Occupational Compensation Survey: Pay Only

Cleveland–Akron, OH, Consolidated Metropolitan Area, August 1996



U.S. Department of Labor Bureau of Labor Statistics

Bulletin 3085-42

Preface

This bulletin provides results of an August 1996 survey of occupational pay in the Cleveland–Akron, OH Consolidated Metropolitan Statistical Area, which combines the Cleveland, OH, the Lorain–Elyria, OH, and the Akron, OH Primary Metropolitan Statistical Areas. A bulletin providing results of the survey for only the Cleveland, OH Primary Metropolitan Statistical Area has been published as Bulletin 3085-35. 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 Chicago, under the direction of Ronald H. Pritzlaff, 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 Chicago Regional Office at (312) 353-1880. 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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Cleveland–Akron, OH, Consolidated Metropolitan Area, August 1996



U.S. Department of Labor **Bureau of Labor Statistics** Katharine G. Abraham, Commissioner February 1997 Bulletin 3085-42 Contents Page Page Tables—Continued Introduction 2 Tables: Weekly hours and pay of technical and protective A-7. service occupations All establishments: 21 A-8. Weekly hours and pay of clerical occupations 23 A-1. Weekly hours and pay of professional and A-9. Hourly pay of maintenance and toolroom administrative occupations 3 A-2. Weekly hours and pay of technical and protective occupations 26 service occupations 8 A-10. Hourly pay of material movement and custodial occupations A-3. Weekly hours and pay of clerical occupations 10 28 A-4. Hourly pay of maintenance and toolroom occupations 13 Hourly pay of material movement and custodial A-5. occupations 15 Appendixes: Establishments employing 500 workers or more: Α. Scope and method of survey A-1 A-6. Weekly hours and pay of professional and В. Occupational descriptions B-1 administrative occupations 17

Introduction

This survey of occupational pay in the Cleveland–Akron, OH Consolidated Metropolitan Statistical Area (Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, and Summit 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, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars)²							I	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	íin doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle n	ange	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
PROFESSIONAL OCCUPATIONS																											
Accountants																											1
Level I	218	39.7	\$500	\$485	\$424 -	\$550	-	$\binom{3}{2}$	38	16	21	14	7	4	-	1	-	-	-	-	-	-	-	-	-	-	- 1
Private industry Goods-producing industries	216 115	39.7 40.0	500 490	485 442	424 – 424 –		_	(3)	38 53	15 9	21 13	14 15	7 5	3		1	-		-	_		_	-	_		_	-
Manufacturing		40.0	490	442	424 -		_	_	53	9	13	15	5	3	_	2	_	_	-	_	_	-	_	_	-	_	_
Service-producing industries		39.4	511	510	468 –	555	-	1	21	23	30	14	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	570	39.6	636	621	569 -	675	_	_	1	2	16	23	24	15	7	5	4	2	1	1	-	_	_	_	-	_	-
Private industry	524	39.6	643	627	577 –	681	-	-	-	1	16	22	24	16	7	5	5	2	1	1	-	-	-	-	-	-	-
Goods-producing industries		39.8	684	649	612 -	735	-	-	-	$\binom{3}{3}$	6	17	26	21	5	9	8	3	2	1	-	-	-	-	-	-	-
Manufacturing Service-producing industries	253 270	39.8 39.4	684 605	645 596	612 - 540 -		-	-	-	(³) 2	6 26	17 27	26 23	21 11	5 10	9 1	8	3 (³)	2	1	-	-	-	_		_	
State and local government		39.7	557	550	520 -	601	_	_	7	15	20	33	17	4	4	_	-	(_ ́	_	_	_	_	_	_	_	_	_
Level III	715	39.8	789	781	712 -	865	_	_	_	_	_	1	7	14	16	18	30	11	2	(3)	_	_	_	_	_	_	1
Private industry		39.7	795	788	720 -	872	_	_	_	_	_		7	13	15	19	31	12	2	$\binom{1}{3}$	_	_	_	_	_	_	_
Goods-producing industries	430	39.9	807	806	733 –	879	-	-	-	-	-	1	6	10	14	17	36	13	2	<u>`</u> 1´	-	-	-	-	-	-	-
Manufacturing		39.9	807	806	733 -		-	-	-	-	-	1	6	10	14	17	36	13	2	1	-	-	-	-	-	-	-
Service-producing industries State and local government		39.4 39.9	771 728	770 720	681 - 680 -	849 797	-	-	-	-	-	2	8 14	19 22	16 24	22 15	20 17	11 5	2	_		_	-	_		-	-
State and local government	55	55.5	120	120	000 -	151							14	~~~	27		''										-
Level IV	403	39.7	982	962	895 -	1,053	-	-	-	-	-	-	-	-	1	1	23	36	22	10	4	1	$\binom{3}{3}$	$\binom{3}{3}$	-	-	- 1
Private industry Goods-producing industries		39.7 39.9	985 965	965 936	904 - 876 -		-	-		-	-	-	-	-	1	$\begin{pmatrix} 1 \\ (^3) \end{pmatrix}$	23 32	37 40	23 14	10 8	4	$\begin{pmatrix} 1 \\ (^3) \end{pmatrix}$	$\binom{3}{(3)}$	$\binom{3}{(3)}$	-	_	-
Manufacturing		39.9	965	936	876 -		_	_		_	_	_	_	_	_	$\binom{1}{3}$	32	40	14	8	4	$\binom{1}{3}$	(3)	$\binom{1}{3}$	_	_	
Service-producing industries		39.6	1,016	1,010	952 -		-	-	-	-	-	-	-	-	1	ì 1	9	32	37	12	5	3	`_′	`_′	-	-	-
State and local government	15	39.8	913	868	747 –	1,113	-	-	-	-	-	-	-	-	27	13	20	7	7	20	7	-	-	-	-	-	-
Level V	142	39.7	1,258	1,248	1,151 -	1,385	_	_	-	_	_	_	_	-	-	-	1	4	10	21	20	27	14	2	1	_	I –
Private industry	137	39.8	1,262	1,250	1,151 -		-	-	-	-	-	-	-	-	-	-	1	4	10	20	20	28	15	2	1	-	-
Goods-producing industries		39.7	1,247	1,206	1,132 -		-	-	-	-	-	-	-	-	_	-	-	4	12	27	19	20	17			-	-
Manufacturing	101	39.7	1,247	1,206	1,132 -	1,397	-	-	-	-	-	-	_	-	-	-	-	4	12	27	19	20	17	1	1	-	-
Attorneys																											1
Level I: State and local government	9	40.0	698	_		_	_	_	_	_	_	_	22	33	22	22	-	-	_	_	_	_	_	_	_	_	- 1
-																											1
Level II State and local government	65 36	40.0 40.0	962 900	864	813 -	_ 979	_	-	-	-	-	-	-	_	-	3 6	31 50	25 22	31 19	8	3		-	_	-	-	-
State and local government	30	40.0	900	004	013 -	919	-	-	-	-	-	-	-	-	-	0	50	22	1 19	3	-	-	-	_	-		i –
Level III		39.7	1,286	1,261	1,209 -		-	-	-	-	-	-	-	-	-	-	-	2	7	12	40	23	9	3	5	-	- 1
Private industry		39.7	1,294	1,280	1,209 -	.,	-	-	-	-	-	-	-	-	-	-	-	2	6	11	39	22	10	3	6	-	-
Service-producing industries State and local government		39.8 39.8	1,295 1,228	_		_	_	-	-	_	-	-	_	-	-	-	-	3	7 17	15 17	26 42	29 25	10	4	4	_	-
5																								10	50		
Level IV	50	39.5	1,671	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10	16	58	6	6
Level V		39.2	2,192	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	22	66
Private industry	67	39.2	2,192	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	22	466

		Average			kly pay ollars)²								Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	íin doll	ars) of–	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
Engineers Level I	438 420 296 234 124 18	40.0 40.0 40.0 40.0 40.0 40.0	\$662 664 666 677 658 630	\$657 660 673 678 649 612	\$615 - 615 - 615 - 625 - 591 - 564 -	712 712 712 712 715					2 2 3 4 -	16 15 10 12 26 50	30 31 32 20 30 6	21 21 24 25 13 17	21 20 20 25 22 22	6 6 7 9 6	3 4 3 4 4	$\begin{pmatrix} 3 \\ 3 \\ (3) \\ (3) \\ (3) \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ $	- - - - -		- - - - -		- - - -		- - - - -		
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	951 831 653 652 178 120	40.0 40.0 40.0 40.0 40.0 40.0	773 768 767 767 770 812	758 750 731 731 789 805	696 - 696 - 696 - 696 - 620 - 729 -	837 827 828 866	- - - - -	- - - - -	- - - -	- - - - -	- - - -	2 2 - 10 4	6 6 3 3 19 3	17 19 23 23 6 3	23 22 28 27 3 26	15 15 15 15 16 12	22 22 20 20 20 28 22	13 11 10 10 14 27	2 2 1 1 4 2	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ -	- - - - -	- - - -	- - - -	- - - - -	- - - - -		- - - - -
Level III	2,038 1,868 1,312 1,253 556 170	40.0 40.0 40.0 40.0 40.0 39.9	933 929 930 926 925 974	913 913 914 912 870 995	846 - 846 - 850 - 847 - 800 - 849 -	1,008 1,000 998 1,046		- - - -	- - - -	- - - -	- - - -		(³) - - - 2	1 (³) (³) 3 5	5 5 6 4 6	9 9 7 7 14 6	30 32 32 33 32 16	24 24 28 29 16 16	20 19 20 17 15 31	6 7 5 5 11 4	3 2 1 1 5 15	1 1 1 - -	- - - - -	- - - - -	- - - - -		- - - -
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,802 1,782 381	40.0 40.0 40.0 40.0 40.0 39.3	1,112 1,113 1,112 1,111 1,115 1,095	1,118 1,115 1,109 1,109 1,140 1,123	1,010 - 1,010 - 1,010 - 1,006 - 1,027 - 1,009 -	1,200 1,202 1,202 1,202 1,173	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -	- - - - -	$\binom{3}{(3)}{(3)}{(3)}{(3)}{(3)}{(3)}$	5 5 5 1 5	18 18 18 18 18 18 18	23 23 23 23 23 23 17	29 29 27 27 39 45	17 17 19 18 11 3	6 6 6 5 10	2 2 2 2 2 2	1 1 1 1 1	- - - - -		- - - -
Level V Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,549 1,537 1,251 1,249 286 12	40.0 40.0 40.0 40.0 40.0 39.8	1,291 1,291 1,298 1,297 1,262 1,311	1,262 1,262 1,262 1,262 1,263 -	1,154 - 1,154 - 1,154 - 1,154 - 1,154 - 1,150 - 	1,399 1,405 1,404 1,346	- - - -	- - - -	- - - - -	- - - -	- - - -		- - - -	- - - -	- - - - -	- - - -	- - - -	1 1 1 1 1	12 12 12 12 12 13 -	20 20 20 20 20 20 17	25 25 24 24 28 25	18 18 16 16 25 50	12 12 12 12 9 8	7 7 8 8 2 -	5 5 5 2 -	1 1 1 -	- - - -
Level VI Private industry Goods-producing industries Manufacturing Service-producing industries	795 794 720 720 74	40.0 40.0 40.0 40.0 40.0	1,583 1,583 1,589 1,589 1,589	1,597 1,597 1,602 1,602 -	1,494 - 1,494 - 1,498 - 1,498 - 	1,712 1,719 1,719	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	1 1 1 1	2 2 2 2 -	7 7 7 7 4	3 3 2 2 16	14 14 13 13 19	24 24 24 24 27	36 36 37 37 28	12 12 13 13 5	1 1 1 1 -
Level VII Private industry Goods-producing industries Manufacturing	142 142 124 124	40.0 40.0 40.0 40.0	1,958 1,958 1,988 1,988	1,986 1,986 1,986 1,986	1,836 - 1,836 - 1,849 - 1,849 -	2,078 2,079	- - - -	- - - -	_ _ _ _	- - - -	- - -		- - - -	- - - -	- - - -	_ _ _	- - - -	- - - -	_ _ _ _	_ _ _ _	- - - -	_ _ _ _	8 8 6 6	1 1 - -	13 13 10 10	35 35 35 35	44 44 49 ⁵49

		Average			kly pay ollars)²							I	Percent	of work	ers rece	eiving s	raight-ti	me wee	ekly pay	ín doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts Level I: State and local government	10	40.0	\$585	_			_	10	10	_	20	20	_	10	30	_	_	_	_	_	_	_	_	_	_	_	_
Level II: State and local government	38	40.0	659	\$642	\$571	- \$730	_	-	3	5	11	21	11	13	16	5	8	8	_	_	_	_	_	_	_	_	_
Level III: State and local government	11	39.4	856	-			_	_	_	-	_	_	-	-	-	18	64	9	9	-	_	_	_	_	_	_	-
Buyers/Contracting Specialists Level I	53 14	39.9 40.0	465 514	-	_ ·		-	32	19 29	15 21	13 14	8 21	11 14	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Level II Private industry	421 395 279 279 116 26	40.0 40.0 40.0 40.0 39.9 39.8	647 650 654 654 640 609	645 654 645 645 660 601	556 556 588 588 556	- 712 - 712 - 727	- - - -		$\begin{pmatrix} 3 \\ (^3) \\ (^3) \\ - \\ - \\ 1 \\ - \\ 1 \\ - \\ - \\ 1 \\ - \\ -$	4 2 - - 8 23	16 16 22 22 3 8	15 15 10 10 28 15	16 16 19 19 7 27	13 13 14 14 13 8	20 21 17 17 32 4	9 9 10 10 6 15	6 7 8 3 -	$\binom{3}{3}$ $\binom{3}{3}$ $\binom{3}{3}$ -	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ - \\ - \end{pmatrix}$								- - - - -
Level III Private industry Goods-producing industries Manufacturing State and local government	381 368 324 322 13	40.0 40.0 40.0 40.0 40.0	859 861 860 860 804	841 845 835 831 –				- - - -	- - - -	- - - -	- - - -	- - - -	1 - - 15	6 5 6 8	9 9 9 9	19 19 21 21 23	31 32 29 29 23	20 20 19 19 23	11 11 13 13 -	2 2 2 2 -	1 1 1 1		- - - -	- - - -	- - - -	- - - -	- - - -
Level IV Private industry Goods-producing industries Manufacturing	90 88 69 69	40.0 40.0 40.0 40.0	1,081 1,081 1,074 1,074	1,096 1,096 - -	1,010	- 1,129 - 1,130 		- - - -	- - - -	- - -	- - - -	- - -		- - -	- - -	- - - -	9 9 12 12	14 15 17 17	39 40 30 30	23 22 23 23	11 11 13 13	2 2 3 3	1 1 1	- - - -	- - - -	- - - -	- - - -
Computer Programmers Level I Private industry State and local government	72 60 12	39.8 39.7 40.0	501 497 521	- - -				15 18 -	14 13 17	15 12 33	25 27 17	14 12 25	14 17 -	1 2 -	1 - 8	- - -	- - -	- - -	- - -	- - -	- - -			- - -	- - -	- - -	- - -
Level II Private industry Service-producing industries State and local government	248 200 157 48	39.7 39.7 39.6 40.0	609 600 590 645	606 581 580 638		- 651 - 652		- - - -	2 2 3 -	6 7 10 -	19 20 24 15	20 22 20 10	25 22 17 35	10 8 11 19	13 13 14 15	2 3 1 -	2 1 - 6	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	588 557 150 150 407 31	39.5 39.5 39.3 39.3 39.6 39.8	755 755 750 750 757 762	756 756 752 752 760 756	700	- 826 - 794 - 794 - 844		- - - -	- - - -	- - - -	2 2 - 3 -	4 - - 5 13	10 10 14 14 9 6	14 14 11 11 16 3	17 17 23 23 14 23	22 22 31 31 18 19	24 24 15 15 27 26	7 7 4 4 8 10	1 1 1 (³)	- - - -			- - - -	- - - - -	- - - -	- - - -	- - - -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996 - Continued

Table A-1. All establishments: Week	v hours and pay of profe	essional and administrative occupation	ns, Cleveland-Akron, OH, August 1996 — Continued

		Average			kly pay Iollars)²							l	Percent	of work	ers rece	eiving s	traight-t	ime we	ekly pay	íin doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	ange	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 _ 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
Level IV Private industry Service-producing industries	113 101 67	39.9 40.0 40.0	\$891 883 889	\$885 873 -	\$823 - 823 - 		- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 1	- - -	8 8 10	51 56 43	28 24 30	12 11 15	- - -	- - -	- - -	- - -	- - -	- - -	- -	- - -
Computer Systems Analysts Level I Private industry	359 112 109 247	39.7 39.7 39.4 39.4 39.8 39.8 39.9	789 793 856 858 765 749	787 788 869 869 755 772	712 - 712 - 775 - 808 - 690 - 677 -	864 869 934 938 822 835	- - - - -	- - - - -	- - - - -	- - - - -	- - - -	3 3 - 4 10	2 1 - 2 12	16 16 3 23 10	13 13 4 5 17 14	19 19 20 17 19 19	29 29 38 39 25 31	15 17 34 35 9 5	1 1 1 2 -	- - - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - - -		
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	910 373 373 537	39.5 39.5 39.6 39.6 39.5 39.5	905 907 943 943 883 861	901 901 952 952 877 880	840 – 842 – 874 – 874 – 825 – 783 –	1,012 1,012 935	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	(³) - - - 7	1 1 - 1 -	5 5 2 7 4	8 7 6 8 20	35 36 25 25 44 26	32 32 36 36 29 35	17 17 29 29 9 9	2 2 2 2 2 2	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	631 149 149 482	39.6 39.5 39.1 39.1 39.7 39.9	1,073 1,079 1,107 1,107 1,070 938	1,071 1,076 1,103 1,103 1,059 955	977 – 981 – 1,013 – 1,013 – 971 – 854 –	1,148 1,200 1,200 1,136	- - - -	- - - -	- - - - -	- - - -	- - - -	- - - -	- - - -	(³) - - - 7	(³) - - - 4	$\begin{pmatrix} 3 \\ 3 \end{pmatrix} \\ - \\ - \\ (3) \\ 7 \end{pmatrix}$	5 4 2 2 5 15	25 25 15 15 28 33	28 29 32 32 28 19	24 25 25 25 25 25 11	11 12 15 15 11 4	5 5 11 11 3 -	1 - - 1 -	$\begin{pmatrix} 3 \\ 3 \end{pmatrix} \\ - \\ - \\ (3) \\ - \\ (3) \\ - \end{pmatrix}$	- - - - -		_ _ _ _
Level IV Private industry		39.3 39.2	1,200 1,228	1,231 1,244	1,111 – 1,142 –	.,000										1	3	9 6	12 13	16 17	31 34	24 26	2 2	1	1 1		-
Computer Systems Analyst Supervisors/Managers Level I Private industry State and local government	71	39.9 39.8 40.0	1,144 1,141 1,166	1,164 _ _	1,072 – – – – –	1,245 _ _	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- -	- - -	- - -	1 _ 10	5 6 –	28 30 20	31 31 30	31 31 30	4 3 10	- - -	- - -	- - -	- -	- -
Level II Private industry Service-producing industries		39.9 39.9 39.9	1,321 1,320 1,292	1,335 1,335 1,310	1,217 – 1,217 – 1,174 –	1,412	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	6 6 8	16 16 19	18 18 22	31 31 30	21 22 18	4 3 3	3 3 -	- - -	- - -
Personnel Specialists Level I Private industry		40.0 40.0	500 497			- -	1 2		29 31	13 14	35 33	10 9	6 6	4 5													
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	307 190 190 117	39.9 39.9 40.0 40.0 39.7 39.8	632 626 655 655 579 679	625 625 646 646 606 654	560 - 560 - 570 - 570 - 529 - 574 -		- - - - -	- - - - -	6 6 - 16 8	3 3 - 8 3	12 12 13 13 10 11	21 22 26 26 15 11	23 23 19 19 31 16	15 16 17 17 15 8	8 9 13 13 3 5	1 (³) 1 - 11	4 3 3 3 3 14	4 3 4 4 - 14	2 2 4 4 -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -		

		Average			kly pay ollars)²							F	Percent	of work	ers rece	eiving st	traight-t	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ra	nge	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	231 231 157	39.9 39.9 40.0 40.0 39.6 39.9	\$809 813 818 818 804 783	\$779 779 750 750 779 768	\$712 – 712 – 712 – 712 – 692 – 707 –	\$904 915 923 904 842						1 3 	9 8 12 12 3 19	12 13 8 21 3	13 12 12 12 13 17	22 22 26 26 16 22	17 16 14 14 18 22	17 18 18 18 18 17 10	6 6 4 4 8 7	2 2 2 2 1	2 3 4 - -	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ - \\ - \end{pmatrix}$					
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	344 184 183 160	39.8 39.9 40.0 40.0 39.7 39.2	1,022 1,023 1,010 1,009 1,039 1,004	1,005 1,006 1,000 1,000 1,039 990	902 – 902 – 889 – 889 – 926 – 940 –	1,115 1,125 1,139 1,140 1,123 1,048	- - - -	- - - - -		- - - - -					2 2 3 1 -	1 1 2 1 -	18 18 23 23 12 12	23 22 20 20 24 40	29 29 24 24 34 36	16 16 19 19 13 12	8 8 4 4 13 -	2 2 2 2 2 2	1 1 2 - -	1 1 2 - -	- - - -	- - - -	
Level V Private industry Goods-producing industries Manufacturing	101	39.6 39.6 39.8 39.8	1,326 1,326 1,320 1,321	1,333 1,335 - -	1,263 – 1,263 – – – – –	1,383 1,370 - -	- - -	- - -	- - -	- - - -				- - -	- - -	- - - -	- - - -	- - - -	5 5 4 4	13 14 22 23	26 26 33 34	34 33 18 15	16 17 16 17	2 2 - -	2 2 4 4	2 2 4 4	
Tax Collectors Level I State and local government	6 6	40.0 40.0	533 533	- -		-					100 100		-				-	-			-					- -	

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996 — Continued

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² 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.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 13 percent at \$2,000 and under \$2,200; 16 percent at \$2,200 and under \$2,400; 18 percent at \$2,400 and under \$2,600; 16 percent at \$2,600 and under \$2,800; and 1 percent at \$2,800 and under \$3,000.

2000 and over

> _ _ _ _ _ _ _ _ -_ _ _ _ _ _ _

> > _

⁵ Workers were distributed as follows: 39 percent at \$2,000 and under \$2,200; 3 percent at \$2,200 and under \$2,400; 6 percent at \$2,400 and under \$2,600; 1 percent at \$2,600 and under \$2,800; and 1 percent at \$2,800 and under \$3,000.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars)²							F	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	/ (in dol	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ra	ange	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 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 900	900 - 1000	1000 - 1100	1100 - 1200
TECHNICAL OCCUPATIONS																											
Computer Operators Level I Private industry Service-producing industries	73 73 73	38.2 38.2 38.2	\$320 320 320	- - -	 	- - -	15 15 15	64 64 64	7 7 7	5 5 5	4 4 4	1 1 1	3 3 3	- - -	- - -	- - -	- - -	- - -	- - -		- - -	- - -	- - -	- - -	- - -		- - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	500 460 85 85 375 40	39.6 39.6 40.0 40.0 39.5 40.0	415 410 478 478 395 467	\$413 400 482 482 382 466	\$359 – 353 – 448 – 448 – 346 – 431 –	\$476 469 508 508 448 511	6 7 - 9 -	9 10 - 12 -	8 8 - 10 5	14 15 - 18 7	7 8 - 10 -	8 9 11 11 9 2	11 10 15 15 9 22	10 10 20 20 8 15	9 8 14 14 7 17	10 10 27 27 6 10	5 4 13 13 2 13	2 1 - 2 5	$\binom{3}{(3)}$ - $\binom{3}{(3)}$ 2	- - - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - - -		- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	341 316 130 130 186 25	39.8 39.8 40.0 40.0 39.7 39.7	552 551 577 577 533 564	544 544 560 560 530 538	505 - 502 - 531 - 531 - 475 - 520 -	598 596 620 620 590 620	- - - - -	- - - - -	- - - - -	- - - - -	1 2 - 3 -	3 - - 5 -	7 8 2 12 -	2 2 - - 3 -	10 9 3 13 16	14 13 15 15 12 24	15 15 22 22 11 16	25 26 31 31 23 12	14 14 16 16 12 16	3 2 1 1 3 16	5 5 12 12 1 -	- - - - -	1 1 - 2 -	- - - - -	- - - - -		- - - - -
Level IV Private industry	57 54	39.7 39.8	652 650				-	-			-	- -	- -		- -		2 -	32 33	19 20	23 24	11 11	12 9	-	2 2	-		
Drafters Level I: State and local government	11	40.0	427	-		_	-	-	_	-	-	45	36	18	-	-	-	-	_	-	_	-	-	-	_	_	_
Level II Private industry Goods-producing industries State and local government	253 217 160 36	40.0 40.0 40.0 39.9	498 499 503 494	487 481 465 493	462 - 462 - 462 - 478 -	500 500 509 521	- - - -	- - - -	- - - -	- - - -	1 - - 8	5 6 7 –	2 1 - 11	35 41 46 -	21 17 21 47	16 18 3 8	3 1 2 11	6 5 4 11	4 5 7 -	7 8 11 3	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries	187 179 128 126 51	40.0 40.0 40.0 40.0 40.0	608 605 599 599 620	608 596 586 586 -	560 – 558 – 553 – 553 – – –	644 636 650 650	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -	9 9 11 11 4	5 5 7 7 -	35 36 44 44 18	29 30 14 13 71	21 18 24 25 2	2 2 - - 6	- - - -	- - - -	- - - -	- - - -		- - - -
Level IV Private industry Goods-producing industries Manufacturing	146 146 142 142	40.0 40.0 40.0 40.0	696 696 696 696	679 679 679 679	648 - 648 - 645 - 645 -	739 739 739 739	- - - -	- - - -	- - - -	- - - -	- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	8 8 8 8	26 26 27 27	26 26 27 27	18 18 16 16	6 6 6	11 11 11 11	5 5 5 5	- - - -		- - - -

Table A-2. All establishments: N	Weekly	hours	and pay of technical and prote	ective service occupations, Cleveland-Akron, OH, August 1996 — Continued
		Average	Weekly pay (in dollars) ²	Percent of workers receiving straight-time weekly pay (in dollars) of—

	Number	Average			kly pay ollars) ²				_		_	l	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	ly pay	(in dolla	ars) of-	-					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle r	ange	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 - 600	600 - 650	-	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200
Engineering Technicians Level II	148 139 139 487 455	40.0 40.0 40.0 40.0 40.0 40.0	\$510 505 502 502 631 630	\$515 511 508 508 636 635	\$476 – 464 – 464 – 464 – 558 – 555 –	535 670 670						11 13 13 13 -		13 14 14 14 3 4	18 18 19 19 3 3	21 22 24 24 5 5	16 16 17 17 8 9	15 9 6 6 17 18	5 5 5 22 21	5 5 5 22 21	2 3 2 2 26 25	- - - 3 4	- - - 5 5	- - - 5 5	- - - 2 2			
State and local government Level IV Private industry Goods-producing industries Manufacturing	32 492 490 361 361	40.0 40.0 40.0 40.0 40.0	636 751 751 750 750	642 749 749 749 749 749	619 – 700 – 700 – 700 – 700 –		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	9	- - - -	9 2 2 2 2 2	38 11 11 11 11	11 11 11	44 7 7 8 8	- 32 32 32 32	- 22 22 24 24 24	- 6 4 4	- 10 10 5 5	- 10 10 14 14		- - - -
Level V Private industry Service-producing industries	152 151 102	40.0 40.0 40.0	881 881 893	868 868 890	785 – 785 – 809 –	952 952 960		- - -	- - -		- - -	- - -	- - -	- -	- - -	- - -	- - -	- - -		-	1 1 1	13 13 8	14 15 11	11 11 17	22 22 18	24 23 30	11 11 10	5 5 6
Engineering Technicians, Civil Level I: State and local government	26	39.6	448	489	367 –	497	-	-	_	31	4	-	_	8	50	8	-	_	-	-	-	_	_	_	-	_	-	-
Level II State and local government	56 28	40.0 40.0	470 499	- 495	 455 _	_ 530		4 -		4 -	14 -	7 7		25 36	14 14	11 14	7 7	14 21			- -	-						- -
Level III State and local government		40.0 40.0	608 623	632 641	560 - 596 -	650 653	-	-					-	-	2 3	3 2	11 3	25 19	34 42		25 30	1 1		-	-		-	-
Level IV State and local government PROTECTIVE SERVICE OCCUPATIONS	88 37	39.9 39.7	734 701	746 _	710 – – –	772 -								-				1 3	10 24		9 22	32 24	41 22	3 5	1 -	2 -	-	-
Corrections Officers State and local government	1,958 1,958	40.0 40.0	467 467	471 471	373 – 373 –					30 30	2 2	5 5	1 1	14 14	15 15	6 6	8 8	18 18	$\binom{3}{3}$		$\binom{3}{3}$							
Firefighters State and local government	1,723 1,723	50.4 50.4	727 727	738 738	717 – 717 –		-	-			-	-		-	$\binom{3}{3}$		-	1 1	11 11		10 10	52 52	13 13	12 12	-			
Police Officers Level I State and local government	4,562 4,468	40.0 40.0	692 693	702 702	643 - 643 -	740 740						(³) (³)	(3) (3)	(3) (3)	2 2	1 1	1 1	6 5	25 25		7 7	35 36	13 13	9 10			-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² 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 the top the set of the set of the set.

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars) ²							F	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	ı (in dolla	ars) of–	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	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 Level I Private industry Service-producing industries State and local government	116 107	39.5 39.6 39.6 39.1	\$314 298 297 377	\$300 300 300 373	290	- \$336 - 318 - 315 - 403	- - - -	4 5 6 –	12 16 14 –	9 10 11 3	41 49 50 10	17 18 17 14	6 2 2 24	3 - - 17	4 - - 21	1 - - 3	1 - - 7	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -		- - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,387 406 391 981	39.8 39.9 40.0 40.0 39.8 39.7	387 383 389 388 388 380 418	385 380 370 367 386 435	0000	- 412 - 415 - 419 - 412	- - - -	- - - -	3 3 (³) 1 4 -	5 5 8 4 1	8 9 3 3 11 1	9 9 12 13 8 9	19 19 29 30 15 21	14 15 10 9 17 7	18 19 15 12 21 8	9 7 4 9 22	5 4 6 3 16	7 6 5 5 7 13	2 2 4 5 1 3	1 1 4 4 - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,137 572 534 565	39.6 39.6 39.9 39.8 39.4 39.4	460 453 464 468 442 490	454 450 460 464 436 495		- 494 - 510 - 510 - 476	- - - - -	- - - - -	- - - - -	- - - - -	1 1 2 2 1 _	2 2 4 4 - 1	6 7 2 2 11 3	9 10 11 12 9 5	12 14 12 7 16 4	15 15 10 11 20 11	16 16 15 16 17 18	12 12 12 11 12 12 12	16 13 17 18 9 28	9 8 11 12 4 17	1 1 2 (³) 1	1 1 2 (³)	(³) - - - 1	- - - -	- - - - -		- - - - -
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	383 116 115	39.8 39.9 40.0 40.0 39.9 39.4	567 567 598 598 554 566	556 556 615 615 556 582	581 580	- 615 - 622 - 617 - 590	- - - - -	- - - -	- - - -	- - - - -	- - - -	- - - -	1 2 - 2 -	1 2 - 2 -	(³) - - - 1	3 3 - 4 4	9 9 9 10 9 6	10 8 2 2 11 18	12 13 12 12 13 10	27 26 8 34 31	24 26 53 54 13 13	8 6 10 10 4 16	2 2 5 5 (³)	- - - -	4 4 - - 6 -		- - - - -
Clerks, General Level I Private industry Service-producing industries		38.3 38.3 38.2	249 249 250	240 240 231	220 220 220	- 260	40 40 44	13 13 7	27 27 28	10 10 11	3 3 4	3 3 3	2 2 2	1 1 2	- - -	- - -		- - -	- - -		- - -	- - -	- - -	- - -	- - -	- -	- - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	990 157 116 833	39.8 39.8 40.0 40.0 39.7 39.9	336 319 309 310 320 370	330 311 308 308 315 378	287 287	- 350 - 320 - 320 - 356	- - - -	2 4 - 4 - 4 -	10 15 15 13 15 -	15 20 18 16 20 5	21 26 47 53 22 13	12 11 5 7 12 15	13 14 13 9 15 10	17 4 - 4 44	4 3 - 4 4	3 3 - 3 2	1 1 - 1 1	1 - - - 2	2 1 1 2 1 3	- - - - -	- - - -	- - - -	- - - - -	- - - -	- - - - -		- - - - -
Level III Private industry:		39.4	435	420	375		-	-	1	1	3	9	12	10	19	14	14	4	6	(3)	-	8	-	-	-	-	-
Goods-producing industries Manufacturing State and local government	93	40.0 40.0 39.1	397 397 436	360 360 435	360 360 410	- 435		- - -	- - -	- (³)	- (³)	1 1 7	54 54 2	- - 12	- - 23	37 37 13	8 8 24	- - 8	1 1 10	- - 1	- - -	- - -	- - -	- - -	- - -		- - -
Level IV Private industry Goods-producing industries Service-producing industries State and local government	82 556	39.8 40.0 40.0 39.9 39.5	498 499 491 500 497	482 478 468 482 497	433 422 468 410 470	- 542 - 468 - 553	- - - -	- - - -	- - - -	- - - -	2 2 - 3 -	3 4 1 4 –	5 7 - 8 1	5 5 1 6 2	8 8 1 9 7	8 7 10 6 10	14 16 66 9 6	20 17 4 19 28	15 9 5 9 33	2 2 4 2 4	13 15 1 17 8	1 1 1 -	$\binom{3}{(3)}$ $\binom{-}{(3)}$ $\binom{-}{-}$	2 2 6 1 -	3 5 - 5 -		- - - -

		Average			kly pay Iollars)²							I	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	/ (in dol	lars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (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, Order				***	0045	* • -- •						1.0	_	10													
Level I		40.0	\$333	\$327	\$315	- \$378	-	-	-	25	25	18	7	16	10	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	. 134	40.0	333	327	315	- 378	-	-	-	25	25	18	7	16	10	-	-	-	-	-	-	-	-	-	-	-	-
Level II	161	40.0	454	451	423	- 488	_	_	_	_	_	_	_	3	29	16	20	12	19	_	_	_	_	_	_	_	_
Private industry		40.0	454	451		- 488		_			_		_	3	29	16	20	12	19		_		_	_	_	_	
Goods-producing industries		40.0	454	451		- 488		_			_		_	3	29	16	20	12	19		_			_	_		
Manufacturing		40.0	454	451	423	- 488	_		_	_		_	_	3	29	16	20	12	19	_		1 -	1 -				
	101	40.0	404	451	423	- 400	-	-	-	-	-	-	-	3	29	10	20	12	19	-	-	-	-	_	-	-	-
Key Entry Operators																											
Level I	1,180	39.8	302	281	263	- 339	_	9	27	23	11	11	10	2	1	4	1	-	(3)	-	-	-	-	- 1	- 1	-	- 1
Private industry		39.8	292	280	259	- 320	_	10	31	26	11	9	10	2		(3)	(3)	_	`_'	_	_	_	_	_	_	_	L _
Goods-producing industries		39.5	365				_	_	_	3	<u> </u>	17	61	6	13	`_′	`_′	_	l _	_	_	_	_	_	_	_	L _
Manufacturing		39.5	359	_	_		_	_	_	4	-	20	70	7	-	-	_	_	_	_	_	_	_	_	_	_	L _
Service-producing industries		39.9	288	280	257	- 309		11	33	27	11	9	7	1	(3)	$(^{3})$	1	_		_				_			
				368	339		_	_	- 33			26	7	4	4	38	1		1				_			-	1 -
State and local government	130	39.6	380	300	339	- 434	-	-	-	3	15	20		4	4	30	'	-		-	-	-	-	-	-	-	-
Level II	353	39.0	391	376	337	- 420	_	_	_	_	17	11	19	18	9	6	7	2	6	2	1	1	_	_	_	_	_
Private industry		39.0	377	366	332	- 397		_			19	12	22	22	9	5	6	1	(3)	(3)			_	_	_	_	
Goods-producing industries		39.5	415		552			_	_	_	_	3	12	37	15	19	8	<u> </u>	`_'	· _ ′	3	4	_	_	_	_	
		39.5	415		-			_			_	3	12	38	15	18	8				3	4	_			_	
		38.9	363	360	324	- 392		_			26	16	26	17	7	$\binom{10}{(3)}$	5	2	(3)	(3)	_	(3)	_		_	-	
Service-producing industries			447		324	- 515		_				6	20	3		10	11		30			(-)	_			-	-
State and local government		38.9	447	454	307	- 515	-	-	-	-	10	0	°	3	''	10		4	30	'	-	-	-	-	-	-	-
Personnel Assistants (Employment)																											
Level II	58	39.6	408	_	_		_	_	_	_	_	7	3	41	19	14	7	5	3	_	_	_	_	_	_	_	L _
Private industry		39.6	400	-	_		-	_	_	-	-	7	2	44	20	13	7	5	2	-	-	-	_	_	_	-	- 1
· ···ate inducity		00.0											-					Ŭ	-								
Level III:																											
State and local government	19	39.9	523	511	486	- 571	_	_	-	_	_	_	_	_	5	5	5	26	16	42	_	_	_	- 1	_	_	L _
etate and local gereinnent internet		00.0	020			0									Ŭ	Ŭ	Ŭ										
Level IV:																											
State and local government	17	40.0	662	683	630	- 699	_	_	_	_	_	_	_	_	_	_	_	_	6	12	12	47	24	_	_	_	L _
etate and leed gevenment initial			002			000													Ŭ								
Secretaries																											
Level I	142	38.9	383	369	338	- 429	_	_	1	4	7	20	24	7	12	12	6	6	2	-	-	_	_	- 1	- 1	_	L _
Private industry		38.8	377	365	338	- 406	_	_	2	4	8	21	24	8	13	13	2	5	2	-	_	_	_	_	_	_	L _
Service-producing industries		38.7	377	364	338	- 409	_	-	2	4	8	23	21	8	11	14	2	6	2	-	-	-	_	_	_	_	- 1
3			-								-			-													
Level II	1,334	39.9	490	488	424	- 546	-	-	_	(3)	(3)	1	6	9	9	7	10	16	23	12	2	3	2	(3)	-	-	-
Private industry		39.9	496	476	413	- 558	_	_	-	(³)	(³)	(3)	5	15	12	9	8	11	11	14	3	7	5	l`1	- 1	-	- 1
Goods-producing industries		40.0	538	516		- 693	-	_	_	\`_'	\`_'	\`_'	1	13	13	15	4	3	4	13	3	15	13		_	_	-
Manufacturing		40.0	538	516	421	- 693	-	_	_	-	-	_		13	13	15	4	3	4	13	3	15	13		_	-	- 1
Service-producing industries		39.9	473	476	404	- 535		_		1	1	(3)	7	16	11	6	9	16	15	14	3	2	_	<u>'</u>	_	_	
State and local government		39.9	487	494	450	- 544	_	_	_	<u>'</u>	<u> </u>	2	6	5	7	5	12	20	31	11		(3)	(3)	(3)	_	-	- 1
	1		,			011						- 1		Ĭ	·	Ĭ			Ŭ.		·						
Level III	1,424	39.6	556	555	496	- 609	-	_	-	-	_	(3)	(³)	2	2	2	6	14	21	23	19	5	5	1	(³)	(³)	-
Private industry	1,019	39.6	555	552	488	- 615	-	-	_	-	-	(³)	(3)	2	3	3	7	15	20	16	25	3	5	1	<u>`</u> _′	<u>`</u> 1	_
Goods-producing industries		40.0	578	557	510	- 635	-	_	_	-	-	\`_'	l`1	5		3	6	7	26	13	17	4	12	3	_	2	_
Manufacturing		40.0	578	557	510	- 635		_			_			5		3	6	7	26	13	17	4	12	3	_	2	
Service-producing industries		39.5	544	551		- 606		_			_	(3)	(3)	1	3	2	8	19	16	18	28	3	1		_	L _	
State and local government		39.5	559	562	502	- 588	L _	_	_	_	_	`_′	$\binom{3}{3}$	$(^{3})$	1	2	4	11	24	39	3	9	6	_	(³)	(³)	_
	1 700	1 00.0	1 000	1 002	1 002	000	1	1	1	1	1	1		()	· ·	- 1		1	1	1 00	1	1		1			1

Table A-3. All establishments: Week	v hours and pay of clerical occu	pations, Cleveland-Akron, OH, August 1996 —	Continued

		Average			kly pay Iollars)²							I	Percent	of work	ers rece	eiving st	raight-t	ime wee	ekly pay	ı (in dolla	ars) of–	-					
Occupation and level	Number of workers	weekly hours ¹ (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 IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	208	39.8 39.8 40.0 40.0 39.6 39.7	\$615 621 607 633 587	\$614 623 607 607 637 598	\$550 – 557 – 570 – 570 – 546 – 521 –	\$669 673 658 658 709 647		- - - - -	- - - - -			- - - - -	- - - -		(³) (³) - (³) -	2 3 4 4 2 1	3 2 1 1 3 9	3 2 3 3 2 8	16 16 13 13 19 13	20 18 25 25 12 29	19 19 21 21 18 19	19 20 23 23 18 12	10 10 5 5 14 8	5 7 3 9 –	2 2 2 2 3 -		$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ - $\begin{pmatrix} 3 \\ - \\ 3 \end{pmatrix}$ -
Level V Private industry Goods-producing industries Manufacturing	148	39.9 39.9 40.0 40.0	768 772 777 777	773 773 776 776	702 – 711 – 702 – 702 –	827 827 827 827		- - - -	- - -	- - - -	- - - -	- - -	- - -		- - -	- - -	- - -	1 - - -	1 1 - -	1 1 - -	9 9 9 9	9 8 7 7	21 21 22 22	16 16 13 13	26 26 28 28	12 12 13 13	6 6 7 7
Switchboard Operator-Receptionists Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	983 273 255	39.8 39.8 40.0 40.0 39.7 39.5	354 353 363 366 349 371	344 344 346 346 340 358	320 – 320 – 337 – 337 – 312 – 322 –	391 390 388 390 391 430	1 1 - 1 1 -	3 3 1 1 4 1	3 4 1 1 5 2	8 8 3 4 10 -	15 13 11 7 14 33	27 29 44 45 23 7	14 14 13 14 15 15	5 5 3 4 5 10	6 7 2 8 4	10 9 15 16 7 15	4 3 4 4 3 10	3 3 3 3 3 1	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} - \\ - \\ 3 \end{pmatrix}$ 1	- - - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - -
Word Processors Level I Private industry Service-producing industries State and local government		39.8 39.7 39.7 40.0	397 368 368 451	400 - - 444	354 – – – – – 433 –	433 - 490		- - - -	- - - -	3 5 5 –	1 2 2 -	20 31 31 -	15 21 21 3	3 3 3 3	28 34 34 18	15 3 3 36	3 2 2 6	7 - - 21	4 - - 12	- - - -	- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level II Private industry Service-producing industries State and local government	395 131 110 264	39.9 39.7 39.7 40.0	485 481 474 486	490 476 453 493	451 - 410 - 404 - 459 -	537 543 550 536		- - - -	- - -	- - - -	1 - - 1	5 2 2 7	1 - - 1	7 15 17 3	6 12 13 3	5 11 13 3	19 11 13 23	11 5 5 15	30 24 11 33	15 20 24 13	1 2 2 -	- - -	(³) 1 1 -	- - - -	- - - -	- - -	- - -
Level III State and local government	69 42	39.4 40.0	545 498	_ 515	 486 _	_ 531			-			-	1 2	4 7	1 2	3 2	3 5	13 17	41 64	4 _	23 _	1 _	1 _	3			-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

or compute means, medians, and middle ranges. ³ Less than 0.5 percent.

² 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, Cleveland-Akron, OH, August 1996

	Number			rly pay Iollars) ¹									Percent	of work	ers rec	eiving s	traight-t	time hou	urly pay	(in dolla	ars) of–	_						
Occupation and level	of workers	Mean	Median	Middl	e range	Under 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 11.00	11.00 _ 12.00	-	13.00 	-	-	16.00 _ 17.00	-	18.00 	19.00 	20.00 	-	22.00 	23.00 _ 24.00	24.00 and over
General Maintenance Workers Private industry Goods-producing industries Manufacturing Service-producing industries	1,620 1,187 365 365 822	\$10.79 10.45 11.76 11.76 9.87	\$11.50 10.64 12.36 12.36 9.09	11.05 7.75	- \$12.66 - 12.36 - 12.36 - 12.36 - 12.50	3 4 2 2 5	5 6 - 9	4 5 (²) (²) 7	4 6 - - 8	5 7 3 3 9	5 7 4 9	8 3 - - 4	3 4 - 5	8 8 15 15 5	7 6 5 5 7	27 27 56 56 15	15 13 12 12 14	3 2 - - 3	$\binom{2}{2}$ $\binom{2}{-}$ $\binom{2}{-}$		(²) (²) (²) (²) -	(²) (²) 1 1 -	- - - -	- - - -		- - - -		
State and local government Maintenance Electricians Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	433 1,999 1,894 1,637 1,605 257 105	11.72 19.61 19.64 19.72 19.75 19.12 19.02	12.21 20.96 20.96 22.10 22.10 20.59 19.00	16.97 16.97 16.82	 13.52 22.18 22.18 22.18 22.18 20.59 22.70 	- - - - -		2	- - - - -	- - - - -	1 - - - - -	23 - - - - - -	3	7 (²) - - - 4	10 (²) (²) (²) (²) (²) (²)	24 1 1 1 - 3	22 3 3 4 4 (²) 4	7 3 2 3 3 (²) 11	1 9 8 8 12 18	- 13 13 13 13 13 6	- 5 6 5 2 -	- 3 2 1 12 -	4 3 4 4 1 6	- 8 9 1 1 58 -	- 1 1 1 (²)	- 48 49 57 58 - 36	- - - - 10	- (²) (²) - 1 3
Maintenance Electronics Technicians Level I: State and local government	30	14.64	15.11		- 15.97	-	-	_	_	_	-	-	-	-	-	30	_	13	33	23	-	-	-	-	_	-	-	-
Level II Private industry Service-producing industries State and local government	391 317 143 74	15.56 15.18 16.11 17.17	15.47 13.93 16.54 17.74	13.85 15.16	- 16.63 - 16.48 - 17.18 - 18.57	- - -		- - - -	- - - -	- - - -	- - -	- - -		- - -	1 - - 3	- - - -	44 53 22 4	2 1 2 4	13 12 20 19	19 20 29 14	9 7 15 19	9 5 12 26	2 (²) 1 9	1 1 - -	1 1 - -	1 - - 3		- - -
Level III Private industry Goods-producing industries Manufacturing	200 196 128 128	19.97 20.08 19.88 19.88	21.35 21.46 21.52 21.52	18.33 18.33 18.33 18.33	- 21.52 - 21.52 - 21.52 - 21.52	- - -	- - -	- - - -	_ _ _ _	- - - -	- - -	- - - -		- - -	- - -	(²) _ _ _	- - - -	1 1 - -	2 2 1 1	2 2 - -	16 17 23 23	13 14 18 18	4 4 2 2	8 8 - -	42 43 56 56	7 8 - -	2 3 -	- - -
Maintenance Machinists Private industry Goods-producing industries Manufacturing	466 443 441 439	18.39 18.52 18.51 18.51	18.64 18.64 18.64 18.64	17.70 18.64 18.64 18.64	- 19.13 - 19.13 - 19.13 - 19.13 - 19.13	- - - -	- - -	- - - -	- - - -	- - - -	- - -	- - -		- - -	- - -	- - - -	7 7 7 7	3 3 3 3	6 2 2 2	9 10 10 10	3 2 2 2	33 35 35 35	29 30 30 30	- - -	- - - -	11 11 11 11		- - -
Maintenance Mechanics, Machinery Private industry Goods-producing industries Manufacturing	2,529 2,515 2,173 2,173	18.03 18.04 17.85 17.85	18.94 19.02 16.72 16.72	14.53 14.45	- 22.10 - 22.10 - 22.10 - 22.10	- - - -	- - -	- - - -	- - - -	- - - -	- - -	- - - -	$\binom{2}{2}$ $\binom{2}{2}$ $\binom{2}{2}$	1 1 1 1	2 2 2 2	5 5 6 6	13 13 13 13	11 11 12 12	7 7 8 8	7 7 8 8	1 1 2 2	3 3 2 2	4 4 5 5	11 11 1 1	6 6 7 7	28 28 33 33		- - -
Maintenance Mechanics, Motor Vehicle Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,910 1,288 268 264 1,020 622	16.98 17.57 19.19 19.18 17.14 15.75	16.92 17.10 21.85 21.85 16.92 16.06	14.65 16.50	- 18.49 - 18.49 - 21.88 - 21.88 - 18.49 - 16.63	- - - -		- - - -	- - - -	- - - -	- - - -	- - - -		1 - - 1 (²)	1 1 1 (²) 1	2 1 1 1 1 2	8 8 8 8 8 8	9 5 15 15 3 18	8 3 - 3 19	33 30 6 6 37 38	5 2 3 3 2 12	18 26 (²) - 33 -	3 4 1 1 5 2	4 7 12 11 5 -	7 11 53 53 (²) -	$\begin{pmatrix} 2 \\ 2 \\ (2 \\ 2 \\ (2 \\ (2 \\ (2 \\ (2 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ $		- - - -
Maintenance Pipefitters Private industry Goods-producing industries Manufacturing State and local government	678 670 659 659 8	20.31 20.31 20.33 20.33 20.42	21.88 21.88 21.88 21.88 -	19.10 19.10 19.10 19.10 -	- 21.88 - 21.88 - 21.88 - 21.88 - 21.88 	- - - -		- - - -	- - - -	- - - -		- - - -		(²) - - 25		- - - -	- - - -		12 12 12 12 -	1 1 1 -	8 8 8 -	2 2 (²) (²) -	9 9 9 -	- - - -	66 67 68 68 -	$\begin{pmatrix} 2 \\ 2 \\ (^2) \\ (^2) \\ (^2) \\ - \end{pmatrix}$	1 - - 75	- - - -

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Cleveland-Akron, OH, August 1996 — Continued

	Number			rly pay ollars) ¹									Percent	of work	kers rec	eiving s	traight-t	ime hou	urly pay	(in dolla	ars) of—	-						
Occupation and level	of workers	Mean	Median	Middle rar	ige	Under 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	-	-	-	-	-	-	-	-	-	16.00 - 17.00	-	-	-	-	-	-	-	and
Tool and Die Makers Private industry Goods-producing industries Manufacturing	2,438 2,438	\$17.11 17.11 17.11 17.11	\$15.60 15.60 15.60 15.60	\$15.13 – 15.13 – 15.13 – 15.13 – 15.13 –	\$18.92 18.92 18.92 18.92 18.92						- - -				1 1 1	1 1 1	1 1 1 1	8 8 8 8	44 44 44 44	13 13 13 13	5 5 5 5	1 1 1	1 1 1	$\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}$		23 23 23 23 23	- - -	

¹ 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.

² Less than 0.5 percent.

Table A-5. All establishments: Hourly pay of material movement and custodia	al occupations, Cleveland-Akron, OH, August 1996
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				rly pay Iollars) ¹								I	Percent	of work	ers rec	eiving s	traight-f	ime hou	urly pay	(in dolla	ars) of–	_						
Occupation and level	Number of workers	Mean	Median	Middl	e range	4.25 and under 4.50	4.50 - 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 - 9.50	9.50 - 10.00	-	-	12.00 	13.00 	14.00 	-	16.00 _ 17.00	17.00 _ 18.00	-	-	20.00
Forklift Operators Private industry Goods-producing industries Manufacturing Service-producing industries	2,617 1,845	\$13.39 13.39 13.71 13.70 12.62	\$12.37 12.37 12.42 12.42 12.42 11.65	11.38 9.90 9.88	- \$15.68 - 15.68 - 19.01 - 19.01 - 14.70	- - - -	- - - -	- - -	- - - -		2 2 2 2 -	1 1 1 _	1 1 2 2 -	1 1 1 1 -	10 10 14 14 -	2 2 2 2 (²)	2 2 3 3 -	5 5 7 7 1	20 20 2 2 62	13 13 17 17 5	2 2 3 3 -	15 15 8 8 31	3 3 5 5 1	(2) (2) (2) - -	1 1 1 (²)	(²) (²) 1 1 (²)	21 21 29 29 -	(2) (2) 1 -
Guards Level I Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	3,528 3,327 77 77 3,250 201	6.57 6.28 13.58 13.58 6.11 11.37	6.00 6.00 - - 6.00 11.83	5.50 5.50 - 5.50 10.69	- 7.00 - 6.75 - 6.50 - 12.26	(²) (²) - (²) -	7 7 - 8 -	16 17 - 17 -	19 20 - 20 - 20 -	20 22 3 3 22 -	12 13 - 13 13 -	10 10 - 10 4	3 3 - 3 - 3	2 2 - 3 -	1 - - 1 -	2 2 - 2 10	(²) (²) 1 (²) -	1 (²) 3 3 (²) 16	3 1 31 31 (²) 33	2 - - 33	$\binom{2}{2}$ $\binom{2}{-}$ $\binom{2}{-}$ $\binom{2}{-}$ 3	1 1 30 30 -	(²) (²) 17 17 - -	(²) (²) 16 16 -	- - - - -	- - - - -	- - - - -	- - - -
Level II Private industry Service-producing industries State and local government	558 262 212 296	11.63 12.43 11.90 10.91	11.32 12.65 11.90 11.32	10.42	- 13.17 - 13.33 - 13.30 - 11.32	- - -	- - -	- - -	- - -	- - -	- - -		- - -	1 2 2 -	1 3 3 -	25 6 7 41	4 10 10 -	6 8 10 4	27 17 20 35	9 11 9 6	17 31 33 4	5 1 1 8	1 2 3 -	1 2 2 -	1 3 - -	1 1 - -	1 2 - -	1 1 - -
Janitors Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	12,027 10,125 865 864 9,260 1,902	7.65 7.12 13.35 13.35 6.54 10.45	6.50 6.00 13.45 13.45 6.00 10.29	9.87 9.87 5.25	- 9.21 - 8.05 - 18.67 - 18.67 - 7.50 - 11.65	$\begin{pmatrix} 2 \\ 2 \end{pmatrix} \\ \begin{pmatrix} 2 \\ - \\ - \\ (2) \\ - \end{pmatrix} \\ - \end{pmatrix}$	3 4 - 4 - 4 -	22 26 - 28 -	14 16 1 1 17 (²)	10 12 - 13 (²)	5 6 (²) (²) 6 1	5 5 4 5 3	6 6 2 6 6	5 5 1 1 5 5	4 6 3 8	4 3 8 3 11	4 2 4 4 1 15	7 5 5 5 5 18	3 1 2 2 1 14	2 1 9 (²) 8	3 3 28 28 (²) 3	1 (²) 1 (²) 7	$ \begin{array}{c} \binom{2}{2} \\ \binom{2}{1} \\ 1 \\ \binom{2}{2} \\ 2 \end{array} $	$\binom{2}{2}$ $\binom{2}{3}$ $\binom{2}{2}$ $\binom{2}{-}$	$\begin{pmatrix} 2 \\ 2 \\ (2 \\) \\ (2 \\) \\ (2 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ $	2 26 26 (²) -	- - - -	- - - -
Material Handling Laborers: Private industry: Goods-producing industries Manufacturing	591 591	13.97 13.97	13.86 13.86	9.21 9.21	- 19.11 - 19.11							3 3	4 4	3 3		37 37		2 2			2 2		(²) (²)			3 3	46 46	
Order Fillers: Private industry: Goods-producing industries Manufacturing Service-producing industries	137 137 4,130	10.10 10.10 9.34	10.25 10.25 10.15		- 12.02 - 12.02 - 11.65		- - -	- -	5 5 –	5 5 23	- - 9	- - 2	8 8 9	13 13 1	5 5 2	- - 1	5 5 3	16 16 9	5 5 34	36 36 3	- - (²)	- - 4		- - -	1 1 -	- - -	- - -	
Shipping/Receiving Clerks Private industry Goods-producing industries Manufacturing Service-producing industries		11.44 11.43 11.60 11.59 11.16	11.50 11.50 10.17 10.17 11.65	9.48 9.48 9.00 9.00 9.95	- 12.76 - 12.76 - 13.48 - 13.48 - 11.65	- - - -	- - - -	- - - -	1 1 1 -	1 1 1 -	4 4 5 5 1	2 2 4 4 (²)	4 4 7 7 (²)	$\begin{pmatrix} 2 \\ 2 \\ 2 \end{pmatrix}$ $\begin{pmatrix} 2 \\ 2 \end{pmatrix}$ $\begin{pmatrix} 2 \\ 2 \end{pmatrix}$	6 6 6 7	11 12 15 15 5	6 6 2 2 13	9 9 13 13 2	27 27 7 7 60	6 6 6 8	10 10 16 16 1	1 (²) (²) 3	- - - -	1 1 1 -	1 1 1 -	(²) (²) (²) (²) –	8 8 13 13 –	$\begin{pmatrix} 2 \\ 2 \\ (2 \\ 2 \\ (2 \\ 2 \\ (2 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ + \\ - \\ + \\ +$

				rly pay ollars)¹									Percent	of work	ers rec	eiving s	traight-f	ime hou	ırly pay	(in dolla	ars) of–	_						
Occupation and level	Number of workers	Mean	Median	Middle	e range	4.25 and under 4.50	4.50 - 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 - 9.50	9.50 - 10.00	10.00 - 11.00	-	12.00 - 13.00	13.00 	-	15.00 _ 16.00	16.00 - 17.00	17.00 - 18.00	-	-	-
Truckdrivers Light Truck Private industry Goods-producing industries Service-producing industries State and local government	609 601 93 508 8	\$9.27 9.22 9.04 9.26 12.68	\$9.03 8.75 10.17 8.75 -	8.00 7.00	- \$10.20 - 10.17 - 10.17 - 10.20 	- - - -	- - - -	- - - -	- - - -	7 7 - 8 -	2 2 6 1 -	9 9 19 7 –	7 7 10 7 -	6 6 6 -	19 20 - 23 -	3 3 - 4 -	7 7 - 8 -	19 19 57 12 -	5 5 - 25	15 14 - 17 50	- - - -	(²) - - 25	- - - -		(²) (²) 1 -		- - - -	- - - -
Medium Truck: Private industry: Goods-producing industries Manufacturing State and local government	361 338 14	12.59 12.79 12.73	11.45 12.00 -	9.48	- 16.23 - 16.23 										8 8 -	18 20 -	14 8 -	5 5 36	6 7 7	14 15 -	2 2 14	- - 43	5 5 -	10 11 -	3 3 -	14 15 -		
Heavy Truck Private industry: Goods-producing industries Manufacturing Service-producing industries State and local government	2,272 827 722 1,061 384	13.55 13.62 13.28 13.25 14.22	13.26 13.65 13.65 12.66 13.26	12.58 12.58 9.65	- 15.67 - 13.85 - 13.80 - 18.16 - 15.67	-	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	18 - - 39 (²)	4 2 2 7 -	1 - - 3 -	17 31 36 11 -	28 47 54 4 52	4 7 7 - 9	11 12 - 39		- - - -	17 1 - 35 -	- - - -	- - - -
Tractor Trailer Private industry Goods-producing industries Manufacturing Service-producing industries	2,683 2,682 224 205 2,458	15.89 15.89 15.88 15.64 15.89	16.92 16.92 15.28 15.09 16.92	14.00 12.53 12.53	- 16.92 - 16.92 - 20.22 - 20.22 - 16.92		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	5 5 9 10 4	2 2 9 1	11 11 9 10 11	7 7 12 13 7	7 7 4 4 7	11 11 15 13 11	42 42 1 1 45	1 1 3 3 1	- - - -	4 4 6 1 4	10 10 32 34 8
Warehouse Specialists Private industry Goods-producing industries Manufacturing State and local government	2,902 2,797 1,227 1,194 105	13.38 13.42 12.54 12.45 12.42	13.10 13.10 12.26 12.26 11.94	11.35 11.12 11.12	- 16.47 - 16.47 - 13.55 - 13.55 - 14.58	-	_ _ _ _	_ _ _ _	_ _ _ _	(2) (2) - - -	(2) (2) 1 1 -	2 2 1 2 -	2 (²) (²) –	2 3 2 2 -	2 2 4 4	3 2 3 3 11	2 2 3 3 9	8 10 10 21	15 15 18 18 11	12 12 21 22 15	12 12 18 19 4	10 11 (²) 1 4	2 2 2 -	8 7 17 17 25	$\binom{2}{2}$ $\binom{2}{2}$ $\binom{2}{2}$ $\binom{2}{2}$	18 19 (²) (²) –		- - - -

¹ 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.

² Less than 0.5 percent.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars) ²								Percent	of work	ers rec	eiving st	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ra	ange	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
PROFESSIONAL OCCUPATIONS																											
Accountants Level I Private industry	103	39.7 39.7 39.9 39.9 39.9 39.5	\$540 539 561 561 517	\$523 512 - - -	\$485 485 	\$594 594 - - -	1 1 - - 2	12 12 13 13 10	20 20 2 2 39	25 25 29 29 29 22	24 24 33 33 16	9 9 12 12 6	8 7 8 8 6		2 2 4 4				- - - -			- - - -		- - - -			
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	152 151 104	39.7 39.7 39.6 39.6 39.7 40.0	663 676 719 719 613 562	633 644 673 673 599 551	577 – 588 – 625 – 625 – 548 – 522 –	713 733 788 790 659 608	- - - -	- - - -	4 2 - 5 18	13 13 7 21 21	16 14 8 24 30	25 25 28 28 21 24	13 14 14 14 14 14 6	8 9 9 9	6 7 10 10 2 -	3 4 5 5 1 -	5 6 9 2 -	3 4 5 5 1	2 2 3 - -	1 1 2 2 -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	366 238 237 128	39.7 39.7 39.8 39.8 39.5 39.9	789 798 812 812 771 719	791 798 813 813 770 720	703 – 713 – 721 – 721 – 681 – 663 –	864 872 872 872 872 842 789	- - - -	- - - -	- - - - -	- - - - -	2 2 1 1 2 4	8 7 5 5 11 17	14 12 10 10 17 23	15 14 15 15 12 21	16 16 13 13 23 19	15 15 17 17 12 11	14 16 19 19 10 –	12 13 15 15 10 4	3 4 4 3 -	1 1 1 -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - - -
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	152 152 86	39.7 39.7 39.8 39.8 39.6 39.6	987 989 966 966 1,029 954	946 949 932 932 1,019 -	895 – 895 – 876 – 876 – 952 – – –	1,075 1,075 1,033 1,033 1,118 -	- - - -	- - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - -	1 - - 2 -	2 1 - 2 20	10 11 15 15 2 10	15 14 18 18 8 20	34 35 38 38 30 10	20 21 18 18 26 10	11 11 5 5 20 20	5 5 5 5 5 10	2 2 1 1 5 -	(³) (³) 1 1 -	(³) (³) 1 1 -	- - - -	- - - -	
Level V Private industry Goods-producing industries Manufacturing	93	39.7 39.7 39.7 39.7 39.7	1,241 1,245 1,232 1,232	1,206 1,206 1,206 1,206	1,132 – 1,132 – 1,130 – 1,130 –	1,378	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	1 1 - -	5 4 4 4	11 11 13 13	23 22 28 28	22 22 20 20	25 26 22 22	11 11 12 12	2 2 - -	1 1 1 1	- - - -	- - - -
Attorneys Level I: State and local government	7	40.0	682	_		_	-	_	-	-	-	29	43	29	_	-	-	-	-	-	_	-	-	-	-	-	_
Level II: State and local government	21	40.0	936	963	846 –	1,023	-	-	-	-	-	-	_	-	10	19	14	19	33	5	-	-	-	-	-	-	-
Level III Private industry Service-producing industries State and local government		39.7 39.7 39.8 39.8	1,288 1,294 1,295 1,241	1,265 1,280 – –	1,209 – 1,209 – – – – –	1,368 1,369 – –	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	2 2 3 -	6 6 7 9	12 11 15 18	40 39 26 45	23 22 29 27	9 10 10 -	3 3 4 -	5 6 4 -	- - - -	- - - -

		Average			kly pay Iollars)²							I	Percent	of work	ers rece	eiving s	raight-ti	me wee	ekly pay	ín doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle I	ange	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
Engineers Level I Private industry Goods-producing industries Manufacturing State and local government	208 190 172 169 18	40.0 40.0 40.0 40.0 40.0	\$691 697 692 693 630	\$678 685 678 678 612	\$644 - 673 - 663 - 673 - 564 -	729 727 727			- - - -	4 5 5 5 -	11 7 7 6 50	11 11 12 12 6	31 32 35 35 17	24 24 23 24 22	13 13 12 12 6	5 6 3 4 –	2 2 2 2	(³) 1 1 1	- - - -	- - - -			- - - -	- - - -	- - - -		
Level II Private industry Goods-producing industries Manufacturing State and local government	611 514 472 472 97	40.0 40.0 40.0 40.0 40.0	793 786 781 781 834	779 769 762 762 826	704 – 704 – 700 – 700 – 736 –	859 846 846	- - - -		- - - -	- - - -	(³) - - 1	2 2 2 2 4	18 21 22 22 3	22 23 24 24 19	14 14 15 15 13	14 13 13 13 18	11 12 10 10 6	17 13 12 12 34	1 1 1 2	(³) 1 1 1 -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	
Level III Private industry Goods-producing industries Manufacturing State and local government	1,267 1,120 919 908 147	40.0 40.0 40.0 40.0 40.0	959 954 930 929 1,002	939 934 911 910 1,057	859 – 852 – 844 – 844 – 881 –	1,048 1,004 1,003	- - - -		- - - -	- - - -	- - - -	- - - -	1 (³) (³) (³) 4	5 5 7 7 5	6 6 7 7 4	12 13 15 15 7	14 15 18 18 7	24 26 27 27 15	21 20 16 16 36	10 11 6 4	5 3 2 2 17	1 1 2 2 -	- - - -	- - - -	- - - -	- - - -	
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,674 1,647 1,544 1,539 103 27	40.0 40.0 40.0 40.0 40.0 40.0	1,114 1,115 1,108 1,107 1,229 1,069	1,108 1,109 1,105 1,104 1,220 1,030	1,006 – 1,006 – 1,002 – 1,000 – 1,150 – 946 –	1,216 1,202 1,202 1,290	- - - -		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ - 4	2 2 2 2 - 4	3 4 4 4 -	17 17 18 18 3 30	23 23 24 24 7 33	26 26 26 26 30 7	18 18 17 17 36 -	6 6 5 5 17 22	2 2 2 2 4 -	1 1 1 3 -	- - - -	- - - -	- - - -
Level V Private industry Goods-producing industries Manufacturing	1,236 1,230 1,174 1,174	40.0 40.0 40.0 40.0	1,295 1,295 1,292 1,292	1,262 1,262 1,253 1,253	1,154 – 1,154 – 1,150 – 1,150 –	1,404 1,404	- - - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - - -	- - - -	- - -	- - -	1 1 1 1	12 12 13 13	20 20 21 21	24 24 24 24 24	17 17 15 15	12 12 11 11	8 8 9 9	4 4 4 4	1 1 1 1	- - -
Level VII Private industry Goods-producing industries Manufacturing	132 132 124 124	40.0 40.0 40.0 40.0	1,979 1,979 1,988 1,988	1,986 1,986 1,986 1,986	1,838 – 1,838 – 1,849 – 1,849 –	2,079 2,079	- - - -	- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -	- - - -	6 6 6	- - - -	11 11 10 10	36 36 35 35	47 47 49 ⁴ 49
ADMINISTRATIVE OCCUPATIONS Budget Analysts Level I State and local government Level II	10 10 36	40.0 40.0 40.0	585 585 659	- - 642	 565 _		10 10 -	10 10 3	- - 6	20 20 11	20 20 19	- - 11	10 10 14	30 30 14	- - 6	- - 8		- - 8									- -
State and local government	36 11 11	40.0 39.4 39.4	659 856 856	642 - -	565 – – – – –	732 	- - -	3 - -	6 - -	11 - -	19 - -	11 - -	14 - -	14 _ _	6 18 18	8 45 45	- 18 18	8 9 9	- 9 9	_ _ _	_ _ _	- - -	_ _ _	_ _ _	_ _ _	- - -	

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996 — Continued

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996 — Continued

	Normalian	Average			kly pay ollars)²			_	_	_		1	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 ¹ (stan- dard)	Mean	Median	Midd	le range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	and
Buyers/Contracting Specialists																											
Level I: State and local government	12	40.0	\$508	-	-		-	33	17	17	25	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	194	39.9	692	\$680	\$621	- \$76	al _	1	4	4	10	16	18	14	19	7	7	1	1	_	_	_	_	_	_	_	_
Private industry	170	39.9	704	711	645	- 76		1	1	4	9	16	19	16	19	8	8	1	1	_	-	_	_	-	_	_	-
Goods-producing industries	126	40.0	719	719	654	- 77	4 –	-	-	2	6	15	21	16	21	9	9	1	1	-	-	-	-	-	-	-	-
Manufacturing	126	40.0	719	719	654	- 77		-	-	2	6	15	21	16	21	9	9	1	1	-	-	-	-	-	-	-	-
State and local government	24	39.7	608	600	503	- 67	6 –	-	25	8	17	21	8	4	17	-	-	-	-	-	-	-	-	-	-	-	-
Level III	261	40.0	882	865	783	- 98	1 -	_	_	_	_	1	5	10	13	15	15	21	16	3	1	_	_	_	_	_	_
Private industry	251	40.0	886	865	783	- 98		_	-	-	-	1	4	10	13	15	15	22	17	3	1	_	_	-	_	_	-
Goods-producing industries	227	40.0	890	865	783	- 98	9 -	-	-	-	-	-	4	9	12	16	16	19	18	4	1	-	-	-	-	-	-
Manufacturing	227	40.0	890	865	783	- 98	9 –	-	-	-	-	-	4	9	12	16	16	19	18	4	1	-	-	-	-	-	-
State and local government	10	40.0	803	-	-		-	-	-	-	-	10	10	10	20	20	10	20	-	-	-	-	-	-	-	-	-
Level IV	70	40.0	1,078	_	_		_	_	_	_	_	_	_	_	_	_	11	19	23	30	13	3	1	_	_	_	_
Private industry	68	40.0	1,077	_	_		_	_	_	_	_	_	_	_	_	_	12	19	24	28	13	3	1	_	_	_	_
Goods-producing industries	63	40.0	1,072	-	_		_	_	_	-	-	_	_	_	-	-	13	19	25	25	13	3	2	-	_	_	-
Manufacturing	63	40.0	1,072	-	-		-	-	-	-	-	-	-	-	-	-	13	19	25	25	13	3	2	-	-	-	-
Computer Programmers																											
Level I	50	39.7	546	_	_		_	4	16	36	20	20	2	2	_	_	_	_	_	_	_	_	_	_	_	_	L _
State and local government	12	40.0	521	-	-		-	17	33	17	25	-	_	8	-	-	-	-	-	-	-	-	-	-	-	-	-
													10														
Level II	148 104	39.5 39.4	637 636	636 635	591 602	- 67 - 66		_	23	8 5	15 16	41 43	18 16	9 9	4	2	1	_	_	_	_	_	_		_	_	-
Private industry Service-producing industries	75	39.4	627		002			_	4	7	19	35	23	9 11	3	_'	_'			_	_	_	_				
State and local government	44	40.0	640	636	571	- 69	a –	_	4	16	19	34	20	11		5	2			_	_		_			_	
otato and local government		40.0	040		0/1	00						04	20				1										
Level III	388	39.4	768	761	703	- 83		-	-	-	4	8	10	20	24	15	10	8	1	-	-	-	-	-	-	-	-
Private industry	360	39.4	769	763	707	- 82		-	-	-	3	8	11	20	24	17	9	8	1	-	-	-	-	-	-	-	-
Goods-producing industries	111 111	39.1 39.1	773 773	756 756	729 729	- 80 - 80		_	-	-	-	2	12 12	24 24	35 35	13 13	7	5 5	2	_	_	-	-	-	-	_	
Manufacturing Service-producing industries	249	39.1	767	766	696	- 83		_			4	11	10	24 18	19	18	10	9	(³)	_	_		_				
State and local government	243	39.8	761	754	701	- 86		_	_	_	11	7	4	25	21	-	21	11	(_/	_	_	_	_	_	_	_	_
Computer Systems Analysts	283	39.6	814	811	75 /						1		9		22	20	12	22	2								
Level I Private industry	283	39.6 39.5	814 825	811	754 755	- 89 - 90		_	-		-	3	8	9 8	23 24	20 20	12	22	2	_	_		_		_	_	
Goods-producing industries	201 96	39.3	859	866	755	- 90		_			_	_'	3	3	24	18	16	40		_	_	_	_				
Manufacturing	96	39.3	859	866	781	- 93		_	_	_	_	_	3	3	20	18	16	40		_	_	_	_	_	_	_	_
Service-producing industries	155	39.6	804	795	746	- 85		-	-	-	-	2	12	12	26	22	10	14	3	-	-	-	-	-	-	-	-
State and local government	32	39.9	727	719	634	- 81	D –	-	-	-	13	16	13	16	13	16	13	3	-	-	-	-	-	-	-	-	-
	761	39.5	906	908	835	- 97	3 _	_	_	_	_	(3)	1	5	10	14	17	33	18	1	_	_	_	_	_	_	
Level II Private industry	719	39.5	908	908	840	- 98		_		_	_	(_)	1	5	9	14	17	33	18	2	_		_				
Goods-producing industries	276	39.5	946	962	875	- 1,01		_	_	_	_	_	_	3	8	7	9	41	31	1	_	_	_	_	_	_	_
Manufacturing	276	39.5	946	962	875	- 1,01		_	_	-	-	_	_	3	8	7	9	41	31	1	-	-	-	-	_	_	-
Service-producing industries	443	39.5	885	877	819	- 95		-	-	-	-	-	2	7	10	19	22	28	10	2	-	-	-	-	-	-	-
State and local government	42	39.5	860	880	784	- 93	3 -	_	_	L _	_	7	-	5	17	14	12	38	7	_	_	_	_	_	_	_	L _

Table A.C. Establishments smaleving E00 werkers or mere	Weakly have and nov of professional and administrative assumptions. Clayeland Alven, OU Avevat 1006 Continued
Table A-0. Establishments employing 500 workers of more:	Weekly hours and pay of professional and administrative occupations, Cleveland-Akron, OH, August 1996 — Continued

		Average			kly pay ollars)²							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 ¹ (stan- dard)	Mean	Median	Middl	e range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 _ 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000	2000 and over
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	569 133 133 436	39.5 39.5 39.1 39.1 39.6 39.9	\$1,082 1,089 1,114 1,114 1,081 932	\$1,083 1,085 1,109 1,109 1,079 954	\$995 1,002 1,018 1,018 995 854	- \$1,154 - 1,162 - 1,200 - 1,200 - 1,145 - 1,031		- - - -	- - - -	- - - -	- - - - -		(³) - - - 8	(³) - - - 4	1 (³) - (³) 8	$\binom{3}{3}$ - $\binom{3}{3}$ 4	5 4 2 2 5 12	20 20 14 14 21 36	30 30 31 31 30 12	26 27 26 26 27 12	12 13 15 15 12 4	5 5 13 13 3 -	1 - - 1 -	$\binom{3}{3}$ - $\binom{3}{-}$ $\binom{3}{-}$			
Level IV Private industry		39.2 39.2	1,205 1,235	1,244 1,249	1,115 1,162	- 1,305 - 1,309				-		-			1	3 -		9 6	8 9	17 18	33 35	25 27	2 2	1 1	1 1		-
Computer Systems Analyst Supervisors/Managers Level I State and local government	10	39.8 40.0	1,163 1,166		- -							- -	- -				2 10	8 -	16 20	35 30	33 30	6 10			- -	-	- -
Level II Private industry Service-producing industries	115	39.9 39.9 39.9	1,321 1,320 1,292	1,335 1,335 1,310	1,217 1,217 1,174	- 1,412 - 1,412 - 1,388		- - -	- - -		- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	6 6 8	16 16 19	18 18 22	31 31 30	21 22 18	4 3 3	3 3 -	- - -	- - -
Personnel Specialists Level II Private industry	135 76 76 59	39.8 39.7 40.0 40.0 39.4 40.0	684 677 721 721 620 714	646 642 - - 712	596 596 - 603	- 727 - 689 - 830		- - - - -	4 4 - 10 3	4 4 3 3 5 6	19 21 18 18 24 13	23 25 22 22 29 16	20 22 24 24 20 10	5 4 4 5 6	3 1 1 1 - 13	5 4 4 5 10	4 3 4 4 2 6	8 6 11 11 - 16	4 5 9 - -	- - - -	- - - - -	- - - - -	- - - - -	- - - - -			- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	201 106 106 95	39.9 39.9 40.0 40.0 39.8 39.9	843 852 877 877 824 801	827 847 882 882 804 783	–	- 931 - 934 - 973 - 973 - 930 - 886		- - - - -	- - - -	- - - -	(³) (³) - 1 -	7 6 8 4 11	13 15 8 22 5	13 12 15 15 9 16	12 8 4 13 30	9 8 8 9 11	11 11 13 13 9 7	17 18 21 21 16 11	11 11 8 8 14 9	2 3 4 4 2 -	4 5 9 - -	$\binom{3}{3}$ $\binom{3}{1}$ 1 - -	- - - - -	- - - -	- - - -		- - - -
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	199 93 93 106	39.7 39.8 40.0 40.0 39.6 39.3	1,036 1,039 1,060 1,060 1,021 1,006	1,019 1,029 1,039 1,039 1,005 990	904 904 889 889 912 940	- 1,140 - 1,142 - 1,181 - 1,181 - 1,100 - 1,065		- - - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - -	(³) 1 - 1 1 -	2 2 3 3 1 -	6 7 8 6 –	15 15 18 18 12 14	23 21 14 14 27 41	23 22 15 15 27 32	19 20 26 26 15 14	5 6 5 7 –	3 4 3 4 -	1 2 3 3 - -	2 2 4 4 -	- - - -		- - - -
Level V Private industry Goods-producing industries Manufacturing	75 53	39.8 39.8 39.8 39.8 39.8	1,313 1,312 1,321 1,321	- - -	- - -		- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	6 7 4 4	18 19 23 23	35 35 34 34	19 17 15 15	14 15 17 17	3 3 - -	3 3 4 4	3 3 4 4	- - -

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 39 percent at \$2,000 and under \$2,200; 3 percent at \$2,200 and under \$2,400; 6 percent at \$2,400 and under \$2,600; 1 percent at \$2,600 and under \$2,800; and 1 percent at \$2,800 and under \$3,000.

² 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.

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars)²								Percent	of work	ers rece	eiving s	traight-ti	me wee	ekly pay	ı (in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middl	e range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 625	625 - 650	650 - 675	675 - 700	700 - 725	725 - 750	750 - 800	800 - 850	850 - 900	900 - 950
TECHNICAL OCCUPATIONS Computer Operators Level II Private industry Service-producing industries	184 134	39.6 39.6 39.4	\$461 459 445	\$472 472 448	421 397	- \$506 - 506 - 484	7 8 10	6 7 9	446	8 9 10	15 13 16	12 11 13	18 18 17	15 16 5	11 11 7	3 3 4	(³) 1 1	1 1 1									
State and local government Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	223	40.0 39.8 39.8 40.0 40.0 39.6 39.6	472 571 570 586 586 558 558 571	473 560 560 560 560 560 560 550	528 528 538 538 499	- 514 - 620 - 620 - 620 - 620 - 599 - 634	5 - - - - - - -	3	- 1 - - 2 -	3 (³) (³) - 1 -	24 3 2 2 4 -	16 2 3 - 5 -	18 10 9 4 4 13 11	11 7 6 5 5 6 16	13 18 18 25 25 13 21	5 17 17 24 24 13 11	- 12 13 3 21 5	3 14 14 19 19 11 11	- 4 3 2 2 4 11	- 3 2 - 3 16	- 1 1 1 1 1 -	- (³) (³) 1 1 - -	- 6 7 14 14 1 1	- - - - -	- 1 1 - 2 -		- - - - -
Drafters Level I: State and local government	11	40.0	427	_	_		_	_	_	45	36	18	_	_	_	_	_	-	_	_	_	_	_	_	_	-	_
Level II Private industry Goods-producing industries Manufacturing State and local government	97 66 63 62 31	40.0 40.0 40.0 40.0 39.8	497 501 504 505 488	491 - 493	467 476	- 532 - 502	- - - -	- - - -	3 - - 10	10 15 14 15 -	5 2 - - 13	8 12 13 11 -	37 32 33 34 48	9 9 8 8 10	6 5 5 5 10	8 9 10 10 6	- - - -	11 17 17 18 -	- - - -	- - - -	1 - - 3	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III Private industry Goods-producing industries Manufacturing	101 90	40.0 40.0 40.0 40.0	595 589 586 586	575 567 564 564	552 552 542 542	- 640 - 631 - 631 - 631	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	15 16 16 16	8 9 10 10	26 28 29 29	11 12 12 12	1 1 - -	17 19 18 18	7 - - -	13 14 16 16	2 2 - -	- - -	- - - -	- - - -	- - -	- - -
Level IV Private industry Goods-producing industries Manufacturing	122 122 122 122 122	40.0 40.0 40.0 40.0	698 698 698 698	660 660 660 660	645 645 645 645	- 772 - 772 - 772 - 772 - 772		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	_ _ _ _	6 6 6	3 3 3 3	5 5 5 5	26 26 26 26	15 15 15 15	1 1 1 1	6 6 6	12 12 12 12 12	7 7 7 7	13 13 13 13	6 6 6	- - -
Engineering Technicians Level II . Private industry Goods-producing industries Manufacturing	142	40.0 40.0 40.0 40.0	509 504 502 502	515 508 508 508	476 464 464 464	- 536 - 535 - 535 - 535		- - - -	- - - -	11 13 13 13	- - - -	12 13 14 14	18 18 19 19	21 23 24 24	16 16 16 16	6 7 4 4	9 2 2 2	4 5 5 5	1 1 -	2 2 2 2	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - -
Level III Private industry Goods-producing industries Manufacturing	312	40.0 40.0 40.0 40.0	634 633 628 628	635 634 628 628	553 553 547 547	- 674 - 679 - 670 - 670	- - -	- - - -	- - - -	- - -	- - - -	5 5 6	- - -	6 6 6	12 13 14 14	14 15 16 16	4 4 4 4	5 5 4 4	15 14 14 14	15 12 11 11	8 8 8 8	(³) (³) - -	$\binom{3}{3}$ $\binom{3}{-}$	7 7 7 7	7 8 8 8	3 3 2 2	- - -
Level IV Private industry Goods-producing industries Manufacturing		40.0 40.0 40.0 40.0	729 729 731 731	735 735 749 749	669 669 669 669	- 775 - 775 - 785 - 785	- - -	- - - -	- - -	- - -	- - -	- - - -	- - -	- - - -	- - - -	1 1 1 1	2 2 2 2	7 7 7 7	9 9 10 10	10 10 9 9	2 2 1 1	19 19 18 18	6 6 6	33 33 34 34 34	4 4 4 4	7 7 8 8	1 1 1 1

		Average			kly pay ollars)²							F	Percent	of work	ers rece	eiving s	traight-ti	me wee	ekly pay	/ (in doll	lars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middl	e range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 625	625 - 650	650 - 675	675 - 700	700 - 725	725 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Engineering Technicians, Civil Level I State and local government		40.0 40.0	\$490 490	\$492 492	\$490 490	- \$497 - 497						12 12	76 76	12 12												-	
Level II State and local government	15 15	40.0 40.0	529 529	518 518	497 497	- 578 - 578		-		7 7			27 27	20 20	7 7	13 13	27 27				-	-	-			-	
Level III State and local government		40.0 40.0	630 630	641 641	631 631	- 653 - 655		-					1 1	1 1	3 3	7 7	11 11	1 1	44 44	32 32	-	1	-			-	
Level IV: State and local government	16	39.4	713	734	659	- 772	2 -	-	-	-	-	-	-	-	-	-	6	13	-	19	-	6	13	38	6	-	-
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers State and local government		40.0 40.0	444 444	459 459	373 373	- 497 - 497		42 42	2 2	1 1	2 2	14 14	20 20	6 6	11 11	3 3	1 1	(3) (3)		(3) (3)			-			-	-
Firefighters State and local government	1,085 1,085	49.5 49.5	706 706	717 717	669 669	- 738 - 738		-					-					2 2	14 14	16 16	-	22 22	46 46			-	-
Police Officers Level I State and local government	2,594 2,500	40.0 40.0	673 674	702 702	637 643	- 702 - 702				(3) (3)	(3) (3)	(3) (3)	2 2	1	1 1	2 2	1 (³)	4 3	24 25	(3) (3)	11 11	48 50	2 1	2 2	1	-	- -

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Cleveland-Akron, OH, August 1996 — Continued

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² 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. ³ Less than 0.5 percent.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Cleveland-Akron, OH, August 1996

		Average			kly pay Iollars)²							I	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	ín doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	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 Level I Private industry State and local government	51	39.6 39.7 39.4	\$327 302 385	- - \$387		 - \$425		8 12 -	5 8 –	18 24 5	19 24 9	26 29 18	4 4 5	7 _ 23	8 _ 27	1 - 5	3 _ 9	- - -	- - -	- - -	- - -				- - -		
Level II	464 135 134 329	39.7 39.8 39.9 39.9 39.7 39.6	383 373 414 414 356 419	382 370 412 412 354 435	305 346 346 300	- 439 - 425 - 480 - 480 - 405 - 453	- - - -	- - - - -	6 8 - 12 -	12 15 21 21 13 1	7 8 1 1 12 1	11 10 4 12 14	11 11 3 15 10	10 10 14 13 9 8	12 12 14 14 11 10	14 9 10 10 9 29	7 5 5 5 5 15	6 5 8 4 9	3 3 8 (³) 4	3 3 11 11 - -	- - - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	413 189 189 224	39.5 39.5 39.6 39.6 39.5 39.5	478 475 509 509 446 485	474 468 491 491 441 479	430 456 456 397	- 523 - 521 - 565 - 565 - 485 - 532	- - - -	- - - - -	- - - - -	- - - - -	(³) 1 - 1 1 -	1 1 2 2 - 2	4 4 1 1 7 2	8 9 - 17 6	8 9 3 15 4	12 13 13 13 14 10	18 16 17 17 16 20	16 17 20 20 15 14	18 12 14 14 11 29	11 11 20 20 4 10	2 3 5 5 1 1	2 3 6 (³) -	(³) - - - 1	- - - -	- - - -	- - - -	- - - -
Level IV Private industry Goods-producing industries Manufacturing State and local government	92 57 56	40.0 40.0 40.0 40.0 40.0	601 633 608 607 533	586 623 - - 516	519 - -	- 654 - 706 - 594	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		1 - - 2	7 7 - - 7	2 - 7	10 3 4 4 26	19 22 25 25 14	16 11 14 14 28	18 18 28 29 16	9 13 19 18 -	5 8 11 11 -	- - - -	13 18 - - -	- - - -	- - - -
Clerks, General Level II Private industry Service-producing industries State and local government	359 356	39.9 39.9 39.9 40.0	347 328 327 364	338 320 320 378	298 297	- 379 - 352 - 352 - 392	- - - -	1 2 2 -	6 12 12 -	10 13 13 7	22 30 30 16	15 16 16 13	10 11 12 8	29 6 6 49	4 6 3	2 3 3 1	1 1 1	1 - - 2	(³) 1 - -	- - - -	- - - -	- - - -	- - -	- - -	- - - -	- - - -	- - - -
Level III Private industry Service-producing industries State and local government	481 476	39.7 39.7 39.7 39.8	447 460 460 431	422 415 415 433	370 371	- 468 - 520 - 520 - 468	- - - -	- - - -	(³) 1 1 -	1 2 2 -	3 6 6 (³)	7 6 6 9	8 12 12 2	13 12 12 13	21 20 20 22	13 12 12 13	12 2 2 25	4 1 1 9	5 3 3 7	- - - -	- - - -	13 24 24 -	- - -	- - -	- - - -	- - -	- - -
Level IV Private industry Service-producing industries State and local government	516 498	39.9 39.9 39.9 40.0	499 503 500 490	490 479 474 494	404 403	- 542 - 630 - 630 - 515	- - - -	- - - -	- - - -	- - - -	2 3 3 -	4 5 5 –	6 8 8 1	6 7 7 2	9 10 10 8	8 7 7 11	9 10 10 7	17 13 12 30	16 9 9 33	2 2 2 2	15 18 18 6	1 1 1 -	$\binom{3}{(3)}$ $\binom{3}{(3)}$ -	2 3 2 -	4 6 6 –	- - - -	- - - -
Key Entry Operators Level I Private industry Service-producing industries State and local government	100 88	39.7 39.4 39.7 40.0	364 344 342 382	346 344 333 366	312 310	- 434 - 367 - 367 - 434		- - - -	2 4 5 -	3 6 7 -	22 29 33 17	28 27 24 29	11 17 15 5	5 8 7 2	3 3 3 3	23 1 1 42	3 5 6 1	- - - -	1 - - 2	- - - -	- - - -	- - - -			- - - -	- - -	
Level II Private industry Service-producing industries State and local government	128 87	39.5 39.6 39.9 39.2	409 401 388 428	392 382 367 428	356 353	- 454 - 425 - 414 - 500	- - - -	- - - -	- - - -	- - - -	8 6 9 14	9 9 11 8	21 25 32 12	14 19 17 -	15 16 10 14	4 4 1 4	12 13 11 12	4 3 5 6	8 1 1 27	1 - - 2	1 2 - -	2 3 1 -	- - -		- - - -	- - -	

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Cleveland-Akron, OH, August 1996 — Continued

		Average			kly pay ollars)²							F	Percent	of work	ers rece	eiving st	traight-ti	ime wee	ekly pay	íin dol	lars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	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	90 ar ov
Personnel Assistants (Employment) Level III:			# =00	0511	* 400	6									_	_	_		10								
State and local government	19	39.9	\$523	\$511	\$486 -	- \$571	-	-	-	-	-	-	-	-	5	5	5	26	16	42	-	-	-	-	-	-	-
Level IV: State and local government	17	40.0	662	683	630 -	- 699	-	-	-	-	-	-	-	-	-	-	-	-	6	12	12	47	24	-	-	-	-
Secretaries																											
Level I	85	38.9	378	365	338 -		-	-	-	6	12	16	26	12	8	7	2	8	2	-	-	-	-	-	-	-	-
Private industry	83	38.9	378	365	336 -	- 406	-	-	-	6	12	17	24	12	8	7	2	8	2	-	-	-	-	-	-	-	-
Service-producing industries	74	38.7	378	-			-	-	-	7	14	19	19	14	5	8	3	9	3	-	-	-	-	-	-	-	-
Level II	811	39.8	504	499	440 -	- 554	_	_	_	_	_	2	5	6	8	6	9	16	20	17	2	5	4	(3)	-	_	-
Private industry	259	39.9	546	538	448 -		-	-	_	-	-	(3)	3	4	10	7	8	6	12	20	3	14	10	<u>`</u> 1	-	-	-
Service-producing industries	153	39.8	495	499	423 -	- 570	-	-	_	-	-	Ì Í	5	7	13	10	8	7	14	29	2	3	-	- 1	-	-	-
State and local government	552	39.8	484	492	440 -	- 541	-	-	-	-	-	3	6	7	7	6	9	21	24	15	1	(3)	1	(3)	-	-	-
Level III	860	39.6	552	540	497 -	- 606	_	_	_	_	_	(³)	$(^{3})$	3	2	3	7	11	28	18	18	5	3	1	(3)	1	_
Private industry	632	39.8	550	541	488 -		- 1	_	_	_	-	(3)	(3)	3	2	4	7	13	24	16	22	4	2	2	`_'	1	
Goods-producing industries	246	40.0	560	540	498 -		- 1	_	_	_	-	`_´	ìí	7	1	4	5	9	28	12	22	2	2	4	-	2	_
Manufacturing	245	40.0	560	540	498 -		_	_	_	_	_	_	1	7	1	4	5	9	28	12	21	2	2	4	-	2	-
Service-producing industries	386	39.6	544	544	484 -		-	-	_	-	-	1	(³)	1	2	4	9	15	21	18	23	4	2	- 1	-	-	-
State and local government	228	39.2	557	528	502 -	- 596	-	-	-	-	-	-	_	1	2	1	7	6	38	23	6	9	7	-	(3)	(3)	-
Level IV	491	39.8	617	615	558 -	- 674	_	_	_	_	_	_	_	_	(3)	3	4	4	12	22	18	20	10	6	2	_	(3
Private industry	401	39.8	625	624	569 -		_	_	_	_	_	_	_	_	(3)	3	2	3	12	20	18	21	11	7	3	_	(3
Goods-producing industries	203	40.0	605	603	570 -		_	_	_	_	-	_	_	_	\`_'	4	1	3	13	26	21	22	5	3	2	-	`_
Manufacturing	203	40.0	605	603	570 -		- 1	_	_	_	-	_	_	_	-	4	1	3	13	26	21	22	5	3	2	-	- 1
Service-producing industries	198	39.5	646	660	568 -		_	_	_	_	_	_	_	_	1	2	4	3	11	13	14	21	17	12	4	- 1	
State and local government	90	39.7	582	595	520 -	- 647	-	-	-	-	-	-	-	-	-	1	10	9	13	31	18	12	6	-	-	-	-
Level V	106	39.8	744	729	668 -	- 817	_	_	_	_	_	_	_	_	_	_	_	1	2	1	16	16	16	18	15	5	1
Private industry		39.8	751	759	668 -		-	_	_	-	_	_	_	_	_	_	_	<u>-</u>	1		17	14	17	19	16	5	11
Goods-producing industries	64	40.0	751	_			-	_	_	-	_	_	_	_	_	_	_	_	_	_	22	17	17	13	13	2	17
Manufacturing	64	40.0	751	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	17	17	13	13	2	417
Switchboard Operator-Receptionists	181	39.6	347	353	310 -	- 390	6	8	3	7	7	19	20	10	4	14	1	1	_	_	_	_	_	_	_	_	
Private industry	159	39.8	341	350	294 -		6	9	3	8	4	20	23	9	4	13			_	_	-	-	_	_	-	-	
Goods-producing industries	57	40.0	373	_			_	_	_	16	2	19	14	11	7	32			_	_	-	-	_	_	-	-	- 1
Manufacturing	57	40.0	373	-			_	_	_	16	2	19	14	11	7	32	-	-	_	_	_	-	-	_	-	-	-
Service-producing industries	102	39.6	323	343	262 -	- 365	10	14	5	3	6	21	27	9	2	2	1	1	_	_	_	-	-	_	-	-	-
State and local government	22	38.8	388	397	310 -		_	_	_	_	27	9	5	14	9	27	5	5	_	_	-	-	- 1	- 1	-	-	-

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Cleveland-Akron, OH, August 1996 — Continued

		Average			kly pay Iollars)²							F	Percent	of work	ers rece	eiving st	raight-ti	me wee	ekly pay	íin doll	ars) of–	-					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	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
Word Processors Level I: State and local government	33	40.0	\$451	\$444	\$433	- \$490	_	_	_	_	_	_	3	3	18	36	6	21	12	_	_	_	_	_	_	_	-
Level II Private industry Service-producing industries State and local government	53	39.9 39.6 39.6 40.0	487 486 489 487	494 - 494	-	- 538 - 536		- - - -	- - - -	- - - -	1 - - 1	6 4 4 7	$\binom{3}{-}$	3 5 6 3	7 25 23 3	3 5 6 3	20 5 6 23	14 11 11 15	30 16 17 33	15 22 23 13	1 4 4 -	- - -	(³) 2 2 -	- - - -	- - - -	- - - -	- - -
Level III State and local government	53 42	39.6 40.0	526 498	_ 515	_ 486	 - 531		-	-	-	-	-	2 2	6 7	2 2	4 2	4 5	13 17	51 64	6 _	6 -	2 _	2 _	4	-	-	-

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

² 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.

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 8 percent at \$900 and under \$950; 8 percent at \$950 and under \$1,000; and 2 percent at \$1,000 and under \$1,050.

	Number			rly pay Iollars) ¹									Percent	of work	ers rec	eiving s	traight-t	ime hou	urly pay	(in dolla	ars) of–	_						
Occupation and level	of workers	Mean	Median	Middle rang		Jnder 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 	-	14.00 - 15.00	15.00 	-	17.00 - 18.00	-	19.00 	20.00 - 21.00	-	-	23.00 - 24.00	-
General Maintenance Workers Private industry Service-producing industries State and local government	563 314 285 249	\$10.62 9.91 9.44 11.53	\$9.93 9.01 8.69 11.62	7.47 – 7.25 –	13.12 12.71 12.04 13.54	4 8 8 –	5 9 10 -	5 9 10 -	4 7 8 -	4 8 9 -	5 8 9 -	19 3 4 39	4 4 5 4	5 7 7 2	6 5 7	12 12 13 11	21 16 11 28	4 1 1 6	1 (²) (²) 2		(²) (²) -	1 2 - -		- - -		- - -		
Maintenance Electricians Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,542 1,404 1,404 138	20.23 20.30 20.42 20.42 19.06 19.11	22.10 22.10 22.18 22.18 20.59 22.70	17.67 – 17.65 – 17.65 – 18.13 –	22.18 22.18 22.18 22.18 22.18 20.59 22.70	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -		(²) - - - 4	(²) (²) - 1 -	(²) - - - 3	1 1 1 1 3	2 2 2 1 12	8 7 7 11 19	12 13 13 13 7 6	4 4 5 5 2 -	3 3 1 1 21 -	3 3 3 2 -	6 6 1 1 54 -	1 1 1 1 -	59 60 66 66 – 39	1 - - - 10	(²) - - - 3
Maintenance Electronics Technicians Level I: State and local government	30	14.64	15.11	12.53 –	15.97	-	-	-	_	-	_	-	-	-	-	30	_	13	33	23	-	_	_	_	-	_	-	_
Level II Private industry Service-producing industries State and local government		17.13 16.97 16.96 17.28	17.18 - - 17.74		18.45 - 18.57	- - -		- - -	- - -	- - -	- - - -	- - -	- - -	- - -	1 - - 3	- - -	2 1 2 3	1 1 2 1	24 28 20 20	18 22 25 14	21 22 25 20	24 21 25 27	6 1 2 10	- - -	1 3 - -	1 - - 3		- - -
Level III Private industry	177 173	20.30 20.43	21.52 21.52		21.52 21.52	-		-		-		-	-	-	-	1 -		1 1	2 1	3 2	8 9	15 15	3 3	9 9	47 49	8 9	3 3	-
Maintenance Machinists Private industry Goods-producing industries Manufacturing	272 249 247 247	18.54 18.77 18.77 18.77	19.13 19.13 19.13 19.13 19.13	16.94 – 16.94 –	19.18 19.18 19.18 19.18 19.18	- - -		- - -	- - - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - - -	4 4 4 4	5 6 6	10 2 2 2	16 17 17 17	4 4 4 4	- - -	43 47 47 47 47	- - - -	- - - -	18 20 20 20		
Maintenance Mechanics, Machinery Private industry Goods-producing industries Manufacturing Service-producing industries	1,311	20.20 20.20 20.26 20.26 19.36	22.10 22.10 22.10 22.10 22.10 20.05	18.72 – 2 18.72 – 2 18.72 – 2	22.18 22.18 22.18 22.18 22.18 20.32			- - - -	- - - -		- - - -	- - - -	1 1 1 -	- - - -			2 2 2 2 -	4 4 4 4 1	6 6 6 1	7 7 7 7 1	2 2 3 3 2	5 5 3 3 31	7 7 7 7 9	5 5 2 2 54	10 10 11 11 -	51 51 55 55 -		
Maintenance Mechanics, Motor Vehicle Private industry Goods-producing industries Service-producing industries State and local government	1,209 973 195 778 236	17.90 18.48 21.06 17.84 15.49	18.49 18.49 21.88 18.49 15.29	16.92 – 20.28 – 16.92 –	18.49 19.27 21.88 18.49 16.74	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	(2) - - - 1	(2) - - (2)	1 - - 5	4 2 - 2 11	6 (²) - (²) 31	5 2 - 3 18	27 31 6 37 9	5 2 4 1 20	28 35 - 43 -	5 5 2 6 5	7 8 16 6 -	12 14 72 -	(²) (²) 1 - -		
Maintenance Pipefitters Private industry Goods-producing industries Manufacturing State and local government	665 654 654	20.32 20.32 20.34 20.34 20.42	21.88 21.88 21.88 21.88 -	19.10 – 1 19.10 – 1	21.88 21.88 21.88 21.88 21.88 –				- - - -		- - - -	- - - -		(²) - - 25		- - - -	- - - -	- - - -	12 12 13 13 -	1 1 1 1	8 8 8 -	2 2 - - -	8 9 9 9 –	- - - -	67 68 69 69 –	$\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}$	1 - - 75	

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Cleveland-Akron, OH, August 1996 — Continued

	Number			rly pay ollars)¹							I	Percent	t of work	kers rec	eiving s	traight-ti	ime hou	urly pay	(in dolla	ars) of—	-						
Occupation and level	of workers	Mean	Median	Middle range	Under 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	-	8.50 - 9.00	-	-	-	11.00 - 12.00	-	-	-	-	-	-	-	-	-	-	-	-	-
Tool and Die Makers Private industry Goods-producing industries Manufacturing	842 842	\$20.38 20.38 20.38 20.38 20.38	\$22.18 22.18 22.18 22.18 22.18	\$17.44 – \$22.18 17.44 – 22.18 17.44 – 22.18 17.44 – 22.18 17.44 – 22.18	-	- - -			- - -				- - -	- - - -	- - -		$\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}$	14 14 14 14	7 7 7 7	4 4 4 4	3 3 3 3	3 3 3 3	- - -	- - -	68 68 68 68		

¹ 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.

² Less than 0.5 percent.

Table A-10. Establishments employing 500 workers or more:	Hourly pay of material movement and custodia	l occupations, Cleveland-Akron, OH, August 1996

				rly pay Iollars)1									Percent	of work	kers rec	eiving s	traight-t	ime hou	ırly pay	(in dolla	ars) of—							
Occupation and level	Number of workers	Mean	Median	Midd	e range	4.50 and under 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 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 _ 14.00	14.00 - 15.00	15.00 _ 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00
Forklift Operators Private industry Goods-producing industries Manufacturing	1,260 1,260 928 928	\$16.11 16.11 16.88 16.88	\$15.05 15.05 19.01 19.01	\$14.24 14.24 14.42 14.42	- \$19.18 - 19.18 - 19.18 - 19.18	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - -	- - -	- - - -	- - - -	5 5 6	4 4 5 5	4 (²) (²)	3 3 - -	3 3 5 5	31 31 17 17	4 4 5 5	- - -	1 1 2 2	1 1 1 1	43 43 58 58	1 1 1 1
Guards Level I Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,723 1,525 73 73 1,452 198	7.26 6.73 13.73 13.73 6.38 11.38	6.50 6.25 - 6.00 11.83	5.75 5.50 - 5.50 10.69	- 7.50 - 7.00 - 7.00 - 12.26	- - - -	13 14 - 15 -	16 18 - 19 -	20 23 - 24 -	13 14 - 15 -	13 14 - 15 4	3 3 - 4 -	3 3 - 4 -	1 2 - 2 -	3 2 - 2 11	1 1 1 1 1	1 (²) 3 3 (²) 6	1 (²) - (²) 10	6 2 33 33 (²) 33	4 - - - 34	$\binom{2}{2}$ - $\binom{2}{2}$ - $\binom{2}{3}$	1 2 32 32 - -	1 15 15 - -	1 16 16 - -		- - - - -	- - - - -	
Level II Private industry Service-producing industries State and local government	529 235 185 294	11.61 12.48 11.88 10.91	11.32 12.21 11.90 11.32	9.38 10.77 10.70 9.38	- 13.03 - 13.30 - 13.19 - 11.32	- - - -	- - - -	- - -	- - -		- - - -	- - -	1 2 3 -	1 3 4 -	24 3 3 41	5 11 11 -	2 3 3 2	4 6 8 2	28 19 23 35	9 13 10 6	14 27 28 4	5 1 2 9	1 3 3 -	1 2 3 -	2 3 - -	1 1 -	1 2 - -	1 1 -
Janitors Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	4,163 2,745 668 668 2,077 1,418	10.05 10.11 14.53 14.53 8.69 9.94	9.52 9.23 13.50 13.50 8.52 9.93	8.32 8.06 13.28 13.28 7.46 9.00	- 10.96 - 11.14 - 18.67 - 18.67 - 10.05 - 10.93	$\begin{pmatrix} 2 \\ 2 \end{pmatrix} \\ - \\ - \\ (^2) \\ - \\ (^2) \\ - \end{pmatrix}$	2 3 - 4 -	4 7 - 9 -	3 4 - 5 (²)	2 3 (²) (²) 4 1	3 3 - 4 2	5 5 (²) (²) 6 6	9 11 1 1 14 6	10 9 4 11 10	11 10 5 5 11 13	9 5 1 1 6 17	8 11 4 13 2	11 5 1 1 6 22	6 2 1 1 2 13	4 2 7 7 1 7	6 10 36 36 1 (²)	1 2 2 2 2	(²) (²) 1 1 -	1 1 3 1 -	$\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}{\binom{2}$	6 8 33 33 (²) -	- - - -	
Shipping/Receiving Clerks Private industry Goods-producing industries Manufacturing Service-producing industries	283 278 197 197 81	14.03 14.04 15.15 15.15 11.34	12.76 12.76 19.22 19.22 12.26	9.75 9.72 7.55 7.55 9.75	- 19.22 - 19.22 - 19.22 - 19.22 - 19.22 - 12.76	- - - -	- - - -	3 3 5 5 -	3 3 5 5 -	7 7 9 9	4 4 5 5 1	3 3 5 5 -	- - - -	1 1 - 2	4 4 - 14	4 4 - - 14	(2) (2) - - 1	2 3 - 9	7 6 6 7	14 15 - 51	1 - - -	- - - -	- - - -	2 2 3 3 -	4 4 6 -	1 1 2 2 -	38 38 54 54 -	1 1 2 2
Truckdrivers Light Truck: State and local government	8	12.68	_	_		_	_	_	_	-	_	_	-	-	_	_	_	_	25	50	_	25	_	_	_	_	_	_
Medium Truck: State and local government	14	12.73	-	-		-	-	_	_	-	_	_	-	-	-	-	_	36	7	-	14	43	_	_	-	-	_	-
Heavy Truck: State and local government	209	13.20	13.09	13.08	- 13.26	-	-	-	-	-	-	-	-	-	-	(2)	-	-	-	-	95	4	1	-	-	-	-	-
Tractor Trailer Private industry Goods-producing industries Manufacturing Service-producing industries	2,181 2,180 129 126 2,051	16.25 16.25 17.88 17.84 16.15	16.92 16.92 20.22 20.22 16.92	15.87 15.87 15.28 15.24 15.87	- 16.92 - 16.92 - 20.22 - 20.22 - 16.92	- - - -	_ _ _ _	- - - -	- - - -		- - - -	- - - -	- - -		_ _ _ _ _	- - - -	4 4 - - 4	1 1 5 6 1	1 1 - 1	10 10 1 1 10	4 4 7 7 4	1 1 - 1	12 12 21 21 11	51 51 2 2 54	(²) (²) 5 5 -		5 5 2 5	11 11 54 56 8

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Cleveland-Akron, OH, August 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of-																							
		Mean	Median	Middle	e range	4.50 and under 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	-	7.50 - 8.00	-	8.50 - 9.00	-	-	-	10.50 - 11.00	-	-	-	-	-	-	-	-	-	-
Warehouse Specialists	1,801	\$14.31	\$14.70	\$12.20	- \$18.11	-	-	-	(²)	1	3	2	2	1	2	1	2	2	7	6	18	10	1	12	(²)	29	-	-
Private industry	1,698	14.43	14.70	12.71	- 18.11	-	-	-	(2)	1	3	3	3	1	1	1	1	1	7	5	19	10	1	12	(²)	31	-	-
Goods-producing industries		14.01	13.55	.0.00	- 16.47	-	-	-	-	2	3	-	-	-	-	1	1	3	11	1	42	-	-	37	(²)	(²)	-	-
Manufacturing		14.01	13.55	10.00	- 16.47	-	-	-	-	2	3	-	-	-	-	1	1	3	11	1	42	-	-	37	(²)	(2)	-	-
Service-producing industries		14.61	14.83		- 18.11	-	-	-	1	(²)	3	4	4	2	2	1	2	1	5	7	8	15	2	-	-	45	-	-
State and local government	103	12.46	11.99	10.46	- 16.48	-	-	-	-	-	-	-	-	-	12	9	5	15	12	16	4	4	-	25	-	-	-	-

¹ 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.

² Less than 0.5 percent.

Appendix A. Scope and Method of Survey

Scope

This survey of the Cleveland–Akron, OH Consolidated 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.¹ 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 Cleveland–Akron, OH Consolidated Metropolitan Statistical Area (July 1994). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

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

Survey design

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

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

Data collection and payroll reference

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

Occupational pay

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

Unless otherwise indicated, the pay data following the job titles are for all industries combined. Pay data for some of the occupations for all industries combined (or for some industry divisions within the scope of the survey) are not presented in the A-series tables because either (1) data did not provide statistically reliable results, or (2) there was the possibility of disclosure of individual establishment data. Pay data not shown separately for industry divisions are included in data for all industries combined.

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

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

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

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

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

Survey nonresponse

Data were not available from 14.5 percent of the sample establishments (representing 115,316 employees covered by the survey). An additional 4.6 percent of the sample establishments (representing 39,385 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. In all but two of the occupational work levels published in this bulletin, the proportion of employees for whom pay data were not available was less than 5 percent. The two jobs were Personnel Specialists II (5.0 percent) and Personnel Specialists III (7.5 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/\$500x100 = 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	Percent of published							
error	occupational work levels							
Less than 1 percent	5.2							
1 and under 3 percent	38.9							
3 and under 5 percent	48.5							
5 percent and over	7.4							

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 2×88).

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.

¹ 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.

	Number of es	stablishments	Workers in establishments						
Industry division ²	Within scope of	Studied	Within scop	Studied					
	survey ³	Studieu	Number	Percent	Studied				
ALL ESTABLISHMENTS									
All divisions	3,388	433	819,692	100	309,585				
Private industry		380	681,874	83	223,161				
Goods producing	1,005	106	229,205	28	62,066				
Manufacturing	875	91	215,075	26	59,592				
Construction ⁵	127	13	13,462	2	2,006				
Service producing	2,124	274	452,669	55	161,095				
Transportation, communication, electric, gas, and									
sanitary services ⁶	197	33	46,007	6	17,875				
Wholesale trade7	178	11	24,828	3	2,488				
Retail trade ⁷	519	26	125,794	15	26,489				
Finance, insurance, and real estate ⁷	175	28	42,712	5	24,464				
Services ⁷	1,055	176	213,328	26	89,779				
State and local government	259	53	137,818	17	86,424				
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE									
All divisions	317	134	421,992	100	260,592				
Private industry	263	108	320,644	76	179,026				
Goods producing	85	30	101,197	24	49,392				
Manufacturing	84	29	100,697	24	48,892				
Service producing	178	78	219,447	52	129,634				
Transportation, communication, electric, gas, and									
sanitary services6	15	6	19,477	5	13,251				
Retail trade ⁷	67	13	76,195	18	24,742				
Finance, insurance, and real estate ⁷	24	11	29,595	7	22,222				
Services ⁷	69	47	90,748	22	68,275				
State and local government	54	26	101,348	24	81,566				

Appendix table 1. Establishments and workers within scope of survey and number studied, Cleveland-Akron, OH¹, August 1996

¹ The Cleveland-Akron Consolidated Metropolitan Statistical Area, as defined by the Office of Management and Budget through June 1994, consists of Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, and Summit 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.

² The Standard Industrial Classification Manual was used in classifying establishments by industry.

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

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

⁵ 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.

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

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

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