

Occupational Compensation Survey: Pay Only

**Milwaukee, Wisconsin,
Metropolitan Area,
August 1996**



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-38

Preface

This bulletin provides results of an August 1996 survey of occupational pay in the Milwaukee 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, IL, 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.

Material in this bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 606-STAT; TDD phone: (202) 606-5897; TDD message referral phone: 1-800-326-2577.

Occupational Compensation Survey: Pay Only

Milwaukee, Wisconsin, Metropolitan Area, August 1996



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

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

January 1997

Bulletin 3085-38

Contents

	Page		Page
Introduction	2	Tables—Continued	
Tables:			
All establishments:		Establishments employing 500 workers or more:	
A-1. Weekly hours and pay of professional and administrative occupations	3	A-7. Weekly hours and pay of technical and protective service occupations	19
A-2. Weekly hours and pay of technical and protective service occupations	7	A-8. Weekly hours and pay of clerical occupations	21
A-3. Weekly hours and pay of clerical occupations	9	A-9. Hourly pay of maintenance and toolroom occupations	23
A-4. Hourly pay of maintenance and toolroom occupations	12	A-10. Hourly pay of material movement and custodial occupations	24
A-5. Hourly pay of material movement and custodial occupations	13		
Establishments employing 500 workers or more:		Appendixes:	
A-6. Weekly hours and pay of professional and administrative occupations	15	A. Scope and method of survey	A-1
		B. Occupational descriptions	B-1

Introduction

This survey of occupational pay in the Milwaukee, WI Primary Metropolitan Statistical Area (Milwaukee, Ozaukee, Washington, and Waukesha 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, Milwaukee, WI, August 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	400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
PROFESSIONAL OCCUPATIONS																											
Accountants																											
Level I	130	40.0	\$543	\$529	\$500 - \$569	-	17	52	15	7	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	111	40.0	535	519	500 - 534	-	20	59	5	7	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	61	40.0	553	-	- - -	-	5	67	3	10	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	61	40.0	553	-	- - -	-	5	67	3	10	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	19	40.0	592	569	556 - 583	-	-	5	74	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	414	40.0	608	587	538 - 635	1	5	21	29	23	3	7	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	377	40.0	599	587	529 - 621	2	5	23	31	23	2	6	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	232	40.0	613	587	529 - 621	-	-	30	30	18	2	9	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	232	40.0	613	587	529 - 621	-	-	30	30	18	2	9	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	145	40.0	578	577	538 - 615	4	13	11	33	32	1	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	37	39.9	690	679	611 - 716	-	-	8	5	24	19	22	5	16	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	322	39.9	811	808	712 - 889	-	-	-	-	4	18	13	11	34	17	3	1	-	-	-	-	-	-	-	-	-	-
Private industry	274	39.9	816	810	712 - 889	-	-	-	-	3	18	11	11	35	17	4	1	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	106	39.8	870	884	808 - 980	-	-	-	-	1	8	5	10	37	30	8	1	-	-	-	-	-	-	-	-	-	-
Manufacturing	106	39.8	870	884	808 - 980	-	-	-	-	1	8	5	10	37	30	8	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	168	40.0	782	777	698 - 842	-	-	-	-	4	24	15	11	35	8	2	1	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	34	40.0	836	-	- - -	-	-	-	-	9	6	12	6	32	29	3	3	-	-	-	-	-	-	-	-	-	-
State and local government	48	40.0	780	754	699 - 823	-	-	-	-	10	15	23	13	23	17	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	205	40.0	1,047	1,039	939 - 1,081	-	-	-	-	-	-	1	-	14	19	43	10	5	4	1	1	-	-	-	-	-	-
Private industry	195	40.0	1,050	1,039	939 - 1,081	-	-	-	-	-	-	1	-	13	19	45	9	6	5	2	2	-	-	-	-	-	-
Goods-producing industries	146	40.0	1,060	1,058	927 - 1,119	-	-	-	-	-	-	1	-	13	16	44	12	3	6	2	2	-	-	-	-	-	-
Manufacturing	130	40.0	1,062	1,058	927 - 1,119	-	-	-	-	-	-	2	-	15	18	37	14	3	7	2	2	-	-	-	-	-	-
State and local government	10	40.0	984	-	- - -	-	-	-	-	-	-	-	-	30	20	20	30	-	-	-	-	-	-	-	-	-	-
Attorneys																											
Level II:																											
State and local government	14	39.6	1,157	-	- - -	-	-	-	-	-	-	-	-	-	-	50	14	21	14	-	-	-	-	-	-	-	-
Level III	76	40.0	1,340	-	- - -	-	-	-	-	-	-	-	-	5	5	4	12	18	14	17	7	5	11	1	-	-	-
State and local government	66	40.0	1,326	1,323	1,194 - 1,448	-	-	-	-	-	-	-	-	6	6	3	12	20	15	18	3	5	12	-	-	-	-
Level IV:																											
State and local government	8	40.0	1,645	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	25	13	25	-	-	25	-	13	-	13
Engineers																											
Level I	228	40.0	685	687	615 - 734	-	-	-	16	22	18	23	15	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	207	40.0	691	687	637 - 734	-	-	-	11	23	19	25	16	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	199	40.0	692	687	637 - 734	-	-	-	10	23	20	25	16	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	151	40.0	701	726	647 - 758	-	-	-	13	20	5	33	21	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	866	40.0	804	798	747 - 865	-	-	-	-	3	15	7	26	36	11	2	-	-	-	-	-	-	-	-	-	-	-
Private industry	768	40.0	805	798	750 - 863	-	-	-	-	2	16	7	26	37	10	2	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	735	40.0	804	798	750 - 864	-	-	-	-	2	16	7	27	36	10	2	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	687	40.0	806	798	740 - 878	-	-	-	-	2	17	7	24	36	11	2	-	-	-	-	-	-	-	-	-	-	-
State and local government	98	40.0	793	807	718 - 879	-	-	-	-	11	7	11	19	30	21	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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	400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
Level III	2,009	40.0	\$989	\$980	\$899 – \$1,064	—	—	—	—	—	1	1	2	22	29	26	12	7	—	—	—	—	—	—	—	—	
Private industry	1,867	40.0	997	992	904 – 1,077	—	—	—	—	—	—	1	2	20	30	27	13	7	—	—	—	—	—	—	—	—	
Goods-producing industries	1,675	40.0	988	978	904 – 1,051	—	—	—	—	—	—	1	1	22	32	28	9	7	—	—	—	—	—	—	—	—	
Manufacturing	1,671	40.0	988	979	904 – 1,051	—	—	—	—	—	—	1	1	22	32	28	9	7	—	—	—	—	—	—	—	—	
State and local government	142	40.0	876	868	804 – 968	—	—	—	—	—	11	7	3	41	18	20	—	—	—	—	—	—	—	—	—	—	
Level IV	1,579	40.0	1,121	1,112	1,016 – 1,213	—	—	—	—	—	—	—	—	3	18	24	26	18	8	2	(³)	—	—	—	—	—	
Private industry	1,463	40.0	1,128	1,124	1,026 – 1,223	—	—	—	—	—	—	—	—	3	17	24	26	19	9	2	(³)	—	—	—	—	—	
Goods-producing industries	1,391	40.0	1,125	1,116	1,025 – 1,216	—	—	—	—	—	—	—	—	3	17	25	26	17	9	2	(³)	—	—	—	—	—	
Manufacturing	1,389	40.0	1,125	1,115	1,025 – 1,216	—	—	—	—	—	—	—	—	3	17	25	26	17	9	2	(³)	—	—	—	—	—	
State and local government	116	40.0	1,035	1,016	953 – 1,113	—	—	—	—	—	—	—	—	9	36	24	25	6	—	—	—	—	—	—	—	—	
Level V	721	40.0	1,292	1,272	1,196 – 1,394	—	—	—	—	—	—	—	—	—	1	3	23	28	22	17	4	2	1	—	—	—	
Private industry	701	40.0	1,294	1,272	1,196 – 1,394	—	—	—	—	—	—	—	—	—	1	2	23	28	21	17	4	2	1	—	—	—	
Goods-producing industries	673	40.0	1,293	1,271	1,193 – 1,394	—	—	—	—	—	—	—	—	—	1	2	23	28	21	18	4	2	1	—	—	—	
Manufacturing	673	40.0	1,293	1,271	1,193 – 1,394	—	—	—	—	—	—	—	—	—	1	2	23	28	21	18	4	2	1	—	—	—	
State and local government	20	40.0	1,248	1,277	1,150 – 1,316	—	—	—	—	—	—	—	—	—	—	20	10	25	35	5	5	—	—	—	—	—	
Level VI	219	39.9	1,656	1,646	1,556 – 1,743	—	—	—	—	—	—	—	—	—	—	—	—	2	14	21	26	18	15	1	3		
Private industry	219	39.9	1,656	1,646	1,556 – 1,743	—	—	—	—	—	—	—	—	—	—	—	—	2	14	21	26	18	15	1	3		
Goods-producing industries	217	39.9	1,656	1,646	1,556 – 1,743	—	—	—	—	—	—	—	—	—	—	—	—	2	14	20	26	18	15	1	3		
Manufacturing	217	39.9	1,656	1,646	1,556 – 1,743	—	—	—	—	—	—	—	—	—	—	—	—	2	14	20	26	18	15	1	3		
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts																											
Level III:																											
State and local government	12	40.0	809	—	— – —	—	—	—	—	—	—	25	33	33	8	—	—	—	—	—	—	—	—	—	—	—	
Buyers/Contracting Specialists																											
Level II	385	39.9	682	654	619 – 731	—	—	5	16	25	9	28	7	7	3	—	—	—	—	—	—	—	—	—	—	—	
Private industry	366	39.9	679	652	619 – 731	—	—	5	17	25	8	28	7	5	3	—	—	—	—	—	—	—	—	—	—	—	
Goods-producing industries	345	39.9	678	652	619 – 731	—	—	6	18	25	8	29	6	6	3	—	—	—	—	—	—	—	—	—	—	—	
Manufacturing	345	39.9	678	652	619 – 731	—	—	6	18	25	8	29	6	6	3	—	—	—	—	—	—	—	—	—	—	—	
State and local government	19	40.0	738	709	652 – 832	—	—	—	—	21	11	26	5	37	—	—	—	—	—	—	—	—	—	—	—	—	
Level III	204	40.0	914	908	865 – 1,000	—	—	—	—	—	3	8	(³)	31	27	28	—	2	—	—	—	—	—	—	—	—	
Private industry	194	40.0	921	908	865 – 1,000	—	—	—	—	—	2	7	1	31	28	29	—	3	—	—	—	—	—	—	—	—	
Goods-producing industries	184	40.0	924	908	865 – 1,000	—	—	—	—	—	2	8	1	29	29	29	—	3	—	—	—	—	—	—	—	—	
Manufacturing	184	40.0	924	908	865 – 1,000	—	—	—	—	—	2	8	1	29	29	29	—	3	—	—	—	—	—	—	—	—	
State and local government	10	40.0	779	—	— – —	—	—	—	—	—	40	20	—	20	10	10	—	—	—	—	—	—	—	—	—	—	
Computer Programmers																											
Level I	157	40.0	605	615	596 – 625	—	4	10	18	62	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Private industry	155	40.0	605	615	596 – 626	—	4	10	17	63	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Level II	364	39.9	663	658	627 – 710	—	—	5	9	30	27	23	5	1	—	—	—	—	—	—	—	—	—	—	—	—	
Private industry	337	39.9	662	658	630 – 707	—	—	4	8	31	28	22	5	1	—	—	—	—	—	—	—	—	—	—	—	—	
Goods-producing industries	51	39.9	662	—	— – —	—	—	—	2	55	20	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manufacturing	51	39.9	662	—	— – —	—	—	—	2	55	20	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Service-producing industries	286	39.9	662	658	625 – 707	—	—	5	9	27	30	22	6	1	—	—	—	—	—	—	—	—	—	—	—	—	
State and local government	27	39.8	664	673	578 – 745	—	—	7	19	19	15	33	4	4	—	—	—	—	—	—	—	—	—	—	—	—	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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		400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100
Level III	685	40.0	\$794	\$804	\$738 -	\$860	-	-	-	2	3	11	11	22	39	13	-	-	-	-	-	-	-	-	-	-	-
Private industry	656	40.0	796	805	744 -	862	-	-	-	2	3	11	10	22	39	13	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	136	40.0	796	790	731 -	856	-	-	-	-	-	11	15	24	42	8	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	136	40.0	796	790	731 -	856	-	-	-	-	-	11	15	24	42	8	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	520	40.0	797	808	746 -	862	-	-	-	2	3	10	9	22	39	15	-	-	-	-	-	-	-	-	-	-	-
State and local government	29	40.0	734	743	674 -	811	-	-	-	10	14	10	17	17	28	3	-	-	-	-	-	-	-	-	-	-	-
Level IV:																											
State and local government	10	40.0	908	-	- -	-	-	-	-	-	-	-	-	10	40	40	10	-	-	-	-	-	-	-	-	-	-
Computer Systems Analysts																											
Level I	270	40.0	818	785	748 -	881	-	-	-	-	4	1	21	26	26	20	2	-	-	-	-	-	-	-	-	-	-
Private industry	247	40.0	809	785	748 -	874	-	-	-	-	4	1	21	28	27	17	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	176	40.0	786	770	735 -	827	-	-	-	-	5	-	30	30	26	10	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	39	40.0	845	-	- -	-	-	-	-	-	-	-	26	15	23	36	-	-	-	-	-	-	-	-	-	-	-
State and local government	23	39.6	918	940	875 -	990	-	-	-	-	-	-	17	-	13	61	9	-	-	-	-	-	-	-	-	-	-
Level II	1,516	40.0	940	930	865 -	1,027	-	-	-	-	(³)	2	3	6	28	32	20	8	1	-	-	-	-	-	-	-	-
Private industry	1,475	40.0	941	929	865 -	1,025	-	-	-	-	-	1	3	6	29	33	20	8	1	-	-	-	-	-	-	-	-
Goods-producing industries	234	39.9	921	910	854 -	980	-	-	-	-	-	1	-	9	35	33	19	3	(³)	-	-	-	-	-	-	-	-
Manufacturing	234	39.9	921	910	854 -	980	-	-	-	-	-	1	-	9	35	33	19	3	(³)	-	-	-	-	-	-	-	-
Service-producing industries	1,241	40.0	945	931	865 -	1,029	-	-	-	-	-	1	3	5	28	33	20	9	1	-	-	-	-	-	-	-	-
State and local government	41	40.0	908	959	695 -	1,090	-	-	-	-	10	17	7	7	2	15	22	12	7	-	-	-	-	-	-	-	-
Level III	536	40.0	1,093	1,096	1,002 -	1,158	-	-	-	-	-	-	(³)	(³)	8	15	30	28	12	2	5	-	-	-	-	-	-
Private industry	525	40.0	1,098	1,096	1,006 -	1,164	-	-	-	-	-	-	(³)	-	6	15	30	28	13	2	5	-	-	-	-	-	-
Goods-producing industries	78	40.0	1,089	-	- -	-	-	-	-	-	-	-	-	-	9	19	31	19	10	8	4	-	-	-	-	-	-
Manufacturing	78	40.0	1,089	-	- -	-	-	-	-	-	-	-	-	-	9	19	31	19	10	8	4	-	-	-	-	-	-
Service-producing industries	447	40.0	1,100	1,096	1,009 -	1,154	-	-	-	-	-	-	(³)	-	6	14	30	30	13	1	5	-	-	-	-	-	-
Transportation and utilities	34	40.0	1,141	-	- -	-	-	-	-	-	-	-	-	-	-	-	26	56	9	3	6	-	-	-	-	-	-
Computer Systems Analyst Supervisors/Managers																											
Level I	145	40.0	1,244	1,192	1,100 -	1,347	-	-	-	-	-	-	-	-	-	-	23	28	21	3	9	15	-	-	-	-	-
Private industry	142	40.0	1,245	1,192	1,100 -	1,388	-	-	-	-	-	-	-	-	-	-	24	27	22	3	9	15	-	-	-	-	-
Service-producing industries	123	40.0	1,272	1,250	1,154 -	1,471	-	-	-	-	-	-	-	-	-	-	15	28	25	3	11	18	-	-	-	-	-
Personnel Specialists																											
Level I:																											
State and local government	8	40.0	575	-	- -	-	-	-	38	25	25	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	286	40.0	589	550	539 -	604	3	10	28	22	15	7	6	3	5	1	-	-	-	-	-	-	-	-	-	-	-
Private industry	271	40.0	583	550	534 -	604	3	11	29	22	16	6	6	3	5	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	101	40.0	631	599	550 -	735	-	-	15	47	-	8	12	6	13	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	101	40.0	631	599	550 -	735	-	-	15	47	-	8	12	6	13	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	170	40.0	554	544	529 -	604	5	17	38	7	25	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	15	40.0	702	689	558 -	779	-	-	-	33	-	27	13	7	7	13	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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		400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
Level III	186	40.0	\$828	\$824	\$744	—	\$891	—	—	—	—	12	6	9	18	31	9	15	1	—	—	—	—	—	—	—	—	—
Private industry	169	40.0	823	808	740	—	891	—	—	—	—	14	6	9	20	27	8	15	1	—	—	—	—	—	—	—	—	—
Goods-producing industries	88	40.0	881	869	775	—	1,014	—	—	—	—	—	—	9	28	26	10	25	1	—	—	—	—	—	—	—	—	—
Manufacturing	88	40.0	881	869	775	—	1,014	—	—	—	—	—	—	9	28	26	10	25	1	—	—	—	—	—	—	—	—	—
Service-producing industries	81	40.0	760	740	635	—	848	—	—	—	—	28	12	10	10	28	6	4	1	—	—	—	—	—	—	—	—	—
State and local government	17	40.0	873	854	824	—	949	—	—	—	—	—	6	—	—	65	18	12	—	—	—	—	—	—	—	—	—	—
Level IV	263	40.0	1,047	1,010	949	—	1,165	—	—	—	—	—	—	—	—	21	22	26	11	11	7	1	(³)	—	—	—	—	—
Private industry	239	40.0	1,035	1,005	938	—	1,135	—	—	—	—	—	—	—	—	23	23	26	11	12	4	1	(³)	—	—	—	—	—
Service-producing industries	87	40.0	1,033	1,020	989	—	1,077	—	—	—	—	—	—	—	—	2	26	56	11	2	1	—	—	—	—	—	—	—
Transportation and utilities	50	40.0	1,052	1,020	1,005	—	1,063	—	—	—	—	—	—	—	—	—	16	64	14	4	2	—	—	—	—	—	—	—
State and local government	24	40.0	1,168	1,168	1,033	—	1,330	—	—	—	—	—	—	—	—	—	13	29	13	8	38	—	—	—	—	—	—	—
Tax Collectors																												
Level I	7	40.0	549	—	—	—	—	—	14	57	—	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	7	40.0	549	—	—	—	—	—	14	57	—	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	30	40.0	651	663	622	—	663	—	—	—	—	37	57	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	30	40.0	651	663	622	—	663	—	—	—	—	37	57	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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, Milwaukee, WI, August 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		250 and under 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	950 - 1000	1000 - 1050		
TECHNICAL OCCUPATIONS																													
Computer Operators																													
Level II	262	39.9	\$464	\$450	\$424	—	\$483	—	—	—	—	(³)	3	23	19	27	7	12	6	1	1	(³)	1	—	—	—	—	—	—
Private industry	237	39.9	457	450	424	—	471	—	—	—	—	(³)	3	25	20	30	8	10	1	(³)	1	(³)	1	—	—	—	—	—	—
Goods-producing industries	60	40.0	475	—	—	—	—	—	—	—	—	—	—	13	8	67	—	—	—	2	3	2	5	—	—	—	—	—	—
Manufacturing	60	40.0	475	—	—	—	—	—	—	—	—	—	—	13	8	67	—	—	—	2	3	2	5	—	—	—	—	—	—
Service-producing industries	177	39.9	451	440	414	—	476	—	—	—	—	1	3	29	24	18	11	13	2	—	—	—	—	—	—	—	—	—	—
State and local government	25	39.8	529	550	525	—	555	—	—	—	—	—	8	—	4	—	—	32	52	4	—	—	—	—	—	—	—	—	—
Level III	140	39.9	576	560	502	—	625	—	—	—	—	—	—	—	2	2	5	34	24	13	14	—	4	1	1	—	—	—	—
Private industry	123	39.9	579	560	502	—	637	—	—	—	—	—	—	—	2	2	2	37	24	11	15	—	5	2	1	—	—	—	—
Goods-producing industries	61	40.0	598	—	—	—	—	—	—	—	—	—	—	—	3	3	2	23	23	10	30	—	2	3	2	—	—	—	—
Manufacturing	61	40.0	598	—	—	—	—	—	—	—	—	—	—	—	3	3	2	23	23	10	30	—	2	3	2	—	—	—	—
Service-producing industries	62	39.8	559	—	—	—	—	—	—	—	—	—	—	—	—	2	2	52	24	11	2	—	8	—	—	—	—	—	—
State and local government	17	40.0	555	564	493	—	602	—	—	—	—	—	—	—	6	—	29	6	24	29	6	—	—	—	—	—	—	—	—
Drafters																													
Level I	106	40.0	381	438	312	—	438	10	10	10	10	—	—	3	52	3	—	1	—	—	—	—	—	—	—	—	—	—	—
Level III	512	40.0	638	644	580	—	691	—	—	—	—	—	—	—	—	—	(³)	12	19	30	19	14	3	3	—	—	—	—	—
Private industry	489	40.0	634	640	580	—	691	—	—	—	—	—	—	—	—	—	(³)	12	19	31	20	14	1	3	—	—	—	—	—
Goods-producing industries	341	40.0	633	644	600	—	691	—	—	—	—	—	—	—	—	—	—	1	18	8	33	25	16	—	—	—	—	—	—
Manufacturing	341	40.0	633	644	600	—	691	—	—	—	—	—	—	—	—	—	—	1	18	8	33	25	16	—	—	—	—	—	—
Engineering Technicians																													
Level III	227	39.7	647	640	597	—	698	—	—	—	—	—	—	—	—	—	—	7	24	27	19	16	4	2	(³)	—	—	—	—
Private industry	227	39.7	647	640	597	—	698	—	—	—	—	—	—	—	—	—	—	7	24	27	19	16	4	2	(³)	—	—	—	—
Goods-producing industries	205	39.7	635	636	596	—	673	—	—	—	—	—	—	—	—	—	—	8	26	30	20	16	(³)	—	—	—	—	—	—
Manufacturing	205	39.7	635	636	596	—	673	—	—	—	—	—	—	—	—	—	—	8	26	30	20	16	(³)	—	—	—	—	—	—
Level IV	536	40.0	799	782	734	—	876	—	—	—	—	—	—	—	—	—	—	—	1	2	12	22	20	13	7	15	7	—	—
Private industry	536	40.0	799	782	734	—	876	—	—	—	—	—	—	—	—	—	—	—	1	2	12	22	20	13	7	15	7	—	—
Goods-producing industries	439	40.0	776	764	729	—	806	—	—	—	—	—	—	—	—	—	—	—	1	3	14	27	23	13	8	8	3	—	—
Manufacturing	439	40.0	776	764	729	—	806	—	—	—	—	—	—	—	—	—	—	—	1	3	14	27	23	13	8	8	3	—	—
Level V	85	40.0	875	877	742	—	962	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	6	5	19	4	32	7	—
Private industry	85	40.0	875	877	742	—	962	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	6	5	19	4	32	7	—
Engineering Technicians, Civil																													
Level I	25	40.0	403	362	362	—	476	—	—	—	—	60	8	—	—	—	28	4	—	—	—	—	—	—	—	—	—	—	—
State and local government	25	40.0	403	362	362	—	476	—	—	—	—	60	8	—	—	—	28	4	—	—	—	—	—	—	—	—	—	—	—
Level II	39	40.0	521	540	436	—	571	—	—	—	—	—	21	—	5	3	—	26	28	18	—	—	—	—	—	—	—	—	—
State and local government	39	40.0	521	540	436	—	571	—	—	—	—	—	21	—	5	3	—	26	28	18	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Milwaukee, WI, August 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		250 and under 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	950 - 1000	1000 - 1050
Level III	121	40.0	\$717	\$741	\$643	—	\$811	—	—	—	—	—	—	—	2	—	4	5	21	12	10	11	36	—	—	—	—
State and local government	113	40.0	710	710	628	—	811	—	—	—	—	—	—	—	2	—	4	5	22	12	11	12	32	—	—	—	—
Level IV	71	40.0	783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	17	11	4	13	13	18	18	—	—
State and local government	65	40.0	790	842	698	—	880	—	—	—	—	—	—	—	—	—	—	3	18	12	5	8	14	20	20	—	—
Level V	21	40.0	928	903	903	—	957	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	5	48	14	19
State and local government	21	40.0	928	903	903	—	957	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	5	48	14	19
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	616	40.3	547	539	511	—	571	—	—	—	—	—	—	(³)	1	16	42	30	4	3	4	—	—	—	—	—	—
State and local government	616	40.3	547	539	511	—	571	—	—	—	—	—	—	(³)	1	16	42	30	4	3	4	—	—	—	—	—	—
Firefighters	1,042	51.3	724	760	717	—	796	—	—	—	—	—	—	—	4	2	4	9	2	4	18	57	—	—	—	—	—
State and local government	1,042	51.3	724	760	717	—	796	—	—	—	—	—	—	—	4	2	4	9	2	4	18	57	—	—	—	—	—
Police Officers																											
Level I	3,221	39.9	735	795	695	—	796	—	—	—	—	—	—	—	—	1	5	10	7	3	7	60	6	—	—	—	—
State and local government	3,221	39.9	735	795	695	—	796	—	—	—	—	—	—	—	—	1	5	10	7	3	7	60	6	—	—	—	—
Level II	64	40.0	797	817	817	—	817	—	—	—	—	—	—	—	—	—	—	—	—	13	2	8	78	—	—	—	—
State and local government	64	40.0	797	817	817	—	817	—	—	—	—	—	—	—	—	—	—	—	—	13	2	8	78	—	—	—	—

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, Milwaukee, WI, August 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 and over
Clerks, Accounting																										
Level II	1,664	39.9	\$401	\$400	\$360 - \$437	-	-	-	2	6	14	14	12	21	10	8	6	1	-	-	-	-	-	-	-	-
Private industry	1,551	39.9	397	391	353 - 430	-	-	-	2	7	15	14	12	20	11	9	4	5	1	-	-	-	-	-	-	-
Goods-producing industries	550	40.0	421	420	400 - 464	-	-	-	4	2	12	2	1	35	16	13	2	14	-	-	-	-	-	-	-	-
Manufacturing	522	40.0	420	420	400 - 464	-	-	-	4	2	12	1	1	34	17	14	2	14	-	-	-	-	-	-	-	-
Service-producing industries	1,001	39.8	383	377	346 - 404	-	-	-	1	10	17	21	19	12	8	6	5	(³)	1	-	-	-	-	-	-	-
Transportation and utilities	157	40.0	375	360	332 - 400	-	-	-	-	13	25	22	9	22	3	-	-	6	-	-	-	-	-	-	-	-
State and local government	113	39.9	464	480	420 - 491	-	-	-	-	-	-	4	2	29	9	4	32	15	6	-	-	-	-	-	-	-
Level III	736	39.9	447	441	387 - 500	-	-	-	-	(³)	5	15	8	15	9	12	9	19	6	2	1	-	-	-	-	-
Private industry	569	40.0	427	416	369 - 475	-	-	-	-	(³)	7	19	11	18	10	10	9	14	1	(³)	1	-	-	-	-	-
Goods-producing industries	182	39.8	439	430	395 - 480	-	-	-	-	-	-	21	9	11	16	14	19	7	2	1	1	-	-	-	-	-
Manufacturing	150	39.8	438	429	370 - 493	-	-	-	-	-	-	25	11	13	9	7	23	9	2	1	1	-	-	-	-	-
Service-producing industries	387	40.0	421	404	369 - 455	-	-	-	-	(³)	10	18	12	21	8	8	4	17	1	-	2	-	-	-	-	-
State and local government	167	39.8	514	513	472 - 555	-	-	-	-	-	-	-	-	5	3	19	7	37	23	7	-	-	-	-	-	-
Level IV	281	40.0	574	573	532 - 608	-	-	-	-	-	-	-	-	2	4	3	9	14	43	13	6	4	1	2	-	-
Private industry	246	40.0	576	573	531 - 622	-	-	-	-	-	-	-	-	2	4	3	8	13	42	13	7	4	1	2	-	-
Goods-producing industries	142	40.0	583	591	523 - 633	-	-	-	-	-	-	-	-	2	2	4	10	18	25	18	13	8	1	1	-	-
Manufacturing	142	40.0	583	591	523 - 633	-	-	-	-	-	-	-	-	2	2	4	10	18	25	18	13	8	1	1	-	-
Service-producing industries	104	40.0	567	573	573 - 573	-	-	-	-	-	-	-	-	2	7	3	6	6	65	6	-	-	2	4	-	-
Clerks, General																										
Level I	170	39.1	296	294	281 - 311	2	16	-	39	21	12	1	6	-	1	-	-	-	-	-	-	-	-	-	-	-
Private industry	117	38.6	279	281	242 - 299	3	24	-	57	9	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	117	38.6	279	281	242 - 299	3	24	-	57	9	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
State and local government	53	40.0	334	330	301 - 339	-	-	-	-	47	32	2	19	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	903	40.0	361	354	318 - 388	-	1	2	11	18	11	17	24	5	5	(³)	-	5	1	-	-	-	-	-	-	-
Private industry	719	40.0	345	340	313 - 385	-	1	3	14	23	12	18	18	6	4	-	-	(³)	1	-	-	-	-	-	-	-
Service-producing industries	556	40.0	343	335	313 - 356	-	1	3	8	30	14	24	5	8	5	-	(³)	1	-	-	-	-	-	-	-	-
State and local government	184	40.0	425	383	383 - 504	-	-	-	-	-	5	10	49	-	10	1	-	25	-	-	-	-	-	-	-	-
Level III	799	39.9	428	420	380 - 482	-	-	-	1	1	13	9	11	20	8	6	25	5	1	2	(³)	-	-	-	-	-
Private industry	525	39.9	410	407	357 - 451	-	-	-	2	2	18	13	14	18	9	5	13	7	-	(³)	1	-	-	-	-	-
Goods-producing industries	142	40.0	408	420	385 - 420	-	-	-	-	4	-	9	20	53	7	8	-	-	-	-	-	-	-	-	-	-
Manufacturing	138	40.0	407	420	385 - 420	-	-	-	-	4	-	9	20	54	6	7	-	-	-	-	-	-	-	-	-	-
Service-producing industries	383	39.9	410	396	347 - 482	-	-	-	2	1	24	14	11	5	10	4	18	9	-	(³)	1	-	-	-	-	-
State and local government	274	40.0	463	484	420 - 487	-	-	-	-	-	3	2	5	22	6	7	46	3	1	4	-	-	-	-	-	-
Level IV	280	40.0	476	471	411 - 521	-	-	-	-	-	-	5	10	11	16	8	13	15	16	1	4	-	(³)	-	-	-
Private industry	259	40.0	469	459	410 - 502	-	-	-	-	-	-	6	10	12	18	9	14	16	10	-	4	-	(³)	-	-	-
Service-producing industries	213	40.0	460	438	410 - 503	-	-	-	-	-	-	7	13	13	22	7	6	20	13	-	-	-	(³)	-	-	-
Clerks, Order																										
Level I	272	40.0	377	374	360 - 396	-	-	-	-	13	1	61	2	11	12	-	-	-	-	-	-	-	-	-	-	-
Private industry	272	40.0	377	374	360 - 396	-	-	-	-	13	1	61	2	11	12	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	176	40.0	365	374	360 - 374	-	-	-	-	19	1	68	3	4	5	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	176	40.0	365	374	360 - 374	-	-	-	-	19	1	68	3	4	5	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Milwaukee, WI, August 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 and over		
Key Entry Operators																													
Level I	296	38.4	\$316	\$289	\$260	—	\$348	—	—	30	33	9	3	7	3	1	9	1	(³)	2	2	—	—	—	—	—	—	—	—
Private industry	295	38.4	315	289	260	—	346	—	—	31	33	9	3	7	3	1	9	1	(³)	2	2	—	—	—	—	—	—	—	—
Service-producing industries	285	38.4	314	289	260	—	344	—	—	32	34	8	1	7	3	1	9	(³)	(³)	2	2	—	—	—	—	—	—	—	—
Level II	292	39.7	361	356	320	—	388	—	—	—	8	32	(³)	30	10	10	3	—	4	2	(³)	—	—	—	—	—	—	—	—
Private industry	281	39.7	355	354	320	—	385	—	—	—	8	33	(³)	31	11	10	3	—	2	1	—	—	—	—	—	—	—	—	—
Service-producing industries	255	39.6	348	354	320	—	372	—	—	—	9	37	(³)	33	12	5	4	—	—	1	—	—	—	—	—	—	—	—	—
State and local government	11	40.0	511	—	—	—	—	—	—	—	—	—	—	—	—	—	9	—	45	36	9	—	—	—	—	—	—	—	—
Personnel Assistants (Employment)																													
Level III:																													
State and local government	24	40.0	550	540	540	—	540	—	—	—	—	—	—	—	—	—	—	—	—	83	8	—	8	—	—	—	—	—	—
Secretaries																													
Level I	312	39.9	451	416	390	—	511	—	—	—	—	(³)	4	6	19	27	2	10	4	12	8	3	5	—	—	—	—	—	—
Private industry	215	40.0	430	410	390	—	416	—	—	—	—	(³)	5	9	25	39	2	7	—	1	—	4	7	—	—	—	—	—	—
Service-producing industries	151	40.0	427	390	390	—	417	—	—	—	—	1	7	13	36	23	3	5	—	2	—	2	11	—	—	—	—	—	—
State and local government	97	39.8	497	511	466	—	550	—	—	—	—	—	2	7	6	2	1	16	11	35	26	—	—	—	—	—	—	—	—
Level II	929	39.9	477	467	418	—	532	—	—	—	—	—	1	4	10	13	14	12	12	18	9	3	2	1	(³)	(³)	—	—	—
Private industry	823	39.9	469	456	414	—	503	—	—	—	—	—	1	5	11	14	16	13	13	15	5	3	2	1	(³)	(³)	—	—	—
Goods-producing industries	172	40.0	534	512	462	—	578	—	—	—	—	—	—	—	—	14	24	9	17	15	8	4	6	2	1	—	—	—	—
Manufacturing	172	40.0	534	512	462	—	578	—	—	—	—	—	—	—	—	14	24	9	17	15	8	4	6	2	1	—	—	—	—
Service-producing industries	651	39.8	452	440	408	—	483	—	—	—	—	2	6	14	18	16	10	14	14	3	1	2	(³)	—	—	—	—	—	—
Transportation and utilities	30	39.8	627	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	33	27	33	3	—	—	—	—	—
State and local government	106	39.8	539	539	516	—	556	—	—	—	—	—	—	—	—	—	3	6	4	46	33	8	—	—	—	—	—	—	—
Level III	989	39.9	542	534	490	—	585	—	—	—	—	—	—	—	1	4	4	7	12	27	25	10	5	2	1	1	(³)	—	—
Private industry	836	39.8	533	520	479	—	567	—	—	—	—	—	—	—	1	5	5	8	15	26	25	7	4	3	1	1	(³)	—	—
Goods-producing industries	267	39.9	589	575	548	—	637	—	—	—	—	—	—	—	—	4	1	2	4	15	35	17	9	5	3	2	(³)	—	—
Manufacturing	267	39.9	589	575	548	—	637	—	—	—	—	—	—	—	—	4	1	2	4	15	35	17	9	5	3	2	(³)	—	—
Service-producing industries	569	39.8	508	503	475	—	550	—	—	—	—	—	—	—	1	5	7	11	20	31	20	2	1	1	—	(³)	—	—	—
Transportation and utilities	31	39.8	548	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23	23	—	3	—	—	—
State and local government	153	40.0	587	588	534	—	640	—	—	—	—	—	—	—	—	—	—	—	—	34	27	28	11	—	—	—	—	—	—
Level IV	192	39.9	701	705	637	—	757	—	—	—	—	—	—	—	—	1	—	—	1	5	9	19	15	26	10	8	4	5	5
Private industry	176	39.9	703	707	637	—	758	—	—	—	—	—	—	—	—	1	—	—	1	5	7	19	13	28	11	8	3	5	5
Service-producing industries	75	39.8	652	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	12	13	21	17	23	9	—	—	—	1
Switchboard Operator-Receptionists																													
Private industry	1,017	39.9	363	347	317	—	421	—	1	6	7	26	11	9	11	8	10	2	9	(³)	—	(³)	(³)	—	—	—	—	—	—
Goods-producing industries	321	40.0	358	347	317	—	408	—	—	15	2	15	19	19	4	9	7	4	4	1	—	(³)	(³)	—	—	—	—	—	—
Manufacturing	297	40.0	354	340	317	—	385	—	—	16	2	16	21	18	5	4	8	4	4	1	—	(³)	(³)	—	—	—	—	—	—
Service-producing industries	696	39.8	365	356	312	—	423	—	1	2	9	32	6	5	14	8	11	1	12	(³)	—	—	—	—	—	—	—	—	—
Transportation and utilities	86	39.9	400	400	368	—	423	—	—	—	—	—	20	13	14	29	—	1	22	1	—	—	—	—	—	—	—	—	—
State and local government	44	39.9	474	474	421	—	535	—	—	—	—	5	—	—	—	23	—	—	36	2	34	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Milwaukee, WI, August 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 and over
Word Processors																										
Level I	80	40.0	\$380	\$370	\$360 — \$396	—	—	—	2	2	6	47	22	15	—	—	—	4	—	—	—	—	—	—	—	—
Private industry	75	40.0	379	—	— — —	—	—	—	3	3	7	51	19	15	—	—	—	4	—	—	—	—	—	—	—	—
Service-producing industries	58	40.0	380	—	— — —	—	—	—	3	3	—	60	19	9	—	—	—	5	—	—	—	—	—	—	—	—
Level II	122	40.0	517	531	481 — 549	—	—	—	—	—	—	—	4	1	8	11	13	47	6	10	—	—	—	—	—	—

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

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

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, Milwaukee, WI, August 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	Under 8.00	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00
						- 8.50	- 9.00	- 9.50	- 10.00	- 10.50	- 11.00	- 11.50	- 12.00	- 13.00	- 14.00	- 15.00	- 16.00	- 17.00	- 18.00	- 19.00	- 20.00	- 21.00	- 22.00	- 23.00	- 24.00	- 25.00	- 26.00	
General Maintenance Workers	877	\$11.44	\$11.54	\$9.50 – \$12.88	4	1	6	10	14	11	2	2	12	14	9	6	4	4	—	—	—	1	—	—	—	—	—	—
Private industry	785	11.17	10.58	9.50 – 12.35	4	1	7	11	15	12	1	1	13	15	7	7	(²)	4	—	—	—	1	—	—	—	—	—	—
Goods-producing industries	303	11.73	11.54	9.50 – 12.35	—	—	—	9	18	—	—	—	24	26	5	18	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	303	11.73	11.54	9.50 – 12.35	—	—	—	9	18	—	—	—	24	26	5	18	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	482	10.82	10.00	9.35 – 12.09	7	2	11	13	13	19	2	1	7	8	9	—	(²)	7	—	—	—	2	—	—	—	—	—	—
Transportation and utilities	33	14.34	—	—	—	—	—	—	18	—	—	—	—	9	45	—	—	—	—	—	—	27	—	—	—	—	—	—
State and local government	92	13.71	13.76	11.38 – 15.90	—	—	1	1	1	2	9	12	4	2	27	—	40	—	—	—	—	—	—	—	—	—	—	—
Maintenance Electricians	969	20.51	20.64	19.28 – 22.10	—	—	—	—	—	—	—	—	—	—	(²)	1	6	3	7	5	10	18	8	35	4	1	1	
Private industry	823	20.42	21.31	18.94 – 22.10	—	—	—	—	—	—	—	—	—	—	(²)	1	7	4	8	6	12	8	9	39	5	(²)	—	
Goods-producing industries	704	20.03	20.48	18.35 – 22.10	—	—	—	—	—	—	—	—	—	—	(²)	2	8	4	10	6	14	9	10	37	—	—	—	
Manufacturing	704	20.03	20.48	18.35 – 22.10	—	—	—	—	—	—	—	—	—	—	(²)	2	8	4	10	6	14	9	10	37	—	—	—	
State and local government	146	20.99	20.64	20.64 – 20.64	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—	77	—	11	—	3	5	
Maintenance Electronics Technicians																												
Level II	409	18.28	18.40	17.10 – 20.17	—	—	—	—	—	—	—	—	—	1	1	7	2	4	25	20	3	36	1	—	—	—	—	—
Private industry	363	18.54	18.40	17.32 – 20.17	—	—	—	—	—	—	—	—	—	—	(²)	7	1	2	25	21	3	40	1	—	—	—	—	—
Service-producing industries	355	18.50	18.40	17.32 – 20.17	—	—	—	—	—	—	—	—	—	—	(²)	7	1	2	25	22	3	39	1	—	—	—	—	—
State and local government	46	16.19	16.37	15.23 – 17.45	—	—	—	—	—	—	—	—	—	7	7	11	15	20	28	7	7	—	—	—	—	—	—	—
Maintenance Machinists:																												
State and local government	6	20.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17	67	—	17	—	—	—	—
Maintenance Mechanics, Machinery	1,091	17.95	17.94	15.55 – 20.66	—	—	—	—	—	—	—	—	(²)	1	3	16	22	4	12	—	3	23	4	11	—	—	—	—
Private industry	1,060	18.05	17.95	15.85 – 20.66	—	—	—	—	—	—	—	—	—	(²)	3	15	23	4	12	—	2	24	5	12	—	—	—	—
Goods-producing industries	1,053	18.07	17.95	15.85 – 20.66	—	—	—	—	—	—	—	—	—	—	3	15	23	4	12	—	2	24	5	12	—	—	—	—
Manufacturing	1,053	18.07	17.95	15.85 – 20.66	—	—	—	—	—	—	—	—	—	—	3	15	23	4	12	—	2	24	5	12	—	—	—	—
State and local government	31	14.54	14.00	12.91 – 14.56	—	—	—	—	—	—	—	—	3	23	13	42	—	—	—	—	19	—	—	—	—	—	—	—
Maintenance Mechanics, Motor Vehicle ...	583	16.47	16.64	14.96 – 17.58	—	—	—	—	—	—	—	1	4	10	5	8	9	19	27	5	7	(²)	4	1	—	—	—	—
Private industry	463	16.43	16.90	14.25 – 17.58	—	—	—	—	—	—	—	1	5	13	7	10	7	10	27	6	9	(²)	5	2	—	—	—	—
Service-producing industries	418	16.39	17.58	13.95 – 17.58	—	—	—	—	—	—	—	—	5	13	7	11	2	11	30	7	10	(²)	4	—	—	—	—	—
Transportation and utilities	358	16.51	17.58	14.25 – 18.08	—	—	—	—	—	—	—	—	6	15	4	12	—	3	35	8	12	(²)	5	—	—	—	—	—
State and local government	120	16.60	16.53	16.19 – 17.35	—	—	—	—	—	—	—	—	—	—	1	4	17	53	25	—	—	—	—	—	—	—	—	—
Maintenance Pipefitters	257	21.13	21.65	21.65 – 22.10	—	—	—	—	—	—	—	—	—	—	—	—	2	5	11	6	—	—	39	18	12	8	—	—
State and local government	34	23.35	24.04	21.99 – 24.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32	—	9	59	—	—
Tool and Die Makers	961	20.43	20.60	19.35 – 22.19	—	—	—	—	—	—	—	—	—	—	(²)	1	2	6	6	7	9	23	3	43	—	—	—	—
Private industry	961	20.43	20.60	19.35 – 22.19	—	—	—	—	—	—	—	—	—	—	(²)	1	2	6	6	7	9	23	3	43	—	—	—	—
Goods-producing industries	961	20.43	20.60	19.35 – 22.19	—	—	—	—	—	—	—	—	—	—	(²)	1	2	6	6	7	9	23	3	43	—	—	—	—
Manufacturing	961	20.43	20.60	19.35 – 22.19	—	—	—	—	—	—	—	—	—	—	(²)	1	2	6	6	7	9	23	3	43	—	—	—	—

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, Milwaukee, WI, August 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		Under 5.00	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00
							5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	
Forklift Operators	1,583	\$14.08	\$13.79	\$12.55 – \$15.20	–	–	–	–	–	–	(²)	(²)	(²)	4	3	1	3	1	3	21	23	13	2	–	2	12	10	–	
Private industry	1,583	14.08	13.79	12.55 – 15.20	–	–	–	–	–	–	(²)	(²)	(²)	4	3	1	3	1	3	21	23	13	2	–	2	12	10	–	
Goods-producing industries	1,006	13.50	13.25	12.40 – 14.20	–	–	–	–	–	–	–	–	–	6	5	1	5	1	5	20	32	9	–	–	–	–	16	–	
Manufacturing	1,006	13.50	13.25	12.40 – 14.20	–	–	–	–	–	–	–	–	–	6	5	1	5	1	5	20	32	9	–	–	–	–	16	–	
Service-producing industries	577	15.08	14.34	12.90 – 18.00	–	–	–	–	–	–	(²)	1	1	1	1	–	–	–	–	24	9	18	6	–	6	33	–	–	
Guards																													
Level I	1,396	7.34	7.00	6.15 – 7.50	1	3	12	16	18	24	7	5	4	1	1	1	1	2	3	1	–	(²)	–	3	–	–	–	–	
Private industry	1,359	7.24	6.90	6.00 – 7.50	1	3	12	17	18	24	8	5	4	1	1	1	(²)	1	2	1	–	–	–	3	–	–	–	–	
Service-producing industries	1,296	6.88	6.75	6.00 – 7.30	1	3	13	18	19	26	8	5	5	1	1	1	(²)	1	1	(²)	–	–	–	–	–	–	–	–	
State and local government	37	11.01	11.12	10.57 – 11.32	–	–	–	–	–	–	–	–	–	3	3	–	–	14	27	43	8	–	3	–	–	–	–	–	
Janitors	5,840	8.26	7.20	6.00 – 10.12	(²)	7	11	18	9	7	5	6	5	4	1	2	5	4	3	8	1	(²)	2	–	–	–	–	–	
Private industry	4,883	7.60	6.60	6.00 – 8.50	(²)	9	13	22	11	8	5	7	6	4	1	1	4	3	1	3	–	(²)	3	–	–	–	–	–	
Goods-producing industries	663	11.27	11.02	9.25 – 13.50	–	–	–	–	–	–	–	5	6	12	8	–	(²)	19	17	5	21	–	8	–	–	–	–	–	
Manufacturing	663	11.27	11.02	9.25 – 13.50	–	–	–	–	–	–	–	5	6	12	8	–	(²)	19	17	5	21	–	8	–	–	–	–	–	
Service-producing industries	4,220	7.02	6.48	6.00 – 7.72	(²)	10	15	25	13	9	5	7	5	4	1	2	1	1	(²)	–	–	(²)	2	–	–	–	–	–	
State and local government	957	11.66	12.24	10.53 – 13.13	–	–	–	–	–	1	3	5	5	1	3	6	11	10	14	34	6	–	–	–	–	–	–	–	
Material Handling Laborers	556	9.56	8.55	7.73 – 11.48	–	–	–	5	3	4	15	21	3	3	4	11	(²)	13	8	4	(²)	2	1	1	–	–	–	–	
Private industry	546	9.46	8.55	7.73 – 11.48	–	–	–	5	3	5	15	21	3	3	5	11	(²)	14	8	4	(²)	–	1	1	–	–	–	–	
Service-producing industries	283	9.13	8.36	7.50 – 11.10	–	–	–	10	6	9	11	20	6	5	6	1	–	5	14	7	–	–	1	–	–	–	–	–	
Order Fillers	571	11.13	11.20	9.50 – 12.97	–	–	–	–	–	–	–	8	10	4	11	2	9	16	30	4	–	4	–	–	–	–	–	–	
Private industry	571	11.13	11.20	9.50 – 12.97	–	–	–	–	–	–	–	8	10	4	11	2	9	16	30	4	–	4	–	–	–	–	–	–	
Shipping/Receiving Clerks	956	11.66	11.61	8.75 – 14.45	–	–	–	–	–	1	2	15	11	1	3	7	5	10	4	6	21	12	(²)	–	–	–	–	–	
Private industry	909	11.60	11.55	8.75 – 14.45	–	–	–	–	–	2	2	16	12	1	3	7	5	10	3	5	22	12	(²)	–	–	–	–	–	
Service-producing industries	382	12.11	11.90	8.75 – 15.75	–	–	–	–	–	4	3	16	8	1	2	1	8	13	–	(²)	16	28	1	–	–	–	–	–	
State and local government	47	12.83	12.94	12.39 – 13.68	–	–	–	–	–	–	–	–	–	4	4	–	2	4	2	34	–	15	–	–	–	–	–	–	
Truckdrivers																													
Light Truck:																													
State and local government	21	13.45	13.13	13.13 – 13.13	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	76	–	19	–	–	–	–	–	–	
Medium Truck	1,294	14.21	13.65	10.25 – 20.15	–	–	–	–	–	–	–	22	–	–	–	(²)	9	6	4	5	6	4	(²)	6	14	1	–	25	
Private industry	1,272	14.19	13.15	10.25 – 20.15	–	–	–	–	–	–	–	22	–	–	–	(²)	9	6	4	5	6	2	(²)	6	14	1	–	26	
Heavy Truck:																													
Private industry:																													
Goods-producing industries	195	12.51	12.65	12.50 – 13.00	–	–	–	–	–	–	–	–	–	–	–	8	3	12	52	17	6	2	–	–	–	–	–	–	
Tractor Trailer	1,023	16.96	16.86	15.65 – 18.06	–	–	–	–	–	–	–	–	–	–	–	–	(²)	(²)	5	3	1	–	21	43	(²)	3	–	23	
Private industry	1,023	16.96	16.86	15.65 – 18.06	–	–	–	–	–	–	–	–	–	–	–	–	(²)	(²)	5	3	1	–	21	43	(²)	3	–	23	
Service-producing industries	895	17.16	16.86	16.10 – 18.06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6	4	1	–	12	49	1	3	–	25	

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Milwaukee, WI, August 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																						
		Mean	Median	Middle range	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
Warehouse Specialists:																											
Private industry:																											
Goods-producing industries	520	\$11.77	\$11.44	\$9.75 – \$13.62	—	—	—	—	—	—	—	3	—	3	21	9	10	10	2	28	13	—	—	—	—	—	—
Manufacturing	520	11.77	11.44	9.75 – 13.62	—	—	—	—	—	—	—	3	—	3	21	9	10	10	2	28	13	—	—	—	—	—	—

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, Milwaukee, WI, August 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		400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level I	85	40.0	\$558	\$532	\$502	—	\$602	—	18	39	18	11	9	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	70	40.0	550	—	—	—	—	—	21	46	7	11	10	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Level II	172	39.9	664	637	584	—	746	—	1	14	13	27	6	14	16	9	—	—	—	—	—	—	—	—	—	—	—	
Private industry	142	40.0	659	637	577	—	734	—	1	15	15	27	4	14	18	7	—	—	—	—	—	—	—	—	—	—	—	
Goods-producing industries	63	39.9	719	—	—	—	—	—	—	8	3	8	8	29	30	14	—	—	—	—	—	—	—	—	—	—	—	
Manufacturing	63	39.9	719	—	—	—	—	—	—	8	3	8	8	29	30	14	—	—	—	—	—	—	—	—	—	—	—	
Service-producing industries	79	40.0	610	—	—	—	—	—	1	20	24	42	1	3	8	1	—	—	—	—	—	—	—	—	—	—	—	
State and local government	30	39.8	688	667	611	—	791	—	—	10	7	30	13	13	7	20	—	—	—	—	—	—	—	—	—	—	—	
Level III	246	39.9	821	810	728	—	918	—	—	—	—	5	9	17	13	29	22	4	1	—	—	—	—	—	—	—	—	
Private industry	198	39.9	831	810	736	—	923	—	—	—	—	4	8	15	13	31	23	6	1	—	—	—	—	—	—	—	—	
Goods-producing industries	92	39.8	867	846	798	—	981	—	—	—	—	1	10	5	12	27	35	9	1	—	—	—	—	—	—	—	—	
Manufacturing	92	39.8	867	846	798	—	981	—	—	—	—	1	10	5	12	27	35	9	1	—	—	—	—	—	—	—	—	
Service-producing industries	106	40.0	800	800	727	—	842	—	—	—	—	6	7	24	13	34	13	3	1	—	—	—	—	—	—	—	—	
Transportation and utilities	31	40.0	849	—	—	—	—	—	—	—	—	10	—	10	6	35	32	3	3	—	—	—	—	—	—	—	—	
State and local government	48	40.0	780	754	699	—	823	—	—	—	—	10	15	23	13	23	17	—	—	—	—	—	—	—	—	—	—	
Level IV	111	40.0	1,088	1,066	962	—	1,121	—	—	—	—	—	—	2	—	10	20	27	19	9	8	3	3	—	—	—	—	
Private industry	101	40.0	1,098	1,073	981	—	1,177	—	—	—	—	—	—	2	—	8	20	28	18	10	9	3	3	—	—	—	—	
Goods-producing industries	65	40.0	1,145	—	—	—	—	—	—	—	—	—	—	3	—	3	11	26	28	6	14	5	5	—	—	—	—	
Manufacturing	65	40.0	1,145	—	—	—	—	—	—	—	—	—	—	3	—	3	11	26	28	6	14	5	5	—	—	—	—	
State and local government	10	40.0	984	—	—	—	—	—	—	—	—	—	—	—	—	30	20	20	30	—	—	—	—	—	—	—	—	
Attorneys																												
Level II:																												
State and local government	14	39.6	1,157	—	—	—	—	—	—	—	—	—	—	—	—	—	50	14	21	14	—	—	—	—	—	—	—	
Level III	72	40.0	1,346	—	—	—	—	—	—	—	—	—	—	—	6	6	4	13	14	15	18	7	6	11	1	—	—	
State and local government	62	40.0	1,333	1,332	1,172	—	1,458	—	—	—	—	—	—	—	6	6	3	13	15	16	19	3	5	13	—	—	—	
Level IV:																												
State and local government	8	40.0	1,645	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25	13	25	—	—	25	—	13	
Engineers																												
Level I	144	40.0	694	715	600	—	769	—	—	—	24	12	7	24	24	9	—	—	—	—	—	—	—	—	—	—	—	
Private industry	123	40.0	705	726	637	—	770	—	—	—	16	12	7	28	27	10	—	—	—	—	—	—	—	—	—	—	—	
Goods-producing industries	121	40.0	704	726	637	—	770	—	—	—	17	12	7	29	26	10	—	—	—	—	—	—	—	—	—	—	—	
Manufacturing	121	40.0	704	726	637	—	770	—	—	—	17	12	7	29	26	10	—	—	—	—	—	—	—	—	—	—	—	
Level II	668	40.0	816	816	768	—	879	—	—	—	—	4	9	9	20	42	14	2	—	—	—	—	—	—	—	—	—	
Private industry	577	39.9	820	820	778	—	879	—	—	—	—	3	9	8	20	44	13	2	—	—	—	—	—	—	—	—	—	
Goods-producing industries	551	39.9	819	816	771	—	881	—	—	—	—	3	9	9	21	43	14	2	—	—	—	—	—	—	—	—	—	
Manufacturing	551	39.9	819	816	771	—	881	—	—	—	—	3	9	9	21	43	14	2	—	—	—	—	—	—	—	—	—	
State and local government	91	40.0	787	779	713	—	879	—	—	—	—	12	8	12	21	27	20	—	—	—	—	—	—	—	—	—	—	

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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	400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
Level III	1,324	40.0	\$993	\$1,000	\$918 - \$1,077	-	-	-	-	-	1	2	2	15	30	31	17	2	-	-	-	-	-	-	-	-	
Private industry	1,201	40.0	1,007	1,010	924 - 1,081	-	-	-	-	-	-	1	2	12	32	32	19	3	-	-	-	-	-	-	-	-	
Goods-producing industries	1,025	40.0	990	987	921 - 1,060	-	-	-	-	-	-	1	2	14	35	34	12	1	-	-	-	-	-	-	-	-	
Manufacturing	1,025	40.0	990	987	921 - 1,060	-	-	-	-	-	-	1	2	14	35	34	12	1	-	-	-	-	-	-	-	-	
State and local government	123	40.0	860	847	804 - 929	-	-	-	-	-	12	8	3	47	8	21	-	-	-	-	-	-	-	-	-	-	
Level IV	1,426	40.0	1,132	1,125	1,037 - 1,223	-	-	-	-	-	-	-	-	3	14	25	28	19	8	2	(³)	-	-	-	-	-	
Private industry	1,338	40.0	1,138	1,129	1,039 - 1,229	-	-	-	-	-	-	-	-	3	13	24	28	20	9	3	(³)	-	-	-	-	-	
Goods-producing industries	1,286	40.0	1,134	1,125	1,039 - 1,220	-	-	-	-	-	-	-	-	3	14	25	28	19	9	3	(³)	-	-	-	-	-	
Manufacturing	1,286	40.0	1,134	1,125	1,039 - 1,220	-	-	-	-	-	-	-	-	3	14	25	28	19	9	3	(³)	-	-	-	-	-	
State and local government	88	40.0	1,048	1,045	986 - 1,128	-	-	-	-	-	-	-	-	11	20	32	28	8	-	-	-	-	-	-	-	-	
Level V	662	40.0	1,307	1,290	1,220 - 1,402	-	-	-	-	-	-	-	-	-	2	3	17	30	24	19	5	2	1	-	-	-	
Private industry	642	40.0	1,309	1,293	1,220 - 1,402	-	-	-	-	-	-	-	-	-	2	2	17	30	23	19	5	2	1	-	-	-	
Goods-producing industries	624	40.0	1,308	1,286	1,217 - 1,402	-	-	-	-	-	-	-	-	-	2	2	17	30	22	19	5	2	1	-	-	-	
Manufacturing	624	40.0	1,308	1,286	1,217 - 1,402	-	-	-	-	-	-	-	-	-	2	2	17	30	22	19	5	2	1	-	-	-	
State and local government	20	40.0	1,248	1,277	1,150 - 1,316	-	-	-	-	-	-	-	-	-	-	20	10	25	35	5	5	-	-	-	-	-	
Level VI	219	39.9	1,656	1,646	1,556 - 1,743	-	-	-	-	-	-	-	-	-	-	-	-	2	14	21	26	18	15	1	3		
Private industry	219	39.9	1,656	1,646	1,556 - 1,743	-	-	-	-	-	-	-	-	-	-	-	-	2	14	21	26	18	15	1	3		
Goods-producing industries	217	39.9	1,656	1,646	1,556 - 1,743	-	-	-	-	-	-	-	-	-	-	-	-	2	14	20	26	18	15	1	3		
Manufacturing	217	39.9	1,656	1,646	1,556 - 1,743	-	-	-	-	-	-	-	-	-	-	-	-	2	14	20	26	18	15	1	3		
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts																											
Level III:																											
State and local government	12	40.0	809	-	- - -	-	-	-	-	-	-	25	33	33	8	-	-	-	-	-	-	-	-	-	-	-	
Buyers/Contracting Specialists																											
Level II	192	39.9	732	725	654 - 790	-	-	1	4	14	17	30	14	14	6	-	-	-	-	-	-	-	-	-	-	-	
Private industry	173	39.9	731	725	654 - 788	-	-	1	4	13	18	31	15	12	7	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	152	39.9	737	725	656 - 794	-	-	1	4	10	18	34	13	13	8	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	152	39.9	737	725	656 - 794	-	-	1	4	10	18	34	13	13	8	-	-	-	-	-	-	-	-	-	-	-	
State and local government	19	40.0	738	709	652 - 832	-	-	-	-	21	11	26	5	37	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	107	40.0	920	908	849 - 971	-	-	-	-	-	7	3	1	29	36	20	-	5	-	-	-	-	-	-	-	-	
Private industry	97	40.0	935	908	878 - 1,000	-	-	-	-	-	3	1	1	30	39	21	-	5	-	-	-	-	-	-	-	-	
Goods-producing industries	87	40.0	941	908	878 - 1,001	-	-	-	-	-	3	1	1	25	43	21	-	6	-	-	-	-	-	-	-	-	
Manufacturing	87	40.0	941	908	878 - 1,001	-	-	-	-	-	3	1	1	25	43	21	-	6	-	-	-	-	-	-	-	-	
State and local government	10	40.0	779	-	- - -	-	-	-	-	-	40	20	-	20	10	10	-	-	-	-	-	-	-	-	-	-	
Computer Programmers																											
Level I	101	40.0	607	615	596 - 626	-	6	3	20	65	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	204	40.0	670	667	635 - 710	-	-	1	4	33	31	24	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	185	40.0	674	669	637 - 710	-	-	1	2	34	32	26	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	19	39.7	631	613	575 - 698	-	-	11	26	26	21	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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		400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100	
Level III	314	40.0	\$808	\$805	\$758	—	\$862	—	—	—	1	2	2	12	27	45	11	—	—	—	—	—	—	—	—	—	—	—
Private industry	289	40.0	815	808	769	—	862	—	—	—	—	(³)	1	13	28	46	12	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	115	40.0	814	813	758	—	877	—	—	—	—	—	—	17	26	48	10	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	115	40.0	814	813	758	—	877	—	—	—	—	—	—	17	26	48	10	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	174	40.0	815	806	775	—	862	—	—	—	1	2	11	29	44	13	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	25	40.0	733	787	612	—	811	—	—	—	12	16	12	4	20	32	4	—	—	—	—	—	—	—	—	—	—	—
Level IV:																												
State and local government	10	40.0	908	—	—	—	—	—	—	—	—	—	—	10	40	40	10	—	—	—	—	—	—	—	—	—	—	—
Computer Systems Analysts																												
Level I	165	39.9	847	835	757	—	948	—	—	—	—	2	2	19	14	28	32	3	—	—	—	—	—	—	—	—	—	—
Private industry	142	40.0	836	824	754	—	943	—	—	—	—	2	2	19	16	31	27	2	—	—	—	—	—	—	—	—	—	—
Service-producing industries	82	40.0	804	767	743	—	840	—	—	—	1	—	33	20	28	18	—	—	—	—	—	—	—	—	—	—	—	—
Transportation and utilities	39	40.0	845	—	—	—	—	—	—	—	—	—	26	15	23	36	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	23	39.6	918	940	875	—	990	—	—	—	—	—	17	—	13	61	9	—	—	—	—	—	—	—	—	—	—	—
Level II	408	39.9	940	935	865	—	1,012	—	—	—	—	1	2	1	5	25	35	21	7	2	—	—	—	—	—	—	—	—
Private industry	367	39.9	944	933	870	—	1,009	—	—	—	—	1	1	5	28	38	21	7	1	—	—	—	—	—	—	—	—	—
Goods-producing industries	176	39.9	930	933	854	—	982	—	—	—	—	1	—	4	29	44	18	3	1	—	—	—	—	—	—	—	—	—
Manufacturing	176	39.9	930	933	854	—	982	—	—	—	—	1	—	4	29	44	18	3	1	—	—	—	—	—	—	—	—	—
Service-producing industries	191	40.0	956	942	877	—	1,027	—	—	—	—	—	1	6	27	32	23	10	2	—	—	—	—	—	—	—	—	—
State and local government	41	40.0	908	959	695	—	1,090	—	—	—	—	10	17	7	7	2	15	22	12	7	—	—	—	—	—	—	—	—
Level III	221	40.0	1,066	1,033	973	—	1,154	—	—	—	—	—	—	1	(³)	8	22	32	20	10	5	2	—	—	—	—	—	—
Private industry	210	40.0	1,079	1,040	984	—	1,154	—	—	—	—	—	—	(³)	—	5	22	33	21	10	5	2	—	—	—	—	—	—
Goods-producing industries	78	40.0	1,089	—	—	—	—	—	—	—	—	—	—	—	9	19	31	19	10	8	4	—	—	—	—	—	—	—
Manufacturing	78	40.0	1,089	—	—	—	—	—	—	—	—	—	—	—	9	19	31	19	10	8	4	—	—	—	—	—	—	—
Service-producing industries	132	40.0	1,073	1,051	987	—	1,142	—	—	—	—	—	1	—	2	24	35	23	10	4	2	—	—	—	—	—	—	—
Personnel Specialists																												
Level I:																												
State and local government	8	40.0	575	—	—	—	—	—	—	38	25	25	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	111	40.0	641	645	534	—	739	8	9	20	8	5	12	16	7	13	2	—	—	—	—	—	—	—	—	—	—	—
Private industry	100	40.0	628	616	529	—	739	9	10	22	8	6	9	16	7	13	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	63	40.0	546	—	—	—	—	14	16	35	13	10	5	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	112	40.0	842	824	745	—	940	—	—	—	—	7	6	13	14	30	13	14	2	—	—	—	—	—	—	—	—	—
Private industry	95	40.0	836	823	744	—	940	—	—	—	—	8	6	15	17	24	13	15	2	—	—	—	—	—	—	—	—	—
State and local government	17	40.0	873	854	824	—	949	—	—	—	—	—	6	—	—	65	18	12	—	—	—	—	—	—	—	—	—	—
Level IV	164	40.0	1,126	1,095	1,006	—	1,218	—	—	—	—	—	—	—	—	1	23	27	18	18	11	1	1	—	—	—	—	—
Private industry	140	40.0	1,119	1,093	1,000	—	1,217	—	—	—	—	—	—	—	—	1	24	26	19	20	6	1	1	—	—	—	—	—
Goods-producing industries	81	40.0	1,175	1,193	1,039	—	1,269	—	—	—	—	—	—	—	—	—	21	12	21	32	10	2	1	—	—	—	—	—
Manufacturing	81	40.0	1,175	1,193	1,039	—	1,269	—	—	—	—	—	—	—	—	—	21	12	21	32	10	2	1	—	—	—	—	—
Service-producing industries	59	40.0	1,042	—	—	—	—	—	—	—	—	—	—	—	—	3	29	46	17	3	2	—	—	—	—	—	—	—
State and local government	24	40.0	1,168	1,168	1,033	—	1,330	—	—	—	—	—	—	—	—	—	13	29	13	8	38	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Milwaukee, WI, August 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			400 and under 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2100
Tax Collectors																												
Level I	7	40.0	\$549	—	—	—	—	—	14	57	—	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	7	40.0	549	—	—	—	—	—	14	57	—	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	30	40.0	651	\$663	\$622	—	\$663	—	—	—	—	37	57	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	30	40.0	651	663	622	—	663	—	—	—	—	37	57	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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, Milwaukee, WI, August 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 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 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	
TECHNICAL OCCUPATIONS																												
Computer Operators																												
Level II	140	39.9	\$480	\$462	\$425 —	\$524	1	6	18	15	19	5	11	8	9	2	1	1	1	1	1	2	—	—	—	—	—	
Private industry	115	39.9	470	457	424 —	500	1	5	22	17	23	6	13	3	—	3	—	1	1	1	1	3	—	—	—	—	—	
Service-producing industries	85	39.8	460	460	424 —	500	1	7	20	18	20	8	18	5	—	4	—	—	—	—	—	—	—	—	—	—	—	
State and local government	25	39.8	529	550	525 —	555	—	8	—	4	—	—	4	28	52	—	4	—	—	—	—	—	—	—	—	—	—	
Level III	96	39.9	595	586	518 —	654	—	—	—	3	3	7	14	8	8	9	11	5	18	3	—	6	2	1	—	—	—	
Private industry	79	39.9	604	—	— —	—	—	—	—	3	4	3	15	10	8	9	8	6	20	4	—	8	3	1	—	—	—	
Goods-producing industries	59	40.0	600	—	— —	—	—	—	—	3	3	2	15	8	10	10	5	5	25	5	—	2	3	2	—	—	—	
Manufacturing	59	40.0	600	—	— —	—	—	—	—	3	3	2	15	8	10	10	5	5	25	5	—	2	3	2	—	—	—	
State and local government	17	40.0	555	564	493 —	602	—	—	—	6	—	29	6	—	12	12	29	—	6	—	—	—	—	—	—	—	—	
Drafters																												
Level II	66	40.0	533	—	— —	—	—	—	—	15	15	14	5	2	15	9	—	24	2	—	—	—	—	—	—	—	—	
Level III	125	40.0	671	658	620 —	739	—	—	—	—	—	2	5	1	4	9	15	12	5	15	10	12	11	—	—	—	—	
Private industry	102	40.0	661	645	612 —	730	—	—	—	—	—	2	5	1	5	9	18	11	5	19	9	4	14	—	—	—	—	
Goods-producing industries	80	40.0	627	626	594 —	678	—	—	—	—	—	2	6	1	6	11	22	14	6	22	7	—	—	—	—	—	—	
Manufacturing	80	40.0	627	626	594 —	678	—	—	—	—	—	2	6	1	6	11	22	14	6	22	7	—	—	—	—	—	—	
Engineering Technicians																												
Level III	225	39.7	648	640	599 —	698	—	—	—	—	—	2	5	8	16	7	20	11	8	16	4	2	(³)	—	—	—	—	
Private industry	225	39.7	648	640	599 —	698	—	—	—	—	—	2	5	8	16	7	20	11	8	16	4	2	(³)	—	—	—	—	
Goods-producing industries	205	39.7	635	636	596 —	673	—	—	—	—	—	2	5	8	18	8	22	12	9	16	(³)	—	—	—	—	—	—	
Manufacturing	205	39.7	635	636	596 —	673	—	—	—	—	—	2	5	8	18	8	22	12	9	16	(³)	—	—	—	—	—	—	
Level IV	536	40.0	799	782	734 —	876	—	—	—	—	—	—	—	—	1	1	1	1	10	22	20	13	7	15	7	—	—	
Private industry	536	40.0	799	782	734 —	876	—	—	—	—	—	—	—	—	1	1	1	1	10	22	20	13	7	15	7	—	—	
Goods-producing industries	439	40.0	776	764	729 —	806	—	—	—	—	—	—	—	—	1	2	1	2	12	27	23	13	8	8	3	—	—	
Manufacturing	439	40.0	776	764	729 —	806	—	—	—	—	—	—	—	—	1	2	1	2	12	27	23	13	8	8	3	—	—	
Engineering Technicians, Civil																												
Level I	25	40.0	403	362	362 —	476	60	8	—	—	—	28	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
State and local government	25	40.0	403	362	362 —	476	60	8	—	—	—	28	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Level II	39	40.0	521	540	436 —	571	—	21	—	5	3	—	13	13	28	—	—	18	—	—	—	—	—	—	—	—	—	
State and local government	39	40.0	521	540	436 —	571	—	21	—	5	3	—	13	13	28	—	—	18	—	—	—	—	—	—	—	—	—	
Level III	75	40.0	687	681	620 —	774	—	—	—	—	3	—	4	3	3	5	11	12	5	5	16	17	16	—	—	—	—	
State and local government	75	40.0	687	681	620 —	774	—	—	—	—	3	—	4	3	3	5	11	12	5	5	16	17	16	—	—	—	—	
Level IV	37	40.0	818	842	751 —	922	—	—	—	—	—	—	—	—	—	5	—	—	3	8	8	14	24	3	35	—	—	
State and local government	37	40.0	818	842	751 —	922	—	—	—	—	—	—	—	—	—	5	—	—	3	8	8	14	24	3	35	—	—	
Level V	21	40.0	928	903	903 —	957	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	5	48	14	19	
State and local government	21	40.0	928	903	903 —	957	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	5	48	14	19	

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, Milwaukee, WI, August 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 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 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	616	40.3	\$547	\$539	\$511 – \$571	–	–	–	(³)	1	16	14	28	20	9	3	1	3	–	4	–	–	–	–	–	–	–
State and local government	616	40.3	547	539	511 – 571	–	–	–	(³)	1	16	14	28	20	9	3	1	3	–	4	–	–	–	–	–	–	–
Firefighters	669	50.3	722	796	650 – 796	–	–	–	–	6	3	–	6	–	9	1	1	–	2	6	67	–	–	–	–	–	–
State and local government	669	50.3	722	796	650 – 796	–	–	–	–	6	3	–	6	–	9	1	1	–	2	6	67	–	–	–	–	–	–
Police Officers																											
Level I	2,321	40.1	723	795	646 – 796	–	–	–	–	–	2	2	5	2	8	1	8	1	2	9	55	5	–	–	–	–	
State and local government	2,321	40.1	723	795	646 – 796	–	–	–	–	–	2	2	5	2	8	1	8	1	2	9	55	5	–	–	–	–	
Level II	64	40.0	797	817	817 – 817	–	–	–	–	–	–	–	–	–	–	–	–	–	13	2	8	78	–	–	–	–	
State and local government	64	40.0	797	817	817 – 817	–	–	–	–	–	–	–	–	–	–	–	–	–	13	2	8	78	–	–	–	–	

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, Milwaukee, WI, August 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 and over	
Clerks, Accounting																												
Level II	339	39.9	\$425	\$426	\$366	—	\$484	—	—	5	7	7	9	8	14	11	9	16	8	3	5	—	—	—	—	—	—	—
Private industry	226	40.0	405	397	347	—	458	—	—	7	11	10	12	11	6	12	11	8	8	1	4	—	—	—	—	—	—	—
Goods-producing industries	90	40.0	440	455	403	—	485	—	—	4	7	1	8	3	3	19	20	13	18	3	—	—	—	—	—	—	—	—
Manufacturing	90	40.0	440	455	403	—	485	—	—	4	7	1	8	3	3	19	20	13	18	3	—	—	—	—	—	—	—	—
Service-producing industries	136	39.9	382	370	336	—	417	—	—	9	13	16	15	15	7	7	5	4	1	—	7	—	—	—	—	—	—	
State and local government	113	39.9	464	480	420	—	491	—	—	—	—	4	2	29	9	4	32	9	6	6	—	—	—	—	—	—	—	—
Level III	372	39.8	476	480	416	—	524	—	—	—	(³)	1	8	6	13	8	12	13	14	7	12	3	2	—	—	—	—	
Private industry	205	39.9	446	430	392	—	493	—	—	—	(³)	1	15	10	20	11	7	19	6	3	3	(³)	3	—	—	—	—	
Goods-producing industries	89	39.7	473	487	438	—	493	—	—	—	—	—	8	4	7	10	11	39	9	6	3	1	1	—	—	—	—	
Manufacturing	89	39.7	473	487	438	—	493	—	—	—	—	—	8	4	7	10	11	39	9	6	3	1	1	—	—	—	—	
Service-producing industries	116	40.0	425	404	387	—	430	—	—	—	1	3	20	15	30	12	3	3	3	2	3	—	5	—	—	—	—	
State and local government	167	39.8	514	513	472	—	555	—	—	—	—	—	—	—	5	3	19	7	25	12	23	7	—	—	—	—	—	
Level IV	219	40.0	574	568	502	—	624	—	—	—	—	—	—	—	2	5	4	11	8	10	26	17	8	5	1	2	—	
Private industry	184	40.0	577	575	500	—	630	—	—	—	—	—	—	—	3	5	4	11	8	9	22	17	10	6	2	3	—	
Goods-producing industries	142	40.0	583	591	523	—	633	—	—	—	—	—	—	—	2	2	4	10	9	8	25	18	13	8	1	1	—	
Manufacturing	142	40.0	583	591	523	—	633	—	—	—	—	—	—	—	2	2	4	10	9	8	25	18	13	8	1	1	—	
Clerks, General																												
Level I	102	40.0	321	307	299	—	339	—	—	30	35	21	2	11	—	1	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	53	40.0	334	330	301	—	339	—	—	—	47	32	2	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	403	40.0	389	383	332	—	428	1	3	2	12	13	11	24	8	12	(³)	—	1	11	1	—	—	—	—	—	—	
Private industry	219	40.0	358	338	318	—	410	2	6	4	21	19	11	4	15	13	—	—	(³)	—	3	—	—	—	—	—	—	
Service-producing industries	219	40.0	358	338	318	—	410	2	6	4	21	19	11	4	15	13	—	—	(³)	—	3	—	—	—	—	—	—	
State and local government	184	40.0	425	383	383	—	504	—	—	—	—	5	10	49	—	10	1	—	2	23	—	—	—	—	—	—	—	
Level III	553	40.0	436	439	393	—	482	—	—	1	1	9	9	7	17	9	7	35	(³)	—	(³)	2	1	—	—	—	—	
Private industry	301	40.0	413	409	354	—	473	—	—	1	3	16	15	9	12	11	7	23	1	—	—	(³)	1	—	—	—	—	
Service-producing industries	255	40.0	413	414	354	—	482	—	—	2	1	19	18	7	8	10	5	27	1	—	—	(³)	1	—	—	—	—	
State and local government	252	40.0	463	484	420	—	487	—	—	—	—	1	2	5	24	6	7	49	—	—	(³)	5	—	—	—	—	—	
Level IV	217	40.0	470	459	411	—	502	—	—	—	—	7	12	7	16	11	17	12	2	9	2	5	—	(³)	—	—		
Private industry	196	40.0	459	458	406	—	494	—	—	—	—	8	14	8	17	12	19	13	2	2	—	5	—	1	—	—	—	
Service-producing industries	153	40.0	444	430	396	—	494	—	—	—	—	10	18	10	22	10	8	17	3	2	2	—	—	1	—	—	—	
Key Entry Operators																												
Level I	66	40.0	405	—	—	—	—	—	2	8	11	6	5	12	3	41	3	2	6	2	2	—	—	—	—	—	—	
Private industry	65	40.0	404	—	—	—	—	—	2	8	11	6	5	12	3	42	2	2	6	2	2	—	—	—	—	—	—	
Service-producing industries	63	40.0	407	—	—	—	—	—	2	8	8	6	5	13	3	43	2	2	6	2	2	—	—	—	—	—	—	
Personnel Assistants (Employment)																												
Level III:																												
State and local government	8	40.0	569	—	—	—	—	—	—	—	—	—	—	—	—	—	—	38	13	25	—	25	—	—	—	—	—	
Secretaries																												
Level I	191	39.9	481	481	406	—	550	—	—	—	1	6	8	6	9	3	16	6	18	2	13	4	8	—	—	—	—	
Private industry	94	40.0	465	423	371	—	612	—	—	—	1	11	16	6	17	5	15	—	3	—	—	9	17	—	—	—	—	
Service-producing industries	79	40.0	455	—	—	—	—	—	—	—	1	13	19	8	20	5	6	—	4	—	—	4	20	—	—	—	—	
State and local government	97	39.8	497	511	466	—	550	—	—	—	2	—	—	6	2	1	16	11	32	3	26	—	—	—	—	—	—	

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Milwaukee, WI, August 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 and over	
Level II	758	40.0	\$479	\$457	\$418 – \$536	–	–	–	–	(³)	5	11	14	17	10	8	7	11	9	4	2	2	(³)	(³)	–	–	
Private industry	656	40.0	470	444	412 – 516	–	–	–	–	(³)	5	13	16	19	11	8	5	9	5	3	3	2	(³)	(³)	–	–	
Service-producing industries	503	40.0	448	433	404 – 479	–	–	–	–	(³)	7	17	20	20	9	8	4	8	2	2	2	(³)	–	–	–	–	
State and local government	102	39.8	540	544	516 – 556	–	–	–	–	–	–	–	–	3	6	4	21	24	34	9	–	–	–	–	–	–	
Level III	658	40.0	553	546	501 – 596	–	–	–	–	–	–	1	3	4	7	7	11	17	26	12	6	2	1	1	(³)	–	
Private industry	545	40.0	548	545	488 – 591	–	–	–	–	–	–	1	4	5	9	9	13	11	26	10	6	3	2	1	(³)	–	
Goods-producing industries	267	39.9	589	575	548 – 637	–	–	–	–	–	–	–	4	1	2	4	3	12	35	17	9	5	3	2	(³)	–	
Manufacturing	267	39.9	589	575	548 – 637	–	–	–	–	–	–	–	4	1	2	4	3	12	35	17	9	5	3	2	(³)	–	
Service-producing industries	278	40.0	509	503	462 – 542	–	–	–	–	–	–	3	4	9	15	13	23	10	16	3	3	(³)	–	(³)	–	–	
State and local government	113	40.0	578	588	534 – 634	–	–	–	–	–	–	–	–	–	–	–	1	45	26	24	4	–	–	–	–	–	
Level IV	180	39.9	702	703	637 – 758	–	–	–	–	–	–	–	1	–	–	1	3	2	9	20	15	24	9	8	4	5	
Private industry	164	39.9	704	707	637 – 760	–	–	–	–	–	–	–	1	–	–	1	3	2	7	20	13	26	10	9	3	5	
Service-producing industries	63	39.8	645	–	–	–	–	–	–	–	–	–	2	–	–	2	8	5	14	24	19	17	8	–	–	2	
Switchboard Operator-Receptionists	117	39.9	358	340	300 – 421	–	11	14	20	15	7	2	12	9	2	3	4	1	–	1	1	–	–	–	–	–	
Private industry	101	39.9	347	330	280 – 375	–	13	16	21	17	8	2	4	10	2	3	2	1	–	1	1	–	–	–	–	–	
Service-producing industries	54	40.0	321	–	–	–	24	20	17	11	15	2	6	–	2	2	–	2	–	–	–	–	–	–	–	–	
State and local government	16	39.7	429	421	421 – 463	–	–	–	13	–	–	–	63	–	–	6	19	–	–	–	–	–	–	–	–	–	
Word Processors																											
Level II	110	40.0	525	549	492 – 549	–	–	–	–	–	–	2	1	9	6	13	5	46	6	11	–	–	–	–	–	–	

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-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Milwaukee, WI, August 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	Under 8.00	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00
						- 8.50	- 9.00	- 9.50	- 10.00	- 10.50	- 11.00	- 11.50	- 12.00	- 13.00	- 14.00	- 15.00	- 16.00	- 17.00	- 18.00	- 19.00	- 20.00	- 21.00	- 22.00	- 23.00	- 24.00	- 25.00	- 26.00
General Maintenance Workers	185	\$13.66	\$13.05	\$11.35 – \$15.95	4	2	3	2	2	2	5	7	2	14	15	–	21	17	–	–	–	5	–	–	–	–	–
Private industry	117	13.65	13.05	12.35 – 16.68	6	3	3	2	3	2	2	2	–	20	23	–	1	27	–	–	–	8	–	–	–	–	–
Service-producing industries	87	13.95	13.65	10.58 – 16.68	8	3	5	2	3	2	2	2	–	10	13	–	1	37	–	–	–	10	–	–	–	–	–
State and local government	68	13.69	15.66	11.35 – 15.90	–	–	1	1	1	3	12	16	6	3	1	–	54	–	–	–	–	–	–	–	–	–	–
Maintenance Electricians	811	21.22	21.31	20.47 – 22.19	–	–	–	–	–	–	–	–	–	–	(²)	(²)	(²)	(²)	5	6	9	22	9	42	5	1	1
Private industry	665	21.27	22.10	20.47 – 22.38	–	–	–	–	–	–	–	–	–	–	(²)	(²)	(²)	(²)	5	7	11	9	11	49	6	(²)	–
Goods-producing industries	546	20.95	21.31	19.85 – 22.10	–	–	–	–	–	–	–	–	–	–	(²)	(²)	(²)	–	6	8	13	12	13	47	–	–	–
Manufacturing	546	20.95	21.31	19.85 – 22.10	–	–	–	–	–	–	–	–	–	–	(²)	(²)	(²)	–	6	8	13	12	13	47	–	–	–
State and local government	146	20.99	20.64	20.64 – 20.64	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	–	77	–	11	–	3	5
Maintenance Electronics Technicians																											
Level II	112	17.28	17.42	15.64 – 19.10	–	–	–	–	–	–	–	–	–	3	4	13	8	15	25	6	13	12	3	–	–	–	–
Private industry	66	18.04	–	–	–	–	–	–	–	–	–	–	–	–	2	14	3	12	23	6	17	20	5	–	–	–	–
Service-producing industries	58	17.70	–	–	–	–	–	–	–	–	–	–	–	–	2	16	3	14	26	7	19	9	5	–	–	–	–
State and local government	46	16.19	16.37	15.23 – 17.45	–	–	–	–	–	–	–	–	–	7	7	11	15	20	28	7	7	–	–	–	–	–	–
Maintenance Machinists	143	20.68	22.23	19.22 – 22.23	–	–	–	–	–	–	–	–	–	–	–	3	–	3	1	17	15	6	3	53	–	–	–
Private industry	137	20.69	22.23	19.22 – 22.23	–	–	–	–	–	–	–	–	–	–	–	3	–	4	1	18	15	3	3	55	–	–	–
Goods-producing industries	137	20.69	22.23	19.22 – 22.23	–	–	–	–	–	–	–	–	–	–	–	3	–	4	1	18	15	3	3	55	–	–	–
Manufacturing	137	20.69	22.23	19.22 – 22.23	–	–	–	–	–	–	–	–	–	–	–	3	–	4	1	18	15	3	3	55	–	–	–
State and local government	6	20.40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17	67	–	17	–	–	–
Maintenance Mechanics, Machinery	742	19.26	20.47	17.61 – 20.66	–	–	–	–	–	–	–	–	(²)	1	1	3	16	3	15	–	4	34	6	17	–	–	–
Private industry	711	19.47	20.47	17.95 – 20.66	–	–	–	–	–	–	–	–	(²)	(²)	(²)	1	17	3	16	–	3	36	7	18	–	–	–
Goods-producing industries	704	19.51	20.47	17.95 – 20.66	–	–	–	–	–	–	–	–	–	–	–	1	17	3	16	–	3	36	7	18	–	–	–
Manufacturing	704	19.51	20.47	17.95 – 20.66	–	–	–	–	–	–	–	–	–	–	–	1	17	3	16	–	3	36	7	18	–	–	–
State and local government	31	14.54	14.00	12.91 – 14.56	–	–	–	–	–	–	–	–	3	23	13	42	–	–	–	–	19	–	–	–	–	–	–
Maintenance Mechanics, Motor Vehicle	288	17.98	17.58	16.53 – 19.83	–	–	–	–	–	–	–	–	–	–	(²)	2	12	14	43	3	15	(²)	8	3	–	–	–
Private industry	222	18.54	17.58	17.58 – 19.83	–	–	–	–	–	–	–	–	–	–	–	–	6	–	56	4	19	(²)	10	4	–	–	–
State and local government	66	16.08	16.40	15.89 – 16.53	–	–	–	–	–	–	–	–	–	–	2	8	30	61	–	–	–	–	–	–	–	–	–
Maintenance Pipefitters	257	21.13	21.65	21.65 – 22.10	–	–	–	–	–	–	–	–	–	–	–	–	2	5	11	6	–	–	39	18	12	8	–
State and local government	34	23.35	24.04	21.99 – 24.04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	32	–	9	59	–
Tool and Die Makers	708	21.07	22.19	20.47 – 22.19	–	–	–	–	–	–	–	–	–	–	(²)	1	1	4	–	7	2	27	–	58	–	–	–
Private industry	708	21.07	22.19	20.47 – 22.19	–	–	–	–	–	–	–	–	–	–	(²)	1	1	4	–	7	2	27	–	58	–	–	–
Goods-producing industries	708	21.07	22.19	20.47 – 22.19	–	–	–	–	–	–	–	–	–	–	(²)	1	1	4	–	7	2	27	–	58	–	–	–
Manufacturing	708	21.07	22.19	20.47 – 22.19	–	–	–	–	–	–	–	–	–	–	(²)	1	1	4	–	7	2	27	–	58	–	–	–

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-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Milwaukee, WI, August 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	5.00 and under 5.50	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	14.00	15.00	16.00	17.00	18.00	19.00
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Forklift Operators	473	\$15.04	\$14.34	\$13.12 – \$19.01	–	–	–	–	(²)	1	1	1	2	2	2	2	2	2	4	2	9	35	–	–	–	–	35
Private industry	473	15.04	14.34	13.12 – 19.01	–	–	–	–	(²)	1	1	1	2	2	2	2	2	2	4	2	9	35	–	–	–	–	35
Goods-producing industries	376	15.64	14.67	13.18 – 19.01	–	–	–	–	–	–	–	–	1	3	3	3	2	2	4	2	10	25	–	–	–	–	44
Manufacturing	376	15.64	14.67	13.18 – 19.01	–	–	–	–	–	–	–	–	1	3	3	3	2	2	4	2	10	25	–	–	–	–	44
Guards																											
Level I:																											
State and local government	37	11.01	11.12	10.57 – 11.32	–	–	–	–	–	–	–	3	3	–	14	27	35	8	3	5	–	3	–	–	–	–	–
Janitors	2,892	9.15	8.57	6.51 – 10.89	1	12	10	5	7	6	7	7	4	3	3	8	5	1	2	1	8	2	(²)	5	–	–	–
Private industry	2,255	8.59	7.87	6.00 – 10.28	2	16	13	7	9	6	7	7	5	2	3	6	6	1	–	(²)	5	–	(²)	6	–	–	–
Goods-producing industries	421	12.32	11.48	10.60 – 13.50	–	–	–	–	–	1	–	–	1	–	(²)	29	22	4	–	2	27	–	–	13	–	–	–
Manufacturing	421	12.32	11.48	10.60 – 13.50	–	–	–	–	–	1	–	–	1	–	(²)	29	22	4	–	2	27	–	–	13	–	–	–
Service-producing industries	1,834	7.73	7.18	6.00 – 8.60	2	19	15	9	11	7	8	9	6	3	3	(²)	2	–	–	–	–	–	(²)	5	–	–	–
State and local government	637	11.15	10.86	9.82 – 13.23	–	–	–	–	2	5	7	7	2	5	7	17	3	4	8	4	20	9	–	–	–	–	–
Material Handling Laborers	310	9.99	9.51	8.00 – 11.48	–	–	9	6	8	2	11	5	6	8	3	(²)	18	6	3	1	8	(²)	3	1	3	–	–
Private industry	300	9.83	9.50	7.94 – 11.48	–	–	9	6	8	2	11	6	6	8	3	(²)	19	6	3	(²)	8	(²)	–	1	3	–	–
Service-producing industries	203	8.88	8.36	7.01 – 9.94	–	–	13	9	12	3	17	8	7	8	1	–	6	–	4	–	10	–	–	1	–	–	–
Shipping/Receiving Clerks	295	12.19	12.97	10.05 – 14.34	–	–	–	–	1	5	5	4	3	6	5	3	2	3	6	7	16	30	2	1	–	–	–
Private industry	248	12.07	12.97	9.79 – 14.48	–	–	–	–	1	6	6	4	3	7	6	3	3	3	1	8	13	35	–	1	–	–	–
Goods-producing industries	176	12.44	13.17	10.49 – 14.48	–	–	–	–	–	3	7	3	1	5	6	1	4	4	1	12	18	36	–	–	–	–	–
Manufacturing	176	12.44	13.17	10.49 – 14.48	–	–	–	–	–	3	7	3	1	5	6	1	4	4	1	12	18	36	–	–	–	–	–
Service-producing industries	72	11.16	–	–	–	–	–	–	3	14	4	8	7	13	4	8	–	–	–	1	35	–	3	–	–	–	–
State and local government	47	12.83	12.94	12.39 – 13.68	–	–	–	–	–	–	–	–	4	4	–	2	4	–	2	32	2	34	–	15	–	–	–

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 Milwaukee, WI 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 Milwaukee, WI Primary Metropolitan Statistical Area (September 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 Milwaukee, WI Primary Metropolitan Statistical Area. Collection for the survey was from June 1996 through October 1996 and reflects an average payroll reference month of August 1996. Data obtained for a payroll period prior to the end of August 1996 were updated to include general wage changes, if granted, scheduled to be effective through that date.

Occupational pay

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

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

Average pay reflect areawide estimates. Industries and establishments differ in pay levels and job staffing, and thus contribute differently to the estimates for each job. Therefore, average pay may not reflect the pay differential among jobs within

individual establishments. A-series tables provide distributions of workers by pay intervals

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

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

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

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

Survey nonresponse

Data were not available from 14.5 percent of the sample establishments (representing 68,307 employees covered by the survey). An additional 2.1 percent of the sample establishments (representing 6,796 employees) were either out of business or outside the scope of the survey.

If data were not provided by a sample member, the weights (based on the probability of selection in the sample) of responding sample establishments were adjusted to account for the missing data. The weights for establishments which were out of business or outside the scope of the survey were changed to zero.

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

Reliability of estimates

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

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

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

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	1.6
1 and under 3 percent	57.4
3 and under 5 percent	37.7
5 percent and over	3.3

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

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

Nonsampling errors can stem from many sources, such as inability to obtain information from some establishments; difficulties with survey definitions; inability of respondents to provide correct information; mistakes in recording or

coding the data obtained; and other errors of collection, response, coverage, and estimation of missing data. Although not specifically measured, the survey's nonsampling errors are expected to be minimal due to the high response rate, the extensive and continuous training of field economists who gather survey data by personal visit, careful screening of data at several levels of review, annual evaluation of the suitability of job definitions, and thorough field testing of new or revised job definitions.

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

collected. Subsequently, the JMV results are tallied, reported to BLS staff, and become the basis for remedial action for future surveys.

Approximately 7 percent of the 644 sampled job match decisions reviewed by the JMV reviewers and checked with the respondents were subsequently changed by the JMV reviewers. These results are from a similar survey conducted in 1994, see *Occupational Compensation Survey: Pay Only, Milwaukee, WI*, BLS Bulletin 3075-53.

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, Milwaukee, WI,¹ August 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	2,125	199	479,970	100	147,324
Private industry	2,026	179	409,901	85	98,856
Goods producing	664	46	145,011	30	30,024
Manufacturing	579	38	135,093	28	28,241
Construction ⁵	85	8	9,918	2	1,783
Service producing	1,362	133	264,890	55	68,832
Transportation, communication, electric, gas, and sanitary services ⁶	115	18	27,486	6	11,221
Wholesale trade ⁷	166	7	16,822	4	1,552
Retail trade ⁷	374	15	73,733	15	13,580
Finance, insurance, and real estate ⁷	149	15	21,325	4	7,873
Services ⁷	558	78	125,524	26	34,606
State and local government	99	20	70,069	15	48,468
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	170	61	229,037	100	124,515
Private industry	147	50	172,786	75	77,791
Goods producing	53	17	64,923	28	25,032
Manufacturing	52	16	64,340	28	24,449
Service producing	94	33	107,863	47	52,759
Transportation, communication, electric, gas, and sanitary services ⁶	7	5	10,743	5	9,043
Retail trade ⁷	36	7	37,726	16	12,678
Finance, insurance, and real estate ⁷	3	3	6,333	3	6,333
Services ⁷	44	17	49,253	22	23,753
State and local government	23	11	56,251	25	46,724

¹ The Milwaukee, WI Primary Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Milwaukee, Ozaukee, Washington, and Waukesha 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.