

# Occupational Compensation Survey: Pay Only

Anchorage, Alaska,  
Metropolitan Area,  
July 1996



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U.S. Department of Labor  
Bureau of Labor Statistics

Bulletin 3085-30

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## Preface

This bulletin provides results of a July 1996 survey of occupational pay in the Anchorage, AK Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in San Francisco, under the direction of Caryl L. O'Keefe, Assistant Regional Commissioner for Operations.

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

For additional information regarding this survey or similar surveys conducted in this regional area, please contact the BLS San Francisco Regional Office at (415) 975-4350. You may also write to the Bureau of Labor Statistics at: Office of Compensation Levels and Trends, 2 Massachusetts Avenue, NE, Room 4175, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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# Occupational Compensation Survey: Pay Only

# Anchorage, Alaska, Metropolitan Area, July 1996



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

Bureau of Labor Statistics  
Katharine G. Abraham,  
Commissioner

November 1996

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## Contents

	Page		Page
Introduction .....	2	Tables—Continued	
Tables:			
All establishments:			
A-1. Weekly hours and pay of professional and administrative occupations .....	3	A-7. Weekly hours and pay of technical and protective service occupations .....	12
A-2. Weekly hours and pay of technical and protective service occupations .....	6	A-8. Weekly hours and pay of clerical occupations .....	13
A-3. Weekly hours and pay of clerical occupations .....	7	A-9. Hourly pay of maintenance and toolroom occupations .....	14
A-4. Hourly pay of maintenance and toolroom occupations .....	9	A-10. Hourly pay of material movement and custodial occupations .....	14
A-5. Hourly pay of material movement and custodial occupations .....	10		
Establishments employing 500 workers or more:			
A-6. Weekly hours and pay of professional and administrative occupations .....	11	Appendixes:	
		A. Scope and method of survey .....	A-1
		B. Occupational descriptions .....	B-1

# Introduction

This survey of occupational pay in the Anchorage, AK Metropolitan Statistical Area (Anchorage Borough) was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. The survey is one of a number conducted annually in metropolitan areas throughout the United States. (See listing of reports for other surveys at the end of this bulletin.)

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

The Program develops information that is used for a variety of purposes, including wage and salary administration, collective bargaining, and assistance in determining business or plant location. Survey results also are used by the U.S. Department of Labor in making wage determinations under the Service Contract Act, and by the President's Pay Agent (the Secretary of Labor and Directors of the U.S. Office of Personnel Management and the U.S. Office of Management and Budget) in determining local pay adjustments under the Federal Employee Pay Comparability Act of 1990. This latter requirement resulted in: (1) Expanding the survey's industrial coverage to include all private nonfarm establishments (except households) employing 50 workers or more and to State and local governments and

(2) adding more professional, administrative, technical, and protective service occupations to the surveys.

## Pay

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

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

## Appendixes

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

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

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	450 and under 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 and over		
<b>PROFESSIONAL OCCUPATIONS</b>																												
<b>Accountants</b> .....	182	39.7	\$895	\$856	\$737 - \$1,010	-	3	2	8	6	20	19	16	9	9	4	-	1	1	3	-	-	1	-	-	-	-	-
Private industry .....	111	40.0	879	812	700 - 987	-	5	1	10	6	22	19	13	7	6	5	-	-	5	-	-	1	-	-	-	-	-	
Service-producing industries .....	98	40.0	880	826	698 - 935	-	6	1	11	7	17	20	14	5	7	4	-	-	5	-	-	1	-	-	-	-	-	
Transportation and utilities .....	37	40.0	954	-	- - -	-	16	3	11	-	22	-	14	5	5	8	-	-	14	-	-	3	-	-	-	-	-	
State and local government .....	71	39.3	920	920	775 - 1,015	-	-	3	4	6	17	18	23	11	13	3	-	1	1	-	-	-	-	-	-	-	-	
Level 2 .....	73	39.8	746	752	671 - 840	-	8	1	15	8	26	32	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	53	40.0	703	700	600 - 812	-	11	2	21	9	28	26	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	46	40.0	702	704	600 - 812	-	13	2	24	11	17	30	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	20	39.4	860	856	775 - 942	-	-	-	-	5	20	45	20	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	66	39.7	972	923	870 - 1,053	-	-	-	-	3	18	17	33	9	11	3	-	2	-	3	-	-	2	-	-	-	-	
Private industry .....	41	40.0	977	923	836 - 1,070	-	-	-	-	2	22	17	29	7	10	5	-	-	-	5	-	-	2	-	-	-	-	
Service-producing industries .....	38	40.0	966	-	- - -	-	-	-	-	3	24	16	32	8	11	-	-	-	-	5	-	-	3	-	-	-	-	
State and local government .....	25	39.1	963	963	899 - 1,015	-	-	-	-	4	12	16	40	12	12	-	-	4	-	-	-	-	-	-	-	-	-	
Level 4 .....	26	39.6	1,116	-	- - -	-	-	-	-	-	-	-	12	31	35	23	-	-	-	-	-	-	-	-	-	-	-	
<b>Engineers</b> .....	1,061	39.7	1,413	1,369	1,104 - 1,624	-	-	-	-	-	2	5	7	11	8	10	11	11	8	7	4	3	3	3	3	3	4	
Private industry .....	849	40.0	1,479	1,453	1,209 - 1,691	-	-	-	-	-	1	3	6	9	5	9	12	12	10	9	5	3	4	4	4	3	5	
Service-producing industries .....	445	40.0	1,329	1,333	1,082 - 1,553	-	-	-	-	-	3	6	10	10	6	11	14	12	12	8	2	1	3	1	2	( <sup>3</sup> )		
Transportation and utilities .....	70	40.0	1,406	1,332	1,192 - 1,598	-	-	-	-	-	-	-	3	13	11	16	13	13	10	7	3	1	4	4	1	-		
Level 2 .....	101	39.0	948	950	856 - 1,024	-	-	-	-	-	16	22	19	36	7	1	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	214	39.5	1,125	1,118	1,019 - 1,200	-	-	-	-	-	-	5	17	27	26	13	6	6	( <sup>3</sup> )	-	-	-	-	-	-	-	-	
Private industry .....	126	40.0	1,154	1,107	1,080 - 1,248	-	-	-	-	-	-	-	18	31	17	15	10	7	1	-	-	-	-	-	-	-	-	
Service-producing industries .....	88	40.0	1,130	1,085	1,019 - 1,220	-	-	-	-	-	-	-	23	41	8	13	10	5	1	-	-	-	-	-	-	-	-	
Level 4 .....	430	39.9	1,436	1,425	1,302 - 1,563	-	-	-	-	-	-	-	( <sup>3</sup> )	4	5	15	23	20	13	11	4	2	1	1	( <sup>3</sup> )	-		
Private industry .....	391	40.0	1,458	1,464	1,321 - 1,582	-	-	-	-	-	-	-	-	2	4	14	22	22	15	12	5	2	1	1	( <sup>3</sup> )	-		
Service-producing industries .....	218	40.0	1,423	1,390	1,297 - 1,538	-	-	-	-	-	-	-	-	3	7	16	25	20	14	10	2	1	1	1	( <sup>3</sup> )	-		
Transportation and utilities .....	37	40.0	1,499	-	- - -	-	-	-	-	-	-	-	-	-	11	22	19	11	8	8	3	3	5	8	3	-		
Level 5 .....	152	39.7	1,732	1,724	1,568 - 1,948	-	-	-	-	-	-	-	-	1	-	7	6	4	15	13	14	13	9	12	5	2		
Private industry .....	132	40.0	1,799	1,774	1,609 - 1,970	-	-	-	-	-	-	-	-	-	-	-	1	5	17	14	16	14	11	14	6	2		
Service-producing industries .....	42	40.0	1,614	1,594	1,553 - 1,650	-	-	-	-	-	-	-	-	-	-	-	2	12	48	21	7	2	7	-	-	-		
Level 6 .....	100	39.7	1,994	2,068	1,753 - 2,210	-	-	-	-	-	-	-	-	-	-	2	2	6	5	7	3	2	18	8	19	28		
Private industry .....	86	40.0	2,083	2,128	1,971 - 2,250	-	-	-	-	-	-	-	-	-	-	-	-	1	8	3	2	21	9	22	433			

See footnotes at end of table.

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Anchorage, AK, July 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	450 and under 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 and over	
<b>Scientists</b> .....	305	38.8	\$1,289	\$1,160	\$1,015 - \$1,491	-	-	-	-	1	4	10	9	12	17	9	9	4	3	4	3	3	3	3	1	4	
Private industry .....	159	40.0	1,514	1,423	1,155 - 1,822	-	-	-	-	-	-	3	6	9	9	8	11	7	5	8	6	6	6	1	8		
Level 2 .....	56	38.5	970	974	863 - 1,015	-	-	-	-	-	2	25	41	23	-	9	-	-	-	-	-	-	-	-	-		
Level 3 .....	89	38.7	1,148	1,126	1,066 - 1,160	-	-	-	-	-	-	1	4	28	48	10	2	3	2	-	-	-	-	-	-		
Private industry .....	41	40.0	1,201	1,155	1,066 - 1,275	-	-	-	-	-	-	-	2	29	32	20	5	7	5	-	-	-	-	-	-		
Level 4 .....	78	39.1	1,440	1,356	1,295 - 1,618	-	-	-	-	-	-	-	-	-	12	18	24	10	8	14	8	5	1	-	-		
Level 5 .....	30	39.8	1,844	-	- - -	-	-	-	-	-	-	-	-	-	-	-	13	3	-	7	10	10	27	23	7		
<b>Scientists, Physical/Biological</b> .....	305	38.8	1,289	1,160	1,015 - 1,491	-	-	-	-	1	4	10	9	12	17	9	9	4	3	4	3	3	3	1	4		
Private industry .....	159	40.0	1,514	1,423	1,155 - 1,822	-	-	-	-	-	-	3	6	9	9	8	11	7	5	8	6	6	6	1	8		
Level 2 .....	56	38.5	970	974	863 - 1,015	-	-	-	-	-	2	25	41	23	-	9	-	-	-	-	-	-	-	-	-		
Level 3 .....	89	38.7	1,148	1,126	1,066 - 1,160	-	-	-	-	-	-	1	4	28	48	10	2	3	2	-	-	-	-	-	-		
Private industry .....	41	40.0	1,201	1,155	1,066 - 1,275	-	-	-	-	-	-	-	2	29	32	20	5	7	5	-	-	-	-	-	-		
Level 4 .....	78	39.1	1,440	1,356	1,295 - 1,618	-	-	-	-	-	-	-	-	-	12	18	24	10	8	14	8	5	1	-	-		
Level 5 .....	30	39.8	1,844	-	- - -	-	-	-	-	-	-	-	-	-	-	-	13	3	-	7	10	10	27	23	7		
<b>ADMINISTRATIVE OCCUPATIONS</b>																											
<b>Buyer/Contracting Specialists</b> .....	77	39.2	921	856	706 - 1,015	-	3	4	6	10	21	10	19	5	4	6	1	3	3	-	-	4	-	-	-		
Private industry .....	39	40.0	911	-	- - -	-	5	3	10	21	21	3	15	3	3	-	3	3	5	-	-	8	-	-	-		
Service-producing industries .....	27	40.0	738	-	- - -	-	7	4	15	30	30	4	-	4	4	-	-	4	-	-	-	-	-	-	-		
State and local government .....	38	38.4	932	919	799 - 1,024	-	-	5	3	-	21	18	24	8	5	13	-	3	-	-	-	-	-	-	-		
Level 2 .....	31	39.4	741	-	- - -	-	6	3	6	26	32	10	16	-	-	-	-	-	-	-	-	-	-	-	-		
Level 3 .....	25	39.4	1,087	-	- - -	-	-	-	-	-	4	4	40	16	8	12	4	4	8	-	-	-	-	-	-		
<b>Computer Programmers</b> .....	128	39.6	844	820	750 - 924	-	2	1	4	7	27	28	16	9	5	2	-	-	-	-	-	-	-	-	-		
Private industry .....	94	40.0	838	819	760 - 904	-	2	1	3	6	29	31	15	4	6	2	-	-	-	-	-	-	-	-	-		
Service-producing industries .....	83	40.0	846	820	750 - 923	-	2	1	4	6	25	30	17	5	7	2	-	-	-	-	-	-	-	-	-		
State and local government .....	34	38.3	858	868	743 - 950	-	-	-	6	9	24	21	21	21	-	-	-	-	-	-	-	-	-	-	-		
Level 2 .....	29	39.2	739	-	- - -	-	3	3	7	21	38	28	-	-	-	-	-	-	-	-	-	-	-	-	-		
Level 3 .....	81	39.6	856	842	776 - 925	-	-	-	1	1	27	35	26	10	-	-	-	-	-	-	-	-	-	-	-		
Private industry .....	64	40.0	826	820	769 - 880	-	-	-	2	2	34	39	22	2	-	-	-	-	-	-	-	-	-	-	-		
Service-producing industries .....	61	40.0	829	820	769 - 885	-	-	-	2	2	31	41	23	2	-	-	-	-	-	-	-	-	-	-	-		
State and local government .....	17	38.1	971	950	919 - 1,019	-	-	-	-	-	-	18	41	41	-	-	-	-	-	-	-	-	-	-	-		

See footnotes at end of table.

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Anchorage, AK, July 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	450 and under 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 and over
<b>Computer Systems Analysts</b> .....	172	39.5	\$1,143	\$1,126	\$1,005 - \$1,250	-	-	-	-	-	3	8	13	24	21	13	8	6	2	-	1	1	1	1	-	-
Private industry .....	95	40.0	1,158	1,141	991 - 1,302	-	-	-	-	-	5	7	17	16	22	7	8	9	2	-	1	1	2	1	-	-
Service-producing industries .....	62	40.0	1,087	1,058	953 - 1,154	-	-	-	-	-	6	6	21	21	24	5	3	13	-	-	-	-	-	-	-	-
Transportation and utilities .....	26	40.0	1,036	-	- - -	-	-	-	-	-	-	12	23	23	42	-	-	-	-	-	-	-	-	-	-	-
State and local government .....	77	38.8	1,124	1,096	1,042 - 1,203	-	-	-	-	-	-	9	8	34	19	19	8	1	1	-	-	-	-	-	-	-
Level 1 .....	32	40.0	978	-	- - -	-	-	-	-	-	9	25	9	44	13	-	-	-	-	-	-	-	-	-	-	-
Level 2 .....	84	39.1	1,101	1,086	992 - 1,189	-	-	-	-	-	2	5	21	25	23	15	4	5	-	-	-	-	-	-	-	-
Private industry .....	41	40.0	1,090	1,058	972 - 1,180	-	-	-	-	-	5	5	29	20	20	7	5	10	-	-	-	-	-	-	-	-
Service-producing industries .....	34	40.0	1,097	-	- - -	-	-	-	-	-	6	3	26	21	21	6	6	12	-	-	-	-	-	-	-	-
State and local government .....	43	38.3	1,112	1,126	1,019 - 1,203	-	-	-	-	-	-	5	14	30	26	23	2	-	-	-	-	-	-	-	-	-
Level 3 .....	48	39.6	1,260	1,230	1,141 - 1,385	-	-	-	-	-	-	-	2	13	27	19	21	10	6	-	2	-	-	-	-	-
Private industry .....	36	40.0	1,234	-	- - -	-	-	-	-	-	-	-	3	17	36	11	14	11	6	-	3	-	-	-	-	-
State and local government .....	12	38.3	1,337	-	- - -	-	-	-	-	-	-	-	-	-	-	42	42	8	8	-	-	-	-	-	-	-
<b>Personnel Specialists</b> .....	117	39.7	1,058	1,009	808 - 1,241	3	3	2	8	3	6	7	18	10	14	6	9	1	3	3	2	2	1	2	1	-
Private industry .....	87	40.0	1,079	1,035	788 - 1,346	3	3	1	8	5	8	5	13	9	13	7	8	1	3	3	2	2	1	2	1	-
Service-producing industries .....	76	40.0	1,057	991	769 - 1,322	4	4	1	9	5	9	3	14	5	12	8	9	1	3	4	1	3	1	1	1	-
Transportation and utilities .....	33	40.0	1,162	-	- - -	-	-	-	6	3	12	-	21	6	3	9	-	-	3	9	3	6	3	3	3	-
State and local government .....	30	38.8	998	991	934 - 1,144	-	-	3	7	-	-	13	33	13	17	3	10	-	-	-	-	-	-	-	-	-
Level 2: State and local government .....	7	38.9	837	-	- - -	-	-	14	14	-	-	14	57	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3 .....	48	39.5	946	946	801 - 1,027	-	-	-	2	8	15	10	35	8	10	8	-	-	2	-	-	-	-	-	-	-
Private industry .....	33	39.9	926	-	- - -	-	-	-	3	12	21	6	33	3	9	9	-	-	3	-	-	-	-	-	-	-
Service-producing industries .....	32	39.9	908	-	- - -	-	-	-	3	13	22	6	34	3	9	9	-	-	-	-	-	-	-	-	-	-
Level 4 .....	36	39.8	1,295	-	- - -	-	-	-	-	-	-	-	-	19	28	6	28	3	6	-	6	3	-	3	-	-
Private industry .....	29	40.0	1,310	-	- - -	-	-	-	-	-	-	-	-	21	24	7	24	3	7	-	7	3	-	3	-	-

<sup>1</sup> 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.

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

<sup>3</sup> Less than 0.5 percent.

<sup>4</sup> Workers were distributed as follows: 16 percent at \$2,200 and under \$2,300; 10 percent at \$2,300 and under \$2,400; 5 percent at \$2,400 and under \$2,500; and 1 percent at \$2,500 and under \$2,600.

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

**Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	400 and under 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300	1300 - 1350	1350 - 1400		
<b>TECHNICAL OCCUPATIONS</b>																												
<b>Computer Operators</b> .....	89	40.0	\$626	\$587	\$497 - \$739	1	6	22	18	6	8	4	12	7	6	3	1	6	-	-	-	-	-	-	-	-	-	-
Private industry .....	65	40.0	569	538	491 - 618	2	8	29	22	8	9	3	12	2	5	2	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	63	40.0	570	538	491 - 649	2	6	30	22	8	8	3	13	2	5	2	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	24	40.0	782	775	688 - 907	-	-	4	8	-	4	8	13	21	8	8	4	21	-	-	-	-	-	-	-	-	-	
Level 2 .....	49	40.0	544	498	471 - 541	2	10	41	24	4	4	2	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	45	40.0	535	498	464 - 538	2	11	42	24	4	4	2	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	44	40.0	537	498	465 - 538	2	9	43	25	5	5	2	-	2	7	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	29	40.0	681	-	- - -	-	-	-	10	10	17	10	31	10	3	3	3	-	-	-	-	-	-	-	-	-	-	
<b>Drafters</b> .....	110	39.6	840	846	754 - 919	-	-	1	1	5	2	9	2	26	7	10	14	7	11	-	3	3	-	-	-	-	-	
Private industry .....	82	40.0	810	760	750 - 905	-	-	1	1	6	2	10	1	35	9	9	9	4	10	-	-	4	-	-	-	-	-	
Level 3 .....	34	38.5	859	-	- - -	-	-	-	-	-	3	26	6	-	3	15	24	15	-	-	-	9	-	-	-	-	-	
<b>Engineering Technicians, Civil</b> .....	167	40.0	882	856	775 - 993	-	-	1	2	-	9	2	10	4	17	17	9	7	1	11	2	4	1	2	1	1	1	
Level 2 .....	6	40.0	556	-	- - -	-	-	17	50	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	6	40.0	556	-	- - -	-	-	17	50	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3:																												
State and local government .....	30	40.0	791	812	739 - 815	-	-	-	-	-	7	7	13	20	30	23	-	-	-	-	-	-	-	-	-	-	-	
Level 4 .....	102	40.0	914	880	849 - 993	-	-	-	-	-	-	-	12	-	20	22	15	12	-	16	3	-	-	2	-	-	-	
State and local government .....	45	40.0	1,008	993	945 - 1,086	-	-	-	-	-	-	-	-	-	11	2	29	11	-	36	7	-	-	4	-	-	-	
<b>PROTECTIVE SERVICE OCCUPATIONS</b>																												
<b>Corrections Officers</b> .....	153	37.5	914	931	887 - 961	-	-	-	-	-	-	-	1	8	10	18	22	39	3	-	-	-	-	-	-	-	-	-
State and local government .....	153	37.5	914	931	887 - 961	-	-	-	-	-	-	-	1	8	10	18	22	39	3	-	-	-	-	-	-	-	-	-
<b>Firefighters</b> .....	60	53.0	1,114	1,116	1,061 - 1,141	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23	42	17	3	-	2	-	-	
State and local government .....	60	53.0	1,114	1,116	1,061 - 1,141	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23	42	17	3	-	2	-	-	
<b>Police Officers:</b>																												
Level 1 .....	276	39.7	1,131	1,105	1,049 - 1,241	-	-	-	-	-	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-	9	12	7	12	16	12	7	13	7	4	4	
State and local government .....	276	39.7	1,131	1,105	1,049 - 1,241	-	-	-	-	-	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-	9	12	7	12	16	12	7	13	7	4	4	

<sup>1</sup> 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.

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

compute means, medians, and middle ranges.

<sup>3</sup> Less than 0.5 percent.

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



**Table A-3. All establishments: Weekly hours and pay of clerical occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	250 and under 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 625	625 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 and over
<b>Clerks, Accounting</b> .....	505	39.8	\$512	\$506	\$432 - \$580	-	-	( <sup>3</sup> )	1	4	4	13	8	5	11	10	10	6	6	7	8	5	( <sup>3</sup> )	1	( <sup>3</sup> )	( <sup>3</sup> )
Private industry .....	393	40.0	502	488	420 - 556	-	-	( <sup>3</sup> )	1	5	5	16	9	4	12	11	8	5	3	4	7	6	1	1	( <sup>3</sup> )	1
Service-producing industries .....	371	40.0	500	485	416 - 556	-	-	( <sup>3</sup> )	1	5	6	17	7	4	13	11	9	3	2	4	8	6	-	1	( <sup>3</sup> )	1
Transportation and utilities .....	83	40.0	483	430	400 - 536	-	-	-	7	11	31	11	2	8	4	7	1	1	-	1	6	-	5	1	2	
State and local government .....	112	39.2	549	553	502 - 607	-	-	-	-	1	4	3	8	7	7	18	9	18	15	8	3	-	-	-	-	-
Level 2 .....	94	40.0	450	425	400 - 482	-	-	1	5	9	10	26	6	6	20	4	5	1	2	-	1	-	-	3	-	-
Private industry .....	75	40.0	444	416	380 - 482	-	-	1	7	11	12	27	4	5	20	1	4	1	3	-	-	-	-	4	-	-
Service-producing industries .....	74	40.0	443	416	380 - 482	-	-	1	7	11	12	27	4	4	20	1	4	1	3	-	-	-	-	4	-	-
Level 3 .....	336	40.0	510	506	440 - 580	-	-	-	-	4	4	13	10	5	11	13	10	4	6	6	9	6	-	( <sup>3</sup> )	-	-
Private industry .....	292	40.0	505	495	431 - 556	-	-	-	4	4	15	11	4	12	14	10	3	2	5	10	7	-	( <sup>3</sup> )	-	-	-
Service-producing industries .....	280	40.0	505	500	430 - 556	-	-	-	4	4	16	9	4	12	14	11	3	1	5	10	7	-	( <sup>3</sup> )	-	-	-
Transportation and utilities .....	55	40.0	456	420	400 - 480	-	-	-	7	5	44	15	-	7	5	5	-	-	-	2	7	-	2	-	-	-
State and local government .....	44	39.7	549	565	507 - 580	-	-	-	-	2	-	-	-	9	9	7	9	14	34	14	2	-	-	-	-	-
Level 4 .....	64	38.8	607	592	557 - 638	-	-	-	-	-	-	-	-	2	-	-	20	19	11	19	9	13	3	-	2	3
Private industry .....	26	40.0	635	-	-	-	-	-	-	-	-	-	-	4	-	-	-	35	12	8	4	19	8	-	4	8
<b>Clerks, General</b> .....	386	39.0	492	478	442 - 528	1	1	1	3	3	4	10	7	9	34	3	3	2	9	4	4	( <sup>3</sup> )	1	1	1	-
Private industry .....	204	40.0	511	499	418 - 604	1	1	1	5	4	7	5	8	8	8	4	5	3	17	5	7	( <sup>3</sup> )	1	1	2	-
Service-producing industries .....	180	40.0	512	500	418 - 606	2	2	1	6	5	8	2	9	6	9	4	6	6	2	15	6	8	1	2	2	-
Transportation and utilities .....	79	40.0	561	600	443 - 635	-	-	-	6	4	-	18	3	10	4	1	3	1	20	8	13	1	4	5	-	-
State and local government .....	182	37.9	470	478	452 - 493	-	-	-	2	1	15	7	9	62	1	1	-	-	-	3	-	-	-	-	-	-
Level 2 .....	160	38.1	456	478	452 - 490	2	2	1	3	4	-	4	6	7	69	2	-	-	-	-	-	-	-	-	-	-
Private industry .....	34	40.0	379	-	-	9	9	6	15	21	-	6	-	24	3	9	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	34	40.0	379	-	-	9	9	6	15	21	-	6	-	24	3	9	-	-	-	-	-	-	-	-	-	-
State and local government .....	126	37.6	477	478	478 - 493	-	-	-	-	-	-	4	7	2	87	-	-	-	-	-	-	-	-	-	-	-
Level 3 .....	88	40.0	494	480	400 - 542	-	-	-	2	2	16	9	16	3	18	6	3	3	1	11	1	-	-	3	3	-
Private industry .....	87	40.0	494	480	400 - 542	-	-	-	2	2	16	9	16	2	18	6	3	3	1	11	1	-	-	3	3	-
Service-producing industries .....	81	40.0	501	484	430 - 560	-	-	-	2	2	17	2	17	2	20	6	4	4	1	12	1	-	-	4	4	-
Level 4 .....	83	40.0	583	600	573 - 631	-	-	-	5	-	-	-	2	8	-	-	8	8	7	30	11	17	1	-	1	-
Private industry .....	83	40.0	583	600	573 - 631	-	-	-	5	-	-	-	2	8	-	-	8	8	7	30	11	17	1	-	1	-
Service-producing industries .....	65	40.0	594	606	573 - 640	-	-	-	6	-	-	-	3	-	-	-	11	11	5	26	14	22	2	-	2	-
<b>Key Entry Operators</b> .....	35	40.0	372	-	-	-	14	26	3	11	14	-	11	14	-	6	-	-	-	-	-	-	-	-	-	-
Private industry .....	35	40.0	372	-	-	-	14	26	3	11	14	-	11	14	-	6	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	35	40.0	372	-	-	-	14	26	3	11	14	-	11	14	-	6	-	-	-	-	-	-	-	-	-	-
<b>Personnel Assistants</b> .....	60	39.5	592	588	504 - 678	-	-	-	-	2	3	3	2	-	8	17	8	5	7	3	12	8	7	12	-	3
Private industry .....	34	40.0	526	-	-	-	-	-	-	3	6	6	3	-	12	29	12	-	9	3	3	12	3	-	-	-
Service-producing industries .....	25	40.0	534	-	-	-	-	-	-	4	8	8	4	-	-	32	4	-	12	4	4	16	4	-	-	-
State and local government .....	26	38.8	678	664	618 - 756	-	-	-	-	-	-	-	-	-	4	-	4	12	4	4	23	4	12	27	-	8
Level 3 .....	32	39.2	608	-	-	-	-	-	-	-	-	-	3	-	13	3	16	6	13	3	16	3	6	19	-	-
State and local government .....	18	38.6	670	644	618 - 756	-	-	-	-	-	-	-	-	-	-	-	6	11	6	6	28	-	11	33	-	-

See footnotes at end of table.

**Table A-3. All establishments: Weekly hours and pay of clerical occupations, Anchorage, AK, July 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	250 and under 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 625	625 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 and over
<b>Secretaries</b> .....	289	39.7	\$563	\$546	\$476 - \$625	-	-	-	-	1	1	6	4	11	10	10	10	6	7	10	8	9	3	2	2	2
Private industry .....	114	39.9	600	585	500 - 651	-	-	-	-	1	2	3	4	5	9	9	10	5	6	6	11	11	4	3	4	6
Service-producing industries .....	101	39.9	586	557	490 - 651	-	-	-	-	1	2	3	5	6	10	10	11	6	-	6	13	13	5	3	4	3
Transportation and utilities .....	39	40.0	605	-	- - -	-	-	-	-	-	-	5	10	10	13	8	8	3	-	5	-	5	13	5	8	8
<b>Level 2:</b>																										
Private industry .....	30	40.0	491	-	- - -	-	-	-	-	3	10	13	17	17	23	-	-	-	-	13	-	3	-	-	-	-
Service-producing industries .....	30	40.0	491	-	- - -	-	-	-	-	3	10	13	17	17	23	-	-	-	-	13	-	3	-	-	-	-
<b>Level 3:</b>																										
Private industry .....	56	40.0	606	594	546 - 651	-	-	-	-	-	-	-	-	2	9	5	14	9	13	2	21	14	5	2	2	2
Service-producing industries .....	47	40.0	598	625	546 - 651	-	-	-	-	-	-	-	-	2	11	6	17	11	-	2	26	17	6	2	-	-
<b>Switchboard-Operator-Receptionists</b> .....	94	40.0	424	400	340 - 477	-	-	12	16	12	10	11	4	10	10	-	11	-	2	-	-	-	-	4	-	-
Private industry .....	91	40.0	425	400	340 - 480	-	-	12	16	11	9	10	4	10	10	-	11	-	2	-	-	-	-	4	-	-
Service-producing industries .....	86	40.0	425	400	340 - 477	-	-	13	16	10	9	10	5	10	7	-	12	-	2	-	-	-	-	5	-	-
Transportation and utilities .....	26	40.0	452	-	- - -	-	-	-	12	23	19	15	4	-	-	-	12	-	-	-	-	-	-	15	-	-

<sup>1</sup> 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.

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

compute means, medians, and middle ranges.

<sup>3</sup> Less than 0.5 percent.

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



**Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																								
		Mean	Median	Middle range	6.00 and under 7.00	7.00 - 8.00	8.00 - 9.00	9.00 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 - 26.00	26.00 - 28.00	28.00 - 30.00	30.00 and over		
<b>Janitors</b> .....	735	\$8.68	\$8.00	\$7.00 - \$9.33	17	28	24	12	4	3	2	2	1	4	( <sup>2</sup> )	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry .....	702	8.49	8.00	7.00 - 9.05	18	30	25	12	4	3	2	1	( <sup>2</sup> )	4	( <sup>2</sup> )	-	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	702	8.49	8.00	7.00 - 9.05	18	30	25	12	4	3	2	1	( <sup>2</sup> )	4	( <sup>2</sup> )	-	1	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	33	12.83	13.84	11.17 - 14.26	-	3	-	21	-	6	3	33	30	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Material Movement and Storage Workers</b> .....	388	16.08	13.45	10.01 - 22.25	-	1	7	14	12	6	6	7	4	2	2	-	-	-	1	( <sup>2</sup> )	24	5	1	2	-	5	2		
Private industry .....	387	16.07	13.45	10.00 - 22.25	-	1	7	14	12	6	6	7	4	2	2	-	-	-	1	-	24	5	1	2	-	5	2		
Service-producing industries .....	385	16.03	13.30	10.00 - 22.25	-	1	7	14	12	6	6	8	4	2	2	-	-	-	1	-	24	5	1	2	-	5	2		
Transportation and utilities .....	139	15.50	12.00	9.91 - 20.62	-	-	6	19	16	6	7	8	7	4	-	-	-	-	2	-	-	-	2	4	-	13	4		
Level 2 .....	362	16.18	13.45	10.25 - 22.25	-	( <sup>2</sup> )	7	13	13	6	7	7	4	-	2	-	-	-	1	( <sup>2</sup> )	26	6	1	2	-	5	1		
Private industry .....	361	16.16	13.45	10.25 - 22.25	-	( <sup>2</sup> )	7	13	13	6	7	7	4	-	2	-	-	-	1	-	26	6	1	2	-	5	1		
Service-producing industries .....	359	16.13	13.30	10.05 - 22.25	-	( <sup>2</sup> )	7	13	13	6	7	7	4	-	2	-	-	-	1	-	26	6	1	2	-	5	1		
Transportation and utilities .....	123	15.18	11.23	9.75 - 20.62	-	-	7	21	18	7	8	6	6	-	-	-	-	-	2	-	-	-	2	5	-	15	2		
<b>Truckdrivers</b> .....	287	16.69	15.50	12.75 - 21.76	-	2	-	2	1	4	20	6	9	11	10	1	3	1	-	17	4	-	-	4	5	-	-		
Private industry .....	287	16.69	15.50	12.75 - 21.76	-	2	-	2	1	4	20	6	9	11	10	1	3	1	-	17	4	-	-	4	5	-	-		
Service-producing industries .....	265	16.22	15.00	12.40 - 21.76	-	2	-	2	1	5	21	6	9	12	11	1	1	1	-	17	5	-	-	-	6	-	-		
Transportation and utilities .....	192	16.82	15.50	13.02 - 21.76	-	2	-	-	2	6	14	8	8	12	13	1	2	2	-	23	-	-	-	-	8	-	-		
Tractor Trailer .....	156	17.11	15.25	12.83 - 22.28	-	-	-	-	-	2	25	4	12	17	4	1	6	2	-	3	8	-	-	8	10	-	-		
Private industry .....	156	17.11	15.25	12.83 - 22.28	-	-	-	-	-	2	25	4	12	17	4	1	6	2	-	3	8	-	-	8	10	-	-		
Service-producing industries .....	134	16.25	15.00	12.40 - 17.29	-	-	-	-	-	2	29	4	13	20	4	1	2	2	-	-	9	-	-	-	11	-	-		

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

<sup>2</sup> Less than 0.5 percent.

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

**Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	Under 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 - 2200	2200 and over	
<b>PROFESSIONAL OCCUPATIONS</b>																											
<b>Accountants</b> .....	88	39.5	\$906	\$909	\$740 - \$1,019	2	6	9	9	9	3	11	20	13	11	3	-	1	1	-	-	-	-	-	-	-	-
State and local government .....	71	39.3	920	920	775 - 1,015	3	4	6	7	10	4	14	23	11	13	3	-	1	1	-	-	-	-	-	-	-	
Level 2 .....	25	39.5	822	-	- - -	-	8	12	12	8	12	24	16	8	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	20	39.4	860	856	775 - 942	-	-	5	10	10	15	30	20	10	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	32	39.3	939	-	- - -	-	-	6	13	6	-	13	34	16	9	-	-	3	-	-	-	-	-	-	-	-	
State and local government .....	25	39.1	963	963	899 - 1,015	-	-	4	8	4	-	16	40	12	12	-	-	4	-	-	-	-	-	-	-	-	
<b>Engineers</b> .....	608	39.4	1,475	1,415	1,129 - 1,737	-	-	-	-	2	1	3	5	11	10	9	10	10	6	6	6	4	4	4	3	7	
Level 3 .....	124	39.1	1,123	1,126	1,053 - 1,183	-	-	-	-	-	2	7	11	17	40	14	3	6	-	-	-	-	-	-	-	-	
<b>ADMINISTRATIVE OCCUPATIONS</b>																											
<b>Buyer/Contracting Specialists</b> .....	49	38.8	997	945	769 - 1,169	6	6	-	10	8	8	6	18	6	6	10	2	4	2	-	-	6	-	-	-	-	
State and local government .....	38	38.4	932	919	799 - 1,024	5	3	-	11	11	11	8	24	8	5	13	-	3	-	-	-	-	-	-	-	-	
<b>Computer Programmers</b> .....	66	39.1	812	794	734 - 904	3	6	9	15	18	12	11	15	11	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	32	40.0	763	-	- - -	6	6	9	19	25	22	3	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	34	38.3	858	868	743 - 950	-	6	9	12	12	3	18	21	21	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	36	39.1	875	-	- - -	-	3	3	14	14	8	11	28	19	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	17	38.1	971	950	919 - 1,019	-	-	-	-	-	-	18	41	41	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Computer Systems Analysts</b> .....	126	39.3	1,149	1,126	1,015 - 1,250	-	-	-	1	2	2	6	13	25	18	16	10	2	2	-	1	1	2	1	-	-	
State and local government .....	77	38.8	1,124	1,096	1,042 - 1,203	-	-	-	-	-	1	8	8	34	19	19	8	1	1	-	-	-	-	-	-	-	
Level 2 .....	60	38.8	1,084	1,086	992 - 1,175	-	-	-	3	2	5	20	25	23	20	2	-	-	-	-	-	-	-	-	-	-	
State and local government .....	43	38.3	1,112	1,126	1,019 - 1,203	-	-	-	-	-	-	5	14	30	26	23	2	-	-	-	-	-	-	-	-	-	
Level 3 .....	32	39.4	1,287	-	- - -	-	-	-	-	-	-	-	3	9	16	25	31	3	9	-	3	-	-	-	-	-	
State and local government .....	12	38.3	1,337	-	- - -	-	-	-	-	-	-	-	-	-	42	42	8	8	-	-	-	-	-	-	-	-	
<b>Personnel Specialists</b> .....	53	39.3	1,035	1,009	904 - 1,154	4	9	2	-	-	6	4	23	17	17	4	6	2	4	-	2	-	-	2	-	-	
State and local government .....	29	38.8	1,013	998	934 - 1,144	-	7	-	-	-	7	7	34	14	17	3	10	-	-	-	-	-	-	-	-	-	
Level 2:																											
State and local government .....	6	38.8	883	-	- - -	-	17	-	-	-	-	17	67	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> 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.

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

compute means, medians, and middle ranges.

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

**Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	400 and under 425	425 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150	1150 - 1200	1200 - 1250	1250 - 1300	1300 - 1350	1350 - 1400		
<b>TECHNICAL OCCUPATIONS</b>																												
<b>Computer Operators</b> .....	46	40.0	\$668	\$644	\$514 - \$799	2	4	17	13	7	9	7	7	11	4	7	2	11	-	-	-	-	-	-	-	-	-	-
State and local government .....	24	40.0	782	775	688 - 907	-	-	4	8	-	4	8	13	21	8	8	4	21	-	-	-	-	-	-	-	-	-	
<b>Engineering Technicians, Civil:</b>																												
Level 2 .....	6	40.0	556	-	- - -	-	-	17	50	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	6	40.0	556	-	- - -	-	-	17	50	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level 3 .....	30	40.0	791	812	739 - 815	-	-	-	-	-	7	7	13	20	30	23	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	30	40.0	791	812	739 - 815	-	-	-	-	-	7	7	13	20	30	23	-	-	-	-	-	-	-	-	-	-	-	
Level 4:																												
State and local government .....	45	40.0	1,008	993	945 - 1,086	-	-	-	-	-	-	-	-	-	11	2	29	11	-	36	7	-	-	4	-	-		
<b>PROTECTIVE SERVICE OCCUPATIONS</b>																												
<b>Corrections Officers</b> .....	153	37.5	914	931	887 - 961	-	-	-	-	-	-	-	1	8	10	18	22	39	3	-	-	-	-	-	-	-	-	
State and local government .....	153	37.5	914	931	887 - 961	-	-	-	-	-	-	-	1	8	10	18	22	39	3	-	-	-	-	-	-	-	-	
<b>Firefighters</b> .....	60	53.0	1,114	1,116	1,061 - 1,141	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23	42	17	3	-	2	-		
State and local government .....	60	53.0	1,114	1,116	1,061 - 1,141	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23	42	17	3	-	2	-		
<b>Police Officers:</b>																												
Level 1 .....	276	39.7	1,131	1,105	1,049 - 1,241	-	-	-	-	-	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-	9	12	7	12	16	12	7	13	7	4		
State and local government .....	276	39.7	1,131	1,105	1,049 - 1,241	-	-	-	-	-	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-	9	12	7	12	16	12	7	13	7	4		

<sup>1</sup> 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.

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

compute means, medians, and middle ranges.

<sup>3</sup> Less than 0.5 percent.

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

**Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	Under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 625	625 - 650	650 - 675	675 - 700	700 - 725	725 - 750	750 - 775	775 - 800	800 - 850	850 and over
<b>Clerks, Accounting</b> .....	161	39.5	\$529	\$539	\$476 - \$590	1	1	4	6	4	9	14	5	13	7	13	14	6	2	1	-	-	-	-	-	-
Private industry .....	50	40.0	481	482	416 - 496	2	4	10	12	6	12	30	-	2	4	2	12	-	2	2	-	-	-	-	-	-
Service-producing industries .....	50	40.0	481	482	416 - 496	2	4	10	12	6	12	30	-	2	4	2	12	-	2	2	-	-	-	-	-	-
State and local government .....	111	39.2	550	553	502 - 607	-	-	1	3	3	8	7	7	18	9	18	15	8	2	1	-	-	-	-	-	-
Level 2 .....	46	40.0	458	476	412 - 482	2	2	9	13	13	9	39	7	4	-	-	-	2	-	-	-	-	-	-	-	-
Private industry .....	28	40.0	446	-	- - -	4	4	14	11	11	7	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	28	40.0	446	-	- - -	4	4	14	11	11	7	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 3 .....	59	39.8	535	553	476 - 580	-	2	3	5	-	12	8	5	8	10	25	19	2	-	-	-	-	-	-	-	-
State and local government .....	44	39.7	549	565	507 - 580	-	-	2	-	-	9	9	7	9	14	34	14	2	-	-	-	-	-	-	-	-
Level 4 .....	45	38.3	588	590	539 - 608	-	-	-	-	-	2	-	-	-	29	11	11	24	11	7	4	-	-	-	-	-
<b>Clerks, General</b> .....	215	38.2	471	478	442 - 493	-	2	( <sup>3</sup> )	13	12	8	56	2	1	( <sup>3</sup> )	( <sup>3</sup> )	1	3	-	-	-	-	-	-	-	-
State and local government .....	182	37.9	470	478	452 - 493	-	2	1	15	7	9	62	1	1	-	-	-	3	-	-	-	-	-	-	-	-
Level 2:																										
State and local government .....	126	37.6	477	478	478 - 493	-	-	-	4	7	2	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Personnel Assistants</b> .....	39	39.2	639	-	- - -	-	3	5	3	-	-	3	-	5	8	5	5	18	8	5	5	5	15	3	-	5
State and local government .....	26	38.8	678	664	618 - 756	-	-	-	-	-	-	4	-	4	12	4	4	23	-	4	4	8	23	4	-	8
Level 3:																										
State and local government .....	18	38.6	670	644	618 - 756	-	-	-	-	-	-	-	-	6	11	6	6	28	-	-	-	11	28	6	-	-
<b>Secretaries</b> .....	194	39.6	553	535	476 - 614	-	1	-	7	4	13	10	10	9	8	7	11	6	5	3	1	1	2	-	1	2

<sup>1</sup> 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.

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

compute means, medians, and middle ranges.

<sup>3</sup> Less than 0.5 percent.

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

**Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	8.50 and under 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 12.50	12.50 - 13.00	13.00 - 13.50	13.50 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 and over	
<b>General Maintenance Workers</b> .....	93	\$17.61	\$20.23	\$14.13 - \$21.09	2	-	2	5	4	2	3	-	3	1	1	4	4	3	3	-	3	31	26	-	-	-	-	-
Private industry .....	28	14.45	-	- - -	7	-	7	7	14	4	-	-	-	-	4	7	11	11	11	-	4	4	11	-	-	-	-	
Service-producing industries .....	28	14.45	-	- - -	7	-	7	7	14	4	-	-	-	-	4	7	11	11	11	-	4	4	11	-	-	-	-	
Level 2 .....	64	19.93	20.23	20.23 - 21.47	-	-	-	-	2	-	-	-	-	-	2	2	5	3	5	-	2	44	38	-	-	-	-	
<b>Maintenance Mechanics, Motor Vehicle</b> ...	59	21.41	21.43	20.23 - 23.25	-	-	-	-	-	-	-	-	-	-	-	2	3	2	2	-	15	5	42	3	10	12	3	
State and local government .....	40	21.93	21.43	21.43 - 22.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	7	52	5	-	15	5	

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

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



**Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Anchorage, AK, July 1996**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																						
		Mean	Median	Middle range	6.50 and under 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 12.50	12.50 - 13.00	13.00 - 13.50	13.50 - 14.00	14.00 - 14.50	14.50 - 15.00	15.00 - 15.50	15.50 - 16.00	16.00 - 16.50	16.50 - 17.00	17.00 - 18.00	18.00 - 19.00
<b>Janitors .....</b>	122	\$12.45	\$12.53	\$10.50 - \$14.69	1	5	1	2	2	3	6	6	15	4	2	1	13	2	9	3	6	10	2	2	-	-	7

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

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

# Appendix A.

## Scope and Method of Survey

### Scope

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

### Sampling frame

The list of establishments from which the survey sample was selected (the sampling frame) was developed from the State unemployment insurance reports for the Anchorage, AK Metropolitan Statistical Area (June 1994). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

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

### Survey design

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

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

### Data collection and payroll reference

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

### Occupational pay

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

Unless otherwise indicated, the pay data following the job titles are for all industries combined. Pay data for some of the occupations for all industries combined (or for some industry divisions within the scope of the survey) are not presented in the A-series tables because either (1) data did not provide statistically

reliable results, or (2) there was the possibility of disclosure of individual establishment data. Pay data not shown separately for industry divisions are included in data for all industries combined.

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

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

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

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

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

### Survey nonresponse

Data were not available from 10.8 percent of the sample establishments (representing 5,988 employees covered by the survey). An additional 4.2 percent of the sample establishments (representing 2,850 employees) were either out of business or outside the scope of the survey.

If data were not provided by a sample member, the weights (based on the probability of selection in the sample) of responding sample establishments were

adjusted to account for the missing data. The weights for establishments which were out of business or outside the scope of the survey were changed to zero.

Some sampled establishments had a policy of not disclosing salary data for certain employees. No adjustments were made to pay estimates for the survey as a result of these missing data. The proportion of employees for whom pay data were not available was less than 5 percent.

### Reliability of estimates

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

*Sampling errors* occur because observations come only from a sample, not the entire population. The particular sample used in this survey is one of a number of all possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. For example, if the estimated average weekly salary of Secretaries Level IV is \$500 and the standard error is \$8, the RSE is 1.6 percent, or  $\$8/\$500 \times 100 = 1.6\%$ .

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	2.4
1 and under 3 percent	42.9
3 and under 5 percent	42.9
5 percent and over	11.9

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

from each sample would include the true population value approximately 95 percent of the time.

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

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

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

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

**Appendix table 1. Establishments and workers within scope of survey and number studied, Anchorage, AK<sup>1</sup>, July 1996**

Industry division <sup>2</sup>	Number of establishments		Workers in establishments		
	Within scope of survey <sup>3</sup>	Studied	Within scope of survey <sup>4</sup>		Studied
			Number	Percent	
<b>ALL ESTABLISHMENTS</b>					
All divisions .....	288	102	65,308	100	44,699
Private industry .....	284	98	49,490	76	28,881
Goods producing .....	43	15	5,631	9	4,158
Manufacturing .....	5	5	773	1	773
Mining <sup>5</sup> .....	11	6	3,397	5	3,151
Construction <sup>5</sup> .....	27	4	1,461	2	234
Service producing .....	241	83	43,859	67	24,723
Transportation, communication, electric, gas, and sanitary services <sup>6</sup> .....	41	18	9,517	15	5,980
Wholesale trade <sup>7</sup> .....	33	3	1,700	3	187
Retail trade <sup>7</sup> .....	53	13	12,297	19	5,389
Finance, insurance, and real estate <sup>7</sup> .....	19	7	3,658	6	2,775
Services <sup>7</sup> .....	95	42	16,687	26	10,392
State and local government .....	4	4	15,818	24	15,818
<b>ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE</b>					
All divisions .....	19	17	30,717	100	29,364
Private industry .....	16	14	14,949	49	13,596
Service producing .....	14	12	12,102	39	10,749
Transportation, communication, electric, gas, and sanitary services <sup>6</sup> .....	4	4	2,489	8	2,489
Finance, insurance, and real estate <sup>7</sup> .....	3	3	2,172	7	2,172
Services <sup>7</sup> .....	4	3	4,126	13	3,373
State and local government .....	3	3	15,768	51	15,768

<sup>1</sup> The Anchorage Metropolitan Statistical Area, as defined by the Office of Management and Budget through June 1994, consists of Anchorage Borough. The "workers within scope of survey" estimates provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) establishments employing fewer than 50 workers are excluded from the scope of the survey.

<sup>2</sup> The *Standard Industrial Classification Manual* was used in classifying establishments by industry.

<sup>3</sup> Includes all establishments with at least 50 total employees. In goods producing, an establishment is defined as a single physical location where industrial operations are performed. In service producing industries, an establishment is defined as all locations of a company in the area within the same industry division. In government, an establishment is generally defined

as all locations of a government entity.

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

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

<sup>6</sup> Abbreviated to "Transportation and utilities" in the A-series tables. This division is represented in the "all industries" and "service producing" estimates.

<sup>7</sup> Separate data for this division are not shown in the A-series tables, but the division is represented in the "all industries" and "service producing" estimates.

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