# Occupational Compensation Survey: Pay Only

Atlanta, Georgia, Metropolitan Area, March 1996



U.S. Department of Labor Bureau of Labor Statistics

Bulletin 3085-25

**Preface** 

This bulletin provides results of a March 1996 survey of occupational pay in the Atlanta, GA 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 Atlanta, under the direction of Dianne R. Farrior, 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 Atlanta Regional Office at (404) 347-4416. 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

### Atlanta, Georgia, Metropolitan Area, March 1996



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

Bureau of Labor Statistics Katharine G. Abraham, Commissioner

October 1996

Bulletin 3085-25

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#### Introduction

This survey of occupational pay in the Atlanta, GA Metropolitan Statistical Area (Barrow, Butts, Cherokee, Clayton, Cobb, Coweta, Dekalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, Spalding, and Walton Counties) 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, Atlanta, GA, March 1996

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle	range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
PROFESSIONAL OCCUPATIONS																											
Accountants Level I Private industry Service-producing industries State and local government	759 715 709 44	39.9 40.0 39.9 39.9	\$499 499 499 506	\$496 494 494 511	\$450 - 450 - 450 - 484 -	537 537	(3) (3) (3) -	16 17 17 14	37 37 38 25	25 24 24 50	16 16 16 9	5 5 5 2	(3) (3) (3)	1 1 1 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -
Level II		39.8 39.8 38.5 38.5 39.9 39.8	609 610 673 675 605 607	596 596 673 - 592 606	538 - 538 - 625 -  538 - 545 -	654 749 - 646	- - - -	- - - - -	6 6 2 3 6 6	23 24 - - 26 20	24 25 14 13 25 21	32 30 51 51 29 42	11 11 30 32 10 12	4 4 2 3 4	(3) (3) - (3) -	(3) (3) - (3) -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - -	- - - - -	- - - -
Level III	1,121 955 159 154 796 166	39.8 39.8 39.3 39.3 39.9 39.6	789 798 862 864 786 738	772 777 865 865 769 728	704 - 712 - 790 - 790 - 708 - 664 -	865 946 946 846	- - - -	- - - -	- - - -	1 (3) - (3) 4	1 (3) (3) 5	21 19 14 14 20 33	39 40 19 19 44 31	25 26 30 31 25 20	9 9 28 29 6 7	3 4 8 8 3	1 2 - - 2 -	(3) (3) - - (3)	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - -	- - - - -	- - - -
Level IV	813 753 609 214 60	39.8 39.8 39.9 40.0 39.8	1,015 1,024 1,024 1,080 900	1,000 1,022 1,023 1,075 907	862 - 883 - 901 - 910 - 824 -	1,142 1,140 1,240	- - - -	- - - -	- - - -	(3) (3) (3) (3) (3)	( <sup>3</sup> ) - - - 3	1 ( <sup>3</sup> ) ( <sup>3</sup> ) 8	10 10 10 4 5	16 15 14 14 32	22 21 22 19 27	23 23 24 14 18	8 9 10 11 3	11 11 11 26 3	6 6 7 10 –	2 3 1 1	(3) (3) (3) -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level V	192 171 149 74	39.9 39.8 39.8 40.0	1,271 1,301 1,303 1,375	1,298 1,306 1,315 1,339	1,114 - 1,185 - 1,191 - 1,304 -	1,400 1,396	- - -	- - - -	- - -	- - - -	- - -	- - -	1 - - -	3 2 2 -	8 2 3 1	13 13 15 12	14 15 13 8	16 16 14 3	23 26 29 34	8 8 7 14	8 9 8 9	6 6 7 15	2 2 2 4	- - - -	- - -	- - -	- - -
Attorneys Level I: State and local government	22	40.0	735	731	718 -	750	_	_	_	_	_	18	82	_	_	_	_	_	_	_	_	_	_	_	_	_	-
Level II: State and local government	27	39.8	956	952	952 -	983	_	_	_	_	_	_	4	-	74	22	_	_	_	_	_	_	_	_	_	_	-
Level III	118 53 50 65	39.7 39.9 39.9 39.6	1,158 1,340 1,333 1,010	1,199 - - 929	925 -   874 -	- -	- - -	- - -	- - -	- - - -	- - -	- - -	3 - - 5	19 - - 35	11 - - 20	8 2 2 14	8 9 10 8	17 30 32 6	15 26 28 6	8 13 8 3	10 19 20 3	- - -	- - -	- - -	- - -	- - -	- - - -
Level IV	160 118 118 26 42	39.9 39.9 39.9 40.0 39.9	1,516 1,525 1,525 1,712 1,491	1,492 1,492 1,492 - 1,552	1,306 - 1,306 - 1,306 -  1,271 -	1,712 1,712 –	- - - -		- - - -			11111	11111	11111	11111	- - - -	13 12 12 - 17	11 10 10 - 14	9 12 12 - 2	17 22 22 22 4 5	13 7 7 12 29	11 12 12 31 10	11 9 9 31 17	10 11 11 23 7	1 2 2 -	1 2 2 - -	1 2 2 -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							-	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	ay (in d	dollars) of	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle	e range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	-	-	-	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
Engineers	004		0040	4007	<b>#</b> 500	4000								/3\													
Level I  Private industry  State and local government	331 296 35	39.9 39.9 40.0	\$613 617 583	\$607 635 586	588	- \$660 - 660 - 586	- - -	- - -	- - -	23 24 14	12 5 74	56 62 11	8 9 -	(3)	- - -	- - -	- - -	-   -	- - -	-		-	-   -	-   -   -	-   -   -	- - -	-
Level II  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  State and local government	961 755 323 321 432 206	40.0 40.0 39.9 39.9 40.0 39.9	772 788 731 730 831 714	740 740 721 721 760 722	600 600 740	- 820 - 885 - 750 - 738 - 964 - 788	- - - -	- - - -	- - - -	4 3 8 8 - 5	3 1 - - 3 10	22 20 34 34 10 31	43 45 40 40 49 38	9 6 4 3 9	7 8 6 6 10	7 9 5 5 12	5 6 3 3 8 -	(3) (3) - (3) - (3)	(3) (3) 1 1 -	- - -		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III Private industry Service-producing industries Transportation and utilities State and local government	2,258 2,035 1,039 503 223	39.9 39.9 40.0 40.0 39.8	942 958 927 968 798	928 934 937 970 792	836 860 891	- 1,013 - 1,034 - 985 - 1,025 - 875	- - - -	- - - -	- - - -	- - - -	(3) (3) 1 - 1	4 2 4 2 21	14 13 8 8 30	23 22 19 16 30	30 32 48 42 17	11 13 12 17 1	5 5 5 10	6 7 2 3 -	4 5 ( <sup>3</sup> ) 1		(3) (3) (3) (3)	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level IV	1,912 1,672 971 970 701 240	39.8 39.8 39.6 39.6 40.0 39.7	1,103 1,126 1,101 1,100 1,161 943	1,089 1,120 1,058 1,058 1,160 932	1,000 950 950 1,062	- 1,222 - 1,244 - 1,236 - 1,258 - 1,031	- - - -	- - - -	- - - -	- - - -	- - - -	1 - - - - 5	2 1 1 1 - 8	8 6 10 10 ( <sup>3</sup> )	19 18 24 24 9 30	22 21 19 19 25 25	19 20 15 15 27 13	15 18 14 14 23 -	10 12 11 11 13		1 1 1 5 1 1 5 1 1 3 1 ( <sup>3</sup> )	(3) (3) (3) (3) -	(3) (3) (3) (3) -	(3) (3) - - (3) -	- - - -	- - - -	- - - -
Level V Private industry	1,019 963	39.9 39.9	1,301 1,314	1,320 1,320		- 1,426 - 1,432	_ _	  -	_ _	- -	  -	_ _	  -  -	( <sup>3</sup> )	3 1	11 10	14 14	15 15	24 25			1 2	1 1	( <sup>3</sup> )	  -	_ _	( <sup>3</sup> )
Service-producing industries: Transportation and utilities State and local government	79 56	40.0 39.6	1,348 1,077	1,350 1,044		- 1,419 - 1,108	_ _	  -	_ _	- -	  -	_ _	  -  -	_ 2	_ 25	5 39	6 13	30 11	23 11			3 -	3 -	1 -	  - 	_ _	-
Level VI Private industry Service-producing industries	232 219 77	39.2 39.2 40.0	1,634 1,659 1,586	1,619 1,619 –	.,000	- 1,790 - 1,790 	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 - -	3 - -	1 ( <sup>3</sup> ) 1	4 4 3		3 24	24 24 38	9 10 1	8 9 -	2 2 1	8 9 3	2 2 1
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts Level I	28 28	40.0 40.0	530 530	553 553	460 460	- 585 - 585	_ _	18 18	11 11	21 21	32 32	18 18	  -  -	_ _	_ _	_ _	  -  -	  -  -	_ _	-		-	_ _	  -  -	  -  -	_ _	  -  -
Level IIState and local government	87 69	39.6 40.0	638 618	634 617	000	- 690 - 678	_ _	  -	8 10	15 19	13 10	46 49	11 9	2 -	2	- -	2 -	<u>-</u>	- -	-		-	-	  -  -	  -	_ _	-
Level III State and local government	94 35	38.8 40.0	832 748	834 754		- 903 - 820	_ _	_ _	_ _	1 3	1 3	10 26	24 43	37 23	20 3	5 -	1 -	_ _	_ _	-		-	-	  - 	  -  -	_ _	-
Level IV: State and local government	21	40.0	857	857	824	- 896	_	_	_	_	_	10	10	57	19	5	_	_	_	-	-   -	-	_	_	_	_	_

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving st	traight-ti	me wee	ekly pay	(in dolla	ars) of–	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle	e range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
Buyers/Contracting Specialists  Level II	89	39.7 39.5 38.6 38.6 40.0 40.0	\$654 673 759 759 631 596	\$647 675 752 752 612 567	587 700 700 583	- \$724 - 752 - 829 - 829 - 675 - 658	- - - -	- - - -	4 4 - - 6 2	13 8 4 4 9	21 15 2 2 2 21 37	34 37 11 11 49 25	16 21 47 47 8 -	11 13 28 28 28 5 7	2 3 7 7 1	- - - - -	- - - -	- - - -	- - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - -	- - - - -	- - - -	- - - -
Level III	369 321 187 112 48	39.7 39.9 40.0 40.0 38.4	855 870 874 940 754	840 867 870 954 736	779 767 853	- 951 - 960 - 987 - 1,025 - 786		- - - -	- - - -	- - - -	1 ( <sup>3</sup> ) 1 - 2	12 11 14 5 17	25 20 22 7 63	28 29 20 26 17	21 24 24 32 2	8 9 12 18 –	5 6 7 12 -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	-   -   -
Level IV Private industry Service-producing industries	124 122 62	39.8 39.8 40.0	1,040 1,041 1,047	1,052 1,057 –		- 1,118 - 1,119 	-   -   -	- - -	- - -	  -  -	- - -	- - -	3 3 6	12 12 10	20 19 3	31 32 44	27 27 35	3 3 2	2 2 -	2 2 -	_ _ _	- - -	- - -	- - -	- - -	- - -	-   -   -
Computer Programmers Level I	77 71	39.9 40.0	556 563	_ _	- -		  -  -	3 -	32 31	16 17	8 7	42 45	_ _	_ _	_ _	_ _	_ _	_ _ _	_ _	_ _	_ _	_ _	_ _	_ _	_ _	_ _	_ _
Level II	514 436 391 78	39.9 39.9 39.9 39.9	591 595 586 569	584 586 577 546	538 490	- 661 - 661 - 646 - 651	- - -	1 - - 5	25 24 27 27	9 6 7 24	20 21 22 10	32 35 33 10	12 11 9 23	2 3 2	( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> ) -	- - - -	- - -	- - -	- - -	- - - -	- - - -	- - -	- - - -	- - -	- - -	- - -	- -   -
Level III	776 695 227 225 468 81	40.0 39.9 40.0 40.0 39.9 40.0	778 789 804 804 781 688	800 817 850 850 792 701	705 687 687 707	- 856 - 865 - 914 - 914 - 844 - 812	- - - -	- - - -	( <sup>3</sup> ) - - - - 2	2 ( <sup>3</sup> ) - ( <sup>3</sup> ) 12	7 6 12 12 3 16	18 18 15 15 19	23 23 7 8 30 25	36 37 36 35 38 26	13 14 26 27 8	2 2 3 3 2	- - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - -		- - - -	- - - -	- - - - -
Level IV	638 585 531 53	39.9 39.9 39.9 40.0	910 927 915 721	888 932 888 690	827 821	- 1,033 - 1,033 - 1,030 - 788	- - -	- - -	- - -	(3) (3) (3) -	1 - - 15	9 6 7 38	12 11 13 23	29 31 34 8	16 15 15 17	24 26 23 –	7 7 5 –	3 3 -	- - -	- - - -	- - - -	- - -	- - - -	- - -	- - -	- - -	- - -
Level V	143	39.5	947	962	857	- 1,056	_	-	_	-	-	10	10	16	24	20	13	5	1	_	_	_	_	_	_	-	

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving st	raight-ti	ime wee	ekly pay	(in dolla	ars) of–	-					_
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle	range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
Computer Systems Analysts  Level I  Private industry  Service-producing industries  State and local government	367 278 242 89	39.9 39.9 39.9 39.7	\$729 739 719 697	\$710 710 685 690	\$615 - 628 - 615 - 588 -	- 808 - 785	- - - -	- - - -	2 1 1 4	3 - - 11	11 9 10 18	33 37 41 19	25 26 26 20	16 15 15 20	5 5 3 7	4 6 2 -	1 2 1	- - - -	- - -		- - -	- - - -		- - -	- - - -	- - -	- - - -
Level II	2,024 1,887 191 191 1,696 135 137	39.8 39.8 39.1 39.1 39.9 40.0 39.7	892 895 1,062 1,062 876 1,002 852	885 885 1,050 1,050 873 962 864	808 - 808 - 933 - 933 - 801 - 885 - 744 -	- 966 - 1,192 - 1,192 - 949 - 1,023	- - - - - -	- - - - -	- - - - -	( <sup>3</sup> ) - - - - - 1	1 (3) - (3) - (3) - 4	8 7 1 1 8 - 9	15 15 3 3 16 1	32 33 14 14 35 26 25	28 29 27 27 29 34 19	10 9 24 24 7 19 18	3 3 8 8 2 5 2	2 2 12 12 1 1 10	2 2 13 13 1 5		- - - - -	- - - - - -		- - - - -	- - - - -		-
Level III Private industry Service-producing industries	1,860 1,787 1,745	39.9 39.9 39.9	1,055 1,064 1,062	1,058 1,060 1,058	971 - 981 - 981 -	- 1,142	- - -	- - -	_ _ _	- - -	( <sup>3</sup> ) - -	( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	2 1 1	9 7 7	22 23 23	31 32 33	25 26 26	6 7 6	3 4 4	1 1 1	(3) (3)	- - -	- - -	_ _ _	- - -	- - -	- - -
Level IV Private industry Service-producing industries	463 463 449	39.9 39.9 39.9	1,269 1,269 1,263	1,275 1,275 1,263	1,131 - 1,131 - 1,126 -	1,412	-   -   -	- - -	  -  -  -		- - -	- - -	-  -  -	( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	4 4 4	10 10 11	21 21 22	23 23 23	16 16 16	21 21 21	3 3 1	2 2 1	(3) (3) (3)	- -	- - -	- - -	- - -
Computer Systems Analyst Supervisors/Managers Level I	237 177 151	39.7 39.8 40.0	1,130 1,171 1,152	1,113 1,195 1,115	1,018 - 1,042 - 1,042 -	- 1,288	  -  -  -	- - -	- - -	- - -	_ _ _ _	_ _ _ _	3 -	8 7 9	11 10 11	25 19 22	16 15 16	22 29 23	11 15 14	4 6 6	_ _ _	  -  -  -	- - -	_ _ _	_ _ _ _	- - -	- - -
Level II Private industry Service-producing industries	271 256 256	39.8 39.8 39.8	1,342 1,352 1,352	1,346 1,354 1,354	1,235 - 1,256 - 1,256 -	- 1,437	  -  -	- - -	  -  -	-	- - -	_ _ _	-  -  -	- - -	  -  -	4 3 3	13 11 11	19 18 18	31 33 33	20 21 21	8 9 9	2 2 2	3 3 3	- - -	- - -	- - -	- - -
Personnel Specialists Level I	100 74 74	39.7 39.7 39.7	481 490 490	476 - -	458 - 		- - -	18 4 4	61 73 73	14 16 16	5 7 7	2 - -	- - -	- -	- - -	- - -	- - -	  -  -  -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level II	596 472 423 124	39.8 39.7 39.8 39.9	607 615 613 578	601 615 615 590	545 - 549 - 558 - 515 -	- 645 - 640	- - -	1 1 2 -	8 4 4 21	19 19 17 15	21 16 18 40	42 49 52 16	6 6 3 8	2 3 3 -	1 1 2 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government	740 626 183 180 443 51 114	39.8 39.8 39.8 39.8 39.8 39.6 39.7	786 799 801 802 799 881 710	780 788 750 750 808 890 710	692 - 702 - 702 - 702 - 692 - 831 - 622 -	- 890 - 865 - 880 - 890 - 898	- - - - - -	- - - - - -	1 1 - 1 -	1 ( <sup>3</sup> ) - ( <sup>3</sup> ) - 2	4 1 - 2 - 15	23 22 22 22 22 22 - 30	28 27 39 40 22 22 32	26 27 15 14 32 55 19	17 19 18 18 20 14 2	1 1 3 3 1 8	1 1 2 2 ( <sup>3</sup> ) 2 -	- - - - -	( <sup>3</sup> ) ( <sup>3</sup> ) 1 1	-	- - - - -	- - - - -		- - - - -	- - - - -	- - - - -	- - - - -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay lollars) <sup>2</sup>							ı	Percent	of work	ers rec	eiving st	traight-t	ime wee	ekly pay	/ (in doll	lars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Midd	le range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	-	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
Level IV Private industry	491 418 124 123	39.8 39.7 39.8 39.8	\$1,050 1,072 1,065 1,064	\$1,035 1,059 1,013 1,008	\$907 947 914 913	- \$1,163 - 1,173 - 1,210 - 1,210	  -  -  -	- - -	- - -	- - -	- - -	1 - -	5 4 4	18 13 15	20 23 27 28	11 13 11 11	25 27 15 15	6 5 9	11 12 16 16	2 3 1	(3) (3) 1	- - -	- - -	- - -	- - -	- - -	- - -
Service-producing industries Transportation and utilities State and local government	294 104 73	39.7 40.0 40.0	1,075 1,117 924	1,099 1,123 844	956 953 820	- 1,163 - 1,315 - 1,115	- - -	- - -	- - -	- - -	- - -	- - - 7	4 1 12	12 17 47	21 15 5	14 10 –	32 25 16	4 4 8	11 27 4	3 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level V	217 201 166 47	39.5 39.5 39.6 40.0	1,190 1,211 1,194 1,320	1,210 1,250 1,247 1,266	1,045 1,106 1,096 1,262	<ul><li>1,353</li><li>1,353</li><li>1,334</li><li>1,419</li></ul>	- - -	- - -	- - -	- - -	- - -	- - -	1 - - -	20 18 22 -	3 2 2 -	5 4 3 4	20 20 22 13	18 19 20 43	20 22 17 15	6 6 7 11	4 4 4 9	2 2 1 4	1 1 2 2	- - -	- - -	- - -	- - -
Personnel Supervisors/Managers Level I	58	39.7	1,182	-	-		-	-	_	-	-	_	-	-	14	14	29	31	9	-	-	3	_	_	_	-	-
Tax Collectors Level II State and local government	41 41	40.0 40.0	558 558	560 560	476 476	- 638 - 638	5 5	7 7	20 20	15 15	20 20	32 32	2 2	_ _	_ _	_ _	  -	  - 	_ _	-	-	-	_ _	  - 	_ _	_ _	- -
Level IIIState and local government	6 6	40.0 40.0	784 784	- -	_ _		- -	- -	- -	- -	- -	- -	100 100	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

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.

compute means, medians, and middle ranges.

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

<sup>&</sup>lt;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

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Atlanta, GA, March 1996

		Average		Weel (in d	kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	raight-ti	ime wee	ekly pay	/ (in dol	lars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle rar	nge	275 and under 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 - 900	900 - 950
TECHNICAL OCCUPATIONS																											
Computer Operators  Level II	513 425 118 117 307 88	39.8 39.8 40.0 40.0 39.8 39.9	\$469 469 529 530 446 471	\$439 428 468 468 427 460	\$400 - 387 - 412 - 412 - 387 - 435 -	\$515 515 800 800 485 500	- - - -	3 3 - - 4 5	2 3 8 9 1	12 14 13 13 15 1	7 8 - - 11 2	18 20 25 25 18 10	14 14 2 1 18 16	10 7 7 7 7 7 26	7 5 9 9 3 16	3 3 3 3 5	2 2 2 2 2 2 2	9 10 3 3 13 6	3 1 3 3 1	2 2 - - 3 -	- - - -	(3) (3) - - 1	(3) (3) - - 1	- - - -	6 8 27 27 - -		- - - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	552 488 54 54 434 64	39.9 39.9 39.4 39.4 40.0 39.8	539 538 623 623 528 545	528 527 - - 510 537	462 - 455 -   449 - 495 -	652 652 - - 646 585	- - - -		(3) (3) - - (3) -	(3) (3) - - (3) -	1 1 1 1 1	14 15 - - 17 3	7 6 - 7 8	10 10 - - 12 9	7 6 - 7 14	9 9 11 11 9 9	9 8 4 4 9	6 5 11 11 5 9	4 4 2 2 4 8	5 5 22 22 22 3 3	2 2 - - 2 3	25 26 50 50 24 16	(3) (3) - - (3) -	- - - -	(3) (3) - - (3) -		- - - - -
Level IV	83	40.0	695	665	608 –	792	-	-	-	-	-	_	-	-	4	2	1	7	10	6	8	20	11	13	6	-	11
Drafters Level I Private industry Service-producing industries Transportation and utilities	139 132 73 28	40.0 40.0 40.0 40.0	448 456 433 448	484 484 – –	440 – 440 – – – – –	484 484 –	- - -	5 - - -	- - - -	7 8 14 4	7 8 14 36	- - - -	26 27 49 –	1 2 3 7	52 55 18 46	1 1 1 4	- - - -	1 1 1 4	- - - -	- - - -	  -  -  -  -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -
Level II  Private industry  Service-producing industries  Transportation and utilities	372 343 153 115	39.6 39.6 39.3 39.0	558 571 554 570	566 566 566 566	530 – 530 – 510 – 566 –	588 588 588 588	- - -	- - -	- - -	2 - - -	3 - -	1 - - -	1 ( <sup>3</sup> ) 1 -	1 1 1 2	1 1 1	10 11 24 1	21 23 5 6	16 17 39 52	26 28 24 31	2 2 5 7	- - -	16 17 - -	- - -	- - -	- - -	- - -	- - -
Level III Private industry Service-producing industries Transportation and utilities State and local government	336 274 195 104 62	39.8 39.9 40.0 40.0 39.6	603 617 626 694 538	581 581 633 662 538	554 – 574 – 571 – 650 – 465 –	656 657 666 740 608	- - - -	1 1 1 1	- - - -	- - - -	1 1 1 1	1 - - - 8	2 - - - 13	2 - - - 11	1 - - - 6	3 3 5 - 2	15 15 18 - 11	18 19 24 2 10	17 19 1 1 8	4 1 2 3 15	2 2 3 5 2	24 26 30 57 15	6 7 10 18 -	1 1 1 2 -	3 3 5 9	1 1 2 4 -	-   -   -
Engineering Technicians Level III	376 370	39.5 39.4	601 601	600 600	550 – 550 –	606 606	_ _	-	- -	- -	1 1	- -	-	- -	10 10	3 4	3 4	10 10	21 22	35 34	  -  -	7 7	1	6 6	3 3	- -	_ _
Transportation and utilities  Level IV  Private industry		38.7 39.9 39.9	669 698 698	584 676 676	584 – 640 – 640 –	767 735 735	- - -		- - -	- - -		- - -	- -	- - -	- - -	- - -	- - -	1 - -	52 _ _	4 4	23 23	9 32 31	30 31	24 5 5	14 1 1	- - -	5 6

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							F	Percent	of work	ers rece	eiving st	traight-t	ime wee	ekly pay	/ (in doll	lars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middl	e range	275 and under 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 - 900	900 - 950
Engineering Technicians, Civil Level I:																											
State and local government	80	40.0	\$362	\$342	\$330	- \$376	-	24	31	14	14	4	5	7	1	_	-	-	-	-	-	-	-	-	-	-	-
Level II State and local government	161 53	40.0 40.0	414 441	400 436	389 389	- 420 - 495	_ _	_	<u>-</u>	11 15	24 21	48 11	4 11	2 8	4 11	4 13	3 9	_ _	  -	_ _	_	-	_ _	<u>-</u>	_ _	_ _	-  -
Level IIIState and local government	373 130	40.0 40.0	536 533	520 553	480 474	- 608 - 585		_	-	- -	1 3	5 8	7 7	8 9	10 7	20 9	8 6	6 12	9 18	4 12	21 4	2 5	-  -	-	_ _	_ _	_
Level IVState and local government	465 268	39.9 39.9	632 605	650 608	579 523	- 670 - 677	_	_	<u>-</u>	- -	_ _	  -  -	1 2	2 3	2 3	12 22	3 5	5 8	3 6	6 10	12 8	37 18	13 8	4 7	_ _	(³) -	_
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	1,472 1,472	40.0 40.0	391 391	380 380		- 404 - 404	-	-	17 17	22 22	34 34	9 9	6 6	5 5	2 2	2 2	1	( <sup>3</sup> )	1	( <sup>3</sup> )	-	-	- -	  -  -	- -	- -	-
FirefightersState and local government	1,901 1,866	52.4 52.6	532 527	521 521		- 644 - 635	1 1	  -  -	2 2	3 3	3 4	6 6	4 4	17 17	8 8	14 14	8 8	2 2	1 2	4 4	5 6	19 20	- -	2 (³)	- -	- -	-
Police Officers Level I State and local government	3,750 3,711	41.5 41.5	521 523	490 490	438 439	- 605 - 609		_ _	  -  -	(³)	9	9	15 15	10 10	17 17	9	2 2	3	3	3 3	3 3	6 6	13 13	( <sup>3</sup> )	_ _	_ _	  -  -

<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.

compute means, medians, and middle ranges.

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

<sup>&</sup>lt;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

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Atlanta, GA, March 1996

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ra	ange	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Clerks, Accounting	50	40.0	\$335	_		_	_	20	2	4	12	22	24	8	_	4	_	_	4	_	_	_	_	_	_	_	_
Level II  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  Transportation and utilities  State and local government	2,142 1,936 611 550 1,325 188 206	39.7 39.6 39.6 39.5 39.7 38.4 40.0	413 416 401 400 423 493 388	\$404 406 380 380 417 540 387	\$365 - 365 - 360 - 372 - 422 - 339 -	\$465 470 449 468 478 540 422	- - - -	- - - -	- - - - -	1 1 1 1 ( <sup>3</sup> )	6 5 5 6 5 -	6 5 6 6 5 2 13	22 23 35 35 17 5	12 12 13 14 11 4	21 21 12 9 25 15	4 4 3 3 5 5	9 9 14 15 7 4	9 9 ( <sup>3</sup> ) - 14 3 8	10 11 10 11 11 57	1 1 ( <sup>3</sup> ) - 1 5	- - - -	- - - -	- - - -	-	- - - -	- - - -	- - - -
Level III	1,699 1,279 65 64 1,214 224 420	39.7 39.6 39.0 39.0 39.7 38.9 39.8	462 471 491 493 470 553 431	462 480 - - 480 584 422	398 - 420 -  417 - 525 - 363 -	519 519 - - 523 584 488	- - - -	- - - - -	- - - - -	1 1 - 1 - 1	2 2 - - 2 - ( <sup>3</sup> )	6 1 - 1 - 19	10 10 8 8 10 -	7 6 2 - 6 -	8 7 2 2 7 - 9	10 11 3 3 12 4 6	11 10 37 38 9 11	11 10 26 27 9 5	20 23 5 5 24 7	13 15 12 13 16 63 5	2 2 - - 2 9 2	(3) (3) 3 3 (3) -	- - - - -		( <sup>3</sup> ) ( <sup>3</sup> ) 3	- - - - -	- - - - -
Level IV Private industry Service-producing industries	984 786 751	39.5 39.3 39.4	534 554 555	515 556 564	456 – 466 – 465 –	647 647 647	- - -	- - -	- - -	- - -	- - -	- - -	2 ( <sup>3</sup> ) ( <sup>3</sup> )	6 4 4	7 5 6	8 7 7	13 13 13	10 9 8	12 11 9	12 14 14	13 16 16	17 22 23	- - -	- - -	- - -	  -  -	  -  -
Clerks, General Level II	1,207 845 127 718 102 362	39.9 39.8 40.0 39.8 39.8 40.0	332 340 320 343 402 313	325 329 320 333 393 295	290 - 304 - 289 - 310 - 333 - 277 -	361 364 340 365 484 341	- - - -	3 4 2 4 -	7 1 2 ( <sup>3</sup> ) 2 23	21 18 34 16 5 28	18 19 33 16 12 17	18 23 11 25 20 7	14 16 6 18 11	8 8 5 9 3 7	4 4 2 5 - 2	2 1 4 1 2 3	( <sup>3</sup> ) 1 1 1 2 -	4 5 - 6 44 -	- - - -	- - - -	- - - - -	- - - - -	- - - -	- - - -	- - - -	- - - - -	- - - - -
Level III:  Private industry:  Service-producing industries:  Transportation and utilities  State and local government	860 615	39.7 39.9	549 377	567 376	512 – 325 –	567 430	_ _	_ _	- (³)	2 10	1 18	_ 12	1 7	5 15	4 12	2 18	6 4	3 -	18 4	42 -	(³) -	_ _ _	16 -	_ _ _	_ _	_ _	_ _ _
Level IVState and local government	2,175 701	39.9 40.0	504 385	530 361	397 – 327 –	606 422	-   -	-   -	-   -	-   -	7 22	10 25	4 12	4 8	4 8	4 6	7 5	4 1	8 10	2	44 2	1 -	(³) -	(³)	(³) -	-  -	-   -
Key Entry Operators Level I	1,051 810 176 161 634 241	40.0 40.0 40.0 40.0 40.0 40.0 40.0	351 359 367 368 357 325	340 343 340 340 344 314	305 - 320 - 340 - 340 - 300 - 296 -	366 371 360 356 371 338	(3) (3) - (3) - (3)	1 2 - - 2 -	5 5 - 6 3	13 9 - - 11 28	14 10 15 13 9 29	32 35 48 53 31 24	13 15 13 11 16 6	4 5 4 4 5 3	1 1 3 - 1 2	4 4 3 4 4	1 1 3 4 1	3 4 7 7 3 -	6 8 3 4 9	(3) (3) - - 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - - -

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle r	ange	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Level II: Private industry: Goods-producing industries Manufacturing State and local government	236 236 318	40.0 40.0 40.0	\$435 435 389	\$400 400 376	\$340 – 340 – 338 –		- - -		- - -	1 1 -	7 7 14	21 21 21	1 1 13	( <sup>3</sup> ) ( <sup>3</sup> ) 10	25 25 14	2 2 12	( <sup>3</sup> ) ( <sup>3</sup> ) 8	2 2 3	36 36 6	_ _ _	_ _ _	3 3 -	_ _ _	_ _ _	_ _ _	- - -	- - -
Personnel Assistants (Employment) Level II Private industry Service-producing industries State and local government	96 66 58 30	40.0 40.0 40.0 39.8	442 442 447 444	433 - - -	400 – – – – –	486 - - -	- - -	1 1 1 1	- - -	- - - -	- - - -	1 2 2 -	11 11 5 13	8 8 5 10	25 29 33 17	14 15 17 10	13 9 10 20	11 11 9 13	9 6 7 17	7 11 12 -	- - - -	- - -	- - - -	- - - -	- - - -	- - -	- - -
Level III	97 81 79 16	39.1 39.0 38.9 40.0	554 562 562 517	584 584 - 556	556 – 567 – – – 473 –	584 590 - 556	- - -	1 1 1	- - -	- - -	- - -	- - -	- - - -	- - -	2 - - 13	8 9 9 6	6 5 5 13	4 4 3 6	3 4 4 -	58 57 57 63	19 22 23 –	- - -	- - -	- - - -	- - -	- - -	- - - -
Secretaries Level I Private industry State and local government	1,685 519 1,166	39.9 39.7 39.9	389 439 368	383 406 358	332 – 385 – 314 –	428 480 406	- - -		- - -	7 - 10	14 - 20	11 2 16	13 17 12	15 21 13	13 14 12	6 5 7	7 11 5	5 7 4	6 16 1	2 6 (³)	( <sup>3</sup> ) 1	- - -	- - -	- - -	- - -	- - -	- - -
Level II	2,791 1,081 1,043 1,710	39.9 39.9 39.9 40.0	448 477 475 429	447 481 480 422	389 - 440 - 437 - 367 -		- - -		- - - -	- - - -	1 - - 2	11 ( <sup>3</sup> ) ( <sup>3</sup> ) 17	7 4 5 8	10 2 2 15	13 14 14 12	10 10 10 10	13 16 16 11	12 19 19 8	14 24 24 8	6 8 7 4	3 2 2 3	1 ( <sup>3</sup> ) ( <sup>3</sup> ) 1	- - -	- - - -	- - - -	- - -	- - -
Level III	2,376 1,749 316 311 1,433 229 627	39.8 39.7 39.4 39.4 39.8 39.6 40.0	551 574 640 641 559 581 488	553 569 706 706 565 583 476	481 - 504 - 553 - 559 - 500 - 509 - 421 -	615 626 706 706 610 623 548	- - - - -		- - - - -	- - - - -	- - - - -	(3) (3) - (3) - (3) - (3)	2 ( <sup>3</sup> ) - ( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	2 ( <sup>3</sup> ) - ( <sup>3</sup> ) - 8	5 1 - 1 3 16	5 4 1 1 4 3 8	8 9 10 8 3 9	10 10 7 7 11 10	16 17 7 6 19 18 15	20 24 9 8 27 18 10	16 17 3 3 20 21 12	5 7 4 5 7 12 2	9 12 57 58 2 6 ( <sup>3</sup> )	1 1 1 1 1 1	(3) (3) - (3) 2	(3) (3) 1 1 - -	- - - -
Level IV	911 725 85 85 640 306 186	39.6 39.5 38.1 38.1 39.7 39.8 40.0	621 644 616 616 648 633 531	634 642 588 588 653 638 535	567 - 596 - 570 - 570 - 606 - 597 - 460 -	643 688	- - - -		- - - -	- - - - -	- - - - -	- - - - -	- - - - -	1 - - - - 3	2 - - - - 11	1 - - - - 6	3 2 - 2 4 9	2 1 - 1 - 9	7 4 - - 4 5 20	21 20 62 62 14 17 26	23 27 16 16 29 32 8	23 29 7 7 32 32 1	11 13 7 7 14 9	4 4 2 2 4 1 3	1 2 5 5 1 1	(3) (3) - (3) - (3)	- - - - -
Level V Private industry Service-producing industries Transportation and utilities	193 185 155 39	39.6 39.6 39.9 40.0	771 771 763 787	775 775 767 -	714 – 706 – 695 – –		- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - -	- - - -	1 1 1 -	- - - -	3 3 3 -	5 5 6 –	14 15 15 3	12 12 13 23	26 26 26 41	19 17 18 23	12 13 14 10	7 8 4 –

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							F	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_,					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ra	inge	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Switchboard Operator-Receptionists	1,178	39.8	\$372	\$380	\$307 -	\$418	1	5	1	10	16	9	4	13	21	1	11	1	7	(3)	_	_	(3)	_	_	_	_
Private industry	1,042	39.8	377	380	318 -	423	1	6	(3)	7	14	9	5	15	20	1	12	1	7	(3)	-	-	(3)	-	-	_	-
Service-producing industries		39.8	390	385	340 -	450	1	1	1	7	12	12	6	16	19	1	14	1	9	(3)	-	-	1	-	-	-	-
Transportation and utilities	25	38.4	406	-		-	-	-	-	-	40	16	24	_	-	-	-	-	-	-	-	-	20	-	-	-	-
State and local government	136	40.0	332	307	294 –	405	-	-	4	32	29	4	1	1	26	1	-	-	-	-	-	-	-	-	-	-	-
Word Processors Level II: Private industry:																											
Service-producing industries	291	39.3	506	500	442 -	563	-	-	-	-	-	1	1	10	6	17	6	1	19	29	6	2	2	-	-	_	-

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.
Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance

compute means, medians, and middle ranges.

3 Less than 0.5 percent.

<sup>&</sup>lt;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

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Atlanta, GA, March 1996

	Number			rly pay lollars) <sup>1</sup>									Percent	of work	ers rec	eiving s	traight-t	ime hou	urly pay	(in dolla	ars) of-	-						
Occupation and level	of workers	Mean	Median	Middl	e range	Under 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	-	-	-	-	-	-	-	15.00 - 16.00	-	-	-	19.00 - 20.00	-	-	-	-
General Maintenance Workers  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  State and local government	1,642 923 192 162 731 719	\$10.68 10.37 11.34 11.01 10.12 11.07	\$10.30 9.75 10.54 9.75 9.00 10.88	\$8.92 8.63 9.75 9.75 8.60 9.74	- \$12.55 - 12.35 - 12.80 - 12.80 - 11.75 - 12.55	2 - - 3	4 5 - - 6 4	19 31 - - 39 4	7 7 - 9 7	12 11 45 53 2 13	7 5 - - 6 9	9 6 8 9 5 14	3 2 - - 2 4	8 6 - 7 11	3 2 5 - 1 5	11 9 30 36 3 14	6 6 - 7 7	5 6 10 - 5 3	3 3 1 1 4 3	( <sup>2</sup> ) 1 1 1 1 -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - -	- - - -
Maintenance Electricians: Private industry: Service-producing industriesState and local government	56 131	14.58 14.93	_ 14.75	_ 13.03	 - 16.93	  -  -	_ _	_ _ _	_ _	_ _	_ 1	_ 2	- 9	_ 2	11 3	4 2	29 15	_ 5	5 13	39 13	4 23	4 5	_ 8	2 1	4 –	  -  -	_ _	  -  -
Maintenance Electronics Technicians Level I: State and local government	34	10.95	10.88	10.64	- 11.19	_	_	_	_	_	24	32	26	12	6	_	_	_	_	_	_	_	_	_	_	_	_	_
Level II	2,742 2,361 381	18.58 19.05 15.67	20.20 20.32 16.54	16.74 19.30 14.50	<ul><li>20.32</li><li>20.32</li><li>16.54</li></ul>	-	- - -	-   -   -	- - -	(²) (²) -	_ _ _	1 1 -	(²) (²) -	2 1 2	1 - 5	1 1 2	4 3 6	2 1 5	3 2 7	3 2 4	12 3 65	2 2 3	3 4 -	17 20 1	51 59 –	(²) (²) -	- - -	- - -
Level III	50	18.93	_	_		-	_	-	-	_	_	_	-	_	_	_	-	2	6	10	10	6	6	6	44	6	2	2
Maintenance Machinists Private industry Goods-producing industries Manufacturing	362 352 352 352	17.73 17.80 17.80 17.80	16.65 16.65 16.65 16.65	13.55 13.55 13.55 13.55	- 21.85 - 21.85 - 21.85 - 21.85	-	- - -	- - -	(²) - - -	- - -	- - -	- - -	(²) - -	3 3 3 3	- - -	- - -	15 15 15 15	14 15 15 15	14 15 15 15	1 1 1 1	4 2 2 2	- - -	- - -	2 2 2 2	- - -	46 47 47 47	- - -	- - -
Maintenance Mechanics, Machinery Private industry	1,305 1,163 1,127 1,107 142	14.92 14.78 14.79 14.83 16.12	14.40 14.40 14.40 14.40 16.54	13.00 12.89 12.89 12.89 14.75	- 16.51 - 15.54 - 15.69 - 15.78 - 16.54	-	- - - -	- - - -	- - - -	- - - -	- - - -	3 3 3 -	- - - -	7 7 8 8	4 4 2 1 6	12 13 13 14 1	2 1 1 1 3	3 2 2 2 4	28 30 31 31 12	15 17 16 16 3	15 11 11 12 46	2 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) 16	4 4 4 4 6	( <sup>2</sup> ) ( <sup>2</sup> ) - - 2	6 7 7 7 —	(2) (2) (2) (2) (2)	- - - -	- - - -
Maintenance Mechanics, Motor Vehicle Private industry	1,629 1,178 95 74 1,083 998 451	17.17 18.25 19.08 20.59 18.17 18.58 14.37	17.92 18.27 21.65 - 17.92 18.27 15.12	- 15.86 17.92	- 19.63 - 21.08 - 21.65 19.72 - 20.60 - 16.54	-   -   -   -	- - - - -	- - - - -	( <sup>2</sup> ) - - - - 1	( <sup>2</sup> ) - - - - - 2	1 - - - - 3	1 - - - - 5	1 ( <sup>2</sup> ) - ( <sup>2</sup> ) - 3	1 - - - - 3	4 4 - - 4 - 5	4 ( <sup>2</sup> ) 1 1 - - 15	3 ( <sup>2</sup> ) 1 1 ( <sup>2</sup> ) ( <sup>2</sup> ) 10	1 13 - - 1	6 8 12 3 7 6 2	15 14 1 1 15 15	8 1 3 4 1 ( <sup>2</sup> ) 25	15 21 3 4 22 24 1	11 15 1 1 16 17 2	9 11 6 8 11 12 4	1 1 - 1 1	12 16 59 76 13 14	6 9 - 9 10 -	

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Less than 0.5 percent.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Atlanta, GA, March 1996

				rly pay lollars) <sup>1</sup>									Percent	of worl	kers rec	eiving s	traight-t	ime hou	ırly pay	(in dolla	ars) of–	-						
Occupation and level	Number of workers	Mean	Median	Middle	range	4.25 and under 4.50	4.50 - 4.75	4.75 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	10.00 - 11.00	-	12.00 - 13.00	13.00 - 14.00	-	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00
Forklift Operators Private industry	1,758 1,758 1,292 1,287	\$10.60 10.60 9.84 9.84	\$10.47 10.47 9.31 9.31		+	-	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	19 19 25 26	2 2 3 3	5 5 6 6	4 4 6 6	12 12 16 16	21 21 18 18	12 12 16 16	2 2 1 1	19 19 1	- - - -	- - - -	- - - -	- - - -	- - - -	5 5 6 6	- - - -
Guards  Level I  Private industry  Service-producing industries  State and local government	5,106 4,868 4,788 238	6.62 6.52 6.46 8.72	6.46 6.25 6.25 8.39			1 1 1	1 1 1	1 1 1	22 23 24 –	10 10 10 -	15 16 16 –	10 11 11 -	6 5 6 8	19 19 19 16	5 4 4 32	4 4 3 14	3 3 2 16	1 1 1 13	1 1 (²) 2	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	- - -	- - -	( <sup>2</sup> ) ( <sup>2</sup> ) - -	- - - -	- - -	- - -	- - -	- - - -
Janitors  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  Transportation and utilities  State and local government	12,416 9,842 292 281 9,550 110 2,574	6.58 6.15 8.62 8.66 6.08 11.43 8.22	6.00 5.75 9.00 9.00 5.75 10.30 7.99	7.64 - 7.64 - 5.25 - 10.24 -	- 6.49 - 9.97 - 9.97 - 6.49	3 - - 3	3 4 - 4 - ( <sup>2</sup> )	3 3 - 3 - 1	23 28 12 12 29 -	14 15 - - 16 - 8	20 23 - - 24 - 8	8 8 9 9 8 - 9	6 5 - 5 15 9	4 2 12 9 2 - 11	5 2 4 4 2 6 14	3 1 2 2 1 - 9	3 2 38 39 1 4 7	3 1 17 18 1 46 8	1 ( <sup>2</sup> ) 4 4 ( <sup>2</sup> ) - 5	2 ( <sup>2</sup> ) 2 2 - - 7	(2) (2) - (2) - (2) - (2)	- - - - -	(2) (2) - (2) 18 -	(2) (2) - (2) (2) 11 -	- - - - -	1 1 - - 1 -		- - - - -
Order Fillers Private industry Service-producing industries	1,679 1,679 1,423	10.08 10.08 10.22	9.31 9.31 9.40		- 11.10 - 11.10 - 11.65	-  -  -	- - -	  -  -  -	- - -	- - -	- - -	- - -	4 4 4	6 6 7	1 1 1	11 11 7	43 43 43	6 6 4	13 13 15	2 2 2	13 13 15	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	-  -  -	- - -	-  -  -	- - -	1 1 1	- - -
Shipping/Receiving Clerks: Private industry: Goods-producing industries	753 733 11	8.98 8.94 8.73	8.74 7.99 –	7.05 - 7.05 -	- 10.13	- - -	_ _ _	- - -	_ _ _ _	_ _ _ _	5 5 –	_ _ _	31 32 18	14 14 –	1 1 18	14 14 36	5 5 18	10 8 9	16 16 –	1 1 -	1 1 -	_ _ _	_ _ _ _	_ _ _	_ _ _	_ _ _	3 3 -	- - -
Truckdrivers Light Truck Private industry:	1,431	7.52	7.00	6.25 -	0.00		2	_	_	_	37	4	11	6	19	(²)	7	9	4	_	-	(²)	-	_	_	_	-	-
Service-producing industries  Medium Truck  Private industry  Service-producing industries  Transportation and utilities	1,320 3,039 3,039 2,992 1,871	7.42 14.38 14.38 14.42 17.25	7.00 15.58 15.58 15.58 19.42		- 19.42 - 19.42 - 19.42	- - - -	2 - - -	- - - -	- - - -	- - - -	39 - - - -	2 - - - -	12 1 1 1 1	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	3 3 3 -	1 1 1 1	18 18 18 18	10 12 12 12 12 (²)	1 4 4 3 (²)	3 3 3 2	3 3 3 5	3 3 3 5	22 22 22 22 35	- - - -	- - - -	- - - -	32 32 32 32 51	- - - -
Heavy Truck Private industry	1,121 1,121	14.45 14.45	12.40 12.40	12.40 - 12.40 -	- 17.73 - 17.73	-   -	-	  -  -	- -	- -	- -	- -	- -	(²) (²)	(²) (²)	(²) (²)	4 4	5 5	- -	46 46	1	  -	(²) (²)	- -	43 43	- -	-	_ _
Tractor Trailer	2,196 2,196 91 61 2,105 1,505	15.59 15.59 15.02 15.71 15.61 16.39	15.80 15.80 14.25 - 15.80 18.08	10.11 -	- 18.08 - 19.04  - 18.08	- - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - - -		- - - - -	- - - -	- - - -	1 1 11 16 ( <sup>2</sup> )	7 7 15 23 6 8	6 6 1 6	12 12 11 - 13 6	9 9 - 9 1	10 10 22 - 10 2	10 10 - - 10 14	5 5 - 6 8	- - - -	25 25 12 18 26 36	14 14 13 20 14 19	1 1 15 23 1

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Atlanta, GA, March 1996 — Continued

				rly pay lollars) <sup>1</sup>								Percent	of work	ers rece	eiving s	traight-t	ime hou	ırly pay	(in dolla	ars) of—	-						
Occupation and level	Number of workers	Mean	Median	Middle range	4.25 and unde 4.50	4.50 - 4.75	4.75 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	-	-	7.50 - 8.00	8.00 - 8.50	-	-	-	-	-	-	-	-	-	17.00 - 18.00	-	-	-
Warehouse Specialists: Private industry: Goods-producing industries Manufacturing Service-producing industries: Transportation and utilities State and local government	349 2,347	\$10.75 10.75 17.18 10.62	\$10.53 10.53 18.08 10.55	17.73 – 18	.85 – .85 – .08 – .49 –	_ _ _ _	- - -	_ _ _ _	- - -	4 4 - -	- - -	- - - 5	- - - 15	- - - 15	19 19 - 3	6 6 - 8	27 27 - 6	15 15 ( <sup>2</sup> ) 13	17 17 2 13	12 12 2 17	_ _ _ 15 _	- - 2 5	- - 1 -	- - 21 -	- - 56 -	_ _ _ 1 _	- - -

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Less than 0.5 percent.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996

		Average			kly pay ollars) <sup>2</sup>							F	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ra	ange	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
PROFESSIONAL OCCUPATIONS																											
Accountants Level I Private industry Service-producing industries State and local government	676 632 628 44	39.9 39.9 39.9 39.9	\$505 505 505 506	\$500 500 500 511	\$450 - 450 - 450 - 484 -	\$542 544 542 533	(3) (3) (3)	13 13 13 14	36 37 37 25	27 25 25 50	18 18 18 9	6 6 6 2	(3) (3) (3)	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- -   -
Level II  Private industry  Service-producing industries  State and local government	844 679 616 165	39.7 39.7 39.8 39.8	623 625 618 617	615 615 596 615	549 – 548 – 538 – 568 –	683 685 673 664	- - -		8 8 9 7	17 19 21 10	21 20 22 23	35 32 30 47	16 16 14 13	3 4 4 -	(3) (3) (3)	(3) (3) (3)	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -   -
Level III  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  State and local government	861 696 109 109 587 165	39.7 39.7 38.9 38.9 39.9 39.6	790 803 900 900 785 737	769 775 900 900 764 725	700 - 709 - 835 - 835 - 702 - 664 -	865 878 968 968 846 820	- - - -		- - - -	1 ( <sup>3</sup> ) - ( <sup>3</sup> ) 4	1 ( <sup>3</sup> ) - ( <sup>3</sup> ) 5	22 20 5 5 22 33	37 39 14 14 43 31	21 21 30 30 20 21	12 13 40 40 8 7	4 5 11 11 4	2 2 - - 3 -	(3) (3) - (3) -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - -	- - - -	- - - - -
Level IV	676 617 110 110 507 203 59	39.7 39.7 39.1 39.1 39.9 40.0 39.8	1,017 1,028 1,047 1,047 1,024 1,092 897	1,002 1,023 1,038 1,038 1,022 1,124 907	853 - 857 - 851 - 851 - 865 - 927 - 823 -	1,154 1,177 1,221 1,221 1,155 1,242 993	- - - - -	1 1 1 1 1	- - - -	(3) (3) - (3) (3)	( <sup>3</sup> ) - - - - - 3	1 1 3 3 ( <sup>3</sup> ) ( <sup>3</sup> ) 8	12 12 14 14 12 4 5	16 15 21 21 14 11 32	19 18 5 5 21 18 27	19 19 19 19 19 15	10 11 4 4 12 11 3	13 14 16 16 13 27 3	6 6 5 5 6 10	3 3 12 12 1 1 1	(3) (3) 1 1 (3) -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Level V  Private industry  Service-producing industries  Transportation and utilities	179 158 138 74	39.8 39.8 39.8 40.0	1,263 1,296 1,298 1,375	1,250 1,298 1,305 1,339	1,063 - 1,171 - 1,171 - 1,304 -	1,396 1,432 1,442 1,529	- - -		- - -		- - -	- - - -	1 - -	3 2 2 -	8 3 3 1	14 15 16 12	15 16 14 8	16 16 14 3	20 22 25 34	8 8 8 14	9 10 9	6 7 8 15	2 2 2 4	- - -	- - -	- - -	- - -
Attorneys Level II: State and local government	27	39.8	956	952	952 –	983	_	_	_	-	_	_	4	_	74	22	_	_	_	_	_	_	_	_	_	_	_
Level III	71	39.5 39.9 39.9 38.6	1,325 1,340 1,333 1,280	- - - 1,235	   1,161 -	- - - 1,389	- - -		- - - -		- - -	- - - -	- - -	- - - -	- - - -	4 2 2 11	13 9 10 22	28 30 32 22	25 26 28 22	13 13 8 11	17 19 20 11	- - -	- - - -	- - - -	- - - -	- - - -	- - -
Level IV	126 117 117 26 9	39.9 40.0 40.0 40.0 39.4	1,524 1,520 1,520 1,712 1,571	1,492 1,492 1,492 – –	1,306 - 1,306 - 1,306 - 	1,680 1,696 1,696 –	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	11 12 12 - -	10 10 10 - -	11 12 12 - -	21 22 22 4 -	11 7 7 12 67	13 12 12 12 31 33	9 9 9 31 -	10 11 11 23 -	2 2 2 - -	1 1 1 -	2 2 2 - -

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	/ (in dol	lars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Midd	e range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	-	2100 and over
Engineers Level IState and local government	61 16	39.5 40.0	\$664 578	_ \$558	_ \$538	 _ \$617	  -  -	_ _	_ _	8 31	11 44	44 25	34	2 -	_ _	_ _	_ _ _	_ _ _	_ _	_ 	_ _ _	  -  -	_ _ _	_ _	_ _	_ _	  -  -
Level II	582 376 169 169 206	39.9 39.9 39.8 39.8 39.9	822 882 809 809 714	777 884 731 731 722	694 727 695 695 644	- 967 - 1,035 - 931 - 931 - 788	-	- - - -	- - - -	2 - - - 5	5 3 - - 10	20 14 26 26 31	29 24 41 41 38	14 12 5 5 17	11 17 11 11	11 18 9 9	8 12 6 6	( <sup>3</sup> ) 1 - -	( <sup>3</sup> ) 1 1 1 -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III	1,367 1,176 575 575 601 488 191	39.8 39.8 39.7 39.7 40.0 40.0 39.8	984 1,012 1,085 1,085 943 971 808	958 987 1,090 1,090 954 973 800	823 856 873 873 846 896 728	- 1,121 - 1,171 - 1,279 - 1,279 - 1,015 - 1,027 - 892	- - -	- - - - -	- - - - -	- - - - -	( <sup>3</sup> ) - - - - 1	4 2 ( <sup>3</sup> ) ( <sup>3</sup> ) 4 2 14	15 11 10 10 13 9 35	19 18 17 17 19 15	24 24 12 12 36 42 20	12 14 11 11 15 18	8 9 10 10 9 10	10 12 22 22 23 3 3	7 8 15 15 1 1	1 1 2 2 ( <sup>3</sup> ) ( <sup>3</sup> )	(3) (3) (3) (3) (3) -	- - - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - - -
Level IV  Private industry  Goods-producing industries  Manufacturing  State and local government	1,422 1,241 850 850 181	39.7 39.7 39.6 39.6 39.6	1,101 1,127 1,085 1,085 919	1,076 1,118 1,025 1,025 932	947 970 942 942 857	- 1,248 - 1,270 - 1,215 - 1,215 - 1,013	- - -	- - - -	- - - -	- - - -	- - - -	1 - - - 7	2 1 1 1 1	10 8 12 12 25	22 21 28 28 28 29	17 17 19 19	14 14 12 12 10	18 21 16 16	10 12 6 6	5 5 5 5	1 1 1 1	(3) (3) (3) (3) (3)	(3) (3) (3) (3) (3)	(3) (3) - -	- - - -	- - - -	- - - -
Level V: Private industry: Service-producing industries Transportation and utilities State and local government	82 79 56	40.0 40.0 39.6	1,349 1,348 1,077	1,346 1,350 1,044	1,250 1,246 984	- 1,419 - 1,419 - 1,108	-	_ _ _	_ _ _	  -  -  -	_ _ _ _	  -  -  -	- - -	- - 2	- - 25	5 5 39	6 6 13	32 30 11	22 23 11	24 25 -	5 4 -	2 3 -	2 3 -	1 1 -	_ _ _ _	_ _ _	  -  -  -
Level VI Private industry	223 210	39.2 39.1	1,642 1,669	1,619 1,619	1,515 1,520	- 1,790 - 1,790		  -	  -	_ _	- -	_ _	<u> </u>	- -	- -	1 -	3 -	1 ( <sup>3</sup> )	4 4	11 12	24 25	25 25	9 10	9	2 2	9	2 2
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts Level IState and local government	22 22	40.0 40.0	522 522	533 533	478 478	- 562 - 562		23 23	5 5	27 27	41 41	5 5	_ _	_ _	_ _	_ _	_ _	_ _	_ _	  -  -	  -  -	  -  -	_ _	_ _	_ _	-	  -  -
Level IIState and local government	77 59	39.6 40.0	645 623	- 635	- 535	 - 690	-	  -  -	9 12	14 19	12 8	44 47	13 10	3 -	3	- -	3 -	_ _	- -	  -  -	-  -	-  -	- -	- -	  -  -	-	-  -
Level IIIState and local government	90 31	38.8 40.0	835 745	837 750	754 690	- 904 - 820		  -	  -	1 3	1 3	10 29	21 35	39 26	21 3	6	1 -	- -	- -	  -	  - 	-	- -	- -	  -	-	-  -
Level IV: State and local government	21	40.0	857	857	824	- 896	-	_	_	-	-	10	10	57	19	5	-	_	_	-	_	_	-	-	-	-	

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	lars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle	e range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	2100 and over
Buyers/Contracting Specialists										_					_												
Level II	291 218 79 79	39.6 39.4 38.5 38.5	\$673 693 766 766	\$669 675 -	612	- \$752 - 756 	- - -	-	1 1 -	7 6 5 5	20 11 3 3	40 43 13 13	15 20 41 41	14 16 32 32	3 4 8 8	- - -	- - -	- - -	- - -	- - -	-   -   -	-   -   -	- - -	- - -	- - -	- - -	-   -
Manufacturing Service-producing industries State and local government	139 73	40.0 40.0	651 616	647 585	604	- 681 - 669	-   -	-	1 3	6	16 47	60 32	9	6 8	1 -	- -	_ _ _	_ _ _	_ _ _	_ _ _	-   -	=	- -	- - -	- -	_ _ _	-   -
Level III  Private industry  Service-producing industries  Transportation and utilities  State and local government		39.7 39.9 40.0 40.0 38.4	856 872 879 940 754	842 869 877 954 736	785 779 853	- 953 - 962 - 991 - 1,025 - 786	- - - -	  -  -  -	- - - -	- - - -	1 ( <sup>3</sup> ) 1 - 2	12 12 15 5 17	24 17 18 7 63	28 30 21 26 17	22 25 25 32 2	8 10 13 18 –	5 6 7 12 –	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level IV	124 122 62	39.8 39.8 40.0	1,040 1,041 1,047	1,052 1,057 –		- 1,118 - 1,119 	- - -		- - -	- - -	- - -	- - -	3 3 6	12 12 10	20 19 3	31 32 44	27 27 35	3 3 2	2 2 -	2 2 -	- - -	  -  -	- - -	- - -	- - -	- - -	-   -   -
Computer Programmers  Level I  Private industry		39.9 40.0	557 564	- -	<u>-</u> -	 	  -  -	3	33 31	14 16	8 7	42 46	-	1 -	_ _	_ _	_ _	_ _	  -  -	_ _	  -  -	  -  -	_ _	_ _	_ _	_ _	  -  -
Level II	348 283 240 65	39.9 39.9 39.8 39.9	631 641 635 589	621 625 620 556	584 584	- 689 - 688 - 678 - 711	- - -	1 - - 6	6 5 6 12	11 7 8 29	16 16 16 12	44 52 52 12	18 16 15 28	3 4 3 -	(3) (3) (3)	- - -	- - -	- - -	- - -	- - -	- - -	-  -  -  -	- - -	- - -	- - -	- - -	-   -   -
Level III Private industry Service-producing industries State and local government	479 398 241 81	39.9 39.9 39.8 40.0	796 818 780 688	814 837 780 701	749 705	- 876 - 888 - 843 - 812	- - -		( <sup>3</sup> ) - - 2	3 1 1 12	5 3 5 16	13 12 17 19	24 24 32 25	36 38 35 26	15 19 6	3 4 3 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level IV Private industry State and local government	344 291 53	39.8 39.8 40.0	831 851 721	823 828 690	760	- 941 - 950 - 788	-  -  -	- - -	- - -	1 1 -	2 - 15	17 13 38	22 22 23	30 34 8	11 10 17	13 15 –	5 6 -	- - -	- - -	- - -	-   -   -	-  -  -	- - -	- - -	- - -	- - -	-   -   -
Level V	143	39.5	947	962	857	- 1,056	-	-	_	-	-	10	10	16	24	20	13	5	1	-	-	-	-	-	_	_	-
Computer Systems Analysts Level I Private industry Service-producing industries State and local government	278	39.9 39.9 39.9 39.7	729 739 719 697	710 710 685 690	628 615	- 808 - 808 - 785 - 830	- - - -		2 1 1 4	3 - - 11	11 9 10 18	33 37 41 19	25 26 26 20	16 15 15 20	5 5 3 7	4 6 2 –	1 2 1 -	- - - -	- - -	- - -	- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - -
Level II	1,967 1,830 191 191 1,639 135 137	39.8 39.8 39.1 39.1 39.9 40.0 39.7	894 897 1,062 1,062 878 1,002 852	885 886 1,050 1,050 873 962 864	814 933 933 804 885	- 967 - 968 - 1,192 - 1,192 - 950 - 1,023 - 961	- - - - -	111111	- - - - -	( <sup>3</sup> ) - - - - - 1	1 (3) - (3) - (3) - 4	7 7 1 1 8 - 9	15 15 3 3 16 1	32 32 14 14 34 26 25	29 30 27 27 30 34 19	10 9 24 24 7 19 18	3 3 8 8 2 5 2	2 2 12 12 1 1 10	2 2 13 13 1 5	- - - - -	- - - - -	- - - - -	- - - - -		- - - - -	- - - - -	- - - - -

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							I	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Midd	lle range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	210 an ove
Level III	1,511 1,438 1,396	39.9 39.9 39.8	\$1,042 1,052 1,049	\$1,052 1,058 1,057	\$971 981 981	- \$1,119 - 1,124 - 1,119	-	_ _ _	- - -	- - -	(³) - -	(3) (3) (3)	2 1 1	9 7 7	22 22 23	34 35 35	26 27 27	6 6 5	(3) (3) (3)	(3) (3) (3)	(3) (3) -	  -  -  -	- - -	_ _ _	- - -	_ _ _	  -  -
Level IV Private industry Service-producing industries	268 268 254	39.8 39.8 39.7	1,262 1,262 1,251	1,250 1,250 1,250	1,154 1,154 1,154	- 1,360 - 1,360 - 1,346	-	-  -  -	-   -   -	-  -  -	-   -   -	- - -	- - -	1 1 1	3 3 3	9 9 9	21 21 22	30 30 31	20 20 20	9 9 7	4 4 2	3 3 2	( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	- - -	-   -   -	-  -  -	-  -
Computer Systems Analyst Supervisors/Managers Level I Private industry Service-producing industries	204 144 118	39.7 39.7 40.0	1,108 1,150 1,120	1,107 1,179 1,113	1,013 1,042 1,033	- 1,254 - 1,276 - 1,256	-	- - -	- - -	- - -	- - -	- - -	3 - -	9 9 11	11 10 12	26 19 23	18 17 18	23 31 24	10 14 13	(³) 1 -	- - -	- - -	- - -	- - -	- - -	- - -	  -  -
Level II	265 250 250	39.8 39.8 39.8	1,338 1,348 1,348	1,336 1,350 1,350	1,233 1,252 1,252	- 1,423 - 1,437 - 1,437	-	-  -  -	-  -  -	-  -  -	- - -	  -  -	- - -	- - -	- - -	4 3 3	13 12 12	20 18 18	32 34 34	20 21 21	7 8 8	2 2 2	3 3 3	- - -	  -  -	-  -  -	-  -
Personnel Specialists Level I	66	39.5	486	_	_		_	23	45	21	8	3	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
Level II	397 287 239 110	39.7 39.6 39.6 39.9	616 627 627 587	604 615 615 591	539 542 548 535	- 673 - 673 - 608	_	2 2 3 -	6 3 4 12	20 22 18 17	21 12 14 45	38 45 49 17	9 9 5 9	3 4 5	2 2 3 -	- - -	- - -	- - -	- - -	- - -	- - -	-   -   -	- - -	- - -	- - -	- - -	-   -   -
Level III  Private industry  Goods-producing industries  Manufacturing  Service-producing industries  Transportation and utilities  State and local government	419 310 63 63 247 47 109	39.6 39.6 39.3 39.3 39.7 39.6 39.6	799 832 914 914 811 889 707	802 845 - - 842 894 706	710 744 - - 742 860 620	- 881 - 894  - 890 - 927 - 788	- - -	- - - - -	- - - - -	1 1 - 1 - 2	5 1 - 1 - 1 -	16 11 2 2 14 - 31	27 26 11 11 30 15 30	32 36 40 40 36 60	15 19 30 30 16 15	2 3 8 8 2 9	1 2 6 6 (3) 2 -	- - - - -	( <sup>3</sup> ) 1 3 3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - -
Level IV	364 310 99 99 211 96 54	39.7 39.7 39.8 39.8 39.6 40.0 40.0	1,042 1,058 1,037 1,037 1,068 1,126 953	1,008 1,019 998 998 1,029 1,123 887	906 923 906 906 940 964 788	- 1,158 - 1,163 - 1,152 - 1,152 - 1,185 - 1,324 - 1,115	- - - -	- - - - -	- - - - -	- - - - -	- - - - -	1 - - - - 9	5 3 3 3 1 1	18 16 19 19 15 15	24 26 28 28 26 17	13 15 12 12 17 10	18 18 18 18 18 23 22	8 7 11 11 5 4	11 12 6 6 15 29 6	2 2 1 1 2 1	(3) (3) 1 1 - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - -
Level V	211 195 160 47	39.5 39.5 39.6 40.0	1,189 1,210 1,193 1,320	1,204 1,254 1,247 1,266	1,035 1,098 1,051 1,262	<ul><li>1,353</li><li>1,353</li><li>1,351</li><li>1,419</li></ul>	-	- - -	- - -	- - -	- - -	1 1 1	1 - - -	20 18 22 -	3 2 2 -	5 5 3 4	19 20 21 13	17 18 19 43	20 22 17 15	6 7 7 11	4 4 4 9	2 2 1 4	1 2 2 2	- - - -	- - -	- - -	-   -   -

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							F	ercent	of work	ers rece	eiving st	raight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle rai	nge	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	-	-	1500 - 1600	1600 - 1700	1700 - 1800	-	-	2000 - 2100	and
Personnel Supervisors/Managers Level I	55	39.7	\$1,181	_		_	_	-	_	-	-	-	_	_	15	15	25	33	9	-	_	4	_	_	_	_	_
Tax Collectors Level II	41 41	40.0 40.0	558 558	\$560 560	\$476 – 476 –	\$638 638	5 5	7 7	20 20	15 15	20 20	32 32	2 2	- -	_ _	-	<u>-</u> -	_ _	_ _	<u>-</u>	_ _	_ _	_ _	_ _	_ _	_ _	  -  -
Level III State and local government	6 6	40.0 40.0	784 784	-		_	-	-	_ _	1 1	-	-	100 100	- -	_ _	1 1	- -	- -	_ _	-	- -	_ _	-	-	  -	-  -	-

<sup>&</sup>lt;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.

compute means, medians, and middle ranges.

<sup>&</sup>lt;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

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

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Atlanta, GA, March 1996

		Average			kly pay ollars) <sup>2</sup>							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	/ (in dol	lars) of-						
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ran	nge	300 and under 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 - 675	675 - 700	700 - 725	725 - 750	750 - 800	800 - 850	850 - 900
TECHNICAL OCCUPATIONS																											
Computer Operators  Level II	461 386 89 89 297 75	39.8 39.8 40.0 40.0 39.8 39.9	\$476 477 567 567 450 472	\$444 444 496 496 428 456	\$400 - 387 - 360 - 360 - 392 - 433 -	\$526 530 800 800 493 520	1 1 - 1 5	3 3 11 11 1	13 16 17 17 15	8 9 - - 12 3	14 14 1 1 18 12	15 15 1 1 19	8 8 9 9 7 13	7 5 12 12 3 19	4 3 3 3 3 5	2 2 2 2 2 2 3	10 11 3 3 13 7	3 1 3 3 1 13	2 2 - - 3	- - - -	( <sup>3</sup> ) 1 - 1 - 1	- - - -	( <sup>3</sup> ) 1 - - 1	- - - -	- - - -	7 8 36 36 - -	- - - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	482 418 54 54 364 64	39.9 39.9 39.4 39.4 40.0 39.8	538 537 623 623 525 545	529 528 - - 501 537	455 – 452 – – – 449 – 495 –	652 652 - - 652 585	- - - -	(3) (3) - - 1	(3) (3) - - 1	- - - - -	15 17 - - 20 3	7 7 - 8 8	11 11 - - 13 9	8 7 - - 8 14	6 6 11 11 5 9	9 8 4 4 8 17	7 6 11 11 5 9	2 2 2 2 2 2 8	4 4 22 22 2 2 3	2 1 - - 2 3	26 29 46 46 26 5	2 ( <sup>3</sup> ) 4 4 - 11	(3) (3) - - (3) -	- - - -	- - - -	(3) (3) - - 1	- - - -
Drafters Level II	143 114 101 99	39.0 38.7 38.9 38.9	531 562 567 569	566 566 566 566	525 – 555 – 566 – 566 –	588 588 588 588	- - - -	- - - -	6 - -	7 - - -	3 - - -	1 1 1	3 2 2 2	1 2 2 1	2 1 1 1	14 18 7 7	34 42 48 48	26 32 36 36	3 4 4 4	- - - -	- - -	- - - -	- - -	- - - -	- - -	- - -	- - -
Level III	182 120 105 104 62	39.7 39.7 40.0 40.0 39.6	638 690 693 694 538	651 662 662 662 538	585 – 650 – 650 – 650 – 465 –	687 738 740 740 608	- - - -	- - - -	- - - -	- - - -	3 - - - 8	4 - - - 13	4 - - - 11	2 - - - 6	1 - - - 2	4 - - - 11	4 2 2 2 10	3 1 1 1 8	7 3 4 3 15	3 4 5 5 2	38 51 46 46 15	6 9 10 11 –	3 4 5 5	8 12 13 13	2 3 2 2	5 7 9 9	2 3 4 4
Engineering Technicians Level III	110	38.1	600	584	584 –	623	_	_	_	_	_	_	-	_	12	12	1	40	11	_	5	12	4	_	4	_	_
Engineering Technicians, Civil Level IState and local government	80 80	40.0 40.0	362 362	342 342	330 – 330 –	376 376	24 24	31 31	14 14	14 14	4 4	5 5	7 7	1	_ _ _	_ _ _	_ _	  -  -	_ _	  -  -	  -  -	  -  -	_ _	_ _	_ _ _	_ _	  -  -
Level IIState and local government	53 53	40.0 40.0	441 441	436 436	389 – 389 –	495 495	-   -	- -	15 15	21 21	11 11	11 11	8 8	11 11	13 13	9	_ _	_	-   -	- -	-	-	-  -	- -	-  -	-	-   -
Level IIIState and local government	130 130	40.0 40.0	533 533	553 553	474 – 474 –	585 585	  -  -	- -	  -  -	3	8 8	7 7	9	7 7	9 9	6 6	12 12	18 18	12 12	4 4	4 4	1 1	-	  -  -	-  -	-  -	-   -
Level IVState and local government	271 268	39.9 39.9	606 605	608 608	523 – 523 –	679 677	_ _	- -	- -	_ _	_ _	2 2	3 3	3 3	21 22	5 5	8 8	6 6	10 10	8 8	7 7	11 11	6 6	2 2	7 7	_ _	(3)

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay ollars) <sup>2</sup>							F	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ra	nge	300 and under 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 - 675	675 - 700	700 - 725	725 - 750	750 - 800	800 - 850	850 - 900
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers State and local government		40.0 40.0	\$394 394	\$389 389	\$353 – 353 –	\$404 404	-	20 20	22 22	29 29	10 10	5 5	6 6	2 2	2 2	2 2	(³) (³)	1	(³) (³)	-	- -	-	-	- -	-  -	_	-  -
Firefighters State and local government		52.3 52.7	572 565	596 581	495 – 484 –	677 677	-	3 3	5 5	4 4	4 4	3 3	6 7	4 4	8 8	8 9	4 4	3 3	4 4	9 10	3 4	30 31	- -	_ _	3 (³)	-	-  -
Police Officers Level I State and local government	2,516 2,477	42.2 42.2	554 556	509 515	463 – 468 –	677 677	  -  -	- -	  -  -	5 5	5 5	12 11	9	13 13	7 7	3	4 4	4 4	5 5	5 5	1 1	8 8	19 20	_ _	( <sup>3</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.

compute means, medians, and middle ranges.

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

<sup>&</sup>lt;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

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Atlanta, GA, March 1996

		Average			kly pay ollars) <sup>2</sup>							ļ	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	/ (in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middl	e range	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Clerks, Accounting	50	40.0	\$335	_	_		_	20	2	4	12	22	24	8	_	4	_	_	4	_	_	_	_	_	_	_	ı –
Level II	964 765 607 199	39.3 39.1 39.3 40.0	424 434 442 388	\$411 416 424 389	\$370 376 385 338	- \$476 - 494 - 507 - 422	- - - -	- - -	- - -	2 1 1 4	5 3 2 15	7 5 5 14	15 16 11 12	12 12 12 14	18 18 19 18	9 10 10 7	6 5 6 8	6 5 7 8	18 22 24 2	2 2 3 -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -
Level III	1,146 731 683 218 415	39.5 39.4 39.4 38.8 39.8	450 461 457 555 431	442 443 442 584 422	377 385 385 525 363	- 503 - 554 - 564 - 584 - 486	- - -	- - - -	- - - -	1 2 2 -	3 4 4 - ( <sup>3</sup> )	9 2 3 - 19	10 10 10 - 12	10 9 10 - 11	10 10 10 - 9	11 15 15 4 6	11 10 9 11 14	9 8 6 5 12	7 5 5 5 11	16 22 22 65 4	3 3 3 10 2	(3) (3) - -	- - - -	- - - -	(3) (3) - - -	- - - -	- - - -
Level IV Private industry Service-producing industries	951 753 720	39.5 39.3 39.4	533 554 555	515 564 569	451 466 462	- 647 - 647 - 647	_ _ _	-  -  -	- - -	- - -	- - -	- - -	2 ( <sup>3</sup> ) ( <sup>3</sup> )	6 4 4	7 6 6	8 7 8	13 13 13	11 10 9	10 8 7	13 14 14	13 16 16	17 22 23	- - -	- - -	- - -	- - -	- - -
Clerks, General Level II	996 638 590 102 358	39.8 39.7 39.7 39.8 40.0	338 353 355 402 313	329 340 340 393 295	321 324	- 365 - 376 - 376 - 484 - 343	- - -	1 ( <sup>3</sup> ) - - 1	9 1 1 2 23	17 11 8 5 28	17 17 18 12 17	19 26 27 20 8	16 19 20 11	9 10 11 3 7	4 6 6 - 2	2 2 1 2 3	1 1 1 2	5 7 8 44 –	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -
Level III	2,918 2,303 2,113 860 615	39.9 39.9 39.8 39.7 39.9	422 434 416 549 377	390 396 385 567 376		- 540 - 567 - 540 - 567 - 430	- -	- - - -	15 19 21 - ( <sup>3</sup> )	5 3 4 2 10	9 6 7 1 18	9 9 9 - 12	6 6 6 1 7	9 8 8 5 15	6 4 5 4 12	5 2 2 2 18	6 6 6 6 4	1 1 1 3	6 7 7 18 4	13 16 17 42	1 (3) (3)	4 6 - -	5 6 6 16	- - - -	- - - -	- - -	- - - -
Level IVState and local government	2,157 701	39.9 40.0	503 385	530 361	396 327	- 606 - 422		  -  -	  -  -	  -  -	7 22	10 25	4 12	4 8	4 8	4 6	7 5	4	8 10	2	45 2	(3)	(3)	(3)	(³) -	-	_ _
Key Entry Operators Level I	529 307 277 222	40.0 40.0 40.0 40.0	340 351 337 325	327 347 340 317	288 285 280 295	- 368 - 384 - 371 - 338	1	2 3 4 -	9 13 14 4	23 17 19 31	14 7 8 23	16 9 10 26	15 21 23 6	4 4 5 3	2 1 1 2	8 11 10 4	3 4 2 1	2 4 (³)	2 3 1	1 1 1	- - - -	- - - -	- - -	- - - -	  -  -  -	- - -	- - - -
Level IIState and local government	958 318	40.0 40.0	362 389	349 376	291 338	- 404 - 436	- -	- -	  - 	26 -	13 14	15 21	14 13	7 10	7 14	5 12	3 8	4 3	4 6	1 -	1 -	1 -	  -  -	  -  -	_ _	- -	_ _
Personnel Assistants (Employment) Level II	85 56 29	39.9 40.0 39.8	439 435 446	430 - -	400 - -	- 485  	- - -	- - -	- - -	- - -	- - -	1 2 -	13 13 14	8 9 7	24 27 17	13 14 10	14 11 21	13 13 14	11 7 17	4 5 –	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level IIIState and local government	66 16	38.7 40.0	544 517	- 556	- 473	 - 556	_ _	_ _	_	_ _	_ _	_ _	- -	_ _	3 13	12 6	6 13	6 6	5 -	62 63	6 –	_	_	_ _	_ _	- -	_ _

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Atlanta, GA, March 1996 — Continued

		Average			kly pay lollars) <sup>2</sup>							ļ	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	/ (in doll	ars) of-	=					
Occupation and level	Number of workers	weekly hours <sup>1</sup> (stan- dard)	Mean	Median	Middle ra	nge	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Secretaries Level I	1,326 342 304	40.0 40.0 40.0	\$382 451 453	\$370 441 440	\$320 – 394 – 392 –	\$424 512 512	_ _ _	_ _ _	_ _ _ _	9 –	18 - -	13 3 3	11 9 9	13 17 18	11 15 16	8 8 5	6 15 14	2 4 4	6 18 19	3 9 10	( <sup>3</sup> ) 1 2	_ _ _	_ _ _	_ _ _	_ _ _	- - -	_ _ _
State and local government  Level II	984 2,351 815 787 1,536	39.9 40.0 40.0 40.0 40.0	358 446 484 483 425	349 440 484 481 406	310 – 377 – 446 – 446 – 363 –	396 500 519 519 473	- - - -	- - - -	- - - -	12 - - - -	24 2 - - 3	17 12 ( <sup>3</sup> ) 1 19	7 3 3 9	11 11 2 2 15	10 12 11 11 11	10 12 12 12 8	13 15 15 15	9 15 16 5	1 15 28 29 8	6 8 7 4	3 3 3 3	1 1 1 1	- - - -	- - - -	- - - -	- - - -	- - - -
Level III	1,917 1,317 307 307 1,010 189 600	39.7 39.7 39.4 39.4 39.7 39.5 40.0	550 580 642 642 562 585 482	542 573 706 706 558 590 474	481 - 511 - 559 - 559 - 504 - 525 - 421 -	615 642 706 706 615 621 540	- - - - -	- - - - -	- - - - -	- - - - -	- - - - - -	(3) (3) - (3) - (3)	3 (3) - (3) 1 8	3 ( <sup>3</sup> ) - ( <sup>3</sup> ) - 9	6 1 - 2 3 16	5 3 1 1 4 2 8	7 5 10 10 4 2	11 11 7 7 13 8 11	18 19 7 7 23 20 15	17 19 8 8 23 20	14 16 2 2 21 21 24 9	6 7 5 5 8 8	10 15 58 58 2 7 ( <sup>3</sup> )	1 1 1 1 1 2	(3) (3) - (3) 3	(3) (3) 1 1 -	- - - - -
Level IV	813 629 563 306 184	39.6 39.5 39.7 39.8 40.0	617 643 645 633 529	622 644 654 638 535	567 - 596 - 600 - 597 - 460 -	683 684 686 683 585	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	1 - - - 3	3 - - - 11	1 - - - 6	3 2 2 4 9	3 1 1 - 9	8 4 5 5 21	21 20 16 17 27	21 25 26 32 8	24 31 34 32 1	10 12 12 9 3	4 4 4 1 3	1 2 1 1	(3) (3) (3) -	- - - -
Level V	180 178 155 39	39.6 39.6 39.9 40.0	772 772 763 787	775 775 767	703 – 702 – 695 – –	827 827 816	- - -	- - -	- - - -	- - - -	- - - -	- - -	- - -	- - -	- - - -	- - -	- - -	1 1 1	- - -	2 2 3 -	6 6 6	15 15 15 3	12 12 13 23	25 24 26 41	18 18 18 23	13 13 14 10	8 8 4 -
Switchboard Operator-Receptionists Private industry Service-producing industries State and local government	188 161 120 27	39.0 38.8 38.6 40.0	390 395 389 358	384 385 382 -	311 - 308 - 300 - 	452 453 428 -	1 1 2 -	2 2 3 -	2 2 3 -	2 - - 11	26 24 27 33	8 8 7 7	2 2 2 -	10 11 13 4	18 15 15 37	4 3 3 7	10 12 5 -	5 6 7 –	6 7 5 -	2 2 2 -	- - -	- - - -	3 3 4 -	- - -	- - -	- - -	- - -

<sup>&</sup>lt;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>&</sup>lt;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>&</sup>lt;sup>3</sup> Less than 0.5 percent.

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Atlanta, GA, March 1996

	Number			rly pay ollars) <sup>1</sup>									Percent	of work	ers rece	eiving s	traight-t	time hou	ırly pay	(in dolla	ars) of–	-						
Occupation and level	of workers	Mean	Median	Middle	e range	Under 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	-	-	-	14.00 - 15.00	-	-	-	-	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00
General Maintenance Workers	848 238 235 610	\$11.15 10.88 10.87 11.25	\$11.43 10.91 10.91 11.49	8.63 8.63	<ul><li>\$12.55</li><li>12.24</li><li>12.55</li></ul>	7 7	6 10 10 4	6 10 10 4	5 6 6 4	10 4 4 13	7 3 3 9	10 12 11 10	5 5 5 5	13 15 15 12	5 4 4 5	13 3 3 16	7 4 4 8	6 15 15 3	3 ( <sup>2</sup> ) - 4	(²) 2 2	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	
Maintenance Electricians  Private industry  Goods-producing industries  Manufacturing  State and local government	818 693 665 665 125	20.25 21.21 21.45 21.45 14.94	21.90 21.90 21.90 21.90 15.34	21.85 21.85 21.85	- 21.90 - 21.90 - 21.90 - 21.90 - 16.93	- - - -	- - - -	- - - -	- - - -	- - - -	( <sup>2</sup> ) - - - 1	(²) - - - 2	1 - - - 10	(²) - - - 2	1 (²) - - 3	(²) (²) - - 2	2 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) 13	1 - - - 5	4 2 2 2 14	5 3 1 1 1	5 2 2 2 2 24	1 1 1 1 5	3 3 3 3 7	1 1 1 1	1 2 1 1	59 69 72 72 -	14 16 17 17	- - - -
Maintenance Electronics Technicians Level I: State and local government	34	10.95	10.88	10.64	- 11.19	_	_	_	_	_	24	32	26	12	6	-	_	_	_	_	_	_	_	_	_	_	_	_
Level II	2,592 2,215 377	18.92 19.47 15.69	20.20 20.32 16.54	19.30	<ul><li>20.32</li><li>20.32</li><li>16.54</li></ul>	-	-   -   -	-  -  -	-  -  -	(²) (²) -	- - -	- - -	(²) (²) -	1 (²) 2	1 - 5	1 1 2	1 (²) 6	2 1 5	2 1 7	2 2 4	12 3 65	3 2 3	4 4 -	18 21 1	54 63 –	(²) (²) -	- - -	- - -
Level III	50	18.93	_	-		-	-	_	-	-	-	_	_	-	-	-	-	2	6	10	10	6	6	6	44	6	2	2
Maintenance Mechanics, Machinery Private industry Goods-producing industries Manufacturing State and local government	502 360 335 335 142	16.91 17.22 17.37 17.37 16.12	16.51 16.51 16.51 16.51 16.54	16.25 16.25	- 18.90 - 18.90 - 20.20 - 20.20 - 16.54	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	11111	- - - -	2 1 1 1 6	1 1 1 1	2 1 1 1 3	4 4 4 4 4	9 8 8 8 12	11 14 10 10 3	39 36 38 38 46	5 - - - 16	10 12 13 13 6	1 1 - - 2	17 23 25 25 25	1 1 1 1	- - - -	- - - -
Maintenance Mechanics, Motor Vehicle  Private industry  Service-producing industries  Transportation and utilities  State and local government	1,350 965 897 875 385	17.88 19.12 18.97 19.08 14.76	17.92 18.27 18.27 18.27 15.34	17.92 17.92 17.92	- 19.72 - 21.44 - 21.14 - 21.17 - 16.54	- - - -	- - - -	- - - -	( <sup>2</sup> ) - - - 1	1 - - - 2	( <sup>2</sup> ) - - - 1	1 - - - 3	1 - - 4	1 - - - 3	2 - - 5	3 ( <sup>2</sup> ) - - 10	3 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) 8	( <sup>2</sup> ) - - - 1	3 4 4 2 3	11 8 8 8 21	9 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) 30	18 25 27 27 1	13 18 19 19 3	11 13 13 14 5	1 1 1 1	14 20 15 16 –	8 11 11 12 -	- - - -

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Less than 0.5 percent.

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Atlanta, GA, March 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	Middl	e range	4.25 and under 4.50	4.50 - 4.75	4.75 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	-	-	16.00 - 17.00	17.00 - 18.00	-	-	-
Forklift Operators  Private industry	824 824 490 490	\$12.14 12.14 11.17 11.17	\$12.49 12.49 9.31 9.31	9.31 9.31	- \$13.70 - 13.70 - 10.16	-	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	6 6 10 10	5 5 8 8	23 23 38 38	13 13 21 21	2 2 3 3	3 3 3 3	39 39 - -	- - -	- - - -	- - - -	- - -	- - - -	10 10 17 17	- - -
Guards Level I: State and local government	228	8.78	8.47	8.10	- 9.39	_	_	_	_	_	_	_	6	14	33	15	16	13	2	_	_	_	_	_	_	_	_	_
Janitors  Private industry  Service-producing industries  State and local government	8,848 6,411 6,335 2,437	6.58 5.93 5.90 8.27	6.00 5.50 5.50 8.03	5.05 5.05	- 7.37 - 6.32 - 6.26 - 9.22	3	2 2 2 (²)	2 2 2 1	26 35 35 2	14 16 16 9	15 18 18 8	9 8 8 9	6 5 5 9	5 2 2 11	5 2 2 14	4 2 2 9	3 1 1 7	3 1 (²) 8	2 (²) (²) 5	2 - - 7	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	- - -	(2) (2) (2) -	(2) (2) (2) -	- - -	- - -	-   -   -	-  -  -
Material Handling Laborers  Private industry  Service-producing industries	342 336 290	10.37 10.43 10.13	9.76 9.76 10.30	8.31	- 11.92 - 12.12 - 11.92	-	- - -	- - -	- - -	- - -	3 3 3	4 3 3	7 7 8	8 8 9	5 5 6	6 6 7	20 20 12	13 13 15	10 10 12	2 2 2	18 19 22	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	-  -  -	- - -	- - -	-  -  -	4 4 -	- - -
Order Fillers  Private industry  Service-producing industries	651 651 543	11.72 11.72 12.17	11.70 11.70 12.00		- 13.70 - 13.70 - 13.70	-  -  -	_ _ _	  -  -	- - -	- - -	  -  -	- - -	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	2 2 2	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	1 1 1	28 28 13	9 9 11	19 19 22	5 5 6	34 34 41	1 1 1	-  -  -	- - -	- - -	-  -  -	2 2 3	- - -
Shipping/Receiving Clerks Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	412 401 98 98 303 11	12.08 12.18 12.48 12.48 12.08 8.73	11.98 11.98 11.56 11.56 12.17	8.26	- 14.09 - 14.09 - 13.91 - 14.09 	- - - -	- - - -	- - - -	- - - -	- - - -	1 1 1 1 1	- - - -	7 6 17 17 3	2 2 2 2 2	4 4 5 5 3 18	5 4 - - 6 36	5 5 2 2 6 18	7 6 4 4 7 9	21 21 31 31 18	10 10 10 10 10	13 13 3 3 17	9 9 - 13	10 10 - - 13	1 1 - 1	(2) (2) - (2) - (2)	- - - -	6 6 24 24 - -	- - - -
Truckdrivers  Medium Truck  Private industry  Service-producing industries  Transportation and utilities	1,922 1,922 1,910 1,853	17.08 17.08 17.11 17.35	17.57 17.57 19.42 19.42	15.58 15.58	- 19.42 - 19.42 - 19.42 - 19.42		- - -	- - -	- - -	- - -	- - -	- - -	- - -	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	- - -	1 1 1	( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	2 2 2 (²)	1 1 ( <sup>2</sup> ) ( <sup>2</sup> )	2 2 2 2	4 4 4 5	5 5 5 5	34 34 35 36	- - -	- - -	- - -	50 50 50 52	-  -  -
Tractor Trailer  Private industry  Service-producing industries  Transportation and utilities	1,682 1,682 1,635 1,209	16.69 16.69 16.67 17.70	18.08 18.08 18.08 18.08	14.65 14.65	- 18.08 - 18.08 - 18.08 - 18.08		- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 ( <sup>2</sup> )	1 1 1	2 2 2 -	1 1 1	12 12 12 1	12 12 12 2	13 13 13 18	7 7 7 10	- - -	33 33 33 45	18 18 18 24	1 1 -
Warehouse Specialists  Private industry  Service-producing industries  Transportation and utilities  State and local government	3,040 2,918 2,834 2,339 122	15.97 16.20 16.33 17.19 10.62	17.73 17.73 17.73 18.08 10.71	14.20 14.20	- 18.08 - 18.08 - 18.08 - 18.08 - 12.49	-   -   -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	( <sup>2</sup> ) - - - 5	1 ( <sup>2</sup> ) ( <sup>2</sup> ) - 16	1 ( <sup>2</sup> ) ( <sup>2</sup> ) - 15	(2) (2) (2) - 3	1 1 ( <sup>2</sup> ) - 7	2 1 1 - 6	3 3 2 (²) 13	13 13 13 1 1 1	4 4 2 2 17	12 12 13 15 -	2 1 1 2 5	1 1 1 1	16 17 17 21 –	43 45 46 56	1 1 1 1	- - - -

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Less than 0.5 percent

### Appendix A. Scope and Method of Survey

#### Scope

This survey of the Atlanta, GA 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. 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 Atlanta, GA Metropolitan Statistical Area (May 1992). 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 Atlanta, GA Metropolitan Statistical Area. Collection for the survey was from February 1996 through August 1996 and reflects an average payroll reference month of March 1996. Data obtained for a payroll period prior to the end of April 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 16.6 percent of the sample establishments (representing 148,111 employees covered by the survey). An additional 5.1 percent of the sample establishments (representing 34,553 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:

Relative standard error	Percent of published occupational work levels
Less than 1 percent 1 and under 3 percent 3 and under 5 percent 5 percent and over	3.5 63.4 26.8

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.

Approximately 12 percent of the 466 sampled job match decisions reviewed by the JMV reviewers and checked with the respondents were subsequently changed by the JMV reviewers. The results are from a similar survey conducted in 1994, see *Occupational Compensation Survey: Pay Only, Atlanta, GA*, BLS Bulletin 3075-40.

<sup>&</sup>lt;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, Atlanta, GA¹, March 1996

	Number of es	stablishments	Workers in establishments					
Industry division <sup>2</sup>	Within scope of	Studied	Within scop	e of survey <sup>4</sup>	Studied			
	survey <sup>3</sup>	Studied	Number	Percent	Ottalea			
ALL ESTABLISHMENTS								
All divisions	3,257	235	1,002,946	100	314,790			
Private industry	3,150	214	841,487	84	237,856			
Goods producing	892	53	157,015	16	39,448			
Manufacturing	694	41	143,739	14	37,673			
Mining <sup>5</sup>		3	1.081	( <sup>6</sup> )	742			
Construction <sup>5</sup>		9	12.195	l `1	1.033			
Service producing		161	684,472	68	198,408			
Transportation, communication, electric, gas, and	,		,					
sanitary services <sup>7</sup>	194	20	109.422	11	69.339			
Wholesale trade <sup>8</sup>	326	18	48,776	5	10,696			
Retail trade <sup>8</sup>	535	22	217.658	22	44,326			
Finance, insurance, and real estate <sup>8</sup>		12	65.455	7	9.749			
Services <sup>8</sup>	958	89	243,161	24	64,298			
State and local government	107	21	161,459	16	76,934			
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE								
All divisions	352	93	637,867	100	292,014			
Private industry	313	80	491.350	77	216.949			
Goods producing		16	62.857	10	33,662			
Manufacturing		16	62,857	10	33,662			
Service producing		64	428,493	67	183,287			
Transportation, communication, electric, gas, and			120,100	ļ	100,207			
sanitary services <sup>7</sup>	40	12	93.895	15	68.123			
Wholesale trade <sup>8</sup>		4	11,308	2	8,388			
Retail trade <sup>8</sup>	95	10	160.547	25	42,465			
Finance, insurance, and real estate <sup>8</sup>		5	38,537	6	8,836			
Services <sup>8</sup>	92	33	124,206	19	55,475			
State and local government	39	13	146,517	23	75,065			

¹ The Atlanta Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Barrow, Butts, Cherokee, Clayton, Cobb, Coweta, Dekalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, Spalding, and Walton Counties. 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.

same industry division. In government, an establishment is generally defined as all locations of a government entity.

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

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

<sup>&</sup>lt;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

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

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> Less than 0.5 percent.

<sup>&</sup>lt;sup>7</sup> Abbreviated to "Transportation and utilities" in the A-series tables. This division is represented in the "all industries" and "service producing" estimates.

<sup>&</sup>lt;sup>8</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.