denver-Boulder, Colo., Dec. 1975	1850-82, 75 cents	St. Louis, Mo.-Ill., Mar. 1975	Suppl. Free
Detroit, Mich., Mar. 1975	1850-22, 85 cents	Sacramento, Calif., Dec. 1975	1850-87, 45 cents
Fort Lauderdale-Hollywood and West Palm Beach-Boca Raton, Fla., Apr. 1975 ¹	1850-26, 80 cents	Saginaw, Mich., Nov. 1975	1850-71, 35 cents
Fresno, Calif., June 1975 ¹	1850-61, \$1.20	Salt Lake City-Ogden, Utah, Nov. 1975 ¹	1850-74, 75 cents
Gainesville, Fla., Sept. 1975	1850-57, \$1.10	San Antonio, Tex., May 1975	1850-23, 65 cents
Green Bay, Wis., July 1975 ¹	1850-44, 80 cents	San Diego, Calif., Nov. 1975	1850-77, 45 cents
Greensboro-Winston-Salem-High Point, N.C., Aug. 1975	1850-49, 65 cents	San Francisco-Oakland, Calif., Mar. 1976	1900-9, 95 cents
Greenville-Spartanburg, S.C., June 1975	1850-42, 65 cents	San Jose, Calif., Mar. 1975 ¹	1850-36, 85 cents
Hartford, Conn., Mar. 1975 ¹	1850-28, 80 cents	Seattle-Everett, Wash., Jan. 1976	1900-6, 65 cents
Houston, Tex., Apr. 1975	Suppl. Free	South Bend, Ind., Mar. 1976	1900-5, 55 cents
Huntsville, Ala., Feb. 1975	Suppl. Free	Stamford, Conn., ²	
Indianapolis, Ind., Oct. 1975 ¹	1850-66, 95 cents	Syracuse, N.Y., July 1975	1850-43, 65 cents
Jackson, Miss., Feb. 1976	1900-8, 55 cents	Toledo, Ohio-Mich., May 1975 ¹	1850-34, 80 cents
Jacksonville, Fla., Dec. 1975	1850-81, 45 cents	Trenton, N.J., Sept. 1975 ¹	1850-60, \$1.20
Kansas City, Mo.-Kans., Sept. 1975	1850-55, 80 cents	Utica-Rome, N.Y., July 1975 ¹	1850-48, 80 cents
Lexington-Fayette, Ky., Nov. 1975 ¹	1850-84, 75 cents	Washington, D.C.-Md.-Va., Mar. 1975 ¹	1850-31, \$1.00
Los Angeles-Long Beach, Calif., Oct. 1975 ¹	1850-86, \$1.15	Westchester County, N.Y., May 1975 ¹	1850-53, 80 cents
Louisville, Ky.-Ind., Nov. 1975	1850-79, 45 cents	Wichita, Kans., Apr. 1975	Suppl. Free
Melbourne-Titusville-Cocoa, Fla., Aug. 1975	1850-54, 65 cents	Worcester, Mass., May 1975 ¹	1850-24, 80 cents
Memphis, Tenn.-Ark.-Miss., Nov. 1975	1850-85, 45 cents	York, Pa., Feb. 1976	1900-4, 55 cents

* 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.

² To be surveyed.

U.S. Department of Labor
Bureau of Labor Statistics
Washington, D.C. 20212

Official Business

Penalty for private use, \$300

Postage and Fees Paid
U.S. Department of Labor

Third Class Mail

Lab-441



Bureau of Labor Statistics Regional Offices

Region I

1603 JFK Federal Building
Government Center
Boston, Mass. 02203
Phone: 223-6761 (Area Code 617)

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

Region II

Suite 3400
1515 Broadway
New York, N.Y. 10036
Phone: 971-5405 (Area Code 212)

New Jersey
New York
Puerto Rico
Virgin Islands

Region III

3535 Market Street,
P.O. Box 13309
Philadelphia, Pa. 19101
Phone: 597-1154 (Area Code 215)

Delaware
District of Columbia
Maryland
Pennsylvania
Virginia
West Virginia

Region IV

Suite 540
1371 Peachtree St., N.E.
Atlanta, Ga. 30309
Phone: 526-5418 (Area Code 404)

Alabama
Florida
Georgia
Kentucky
Mississippi
North Carolina
South Carolina
Tennessee

Region V

9th Floor, 230 S. Dearborn St.
Chicago, Ill. 60604
Phone: 353-1880 (Area Code 312)

Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin

Region VI

Second Floor
555 Griffin Square Building
Dallas, Tex. 75202
Phone: 749-3516 (Area Code 214)

Arkansas
Louisiana
New Mexico
Oklahoma
Texas

Regions VII and VIII

Federal Office Building
911 Walnut St., 15th Floor
Kansas City, Mo. 64106
Phone: 374-2481 (Area Code 816)

VII
Iowa
Kansas
Missouri
Nebraska

VIII
Colorado
Montana
North Dakota
South Dakota
Utah
Wyoming

Regions IX and X

450 Golden Gate Ave.
Box 36017
San Francisco, Calif. 94102
Phone: 556-4678 (Area Code 415)

IX
Arizona
California
Hawaii
Nevada

X
Alaska
Idaho
Oregon
Washington

