

Occupational Compensation Survey: Pay Only

Cleveland, Ohio,
Metropolitan Area,
July 1996



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-35

Preface

This bulletin provides results of a July 1996 survey of occupational pay in the Cleveland, OH Primary Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in 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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Occupational Compensation Survey: Pay Only

Cleveland, Ohio, Metropolitan Area, July 1996



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

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

January 1997

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Introduction

This survey of occupational pay in the Cleveland, OH Primary Metropolitan Statistical Area (Cuyahoga, Geauga, Lake, and Medina 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, OH, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000		
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level I:																												
Private industry:																												
Goods-producing industries	88	39.9	\$490	\$424	\$424 - \$594	-	61	-	13	13	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	88	39.9	490	424	424 - 594	-	61	-	13	13	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	81	39.3	525	510	485 - 560	1	6	27	35	16	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	367	39.4	628	615	570 - 681	-	-	2	19	26	22	14	8	4	1	1	(³)	(³)	1	1	-	-	-	-	-	-	-	-
Private industry	353	39.4	631	615	577 - 681	-	-	1	18	26	22	15	9	4	1	1	(³)	(³)	1	1	-	-	-	-	-	-	-	-
Goods-producing industries	113	39.5	682	644	577 - 713	-	-	-	4	27	19	23	5	12	4	-	-	1	3	3	-	-	-	-	-	-	-	-
Manufacturing	112	39.5	682	644	577 - 722	-	-	-	4	28	19	22	5	12	4	-	-	1	3	3	-	-	-	-	-	-	-	-
Service-producing industries	240	39.3	607	596	542 - 648	-	-	2	25	26	24	11	10	1	(³)	1	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	14	39.6	550	-	- - -	-	-	-	21	36	29	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	466	39.6	787	781	713 - 865	-	-	-	1	8	13	16	21	9	20	10	2	1	(³)	-	-	-	-	-	-	-	-	-
Private industry	441	39.6	790	781	721 - 865	-	-	-	1	7	13	16	21	9	21	10	2	1	(³)	-	-	-	-	-	-	-	-	-
Goods-producing industries	250	39.8	795	795	722 - 872	-	-	-	9	11	14	19	9	26	8	2	1	(³)	-	-	-	-	-	-	-	-	-	-
Manufacturing	246	39.8	794	795	722 - 872	-	-	-	9	11	14	19	9	26	9	2	1	(³)	-	-	-	-	-	-	-	-	-	-
Service-producing industries	191	39.3	784	779	713 - 865	-	-	2	5	15	18	24	8	15	11	1	2	-	-	-	-	-	-	-	-	-	-	-
State and local government	25	39.9	729	725	642 - 797	-	-	-	8	20	12	24	12	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-
Level IV	264	39.6	996	976	913 - 1,049	-	-	-	-	-	-	1	2	13	5	18	17	27	10	4	2	(³)	(³)	-	-	-	-	
Private industry	256	39.6	998	982	923 - 1,049	-	-	-	-	-	-	1	1	13	5	18	18	27	10	4	2	(³)	(³)	-	-	-	-	
Goods-producing industries	139	39.8	983	962	896 - 1,033	-	-	-	-	-	-	8	9	21	4	22	22	17	6	5	1	1	1	1	1	1	1	
Manufacturing	139	39.8	983	962	896 - 1,033	-	-	-	-	-	-	8	9	21	4	22	22	17	6	5	1	1	1	1	1	1	1	
Service-producing industries	117	39.4	1,016	1,010	931 - 1,079	-	-	-	-	-	-	2	2	3	6	15	13	39	14	3	3	-	-	-	-	-	-	
State and local government	8	39.5	927	-	- - -	-	-	-	-	-	-	-	-	25	13	25	-	13	25	-	-	-	-	-	-	-	-	
Level V	97	39.6	1,286	1,309	1,206 - 1,397	-	-	-	-	-	-	-	-	-	1	2	3	6	9	24	37	13	3	1	-	-	-	
Private industry	94	39.7	1,288	1,310	1,206 - 1,397	-	-	-	-	-	-	-	-	-	1	2	3	6	9	23	37	14	3	1	-	-	-	
Goods-producing industries	61	39.5	1,282	-	- - -	-	-	-	-	-	-	-	-	-	-	3	3	7	11	23	33	16	2	2	-	-	-	
Manufacturing	61	39.5	1,282	-	- - -	-	-	-	-	-	-	-	-	-	3	3	7	11	23	33	16	2	2	-	-	-	-	
Attorneys																												
Level II:																												
State and local government	23	40.0	945	929	851 - 1,023	-	-	-	-	-	-	-	-	4	17	9	22	13	30	4	-	-	-	-	-	-	-	-
Level III	84	39.6	1,293	1,289	1,200 - 1,377	-	-	-	-	-	-	-	-	-	-	-	2	8	14	30	27	8	4	6	-	-	-	
Private industry	72	39.6	1,303	-	- - -	-	-	-	-	-	-	-	-	-	-	-	3	7	14	28	28	10	4	7	-	-	-	
Service-producing industries	66	39.8	1,290	-	- - -	-	-	-	-	-	-	-	-	-	-	-	3	8	15	27	30	8	5	5	-	-	-	
State and local government	12	39.8	1,228	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	17	17	42	25	-	-	-	-	-	-	
Engineers																												
Level I:																												
Private industry	272	40.0	652	647	615 - 692	-	-	-	3	20	31	21	18	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	263	40.0	655	649	615 - 703	-	-	-	3	17	32	22	18	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	180	40.0	649	647	615 - 678	-	-	-	5	17	31	25	19	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	130	40.0	663	678	598 - 712	-	-	-	7	22	7	34	26	2	2	2	-	-	-	-	-	-	-	-	-	-	-	
State and local government	83	40.0	667	649	620 - 718	-	-	-	-	19	35	14	17	8	6	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000		
Level II	584	40.0	\$760	\$731	\$696 - \$827	-	-	-	-	3	9	18	24	14	11	7	7	4	1	1	-	-	-	-	-	-	-	
Private industry	531	40.0	753	727	696 - 820	-	-	-	-	3	10	20	24	14	11	8	7	2	1	1	-	-	-	-	-	-	-	
Goods-producing industries	373	40.0	754	727	696 - 781	-	-	-	-	-	5	25	33	13	9	4	6	2	1	1	-	-	-	-	-	-	-	
Manufacturing	372	40.0	754	727	696 - 781	-	-	-	-	-	5	26	33	13	9	4	6	2	1	1	-	-	-	-	-	-	-	
Service-producing industries	158	40.0	752	778	620 - 851	-	-	-	-	11	20	6	4	17	15	16	9	2	-	-	-	-	-	-	-	-	-	
State and local government	53	40.0	820	809	727 - 920	-	-	-	-	2	2	6	26	13	15	4	8	23	2	-	-	-	-	-	-	-	-	
Level III	1,479	40.0	931	914	837 - 1,026	-	-	-	-	-	-	2	5	10	12	20	12	9	21	7	3	1	-	-	-	-	-	
Private industry	1,394	40.0	929	913	837 - 1,017	-	-	-	-	-	-	1	5	10	12	20	12	10	20	7	2	1	-	-	-	-	-	
Goods-producing industries	880	40.0	933	935	847 - 1,004	-	-	-	-	-	-	-	5	7	13	19	14	11	23	4	1	1	-	-	-	-	-	
Manufacturing	821	40.0	926	913	847 - 1,000	-	-	-	-	-	-	-	5	8	14	20	15	12	19	4	1	2	-	-	-	-	-	
Service-producing industries	514	40.0	920	865	800 - 1,033	-	-	-	-	-	-	3	4	15	10	23	8	7	15	12	4	-	-	-	-	-	-	
State and local government	85	40.0	979	995	837 - 1,100	-	-	-	-	-	-	7	5	7	7	8	11	6	27	7	15	-	-	-	-	-	-	
Level IV	1,183	40.0	1,122	1,135	1,015 - 1,202	-	-	-	-	-	-	-	-	(³)	(³)	2	6	12	22	33	18	6	2	(³)	-	-	-	
Private industry	1,150	40.0	1,123	1,140	1,015 - 1,202	-	-	-	-	-	-	-	-	-	(³)	2	6	12	22	33	18	6	2	(³)	-	-	-	
Goods-producing industries	798	40.0	1,126	1,139	1,014 - 1,216	-	-	-	-	-	-	-	-	-	(³)	2	5	13	21	30	21	6	1	(³)	-	-	-	
Manufacturing	778	40.0	1,124	1,135	1,014 - 1,216	-	-	-	-	-	-	-	-	-	(³)	2	5	13	22	31	20	6	1	(³)	-	-	-	
Service-producing industries	352	40.0	1,116	1,142	1,022 - 1,172	-	-	-	-	-	-	-	-	-	(³)	1	8	10	23	38	11	5	2	1	-	-	-	
State and local government	33	39.0	1,076	-	-	-	-	-	-	-	-	-	-	3	3	-	24	3	6	48	3	9	-	-	-	-	-	
Level V	520	40.0	1,293	1,275	1,221 - 1,368	-	-	-	-	-	-	-	-	-	-	-	(³)	7	14	38	23	12	3	2	(³)	-	-	
Private industry	513	40.0	1,293	1,275	1,220 - 1,368	-	-	-	-	-	-	-	-	-	-	-	(³)	7	14	38	23	12	4	2	(³)	-	-	
Goods-producing industries	271	40.0	1,329	1,292	1,250 - 1,402	-	-	-	-	-	-	-	-	-	-	-	-	-	9	45	21	17	5	3	(³)	-	-	
Manufacturing	269	40.0	1,328	1,292	1,250 - 1,399	-	-	-	-	-	-	-	-	-	-	-	-	-	9	45	21	16	5	3	(³)	-	-	
Service-producing industries	242	40.0	1,252	1,261	1,150 - 1,334	-	-	-	-	-	-	-	-	-	-	-	(³)	14	20	30	26	7	2	1	-	-	-	
Level VI	248	40.0	1,497	1,500	1,373 - 1,633	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	9	9	20	33	2	-	-	
Private industry	248	40.0	1,497	1,500	1,373 - 1,633	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	9	9	20	33	2	-	-	
Goods-producing industries	189	40.0	1,496	1,500	1,369 - 1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	11	6	19	18	35	2	-	
Manufacturing	189	40.0	1,496	1,500	1,369 - 1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	11	6	19	18	35	2	-	
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	34	40.0	652	642	571 - 729	-	3	6	12	21	9	15	18	3	9	-	6	-	-	-	-	-	-	-	-	-	-	-
Level III:																												
State and local government	10	39.4	842	-	- - -	-	-	-	-	-	-	-	-	20	50	20	-	-	10	-	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000		
Buyers/Contracting Specialists																												
Level I:																												
State and local government	9	40.0	\$491	-	- - -	-	44	11	22	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	224	39.9	647	\$632	\$560 - \$712	-	-	3	10	24	15	7	30	8	1	1	-	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	203	39.9	650	646	577 - 712	-	-	(³)	11	25	14	7	33	7	1	1	-	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	106	40.0	647	615	591 - 702	-	-	-	18	18	19	8	28	8	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Manufacturing	106	40.0	647	615	591 - 702	-	-	-	18	18	19	8	28	8	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	97	39.9	655	683	556 - 712	-	-	1	3	33	8	6	37	7	2	2	-	-	-	-	-	-	-	-	-	-	-	
State and local government	21	39.7	612	601	498 - 684	-	-	29	5	10	24	10	5	19	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	224	40.0	831	826	762 - 896	-	-	-	-	-	1	5	9	25	21	21	8	5	4	(³)	1	-	-	-	-	-	-	
Private industry	216	40.0	831	826	762 - 896	-	-	-	-	-	1	5	9	25	21	22	7	5	4	(³)	1	-	-	-	-	-	-	
Goods-producing industries	175	40.0	820	801	750 - 865	-	-	-	-	-	-	5	11	29	25	15	3	5	5	1	2	-	-	-	-	-	-	
Manufacturing	173	40.0	819	801	750 - 865	-	-	-	-	-	-	5	12	29	25	15	2	5	5	1	2	-	-	-	-	-	-	
State and local government	8	40.0	826	-	- - -	-	-	-	-	-	13	13	-	13	25	-	25	13	-	-	-	-	-	-	-	-	-	
Level IV	60	40.0	1,100	-	- - -	-	-	-	-	-	-	-	-	-	-	3	3	5	53	22	10	3	-	-	-	-	-	
Private industry	58	40.0	1,099	-	- - -	-	-	-	-	-	-	-	-	-	-	3	3	5	55	19	10	3	-	-	-	-	-	
Computer Programmers																												
Level II	199	39.6	613	606	550 - 662	-	-	5	21	22	24	11	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry	168	39.6	608	587	539 - 661	-	-	5	23	23	21	10	14	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	140	39.6	603	583	529 - 661	-	-	6	25	21	19	12	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	31	40.0	643	636	581 - 696	-	-	-	10	16	35	16	16	-	6	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	506	39.5	771	767	704 - 846	-	-	-	-	2	10	11	18	22	13	15	6	3	1	-	-	-	-	-	-	-	-	
Private industry	486	39.4	770	767	706 - 843	-	-	-	-	2	10	12	18	23	13	14	6	2	1	-	-	-	-	-	-	-	-	
Goods-producing industries	130	39.2	752	750	692 - 800	-	-	-	-	-	16	10	22	28	12	6	5	-	2	-	-	-	-	-	-	-	-	
Manufacturing	130	39.2	752	750	692 - 800	-	-	-	-	-	16	10	22	28	12	6	5	-	2	-	-	-	-	-	-	-	-	
Service-producing industries	356	39.5	777	776	708 - 863	-	-	-	-	3	8	12	16	21	14	16	6	3	(³)	-	-	-	-	-	-	-	-	
State and local government	20	39.8	794	855	701 - 883	-	-	-	-	5	10	5	15	10	-	40	10	5	-	-	-	-	-	-	-	-	-	
Level IV	74	39.9	920	-	- - -	-	-	-	-	-	-	1	-	3	16	20	24	19	16	-	-	-	-	-	-	-	-	
Private industry	62	40.0	914	-	- - -	-	-	-	-	-	-	2	-	2	19	23	26	13	16	-	-	-	-	-	-	-	-	
Computer Systems Analysts																												
Level I	282	39.6	783	784	702 - 849	-	-	-	4	2	19	16	15	21	7	11	4	1	-	-	-	-	-	-	-	-	-	
Private industry	271	39.5	785	788	704 - 852	-	-	-	4	1	19	16	14	21	8	12	4	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	229	39.7	767	765	690 - 827	-	-	-	4	2	22	18	15	21	7	6	4	2	-	-	-	-	-	-	-	-	-	
State and local government	11	39.8	737	-	- - -	-	-	-	-	-	9	18	27	27	18	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	712	39.4	899	894	837 - 965	-	-	-	-	-	-	1	6	7	16	23	17	15	13	2	-	-	-	-	-	-	-	
Private industry	682	39.4	899	894	837 - 966	-	-	-	-	-	-	1	6	7	16	23	16	16	13	2	-	-	-	-	-	-	-	
Goods-producing industries	176	39.2	950	963	882 - 1,006	-	-	-	-	-	-	-	1	1	10	19	12	30	24	3	-	-	-	-	-	-	-	
Manufacturing	176	39.2	950	963	882 - 1,006	-	-	-	-	-	-	-	1	1	10	19	12	30	24	3	-	-	-	-	-	-	-	
Service-producing industries	506	39.4	882	877	822 - 935	-	-	-	-	-	-	2	8	9	18	25	18	11	9	2	-	-	-	-	-	-	-	
State and local government	30	39.3	895	912	829 - 944	-	-	-	-	-	-	-	7	10	13	13	33	10	13	-	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000
Level III	569	39.5	\$1,071	\$1,061	\$978 - \$1,136	-	-	-	-	-	-	(³)	-	(³)	(³)	4	8	18	28	27	10	3	1	(³)	-	-
Private industry	558	39.5	1,072	1,063	978 - 1,136	-	-	-	-	-	-	-	-	(³)	(³)	4	8	18	28	27	10	3	1	(³)	-	-
Service-producing industries	476	39.7	1,070	1,059	969 - 1,138	-	-	-	-	-	-	-	-	(³)	(³)	5	8	20	27	25	11	3	1	(³)	-	-
State and local government	11	39.7	1,001	-	- - -	-	-	-	-	-	-	9	-	-	9	-	-	27	18	27	9	-	-	-	-	-
Level IV	86	39.2	1,228	1,244	1,142 - 1,309	-	-	-	-	-	-	-	-	-	-	-	-	6	13	17	34	26	2	1	1	-
Private industry	86	39.2	1,228	1,244	1,142 - 1,309	-	-	-	-	-	-	-	-	-	-	-	-	6	13	17	34	26	2	1	1	-
Computer Systems Analyst Supervisors/Managers																										
Level I	58	39.8	1,138	-	- - -	-	-	-	-	-	-	-	-	-	-	2	2	5	34	19	33	5	-	-	-	-
State and local government	9	40.0	1,168	-	- - -	-	-	-	-	-	-	-	-	-	-	11	-	-	22	22	33	11	-	-	-	-
Level II	106	39.9	1,306	1,331	1,212 - 1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	7	17	19	33	20	4	1	-
Private industry	104	39.9	1,305	1,331	1,212 - 1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	7	16	19	34	20	3	1	-
Service-producing industries	90	39.9	1,292	1,310	1,174 - 1,388	-	-	-	-	-	-	-	-	-	-	-	-	-	8	19	22	30	18	3	-	-
Personnel Specialists																										
Level II	199	39.8	624	606	560 - 671	-	9	4	12	25	21	10	6	3	4	3	4	1	2	-	-	-	-	-	-	-
Private industry	178	39.8	612	588	538 - 653	-	10	4	12	26	22	10	5	1	3	2	2	1	2	-	-	-	-	-	-	-
Goods-producing industries	78	40.0	661	-	- - -	-	-	-	12	38	17	5	8	1	4	4	5	3	4	-	-	-	-	-	-	-
Manufacturing	78	40.0	661	-	- - -	-	-	-	12	38	17	5	8	1	4	4	5	3	4	-	-	-	-	-	-	-
Service-producing industries	100	39.6	574	588	493 - 646	-	17	8	12	17	26	13	3	-	3	1	-	-	-	-	-	-	-	-	-	-
State and local government	21	40.0	723	727	620 - 817	-	-	-	10	10	14	10	10	19	5	10	14	-	-	-	-	-	-	-	-	-
Level III	269	39.8	832	797	712 - 926	-	-	-	-	(³)	10	10	12	17	6	10	16	4	9	3	2	(³)	-	-	-	-
Private industry	231	39.8	839	808	712 - 926	-	-	-	-	(³)	10	11	11	16	5	10	17	4	10	3	3	(³)	-	-	-	-
Goods-producing industries	110	40.0	852	878	712 - 929	-	-	-	-	-	16	6	13	11	3	13	15	5	8	5	5	1	-	-	-	-
Manufacturing	110	40.0	852	878	712 - 929	-	-	-	-	-	16	6	13	11	3	13	15	5	8	5	5	1	-	-	-	-
Service-producing industries	121	39.6	827	797	731 - 904	-	-	-	-	1	3	16	10	21	7	7	19	3	11	2	-	-	-	-	-	-
Transportation and utilities	36	40.0	973	-	- - -	-	-	-	-	-	-	-	-	-	-	6	44	11	33	6	-	-	-	-	-	-
State and local government	38	39.8	790	763	712 - 889	-	-	-	-	-	13	5	18	24	11	8	13	3	5	-	-	-	-	-	-	-
Level IV	244	39.7	1,035	1,020	913 - 1,130	-	-	-	-	-	-	-	2	(³)	10	7	10	8	32	14	11	2	1	2	-	-
Private industry	225	39.8	1,039	1,020	913 - 1,134	-	-	-	-	-	-	-	3	(³)	11	6	9	7	32	14	12	3	1	2	-	-
Goods-producing industries	100	40.0	1,030	1,000	900 - 1,139	-	-	-	-	-	-	-	5	-	19	1	7	6	30	15	7	3	3	4	-	-
Manufacturing	99	40.0	1,029	1,000	899 - 1,140	-	-	-	-	-	-	-	5	-	19	1	7	6	30	14	7	3	3	4	-	-
Service-producing industries	125	39.6	1,046	1,039	943 - 1,132	-	-	-	-	-	-	-	1	1	5	10	10	7	34	14	17	2	-	-	-	-
State and local government	19	39.0	993	984	925 - 1,040	-	-	-	-	-	-	-	-	-	-	16	21	21	32	11	-	-	-	-	-	-
Level V	76	39.5	1,320	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	7	18	14	42	12	1	3	3	-
Private industry	76	39.5	1,320	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	7	18	14	42	12	1	3	3	-
Tax Collectors																										
Level II	73	38.8	581	572	510 - 673	4	5	12	21	16	11	14	14	3	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	73	38.8	581	572	510 - 673	4	5	12	21	16	11	14	14	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.

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.

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

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	275 and under 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100		
TECHNICAL OCCUPATIONS																												
Computer Operators																												
Level I	57	38.0	\$321	-	- - -	14	68	2	7	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	57	38.0	321	-	- - -	14	68	2	7	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	57	38.0	321	-	- - -	14	68	2	7	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II:																												
Private industry:																												
Goods-producing industries	66	40.0	479	-	- - -	-	-	-	-	14	17	17	3	33	17	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	66	40.0	479	-	- - -	-	-	-	-	14	17	17	3	33	17	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	31	40.0	468	\$462	\$440 - \$502	-	-	6	-	3	29	16	19	10	6	6	-	3	-	-	-	-	-	-	-	-	-	-
Level III																												
Private industry	196	39.8	547	542	488 - 613	-	-	-	-	3	4	13	3	9	14	8	8	13	18	3	4	-	2	-	-	-	-	-
Service-producing industries	159	39.7	536	535	471 - 592	-	-	-	-	3	4	14	4	9	14	8	9	14	14	3	1	-	2	-	-	-	-	-
State and local government	18	39.6	582	571	526 - 636	-	-	-	-	-	-	-	-	11	11	22	6	6	22	22	-	-	-	-	-	-	-	-
Level IV																												
Private industry	51	39.8	647	-	- - -	-	-	-	-	-	-	-	-	-	-	2	17	17	20	22	7	13	-	2	-	-	-	-
Drafters																												
Level II																												
Private industry	161	40.0	480	465	462 - 500	-	-	-	-	2	5	3	42	21	17	1	3	-	6	1	-	-	-	-	-	-	-	-
Goods-producing industries	110	40.0	476	462	462 - 481	-	-	-	-	-	8	-	61	19	2	-	-	-	10	-	-	-	-	-	-	-	-	-
Manufacturing	62	40.0	488	-	- - -	-	-	-	-	15	-	31	34	3	-	-	-	18	-	-	-	-	-	-	-	-	-	-
State and local government	31	39.8	488	493	476 - 493	-	-	-	-	10	-	13	-	55	6	3	10	-	-	3	-	-	-	-	-	-	-	-
Level III																												
Private industry	96	40.0	604	588	577 - 630	-	-	-	-	-	-	-	-	2	6	13	35	30	11	2	-	-	-	-	-	-	-	-
Engineering Technicians																												
Level III																												
Private industry	329	40.0	607	619	553 - 660	-	-	-	-	-	-	3	4	5	12	15	9	21	25	5	1	1	1	1	-	-	-	-
Goods-producing industries	214	40.0	593	575	547 - 641	-	-	-	-	-	-	4	-	4	5	19	22	7	21	22	-	-	-	-	-	-	-	-
Manufacturing	214	40.0	593	575	547 - 641	-	-	-	-	-	-	4	-	4	5	19	22	7	21	22	-	-	-	-	-	-	-	-
Level IV																												
Private industry	409	40.0	747	720	700 - 800	-	-	-	-	-	-	-	-	-	-	(³)	1	13	7	34	17	6	8	12	-	-	-	-
Goods-producing industries	287	40.0	745	713	700 - 792	-	-	-	-	-	-	-	-	-	-	(³)	1	13	7	34	17	6	8	12	-	-	-	-
Manufacturing	287	40.0	745	713	700 - 792	-	-	-	-	-	-	-	-	-	-	1	1	14	7	35	19	4	1	17	-	-	-	-
Level V																												
Private industry	124	40.0	858	866	785 - 930	-	-	-	-	-	-	-	-	-	-	-	-	-	1	15	16	11	26	22	9	-	-	-

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	275 and under 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100		
Engineering Technicians, Civil																												
Level II:																												
State and local government	11	40.0	\$505	-	- - -	-	-	-	-	-	9	-	18	27	27	-	-	18	-	-	-	-	-	-	-	-	-	-
Level III																												
State and local government	222	40.0	603	\$600	\$560 - \$644	-	-	-	-	-	-	-	-	1	(³)	15	18	13	32	20	1	-	-	-	-	-	-	-
State and local government	123	40.0	624	640	593 - 651	-	-	-	-	-	-	-	-	2	1	5	10	11	45	25	2	-	-	-	-	-	-	
Level IV																												
State and local government	72	39.9	744	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	1	4	6	32	50	3	1	3	-		
State and local government	25	39.6	717	746	667 - 770	-	-	-	-	-	-	-	-	-	-	-	-	4	12	16	32	32	4	-	-	-		
PROTECTIVE SERVICE OCCUPATIONS																												
Corrections Officers																												
State and local government	1,065	40.0	428	373	373 - 492	-	-	-	56	3	1	2	5	13	7	6	7	(³)	(³)	(³)	-	-	-	-	-	-	-	
State and local government	1,065	40.0	428	373	373 - 492	-	-	-	56	3	1	2	5	13	7	6	7	(³)	(³)	(³)	-	-	-	-	-	-		
Firefighters																												
State and local government	1,290	49.7	738	738	733 - 772	-	-	-	-	-	-	-	-	-	-	-	1	-	5	12	50	16	16	-	-	-		
State and local government	1,290	49.7	738	738	733 - 772	-	-	-	-	-	-	-	-	-	-	-	1	-	5	12	50	16	16	-	-	-		
Police Officers																												
Level I	2,979	40.0	704	702	685 - 740	-	-	-	-	(³)	(³)	(³)	2	1	1	2	2	17	9	43	10	14	-	-	-			
State and local government	2,894	40.0	706	702	685 - 740	-	-	-	-	(³)	(³)	(³)	2	1	1	2	1	17	9	44	10	14	-	-	-			

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.

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

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			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 - 950		
Clerks, Accounting																												
Level I	103	39.3	\$316	\$300	\$296 -- \$342	-	6	14	7	37	15	9	5	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	78	39.5	292	-	- -- -	-	8	18	9	49	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	72	39.4	293	-	- -- -	-	8	15	10	49	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	25	38.9	388	384	361 - 417	-	-	-	-	-	16	28	20	24	4	8	-	-	-	-	-	-	-	-	-	-	-	
Level II	1,102	39.8	389	387	344 -- 435	-	-	4	7	9	11	12	13	18	10	7	9	2	1	-	-	-	-	-	-	-	-	
Private industry	1,001	39.8	385	386	337 -- 425	-	-	4	7	9	10	12	13	18	9	5	8	2	1	-	-	-	-	-	-	-	-	
Goods-producing industries	285	40.0	391	376	346 -- 425	-	-	1	11	4	16	16	11	14	5	8	5	4	5	-	-	-	-	-	-	-	-	
Manufacturing	282	40.0	391	376	344 -- 427	-	-	1	11	4	16	17	10	15	5	8	5	4	5	-	-	-	-	-	-	-	-	
Service-producing industries	716	39.8	382	386	337 -- 424	-	-	5	6	12	8	10	14	20	11	4	9	1	-	-	-	-	-	-	-	-	-	
Transportation and utilities	50	40.0	366	362	362 -- 372	-	-	-	2	18	-	62	-	6	2	4	-	-	-	-	-	-	-	-	-	-	-	
State and local government	101	39.5	430	446	394 -- 470	-	-	-	-	-	13	11	6	8	16	24	19	4	-	-	-	-	-	-	-	-	-	
Level III	977	39.4	457	450	404 -- 500	-	-	-	-	2	2	6	10	12	14	18	10	15	9	1	1	(³)	-	-	-	-	-	
Private industry	853	39.5	450	450	400 -- 491	-	-	-	-	2	2	7	11	13	14	17	11	14	6	1	2	-	-	-	-	-	-	
Goods-producing industries	388	39.8	456	458	400 -- 510	-	-	-	-	-	3	5	3	13	15	7	15	12	17	6	2	3	-	-	-	-	-	
Manufacturing	356	39.8	459	458	390 -- 510	-	-	-	-	3	6	3	14	10	7	16	10	19	7	2	3	-	-	-	-	-	-	
Service-producing industries	465	39.3	446	442	410 -- 480	-	-	-	-	1	-	11	10	12	20	20	11	11	5	(³)	(³)	-	-	-	-	-	-	
Transportation and utilities	26	40.0	511	-	- -- -	-	-	-	-	-	-	4	-	-	15	8	65	8	-	-	-	-	-	-	-	-	-	
State and local government	124	38.8	506	509	454 -- 563	-	-	-	-	-	1	-	6	2	10	23	4	22	30	2	-	2	-	-	-	-	-	
Level IV	340	39.8	563	556	487 -- 617	-	-	-	-	-	-	2	2	-	4	11	11	11	30	16	8	2	-	5	-	-	-	
Private industry	314	39.9	561	556	487 -- 617	-	-	-	-	-	-	2	2	-	4	11	10	11	30	17	6	2	-	5	-	-	-	
Goods-producing industries	59	40.0	600	-	- -- -	-	-	-	-	-	-	-	-	-	19	3	7	14	27	20	10	-	-	-	-	-	-	
Manufacturing	58	40.0	599	-	- -- -	-	-	-	-	-	-	-	-	-	19	3	7	14	28	19	10	-	-	-	-	-	-	
Service-producing industries	255	39.9	552	556	484 -- 590	-	-	-	-	-	2	2	-	5	9	11	12	34	14	3	(³)	-	7	-	-	-		
State and local government	26	38.5	581	577	500 -- 673	-	-	-	-	-	-	-	-	-	8	19	12	27	8	27	-	-	-	-	-	-	-	
Clerks, General																												
Level I	173	38.6	255	254	220 -- 273	33	15	29	12	4	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	173	38.6	255	254	220 -- 273	33	15	29	12	4	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	158	38.5	256	254	220 -- 275	36	9	30	13	4	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	1,299	39.8	335	328	292 -- 378	-	2	11	15	20	11	13	20	3	2	1	1	1	-	-	-	-	-	-	-	-	-	
Private industry	854	39.8	319	309	280 -- 350	-	4	17	20	23	10	15	4	4	3	1	-	1	-	-	-	-	-	-	-	-	-	
Goods-producing industries	88	40.0	297	300	270 -- 308	-	-	26	22	40	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	80	40.0	300	300	287 -- 308	-	-	19	24	44	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	766	39.8	321	315	280 -- 358	-	4	16	20	21	11	15	4	4	4	1	-	1	-	-	-	-	-	-	-	-	-	
State and local government	445	39.9	365	378	338 -- 395	-	-	-	6	14	13	9	50	3	1	1	2	-	-	-	-	-	-	-	-	-	-	
Level III	1,033	39.2	410	415	365 -- 450	-	-	1	1	3	9	16	10	19	15	16	3	6	(³)	-	-	-	-	-	-	-	-	
Private industry	615	39.5	389	385	358 -- 430	-	-	1	2	6	13	25	7	17	16	10	(³)	2	-	-	-	-	-	-	-	-	-	
Goods-producing industries	89	40.0	398	360	360 -- 435	-	-	-	-	-	-	54	-	-	37	8	-	1	-	-	-	-	-	-	-	-	-	
Manufacturing	89	40.0	398	360	360 -- 435	-	-	-	-	-	-	54	-	-	37	8	-	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	526	39.4	387	385	349 -- 425	-	-	2	2	6	16	20	9	20	13	10	1	2	-	-	-	-	-	-	-	-	-	
State and local government	418	38.8	441	439	412 -- 468	-	-	-	(³)	(³)	1	3	14	23	14	25	8	11	(³)	-	-	-	-	-	-	-	-	
Level IV	596	39.7	482	468	412 -- 515	-	-	-	-	3	4	7	6	10	10	16	11	17	3	4	1	(³)	2	5	-	-	-	
State and local government	160	39.3	503	502	476 -- 534	-	-	-	-	-	-	1	1	7	11	4	25	34	5	11	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			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 - 950		
Key Entry Operators																												
Level I	1,044	39.8	\$300	\$281	\$261 - \$331	-	10	28	25	10	10	8	2	1	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	920	39.9	289	280	257 - 310	-	11	32	28	10	7	9	2	1	(³)	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	52	39.4	367	-	- - -	-	-	-	4	-	21	52	8	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	868	39.9	285	280	257 - 300	-	12	34	30	10	7	6	1	(³)	(³)	1	-	-	-	-	-	-	-	-	-	-	-	
State and local government	124	39.6	380	363	339 - 434	-	-	-	3	14	28	6	3	4	39	1	-	2	-	-	-	-	-	-	-	-	-	
Level II	288	38.8	379	363	332 - 405	-	-	-	-	21	13	22	15	9	7	6	1	2	1	1	1	-	-	-	-	-	-	
Private industry	241	38.9	372	362	332 - 392	-	-	-	-	22	14	24	17	7	6	6	(³)	-	(³)	1	2	-	-	-	-	-	-	
Goods-producing industries	61	39.3	425	-	- - -	-	-	-	-	-	-	8	33	18	23	10	-	-	-	3	5	-	-	-	-	-	-	
Manufacturing	60	39.3	425	-	- - -	-	-	-	-	-	-	8	33	18	22	10	-	-	-	3	5	-	-	-	-	-	-	
Service-producing industries	180	38.7	354	353	317 - 367	-	-	-	-	30	18	29	12	4	1	4	1	-	1	-	1	-	-	-	-	-	-	
State and local government	47	38.4	413	409	355 - 467	-	-	-	-	15	9	13	4	17	13	9	6	13	2	-	-	-	-	-	-	-	-	
Personnel Assistants (Employment)																												
Level III:																												
State and local government	9	39.7	520	-	- - -	-	-	-	-	-	-	-	-	-	11	-	44	11	33	-	-	-	-	-	-	-	-	-
Secretaries																												
Level I	116	38.8	386	372	338 - 442	-	-	-	4	9	21	18	8	10	15	7	7	2	-	-	-	-	-	-	-	-	-	
Private industry	107	38.7	381	369	338 - 442	-	-	-	5	9	22	18	8	11	16	2	7	2	-	-	-	-	-	-	-	-	-	
Service-producing industries	107	38.7	381	369	338 - 442	-	-	-	5	9	22	18	8	11	16	2	7	2	-	-	-	-	-	-	-	-	-	
Level II	827	39.8	506	499	455 - 548	-	-	-	-	(³)	5	7	7	2	12	17	25	15	2	4	3	(³)	-	-	-	-	-	
Private industry:										(³)	(³)	1	2	2	5	13	16	25	22	6	6	1	-	(³)	-	-		
Service-producing industries	314	39.9	469	472	404 - 535	-	-	-	-	(³)	8	16	11	4	11	16	16	15	2	-	-	-	-	-	-	-	-	
State and local government	408	39.7	500	499	460 - 546	-	-	-	-	-	4	2	5	2	16	22	37	13	-	-	-	-	-	-	-	-		
Level III	984	39.4	569	577	503 - 615	-	-	-	-	(³)	(³)	1	2	2	5	13	16	25	22	6	6	1	-	(³)	-	-		
Private industry	775	39.6	566	568	496 - 615	-	-	-	-	(³)	(³)	1	3	2	6	14	16	19	27	4	6	1	-	1	-	-		
Goods-producing industries	175	40.0	646	635	577 - 724	-	-	-	-	-	-	-	-	-	-	-	15	18	26	9	25	5	-	2	-	-		
Manufacturing	174	40.0	646	635	577 - 724	-	-	-	-	-	-	-	-	-	-	-	15	18	26	9	25	5	-	2	-	-		
Service-producing industries	600	39.4	543	552	481 - 605	-	-	-	-	(³)	(³)	1	3	3	7	19	16	19	28	3	(³)	-	-	-	-	-		
Transportation and utilities	48	40.0	579	584	552 - 600	-	-	-	-	2	-	-	-	-	2	4	10	35	27	19	-	-	-	-	-	-		
State and local government	209	39.0	581	584	528 - 597	-	-	-	-	(³)	-	1	(³)	3	8	16	46	3	14	7	-	-	-	-	-	-		
Level IV	387	39.7	628	635	570 - 680	-	-	-	-	-	-	-	(³)	1	3	2	15	19	20	20	11	7	3	-	(³)	-		
Private industry	330	39.7	631	636	570 - 684	-	-	-	-	-	-	-	(³)	1	2	2	16	18	18	20	12	8	3	-	(³)	-		
Service-producing industries	239	39.6	633	636	546 - 710	-	-	-	-	-	-	-	(³)	2	3	2	19	12	18	17	14	10	3	-	(³)	-		
State and local government	57	39.5	613	620	598 - 656	-	-	-	-	-	-	-	-	2	5	2	11	26	28	18	9	-	-	-	-	-		
Level V	73	39.7	742	-	- - -	-	-	-	-	-	-	-	-	-	-	-	1	1	12	23	11	23	11	23	11	15	1	
Private industry	70	39.7	745	-	- - -	-	-	-	-	-	-	-	-	-	-	-	1	1	13	20	11	24	11	16	16	1		
Switchboard Operator-Receptionists																												
Level I	807	39.7	364	346	320 - 417	-	1	3	10	12	30	10	5	8	12	5	4	(³)	-	-	-	-	-	-	-	-	-	
Private industry	743	39.8	361	344	320 - 406	-	1	3	11	12	32	9	4	8	11	4	4	(³)	-	-	-	-	-	-	-	-	-	
Goods-producing industries	172	40.0	370	346	340 - 426	-	1	2	5	6	48	3	2	3	19	6	4	-	-	-	-	-	-	-	-	-		
Manufacturing	172	40.0	370	346	340 - 426	-	1	2	5	6	48	3	2	3	19	6	4	-	-	-	-	-	-	-	-	-		
Service-producing industries	571	39.7	358	340	320 - 400	-	1	3	12	14	27	11	5	10	9	4	1	-	-	-	-	-	-	-	-	-		
Transportation and utilities	57	40.0	443	469	456 - 481	-	-	-	-	-	19	5	-	-	-	35	40	-	-	-	-	-	-	-	-	-		
State and local government	64	39.3	398	396	358 - 448	-	-	-	-	9	8	22	16	5	23	16	-	2	-	-	-	-	-	-	-	-		

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			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 - 950
Word Processors																										
Level I	78	39.7	\$398	-	-	-	-	-	-	1	24	12	3	31	15	3	9	3	-	-	-	-	-	-	-	-
Private industry	55	39.6	373	-	-	-	-	-	-	2	35	16	4	38	4	2	-	-	-	-	-	-	-	-	-	-
Service-producing industries	55	39.6	373	-	-	-	-	-	-	2	35	16	4	38	4	2	-	-	-	-	-	-	-	-	-	-
Level II	252	39.9	496	\$522	\$452	-	\$545	-	-	-	-	2	(³)	8	4	6	20	7	32	20	1	-	(³)	-	-	-
Private industry	122	39.7	487	499	432	-	548	-	-	-	-	2	-	16	6	11	11	5	25	21	2	-	1	-	-	-
Service-producing industries	101	39.7	480	460	425	-	550	-	-	-	-	2	-	19	5	14	14	6	12	26	2	-	1	-	-	-

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.

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

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Cleveland, OH, July 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 range	5.00 and under 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 9.00	9.00 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 and over	
Tool and Die Makers	2,017	\$17.16	\$15.51	\$15.13 - \$22.12	-	-	-	-	-	-	-	-	-	1	1	2	8	46	11	5	(²)	-	1	-	26	-	-	
Private industry	2,017	17.16	15.51	15.13 - 22.12	-	-	-	-	-	-	-	-	-	1	1	2	8	46	11	5	(²)	-	1	-	26	-	-	
Goods-producing industries	2,017	17.16	15.51	15.13 - 22.12	-	-	-	-	-	-	-	-	-	1	1	2	8	46	11	5	(²)	-	1	-	26	-	-	
Manufacturing	2,017	17.16	15.51	15.13 - 22.12	-	-	-	-	-	-	-	-	-	1	1	2	8	46	11	5	(²)	-	1	-	26	-	-	

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.

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

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Cleveland, OH, July 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 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	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00
Tractor Trailer	1,347	\$14.93	\$14.00	\$12.47 - \$15.97	-	-	-	-	-	-	-	-	-	-	-	-	9	3	22	9	12	21	1	-	-	8	14
Private industry	1,346	14.93	14.00	12.47 - 15.97	-	-	-	-	-	-	-	-	-	-	-	-	9	3	22	9	12	21	1	-	-	8	14
Goods-producing industries	136	14.47	13.95	12.00 - 15.82	-	-	-	-	-	-	-	-	-	-	-	-	10	13	15	13	7	19	2	-	-	6	15
Manufacturing	129	14.18	13.80	12.00 - 15.37	-	-	-	-	-	-	-	-	-	-	-	-	11	14	16	14	7	20	2	-	-	2	14
Service-producing industries	1,210	14.98	14.00	12.47 - 15.97	-	-	-	-	-	-	-	-	-	-	-	-	9	2	23	9	13	21	1	-	-	8	14
Warehouse Specialists	1,626	11.72	11.94	10.15 - 13.58	-	-	-	-	(²)	1	3	3	4	4	4	3	12	22	17	2	18	3	2	-	(²)	-	-
Private industry	1,540	11.68	11.94	10.15 - 13.58	-	-	-	-	1	1	4	3	4	4	4	2	12	22	18	2	19	3	1	-	(²)	-	-
Goods-producing industries	686	11.32	11.94	10.08 - 12.26	-	-	-	-	-	1	3	1	3	6	5	3	12	23	36	-	1	3	1	-	-	-	-
Manufacturing	653	11.10	11.94	10.08 - 12.26	-	-	-	-	-	1	3	1	4	7	5	4	12	24	38	-	1	-	-	-	-	-	-
Service-producing industries	854	11.97	11.35	10.15 - 14.73	-	-	-	-	1	(²)	4	5	4	2	3	2	12	22	3	3	34	4	-	-	1	-	-
State and local government	86	12.41	11.05	10.02 - 16.48	-	-	-	-	-	-	-	-	-	-	-	14	10	24	8	9	2	1	-	30	-	-	-

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.

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

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																							
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000			
PROFESSIONAL OCCUPATIONS																													
Accountants																													
Level I	81	39.6	\$548	\$534	\$488 - \$594	1	6	23	25	22	11	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	81	39.6	548	534	488 - 594	1	6	23	25	22	11	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	170	39.5	646	627	570 - 690	-	-	5	16	21	21	18	8	4	3	1	1	1	2	2	-	-	-	-	-	-	-	-	
Private industry	157	39.4	654	635	577 - 693	-	-	3	14	20	21	19	9	4	3	1	1	1	2	2	-	-	-	-	-	-	-	-	
Goods-producing industries	61	39.1	724	-	- - -	-	-	-	-	13	25	28	10	7	7	-	-	2	5	5	-	-	-	-	-	-	-	-	
Manufacturing	60	39.1	725	-	- - -	-	-	-	-	13	25	27	10	7	7	-	-	2	5	5	-	-	-	-	-	-	-	-	
Service-producing industries	96	39.7	610	596	544 - 657	-	-	5	23	25	19	14	8	2	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
State and local government	13	40.0	547	-	- - -	-	-	23	38	23	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	277	39.6	792	795	712 - 872	-	-	-	-	2	9	10	14	19	13	17	12	2	2	(³)	-	-	-	-	-	-	-	-	
Private industry	254	39.6	799	798	719 - 872	-	-	-	-	1	8	10	13	19	13	19	12	2	2	(³)	-	-	-	-	-	-	-	-	
Goods-producing industries	142	39.7	818	815	750 - 889	-	-	-	-	-	7	4	14	16	15	25	14	3	1	1	-	-	-	-	-	-	-	-	
Manufacturing	141	39.7	818	815	750 - 889	-	-	-	-	-	7	4	14	16	15	24	14	3	1	1	-	-	-	-	-	-	-	-	
Service-producing industries	112	39.5	774	772	687 - 851	-	-	-	-	3	9	18	11	23	12	12	9	1	4	-	-	-	-	-	-	-	-	-	
State and local government	23	39.8	718	725	632 - 789	-	-	-	-	9	22	13	26	13	9	-	9	-	-	-	-	-	-	-	-	-	-	-	
Level IV	155	39.5	1,017	997	923 - 1,097	-	-	-	-	-	-	-	1	3	7	7	21	12	25	14	6	3	1	1	-	-	-	-	
Private industry	148	39.5	1,023	1,000	925 - 1,099	-	-	-	-	-	-	-	1	1	7	6	22	12	26	14	6	3	1	1	-	-	-	-	
Goods-producing industries	75	39.5	1,011	-	- - -	-	-	-	-	-	-	-	-	-	11	3	33	12	23	8	7	1	1	1	-	-	-	-	
Manufacturing	75	39.5	1,011	-	- - -	-	-	-	-	-	-	-	-	-	11	3	33	12	23	8	7	1	1	1	-	-	-	-	
Service-producing industries	73	39.6	1,036	-	- - -	-	-	-	-	-	-	-	3	3	3	10	10	12	29	21	5	5	-	-	-	-	-	-	
State and local government	7	39.5	893	-	- - -	-	-	-	-	-	-	-	-	29	14	29	-	14	14	-	-	-	-	-	-	-	-	-	
Level V	82	39.6	1,266	1,268	1,200 - 1,397	-	-	-	-	-	-	-	-	-	-	1	2	4	7	10	28	35	9	2	1	-	-		
Private industry	80	39.6	1,268	1,273	1,202 - 1,397	-	-	-	-	-	-	-	-	-	-	1	2	4	7	9	27	36	9	2	1	-	-		
Goods-producing industries	53	39.4	1,261	-	- - -	-	-	-	-	-	-	-	-	-	-	4	4	8	11	26	38	8	-	2	-	-	-	-	
Manufacturing	53	39.4	1,261	-	- - -	-	-	-	-	-	-	-	-	-	-	4	4	8	11	26	38	8	-	2	-	-	-	-	
Attorneys																													
Level II:																													
State and local government	19	40.0	948	963	846 - 1,029	-	-	-	-	-	-	-	-	5	21	11	5	16	37	5	-	-	-	-	-	-	-	-	
Level III	83	39.6	1,295	1,289	1,212 - 1,377	-	-	-	-	-	-	-	-	-	-	-	2	7	14	30	28	8	4	6	-	-	-		
Private industry	72	39.6	1,303	-	- - -	-	-	-	-	-	-	-	-	-	-	-	3	7	14	28	28	10	4	7	-	-	-		
Service-producing industries	66	39.8	1,290	-	- - -	-	-	-	-	-	-	-	-	-	-	-	3	8	15	27	30	8	5	5	-	-	-		
State and local government	11	39.8	1,241	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	9	18	45	27	-	-	-	-	-	-		
Engineers																													
Level I	113	40.0	675	678	598 - 712	-	-	-	8	18	1	42	18	6	6	2	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	104	40.0	683	678	678 - 712	-	-	-	9	12	1	44	19	7	7	2	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	86	40.0	671	678	678 - 692	-	-	-	10	13	-	52	17	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	296	40.0	785	735	696 - 874	-	-	-	(³)	3	25	24	9	10	9	10	7	1	1	-	-	-	-	-	-	-	-	-	
Private industry	253	40.0	777	727	696 - 853	-	-	-	-	4	28	24	9	9	11	10	3	1	1	-	-	-	-	-	-	-	-	-	
Goods-producing industries	211	40.0	765	727	696 - 822	-	-	-	-	4	32	27	9	8	6	8	3	1	1	-	-	-	-	-	-	-	-	-	
Manufacturing	211	40.0	765	727	696 - 822	-	-	-	-	4	32	27	9	8	6	8	3	1	1	-	-	-	-	-	-	-	-	-	
State and local government	43	40.0	832	826	736 - 964	-	-	-	-	2	2	5	23	14	12	2	9	28	2	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000		
Level III	813	40.0	\$974	\$972	\$854 - \$1,075	-	-	-	-	-	-	1	4	7	13	12	10	11	24	12	5	2	-	-	-	-		
Private industry	735	40.0	973	969	860 - 1,072	-	-	-	-	-	-	-	4	7	13	12	10	11	24	13	4	2	-	-	-	-		
Goods-producing industries	535	40.0	939	913	831 - 1,027	-	-	-	-	-	-	-	5	8	18	16	12	11	20	6	2	2	-	-	-	-		
Manufacturing	524	40.0	938	913	831 - 1,023	-	-	-	-	-	-	-	5	9	18	16	11	11	19	6	2	2	-	-	-	-		
State and local government	78	40.0	984	1,049	830 - 1,100	-	-	-	-	-	-	8	5	8	8	6	6	5	29	8	17	-	-	-	-	-		
Level IV	772	40.0	1,147	1,152	1,050 - 1,241	-	-	-	-	-	-	-	-	(³)	(³)	2	3	12	17	29	25	9	2	1	-	-		
Private industry	756	40.0	1,150	1,153	1,059 - 1,241	-	-	-	-	-	-	-	-	-	(³)	2	2	12	18	29	25	9	2	1	-	-		
Goods-producing industries	653	40.0	1,137	1,141	1,039 - 1,221	-	-	-	-	-	-	-	-	-	(³)	2	2	14	19	29	24	7	2	(³)	-	-		
Manufacturing	648	40.0	1,137	1,141	1,039 - 1,221	-	-	-	-	-	-	-	-	-	(³)	2	2	14	19	29	24	7	2	(³)	-	-		
Service-producing industries	103	40.0	1,229	1,220	1,150 - 1,290	-	-	-	-	-	-	-	-	-	-	-	3	7	30	36	17	4	3	-	-	-		
State and local government	16	40.0	1,027	946	919 - 1,146	-	-	-	-	-	-	-	6	6	-	44	6	13	6	-	19	-	-	-	-	-		
Level V	297	40.0	1,340	1,313	1,252 - 1,420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	39	27	18	5	3	(³)		
Private industry	295	40.0	1,339	1,313	1,252 - 1,420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	39	27	18	5	3	(³)		
Goods-producing industries	239	40.0	1,334	1,292	1,252 - 1,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	44	20	17	6	4	(³)		
Manufacturing	239	40.0	1,334	1,292	1,252 - 1,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	44	20	17	6	4	(³)		
Level VI	148	40.0	1,535	1,588	1,446 - 1,638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	8	20	18	39	3		
Private industry	148	40.0	1,535	1,588	1,446 - 1,638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	8	20	18	39	3		
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts																												
Level I	10	40.0	585	-	- - -	10	10	-	20	20	-	10	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	10	40.0	585	-	- - -	10	10	-	20	20	-	10	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	32	40.0	652	642	564 - 729	-	3	6	13	19	9	16	16	3	9	-	6	-	-	-	-	-	-	-	-	-	-	
State and local government	32	40.0	652	642	564 - 729	-	3	6	13	19	9	16	16	3	9	-	6	-	-	-	-	-	-	-	-	-	-	
Level III	10	39.4	842	-	- - -	-	-	-	-	-	-	-	-	20	50	20	-	-	10	-	-	-	-	-	-	-	-	
State and local government	10	39.4	842	-	- - -	-	-	-	-	-	-	-	-	20	50	20	-	-	10	-	-	-	-	-	-	-	-	
Buyers/Contracting Specialists																												
Level I:																												
State and local government	9	40.0	491	-	- - -	-	44	11	22	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	85	39.8	670	669	601 - 754	-	-	8	5	12	18	19	12	20	2	4	-	1	-	-	-	-	-	-	-	-	-	
Private industry	64	39.8	689	-	- - -	-	-	2	5	13	16	22	14	20	3	5	-	2	-	-	-	-	-	-	-	-	-	
State and local government	21	39.7	612	601	498 - 684	-	-	29	5	10	24	10	5	19	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	133	39.9	858	840	783 - 907	-	-	-	-	-	2	2	8	20	20	20	11	8	7	1	2	-	-	-	-	-	-	
Computer Programmers																												
Level II	117	39.4	638	636	602 - 673	-	-	3	7	14	40	19	11	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry	86	39.2	636	639	602 - 668	-	-	3	6	13	42	20	9	6	-	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	72	39.2	630	-	- - -	-	-	4	7	15	36	24	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	31	40.0	643	636	581 - 696	-	-	-	10	16	35	16	16	-	6	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000		
Level III	358	39.4	\$771	\$763	\$708 - \$835	-	-	-	-	3	9	10	19	22	17	11	6	3	1	-	-	-	-	-	-	-	-	-
Private industry	340	39.3	770	763	710 - 831	-	-	-	-	3	9	10	19	22	18	10	6	2	1	-	-	-	-	-	-	-	-	
Goods-producing industries	91	38.9	781	757	736 - 817	-	-	-	-	-	2	11	23	31	15	9	7	-	2	-	-	-	-	-	-	-	-	
Manufacturing	91	38.9	781	757	736 - 817	-	-	-	-	-	2	11	23	31	15	9	7	-	2	-	-	-	-	-	-	-	-	
Service-producing industries	249	39.5	767	766	696 - 832	-	-	-	-	4	11	10	18	19	18	10	6	3	(³)	-	-	-	-	-	-	-	-	
State and local government	18	39.7	788	811	701 - 885	-	-	-	-	6	11	6	17	11	-	33	11	6	-	-	-	-	-	-	-	-	-	
Computer Systems Analysts																												
Level I	185	39.3	825	823	765 - 900	-	-	-	-	-	2	8	10	18	25	11	17	6	2	-	-	-	-	-	-	-	-	
Private industry	174	39.3	831	831	769 - 909	-	-	-	-	-	2	7	9	17	25	12	18	6	2	-	-	-	-	-	-	-	-	
Service-producing industries	137	39.6	813	810	753 - 867	-	-	-	-	-	2	9	12	22	25	11	9	7	3	-	-	-	-	-	-	-	-	
State and local government	11	39.8	737	-	-	-	-	-	-	9	18	27	27	18	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	573	39.3	903	904	833 - 976	-	-	-	-	-	-	1	6	9	16	17	16	17	16	2	-	-	-	-	-	-	-	
Private industry	545	39.3	904	902	833 - 976	-	-	-	-	-	-	1	6	8	16	18	15	18	16	2	-	-	-	-	-	-	-	
Goods-producing industries	123	38.9	973	976	932 - 1,010	-	-	-	-	-	-	-	-	2	8	4	15	35	35	1	-	-	-	-	-	-	-	
Manufacturing	123	38.9	973	976	932 - 1,010	-	-	-	-	-	-	-	-	2	8	4	15	35	35	1	-	-	-	-	-	-	-	
Service-producing industries	422	39.5	884	877	816 - 952	-	-	-	-	-	2	7	10	19	22	15	13	10	2	-	-	-	-	-	-	-	-	
State and local government	28	39.3	889	912	823 - 943	-	-	-	-	-	-	7	11	14	11	14	11	36	11	11	-	-	-	-	-	-	-	
Level III	507	39.4	1,081	1,082	996 - 1,148	-	-	-	-	-	-	(³)	-	(³)	(³)	4	7	14	29	29	11	3	1	(³)	-	-		
Private industry	496	39.4	1,083	1,083	998 - 1,150	-	-	-	-	-	-	-	-	(³)	(³)	4	7	14	30	29	11	3	1	(³)	-	-		
Service-producing industries	430	39.6	1,081	1,079	993 - 1,148	-	-	-	-	-	-	-	-	(³)	(³)	5	7	15	29	27	12	3	1	(³)	-	-		
State and local government	11	39.7	1,001	-	-	-	-	-	-	-	9	-	-	-	9	-	-	27	18	27	9	-	-	-	-	-	-	
Level IV	82	39.2	1,235	1,249	1,162 - 1,309	-	-	-	-	-	-	-	-	-	-	-	-	6	9	18	35	27	2	1	1	-		
Private industry	82	39.2	1,235	1,249	1,162 - 1,309	-	-	-	-	-	-	-	-	-	-	-	-	6	9	18	35	27	2	1	1	-		
Computer Systems Analyst Supervisors/Managers																												
Level I:																												
State and local government	9	40.0	1,168	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	22	22	33	11	-	-	-	-	-	
Level II	106	39.9	1,306	1,331	1,212 - 1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	7	17	19	33	20	4	1	-		
Private industry	104	39.9	1,305	1,331	1,212 - 1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	7	16	19	34	20	3	1	-		
Service-producing industries	90	39.9	1,292	1,310	1,174 - 1,388	-	-	-	-	-	-	-	-	-	-	-	-	-	8	19	22	30	18	3	-	-		
Personnel Specialists																												
Level II	106	39.7	689	642	606 - 771	-	-	5	5	15	26	13	8	5	7	6	7	2	3	-	-	-	-	-	-	-		
Private industry	85	39.6	681	642	593 - 724	-	-	6	4	16	29	14	7	1	7	5	5	2	4	-	-	-	-	-	-	-		
Service-producing industries	55	39.3	621	-	-	-	-	9	5	25	25	22	5	-	5	2	-	-	-	-	-	-	-	-	-	-		
State and local government	21	40.0	723	727	620 - 817	-	-	-	10	10	14	10	10	19	5	10	14	-	-	-	-	-	-	-	-	-		
Level III	184	39.9	874	882	759 - 952	-	-	-	-	1	4	7	10	13	9	14	17	5	13	3	-	-	-	-	-	-		
Private industry	149	39.9	892	889	780 - 989	-	-	-	-	1	3	7	8	10	8	15	18	6	15	4	4	1	-	-	-	-		
Goods-producing industries	64	40.0	960	-	-	-	-	-	-	-	-	-	5	5	5	22	25	8	14	6	9	2	-	-	-	-		
Manufacturing	64	40.0	960	-	-	-	-	-	-	-	-	-	5	5	5	22	25	8	14	6	9	2	-	-	-	-		
Service-producing industries	85	39.8	841	827	731 - 931	-	-	-	-	1	5	13	11	14	11	11	13	5	15	2	-	-	-	-	-	-		
Transportation and utilities	25	40.0	1,004	-	-	-	-	-	-	-	-	-	-	-	-	8	20	16	48	8	-	-	-	-	-	-		
State and local government	35	39.9	795	767	713 - 889	-	-	-	-	-	9	6	20	26	11	9	11	3	6	-	-	-	-	-	-	-		

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle 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 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1800	1800 - 2000
Level IV	144	39.6	\$1,050	\$1,011	\$913 - \$1,140	-	-	-	-	-	-	-	1	1	4	11	16	13	21	17	8	4	2	3	-	-
Private industry	127	39.7	1,057	1,029	913 - 1,150	-	-	-	-	-	-	-	1	1	5	10	16	12	20	17	9	5	2	3	-	-
Service-producing industries	81	39.4	1,012	983	904 - 1,104	-	-	-	-	-	-	-	1	1	7	15	16	11	20	16	9	4	-	-	-	-
State and local government	17	39.1	995	984	926 - 1,037	-	-	-	-	-	-	-	-	-	-	18	18	24	29	12	-	-	-	-	-	-
Level V	56	39.8	1,312	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	9	25	20	21	16	2	4	4
Private industry	56	39.8	1,312	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	9	25	20	21	16	2	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.

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.

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

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																		
			Mean	Median	Middle 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 - 750	750 - 800	800 - 900	900 - 1000
TECHNICAL OCCUPATIONS																								
Computer Operators																								
Level II	184	39.6	\$460	\$464	\$421 - \$508	9	7	4	8	15	12	11	17	12	4	1	1	-	-	-	-	-	-	-
Private industry	153	39.5	458	464	413 - 508	9	8	5	8	12	11	9	19	13	3	1	1	-	-	-	-	-	-	-
Service-producing industries	114	39.3	443	447	384 - 488	12	11	7	10	15	13	12	6	8	4	1	1	-	-	-	-	-	-	-
State and local government	31	40.0	468	462	440 - 502	6	-	-	3	29	16	19	10	6	6	-	3	-	-	-	-	-	-	-
Level III	155	39.7	571	576	502 - 620	-	-	2	1	5	4	12	8	10	10	15	17	5	5	1	5	-	2	-
Private industry	138	39.7	570	576	502 - 620	-	-	2	1	5	4	12	7	8	10	17	18	4	3	1	5	-	2	-
Service-producing industries	108	39.6	561	566	499 - 606	-	-	3	1	5	6	11	7	8	13	21	13	4	4	1	1	-	3	-
State and local government	17	39.6	576	562	526 - 634	-	-	-	-	-	-	12	24	6	6	12	12	18	-	-	-	-	-	-
Drafters																								
Level II	64	39.9	491	-	- - -	-	-	5	16	8	2	41	8	2	2	-	17	-	-	2	-	-	-	-
State and local government	27	39.8	482	493	441 - 493	-	-	11	-	15	-	56	7	4	4	-	-	-	-	4	-	-	-	-
Engineering Technicians																								
Level III	234	40.0	601	586	547 - 660	-	-	-	-	-	4	-	6	17	21	5	6	15	12	11	1	1	2	-
Private industry	229	40.0	602	586	547 - 660	-	-	-	-	-	4	-	4	17	21	5	7	15	12	11	1	1	2	-
Level IV	188	40.0	713	713	646 - 762	-	-	-	-	-	-	-	-	-	1	2	10	13	10	3	27	27	6	1
Private industry	188	40.0	713	713	646 - 762	-	-	-	-	-	-	-	-	-	1	2	10	13	10	3	27	27	6	1
Goods-producing industries	170	40.0	714	713	646 - 762	-	-	-	-	-	-	-	-	-	1	2	9	14	9	2	26	28	6	1
Manufacturing	170	40.0	714	713	646 - 762	-	-	-	-	-	-	-	-	-	1	2	9	14	9	2	26	28	6	1
Engineering Technicians, Civil																								
Level II	8	40.0	512	-	- - -	-	-	-	13	-	-	38	25	-	-	25	-	-	-	-	-	-	-	-
State and local government	8	40.0	512	-	- - -	-	-	-	13	-	-	38	25	-	-	25	-	-	-	-	-	-	-	-
Level III	121	40.0	625	640	593 - 651	-	-	-	-	-	2	1	4	9	11	2	45	26	-	2	-	-	-	-
State and local government	120	40.0	625	640	593 - 651	-	-	-	-	-	2	1	4	9	11	2	44	26	-	2	-	-	-	-
Level IV:																								
State and local government	14	39.3	703	-	- - -	-	-	-	-	-	-	-	-	-	7	14	-	21	-	14	43	-	-	-
PROTECTIVE SERVICE OCCUPATIONS																								
Corrections Officers																								
State and local government	989	40.0	419	373	373 - 490	-	60	3	1	2	5	13	7	5	2	(³)	(³)	-	(³)	-	-	-	-	-
State and local government	989	40.0	419	373	373 - 490	-	60	3	1	2	5	13	7	5	2	(³)	(³)	-	(³)	-	-	-	-	-

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																		
			Mean	Median	Middle 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 - 750	750 - 800	800 - 900	900 - 1000
Firefighters	708	48.0	\$716	\$738	\$669 - \$738	-	-	-	-	-	-	-	-	-	-	-	-	7	22	-	71	-	-	-
State and local government	708	48.0	716	738	669 - 738	-	-	-	-	-	-	-	-	-	-	-	-	7	22	-	71	-	-	-
Police Officers																								
Level I	1,922	40.0	668	702	637 - 702	-	-	-	(³)	(³)	(³)	2	2	1	3	1	4	19	1	13	52	1	(³)	-
State and local government	1,837	40.0	669	702	637 - 702	-	-	-	(³)	(³)	(³)	3	2	1	2	(³)	4	20	1	13	53	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.

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.

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

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 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 - 950		
Clerks, Accounting																												
Level I:																												
State and local government	19	39.3	\$397	\$398	\$373 - \$425	-	-	-	-	21	5	26	32	5	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	463	39.7	379	375	305 - 436	-	8	15	8	10	10	9	10	10	7	6	2	2	3	-	-	-	-	-	-	-	-	-
Private industry	397	39.8	372	367	295 - 427	-	9	18	9	8	11	9	10	9	5	6	1	2	4	-	-	-	-	-	-	-	-	-
Goods-producing industries	112	39.9	423	425	346 - 491	-	-	24	-	3	-	11	12	12	6	10	4	6	13	-	-	-	-	-	-	-	-	-
Manufacturing	111	39.9	423	425	346 - 492	-	-	24	-	3	-	10	12	12	6	10	4	6	14	-	-	-	-	-	-	-	-	-
Service-producing industries	285	39.7	352	346	294 - 402	-	13	15	12	10	15	8	9	8	5	4	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	66	39.3	423	435	380 - 462	-	-	-	-	20	5	9	12	18	20	11	5	2	-	-	-	-	-	-	-	-	-	-
Level III	413	39.3	480	474	433 - 530	-	-	-	1	(³)	4	10	7	10	19	16	6	9	12	2	3	(³)	-	-	-	-	-	-
Private industry	325	39.4	476	471	426 - 521	-	-	-	1	-	5	11	8	10	16	19	6	8	10	2	4	-	-	-	-	-	-	-
Goods-producing industries	129	39.3	522	491	475 - 565	-	-	-	-	-	-	-	2	5	18	28	5	10	19	5	9	-	-	-	-	-	-	-
Manufacturing	129	39.3	522	491	475 - 565	-	-	-	-	-	-	-	2	5	18	28	5	10	19	5	9	-	-	-	-	-	-	-
Service-producing industries	196	39.4	446	441	394 - 490	-	-	-	2	-	8	18	12	14	15	13	6	6	5	1	1	-	-	-	-	-	-	-
State and local government	88	39.1	494	474	452 - 544	-	-	-	-	1	-	8	2	10	30	6	8	15	17	1	2	-	-	-	-	-	-	-
Level IV	94	40.0	633	623	523 - 706	-	-	-	-	-	-	-	-	6	1	7	11	2	16	18	13	7	-	18	-	-	-	-
Private industry	81	39.9	649	639	575 - 733	-	-	-	-	-	-	-	-	-	7	-	4	10	2	11	21	15	9	-	21	-	-	-
State and local government	13	40.0	535	-	-	-	-	-	-	-	-	-	-	-	8	31	15	-	46	-	-	-	-	-	-	-	-	-
Clerks, General																												
Level II	727	39.9	345	338	309 - 378	1	6	10	23	14	10	30	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	346	39.9	326	320	296 - 353	2	12	13	31	14	12	6	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	346	39.9	326	320	296 - 353	2	12	13	31	14	12	6	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	381	40.0	363	378	338 - 390	-	-	7	16	13	8	51	2	(³)	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Level III	587	39.6	411	415	377 - 448	-	1	2	5	6	11	14	26	12	14	4	4	1	-	-	-	-	-	-	-	-	-	-
Private industry	283	39.5	381	385	350 - 415	-	1	4	10	11	20	13	27	10	3	1	1	(³)	-	-	-	-	-	-	-	-	-	-
Service-producing industries	282	39.5	381	385	350 - 415	-	1	4	10	11	20	13	27	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-
State and local government	304	39.7	438	433	412 - 468	-	-	-	1	2	3	15	25	14	24	7	7	2	-	-	-	-	-	-	-	-	-	-
Level IV	493	39.9	479	459	401 - 512	-	-	-	3	5	9	7	12	10	9	13	13	5	2	3	1	(³)	2	6	-	-	-	
State and local government	132	39.9	495	497	455 - 520	-	-	-	-	-	2	2	8	11	5	27	23	11	2	9	-	-	-	-	-	-	-	-
Key Entry Operators																												
Level I	203	39.7	364	344	321 - 434	-	2	3	23	30	9	3	2	24	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Private industry	95	39.4	343	344	312 - 367	-	4	6	31	27	16	7	2	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	83	39.7	340	328	309 - 367	-	5	7	35	24	13	6	2	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	108	40.0	383	362	339 - 434	-	-	-	16	31	4	-	2	44	1	-	2	-	-	-	-	-	-	-	-	-	-	-
Level II	137	39.4	403	380	354 - 451	-	-	-	11	10	25	9	15	4	13	3	2	2	1	1	3	-	-	-	-	-	-	-
Private industry	98	39.5	401	380	356 - 425	-	-	-	8	10	29	13	13	5	14	1	-	-	2	4	-	-	-	-	-	-	-	-
Service-producing industries	70	39.9	377	-	-	-	-	-	11	14	40	16	3	1	11	1	-	-	1	-	-	-	-	-	-	-	-	-
State and local government	39	39.0	411	406	342 - 480	-	-	-	18	10	15	-	18	3	10	8	8	8	3	-	-	-	-	-	-	-	-	-
Personnel Assistants (Employment)																												
Level III:																												
State and local government	9	39.7	520	-	-	-	-	-	-	-	-	-	-	11	-	44	-	11	33	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 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 - 950		
Secretaries																												
Level I	69	38.6	\$378	-	-	-	-	-	7	14	19	19	13	3	9	3	10	1	1	-	-	-	-	-	-	-	-	
Private industry	67	38.6	379	-	-	-	-	-	7	15	19	16	13	3	9	3	10	1	1	-	-	-	-	-	-	-	-	
Service-producing industries	67	38.6	379	-	-	-	-	-	7	15	19	16	13	3	9	3	10	1	1	-	-	-	-	-	-	-	-	
Level II	462	39.7	531	\$525	\$478	-	\$570	-	-	-	(³)	2	4	6	3	8	19	7	13	22	2	6	6	1	-	-	-	
Private industry	216	39.9	560	570	456	-	693	-	-	-	(³)	3	4	9	4	6	4	7	7	23	4	14	13	1	-	-	-	
Service-producing industries	132	39.8	495	507	425	-	570	-	-	-	1	5	6	13	7	9	7	8	9	33	2	-	-	-	-	-	-	
State and local government	246	39.6	505	499	478	-	547	-	-	-	-	1	4	3	2	10	33	7	18	22	-	-	-	-	-	-	-	
Level III	533	39.4	566	574	504	-	615	-	-	-	(³)	(³)	1	2	3	6	9	13	9	24	21	7	3	2	-	1	-	
Private industry	419	39.7	563	567	500	-	615	-	-	-	(³)	(³)	1	2	3	6	11	11	9	20	26	5	2	2	-	1	-	
Goods-producing industries	85	40.0	652	635	600	-	693	-	-	-	-	-	-	-	-	-	-	1	5	19	46	7	7	11	-	5	-	
Manufacturing	84	40.0	653	635	599	-	693	-	-	-	-	-	-	-	-	-	-	1	5	19	45	7	7	11	-	5	-	
Service-producing industries	334	39.6	541	540	487	-	602	-	-	-	1	(³)	1	2	4	8	13	14	10	20	20	5	1	-	-	-	-	
State and local government	114	38.5	577	587	524	-	597	-	-	-	-	-	2	1	5	4	17	9	39	6	12	6	-	-	-	-	-	
Level IV	334	39.7	634	640	571	-	694	-	-	-	-	-	(³)	1	3	2	4	5	21	18	22	13	8	3	-	(³)	-	
Private industry	279	39.7	638	646	571	-	710	-	-	-	-	-	(³)	1	3	2	4	6	19	16	22	13	9	4	-	(³)	-	
Service-producing industries	193	39.5	646	660	569	-	717	-	-	-	-	-	1	2	4	3	4	7	12	15	20	18	12	4	-	1	-	
State and local government	55	39.5	612	620	587	-	658	-	-	-	-	-	2	5	2	7	4	27	25	18	9	-	-	-	-	-	-	
Level V	66	39.7	726	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	14	26	12	26	12	6	2	-	
Private industry	63	39.6	728	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	14	22	13	27	13	6	2	-	
Switchboard Operator-Receptionists																												
Private industry	74	39.2	358	-	-	-	-	3	7	16	14	12	3	11	8	24	1	1	-	-	-	-	-	-	-	-	-	-
Private industry	55	39.5	349	-	-	-	-	4	9	22	7	15	4	9	7	22	-	2	-	-	-	-	-	-	-	-	-	-
State and local government	19	38.6	387	397	310	-	448	-	-	-	32	5	-	16	11	32	5	-	-	-	-	-	-	-	-	-	-	-
Word Processors																												
Level II	174	39.9	506	526	471	-	550	-	-	-	2	-	2	4	2	23	10	3	30	21	1	-	1	-	-	-	-	

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.

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

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

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 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 - 21.00
Forklift Operators	827	\$15.19	\$14.70	\$14.00 - \$19.01	-	-	-	-	-	-	-	-	-	-	-	6	6	5	3	-	47	2	-	2	(²)	27	2
Private industry	827	15.19	14.70	14.00 - 19.01	-	-	-	-	-	-	-	-	-	-	-	6	6	5	3	-	47	2	-	2	(²)	27	2
Goods-producing industries	505	15.95	15.59	14.00 - 19.01	-	-	-	-	-	-	-	-	-	-	-	10	9	1	-	-	29	2	-	3	-	44	3
Manufacturing	505	15.95	15.59	14.00 - 19.01	-	-	-	-	-	-	-	-	-	-	-	10	9	1	-	-	29	2	-	3	-	44	3
Guards																											
Level I	1,720	7.26	6.50	5.75 - 7.50	-	13	16	21	13	13	3	3	1	3	1	1	1	6	4	(²)	1	1	1	-	-	-	-
Private industry	1,523	6.73	6.25	5.50 - 7.00	-	14	18	23	15	14	3	3	2	2	1	(²)	(²)	2	-	(²)	2	1	1	-	-	-	-
Goods-producing industries	73	13.73	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	33	-	-	32	15	16	-	-	-	-
Manufacturing	73	13.73	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	33	-	-	32	15	16	-	-	-	-
Service-producing industries	1,450	6.38	6.00	5.50 - 7.00	-	15	19	24	15	15	3	4	2	2	1	(²)	(²)	(²)	-	(²)	-	-	-	-	-	-	-
State and local government	197	11.37	11.83	10.69 - 12.26	-	-	-	-	-	4	-	-	-	11	-	6	10	34	34	3	-	-	-	-	-	-	-
Level II	458	11.32	11.32	9.38 - 12.92	-	-	-	-	-	-	1	2	28	5	2	3	25	10	16	6	1	1	-	-	-	-	-
Private industry	170	12.08	12.69	10.34 - 13.30	-	-	-	-	-	-	3	4	4	13	2	4	8	17	37	2	4	3	-	-	-	-	-
Service-producing industries	140	12.05	12.70	10.03 - 13.30	-	-	-	-	-	-	4	5	4	13	2	4	9	14	36	2	4	4	-	-	-	-	-
State and local government	288	10.87	11.06	9.38 - 11.32	-	-	-	-	-	-	-	-	-	42	-	2	35	6	4	8	-	-	-	-	-	-	-
Janitors	2,808	9.40	9.31	8.06 - 10.38	(²)	3	6	3	3	3	6	7	10	14	11	11	12	2	4	2	2	-	-	-	3	-	-
Private industry	1,935	9.22	9.05	7.58 - 10.11	(²)	4	8	4	4	3	7	9	7	14	6	15	6	1	3	2	2	-	-	-	4	-	-
Goods-producing industries	239	13.31	12.54	9.87 - 18.75	-	-	-	-	1	-	1	1	9	11	2	5	2	2	21	13	5	-	-	-	28	-	-
Manufacturing	239	13.31	12.54	9.87 - 18.75	-	-	-	-	1	-	1	1	9	11	2	5	2	2	21	13	5	-	-	-	28	-	-
Service-producing industries	1,696	8.64	8.92	7.09 - 10.06	(²)	5	9	5	4	4	7	10	7	14	7	16	7	1	(²)	1	2	-	-	-	1	-	-
State and local government	873	9.80	9.93	8.96 - 10.73	-	-	-	(²)	1	2	5	3	15	15	20	3	25	4	6	(²)	-	-	-	-	-	-	-
Shipping/Receiving Clerks	154	12.94	11.85	7.30 - 19.22	-	-	6	6	12	6	6	-	1	1	1	1	5	11	3	-	-	-	-	-	-	40	2
Private industry	154	12.94	11.85	7.30 - 19.22	-	-	6	6	12	6	6	-	1	1	1	1	5	11	3	-	-	-	-	-	-	40	2
Goods-producing industries	129	13.37	11.85	6.85 - 19.22	-	-	7	7	14	7	7	-	-	-	-	-	-	9	-	-	-	-	-	-	-	47	2
Manufacturing	129	13.37	11.85	6.85 - 19.22	-	-	7	7	14	7	7	-	-	-	-	-	-	9	-	-	-	-	-	-	-	47	2
Truckdrivers																											
Medium Truck:																											
State and local government	9	13.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	22	67	-	-	-	-	-	-
Tractor Trailer	929	15.56	15.87	12.47 - 19.60	-	-	-	-	-	-	-	-	-	-	-	9	2	2	22	2	1	28	1	-	-	11	20
Private industry	928	15.55	15.87	12.47 - 19.60	-	-	-	-	-	-	-	-	-	-	-	9	2	2	23	2	1	28	1	-	-	11	20
Goods-producing industries	53	17.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	6	-	-	-	11	34
Service-producing industries	875	15.44	15.87	12.47 - 19.60	-	-	-	-	-	-	-	-	-	-	-	9	3	3	24	2	1	26	1	-	-	11	20
Warehouse Specialists	601	11.41	11.31	8.40 - 14.70	-	-	-	1	2	9	7	5	3	6	4	4	4	10	6	2	29	2	4	-	-	-	-
Private industry	517	11.24	11.32	8.00 - 14.70	-	-	-	2	2	11	9	6	4	4	3	4	2	10	5	2	33	3	-	-	-	-	-
Service-producing industries	486	11.48	11.58	8.40 - 14.70	-	-	-	2	1	8	9	7	4	5	3	4	2	11	5	2	35	3	-	-	-	-	-
State and local government	84	12.45	11.14	9.98 - 16.48	-	-	-	-	-	-	-	-	-	-	14	11	6	17	8	10	2	1	-	31	-	-	-

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.

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

Appendix A. Scope and Method of Survey

Scope

This survey of the Cleveland, OH Primary 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, OH Primary Metropolitan Statistical Area (July 1992). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

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

Survey design

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

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

Data collection and payroll reference

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

Occupational pay

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

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

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

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

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

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

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

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

Survey nonresponse

Data were not available from 12.2 percent of the sample establishments (representing 60,507 employees covered by the survey). An additional 4.9 percent of the sample establishments (representing 27,233 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 five 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 five jobs were Engineers IV (7.1 percent), Buyers/Contracting Specialists II (7.4 percent), Buyers/Contracting Specialists III (7.4 percent), Personnel Specialists II (8.3 percent), and Personnel Specialists III (11.8 percent).

Reliability of estimates

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

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

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

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	5.4
1 and under 3 percent	60.1
3 and under 5 percent	29.8
5 percent and over	4.8

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

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

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

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

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

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.

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

Industry division ²	Number of establishments		Workers in establishments		
	Within scope of survey ³	Studied	Within scope of survey ⁴		Studied
			Number	Percent	
ALL ESTABLISHMENTS					
All divisions	2,356	279	571,435	100	229,856
Private industry	2,208	252	483,531	85	174,714
Goods producing	696	66	150,548	26	40,726
Manufacturing	599	56	139,830	24	38,798
Construction ⁵	94	8	10,050	2	1,460
Service producing	1,512	186	332,983	58	133,988
Transportation, communication, electric, gas, and sanitary services ⁶	105	18	30,436	5	14,386
Wholesale trade ⁷	173	9	24,098	4	2,268
Retail trade ⁷	348	17	85,707	15	19,224
Finance, insurance, and real estate ⁷	143	20	35,109	6	23,093
Services ⁷	743	122	157,633	28	75,017
State and local government	148	27	87,904	15	55,142
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	211	96	296,586	100	197,935
Private industry	180	82	231,507	78	145,604
Goods producing	49	18	60,778	20	32,213
Manufacturing	48	17	60,278	20	31,713
Service producing	131	64	170,729	58	113,391
Transportation, communication, electric, gas, and sanitary services ⁶	4	4	11,837	4	11,837
Retail trade ⁷	48	8	54,736	18	18,184
Finance, insurance, and real estate ⁷	15	10	24,834	8	21,693
Services ⁷	61	41	75,890	26	60,533
State and local government	31	14	65,079	22	52,331

¹ The Cleveland Primary Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Cuyahoga, Geauga, Lake, and Medina 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.