

Occupational Compensation Survey: Pay Only

**Minneapolis—St. Paul,
Minnesota—Wisconsin,
Metropolitan Area, February 1996**



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-13

Preface

This bulletin provides results of February 1996 survey of occupational pay in the Minneapolis—St. Paul, MN—WI Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in Chicago, under the direction of Ronald H. Pritzlaff, Assistant Regional Commissioner for Operations.

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

For additional information regarding this survey or similar surveys conducted in this regional area, please contact the BLS Chicago Regional Office at (312) 353-1880. You may also write to the Bureau of Labor Statistics at: Division of Occupational Pay and Employee Benefits, 2 Massachusetts Avenue, NE, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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Occupational Compensation Survey: Pay Only

Minneapolis—St. Paul, Minnesota—Wisconsin, Metropolitan Area, February 1996



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

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

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Introduction

This survey of occupational pay in the Minneapolis—St. Paul, MN—WI Metropolitan Statistical Area (Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington and Wright Counties, MN; and Pierce and St. Croix Counties, WI) 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, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over		
Buyers/Contracting Specialists																												
Level I	150	40.0	\$519	\$485	\$480 - \$577	55	28	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	127	40.0	510	481	480 - 577	61	24	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	96	40.0	502	481	480 - 500	67	25	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	96	40.0	502	481	480 - 500	67	25	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	23	40.0	569	573	522 - 614	17	48	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	485	39.7	656	645	603 - 683	1	15	65	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	435	39.6	653	645	603 - 683	1	15	65	16	3	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	342	39.8	646	645	603 - 673	-	14	73	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	342	39.8	646	645	603 - 673	-	14	73	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	93	39.1	680	644	611 - 722	4	16	38	29	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	50	40.0	683	677	643 - 685	-	14	62	16	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	503	39.8	816	808	760 - 870	-	-	11	33	36	13	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	497	39.8	813	808	760 - 864	-	-	11	34	36	13	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	473	39.8	808	808	760 - 850	-	-	12	36	35	14	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	472	39.8	807	808	759 - 850	-	-	12	36	35	14	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	134	39.8	1,026	1,015	967 - 1,088	-	-	-	-	10	22	51	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	133	39.8	1,026	1,015	967 - 1,085	-	-	-	-	10	23	51	11	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	126	39.7	1,018	1,015	958 - 1,062	-	-	-	-	10	24	50	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	126	39.7	1,018	1,015	958 - 1,062	-	-	-	-	10	24	50	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Programmers																												
Level I	152	39.4	589	577	557 - 631	3	62	34	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	124	39.3	597	581	560 - 635	1	60	38	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	55	39.7	621	-	-	-	36	62	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	69	39.0	578	-	-	1	80	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	28	40.0	551	-	-	11	68	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	746	40.0	652	654	609 - 692	2	18	57	21	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	671	40.0	649	646	609 - 692	1	18	60	19	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	444	40.0	631	616	602 - 673	2	22	63	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	75	40.0	671	681	594 - 764	8	17	35	39	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	935	40.0	754	736	704 - 808	-	1	22	51	21	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	700	40.0	740	731	699 - 769	-	(³)	26	57	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	147	40.0	735	731	686 - 769	-	-	35	52	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	147	40.0	735	731	686 - 769	-	-	35	52	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	553	40.0	741	731	712 - 769	-	(³)	23	59	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	235	40.0	798	811	730 - 872	-	6	10	33	32	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	670	38.7	905	900	849 - 962	-	-	(³)	12	37	34	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	654	38.7	903	894	848 - 962	-	-	(³)	12	38	33	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	615	38.6	900	894	848 - 960	-	-	(³)	12	38	34	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over		
Computer Systems Analysts																												
Level I	1,024	39.5	\$795	\$802	\$704 - \$885	-	2	21	26	35	14	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	950	39.5	794	801	700 - 875	-	2	21	26	34	15	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	251	39.7	835	822	783 - 880	-	-	4	32	45	13	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	251	39.7	835	822	783 - 880	-	-	4	32	45	13	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	699	39.4	779	787	686 - 872	-	2	28	24	30	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	74	40.0	807	852	736 - 885	-	3	14	26	54	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	1,839	39.6	958	962	875 - 1,021	-	-	(³)	7	23	35	23	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,594	39.6	960	962	869 - 1,038	-	-	(³)	7	24	33	23	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	561	39.6	947	929	882 - 1,005	-	-	-	5	29	40	19	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	556	39.6	948	933	881 - 1,005	-	-	-	5	28	40	19	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,033	39.5	968	971	860 - 1,077	-	-	(³)	9	21	29	25	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	245	40.0	941	987	900 - 1,001	-	-	2	5	17	50	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	859	39.7	1,087	1,060	992 - 1,178	-	-	-	-	5	21	33	19	15	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	816	39.7	1,090	1,061	993 - 1,185	-	-	-	-	5	22	32	19	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	348	40.0	1,089	1,058	1,006 - 1,154	-	-	-	-	-	19	42	24	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	347	40.0	1,088	1,058	1,006 - 1,154	-	-	-	-	-	19	42	24	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	468	39.5	1,091	1,066	979 - 1,219	-	-	-	-	8	24	25	16	19	7	2	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	43	40.0	1,030	1,036	968 - 1,114	-	-	-	-	14	14	47	23	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems Analyst Supervisors/Managers																												
Level I	212	39.4	1,157	1,131	1,065 - 1,224	-	-	-	-	(³)	11	25	33	14	8	2	5	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	150	39.2	1,175	1,152	1,044 - 1,247	-	-	-	-	-	13	17	33	16	9	3	7	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries	111	38.9	1,135	1,131	1,010 - 1,222	-	-	-	-	-	14	23	36	11	13	2	2	-	-	-	-	-	-	-	-	-	-	-
State and local government	62	40.0	1,114	1,096	1,072 - 1,112	-	-	-	-	2	8	42	34	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	276	39.4	1,364	1,332	1,217 - 1,461	-	-	-	-	-	(³)	8	13	17	24	21	4	4	1	1	4	2	-	-	-	-	-	
Private industry	245	39.4	1,380	1,365	1,231 - 1,464	-	-	-	-	-	-	9	11	15	23	23	4	5	1	1	4	2	-	-	-	-	-	
Goods-producing industries	64	40.0	1,559	-	-	-	-	-	-	-	-	-	2	19	25	13	2	9	3	3	17	8	-	-	-	-	-	
Manufacturing	64	40.0	1,559	-	-	-	-	-	-	-	-	-	2	19	25	13	2	9	3	3	17	8	-	-	-	-	-	
Service-producing industries	181	39.1	1,317	1,327	1,140 - 1,442	-	-	-	-	-	-	13	15	13	23	27	6	3	1	-	-	-	-	-	-	-	-	
State and local government	31	40.0	1,238	-	-	-	-	-	-	-	3	-	26	39	32	-	-	-	-	-	-	-	-	-	-	-	-	
Personnel Specialists																												
Level I	162	40.0	532	512	500 - 577	22	62	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	136	40.0	517	505	471 - 550	26	63	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	95	40.0	487	500	440 - 505	28	68	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	671	39.8	634	630	573 - 698	3	39	33	21	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	571	39.8	617	612	545 - 646	3	46	33	16	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	133	39.5	685	706	638 - 706	-	22	26	39	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	133	39.5	685	706	638 - 706	-	22	26	39	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	438	39.9	597	596	529 - 635	4	53	34	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	100	40.0	728	730	698 - 789	-	3	38	49	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over		
Level III	998	39.7	\$768	\$769	\$688 - \$839	-	11	17	37	24	7	4	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	851	39.7	753	755	677 - 822	-	12	19	39	21	5	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	191	40.0	796	809	739 - 880	-	15	1	31	37	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	191	40.0	796	809	739 - 880	-	15	1	31	37	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	660	39.6	741	750	650 - 788	-	11	25	41	17	3	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	147	40.0	851	861	772 - 922	-	2	4	28	37	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	622	40.0	1,020	992	923 - 1,122	-	-	(³)	3	12	36	18	23	4	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	547	40.0	1,011	981	923 - 1,118	-	-	(³)	2	12	39	16	24	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	133	39.9	1,055	1,017	927 - 1,154	-	-	-	2	-	38	26	20	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	128	39.9	1,057	1,030	927 - 1,158	-	-	-	2	-	39	23	20	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	414	40.0	997	948	923 - 1,106	-	-	(³)	2	16	39	13	26	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	75	40.0	1,089	1,037	964 - 1,225	-	-	-	7	5	20	29	8	7	24	-	-	-	-	-	-	-	-	-	-	-	-	
Level V	179	39.8	1,244	1,240	1,110 - 1,346	-	-	-	-	1	3	20	15	27	15	15	1	3	1	-	-	-	-	-	-	-	-	
Private industry	163	39.8	1,254	1,240	1,126 - 1,349	-	-	-	-	-	2	19	15	27	15	16	1	3	1	-	-	-	-	-	-	-	-	
Goods-producing industries	65	39.7	1,318	-	-	-	-	-	-	-	-	11	12	17	31	20	2	5	3	-	-	-	-	-	-	-	-	
Manufacturing	65	39.7	1,318	-	-	-	-	-	-	-	-	11	12	17	31	20	2	5	3	-	-	-	-	-	-	-	-	
Service-producing industries	98	39.8	1,212	1,214	1,081 - 1,250	-	-	-	-	-	4	24	17	34	4	13	1	2	-	-	-	-	-	-	-	-	-	
State and local government	16	40.0	1,138	1,105	1,012 - 1,295	-	-	-	-	6	13	31	6	25	19	-	-	-	-	-	-	-	-	-	-	-	-	
Personnel Supervisors/Managers																												
Level II	103	40.0	1,461	1,481	1,341 - 1,586	-	-	-	-	-	-	3	9	11	17	21	16	8	11	5	-	-	-	-	-	-	-	
Private industry	90	40.0	1,490	1,481	1,347 - 1,602	-	-	-	-	-	-	2	7	6	20	21	18	9	12	6	-	-	-	-	-	-	-	
Service-producing industries	61	40.0	1,441	-	-	-	-	-	-	-	-	3	10	7	23	26	15	5	8	3	-	-	-	-	-	-	-	
Level III	68	40.0	1,899	-	-	-	-	-	-	-	-	-	-	-	-	1	15	3	9	18	15	32	7	-	-	-		
Private industry	66	40.0	1,910	-	-	-	-	-	-	-	-	-	-	-	-	14	3	9	18	15	33	8	-	-	-	-		
Tax Collectors																												
Level I	27	40.0	571	556	538 - 594	-	85	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
State and local government	27	40.0	571	556	538 - 594	-	85	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	35	40.0	650	635	594 - 681	-	31	46	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
State and local government	35	40.0	650	635	594 - 681	-	31	46	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	36	40.0	753	749	704 - 811	-	-	22	44	25	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
State and local government	36	40.0	753	749	704 - 811	-	-	22	44	25	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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

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

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 12 percent at \$2,800 and under \$3,000 and 9 percent at \$3,000 and under \$3,200.

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, Minneapolis-St. Paul, MN-WI, February 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 and over		
TECHNICAL OCCUPATIONS																												
Computer Operators																												
Level I	67	39.4	\$419	-	- - -	13	22	9	12	13	10	3	6	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	26	40.0	476	-	- - -	4	4	12	-	12	19	8	15	19	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II:																												
Private industry:																												
Goods-producing industries	113	39.4	462	\$471	\$420 - \$483	-	-	-	29	11	33	8	12	4	-	1	3	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	108	39.4	462	471	406 - 495	-	-	-	31	11	30	8	12	5	-	1	3	-	-	-	-	-	-	-	-	-	-	-
State and local government	72	40.0	524	538	489 - 578	-	-	6	7	4	3	8	18	14	8	28	1	3	-	-	-	-	-	-	-	-	-	-
Level III																												
Private industry	420	39.9	561	557	510 - 613	-	(³)	-	(³)	5	5	5	15	16	10	11	20	10	1	-	-	-	-	-	-	-	-	-
Goods-producing industries	335	39.9	551	547	510 - 596	-	(³)	-	(³)	5	5	6	18	19	10	13	13	9	1	-	-	-	-	-	-	-	-	-
Manufacturing	150	39.8	569	566	533 - 602	-	-	-	-	-	3	5	13	17	15	18	20	7	1	-	-	-	-	-	-	-	-	-
State and local government	150	39.8	569	566	533 - 602	-	-	-	-	-	3	5	13	17	15	18	20	7	1	-	-	-	-	-	-	-	-	-
Goods-producing industries	185	40.0	537	528	500 - 575	-	1	-	1	9	8	7	22	21	6	9	6	10	1	-	-	-	-	-	-	-	-	-
Manufacturing	185	40.0	537	528	500 - 575	-	1	-	1	9	8	7	22	21	6	9	6	10	1	-	-	-	-	-	-	-	-	-
State and local government	85	40.0	599	613	567 - 645	-	-	-	-	6	1	2	5	6	6	6	48	18	2	-	-	-	-	-	-	-	-	-
Level IV																												
Private industry	153	40.0	680	669	626 - 730	-	-	-	-	-	-	-	-	5	7	3	24	24	20	10	5	-	2	1	-	-	-	-
Goods-producing industries	132	39.9	674	660	625 - 726	-	-	-	-	-	-	-	-	6	8	2	24	27	19	9	2	-	2	1	-	-	-	-
Manufacturing	101	40.0	682	680	632 - 730	-	-	-	-	-	-	-	-	4	5	3	28	22	23	12	1	-	3	-	-	-	-	-
State and local government	101	40.0	682	680	632 - 730	-	-	-	-	-	-	-	-	4	5	3	28	22	23	12	1	-	3	-	-	-	-	-
Drafters																												
Level II	737	40.0	538	538	490 - 582	-	-	-	-	4	10	15	15	13	14	14	14	1	(³)	-	-	-	-	-	-	-	-	-
Private industry	729	40.0	536	538	490 - 582	-	-	-	-	4	10	15	15	13	14	14	13	1	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	218	40.0	508	501	490 - 523	-	-	-	-	2	8	36	30	10	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	218	40.0	508	501	490 - 523	-	-	-	-	2	8	36	30	10	15	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	8	40.0	645	-	- - -	-	-	-	-	-	-	-	-	-	-	-	63	25	13	-	-	-	-	-	-	-	-	
Level III:																												
Private industry:																												
Goods-producing industries	296	39.8	595	577	552 - 636	-	-	-	-	-	1	-	1	3	35	20	19	18	2	1	-	-	-	-	-	-	-	-
Manufacturing	296	39.8	595	577	552 - 636	-	-	-	-	1	-	1	3	35	20	19	18	2	1	-	-	-	-	-	-	-	-	-
State and local government	21	40.0	778	806	761 - 806	-	-	-	-	-	-	-	-	-	-	-	10	5	29	57	-	-	-	-	-	-	-	
Level IV																												
Private industry	313	39.9	731	742	664 - 779	-	-	-	-	-	-	-	-	-	2	2	3	32	28	16	9	7	2	-	-	-	-	
Goods-producing industries	312	39.9	731	742	664 - 779	-	-	-	-	-	-	-	-	-	2	2	3	32	29	16	9	7	2	-	-	-	-	
Manufacturing	293	39.9	732	742	667 - 779	-	-	-	-	-	-	-	-	-	2	2	3	29	30	16	9	7	2	-	-	-	-	
State and local government	293	39.9	732	742	667 - 779	-	-	-	-	-	-	-	-	-	2	2	3	29	30	16	9	7	2	-	-	-	-	
Engineering Technicians																												
Level II	527	40.0	507	503	462 - 540	-	(³)	-	2	7	27	10	14	22	8	8	2	-	-	-	-	-	-	-	-	-	-	-
Private industry	527	40.0	507	503	462 - 540	-	(³)	-	2	7	27	10	14	22	8	8	2	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	520	40.0	508	504	462 - 542	-	-	-	2	7	27	10	14	22	8	8	2	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	520	40.0	508	504	462 - 542	-	-	-	2	7	27	10	14	22	8	8	2	-	-	-	-	-	-	-	-	-	-	-
Level III																												
Private industry	1,174	40.0	623	620	577 - 670	-	-	-	-	-	(³)	3	9	10	19	24	24	7	3	(³)	-	-	-	-	-	-	-	-
Goods-producing industries	1,174	40.0	623	620	577 - 670	-	-	-	-	-	(³)	3	9	10	19	24	24	7	3	(³)	-	-	-	-	-	-	-	-
Manufacturing	1,078	40.0	624	616	577 - 669	-	-	-	-	-	(³)	4	9	8	20	24	23	8	4	(³)	-	-	-	-	-	-	-	-
State and local government	1,078	40.0	624	616	577 - 669	-	-	-	-	-	(³)	4	9	8	20	24	23	8	4	(³)	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Minneapolis-St. Paul, MN-WI, February 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 and over	
Level IV	897	39.9	\$757	\$747	\$689 - \$815	-	-	-	-	-	-	-	-	(³)	(³)	(³)	9	19	21	21	13	6	3	6	(³)	-	
Private industry	897	39.9	757	747	689 - 815	-	-	-	-	-	-	-	-	(³)	(³)	(³)	9	19	21	21	13	6	3	6	(³)	-	
Goods-producing industries	797	39.9	750	738	689 - 789	-	-	-	-	-	-	-	-	(³)	(³)	(³)	10	21	23	23	8	5	2	6	-	-	
Manufacturing	797	39.9	750	738	689 - 789	-	-	-	-	-	-	-	-	(³)	(³)	(³)	10	21	23	23	8	5	2	6	-	-	
Service-producing industries	100	40.0	819	817	817 - 864	-	-	-	-	-	-	-	-	-	2	1	2	4	3	6	54	19	4	3	2	-	
Level V	662	39.8	844	834	782 - 892	-	-	-	-	-	-	-	-	-	-	(³)	3	11	17	25	21	9	7	2	4	-	
Private industry	662	39.8	844	834	782 - 892	-	-	-	-	-	-	-	-	-	-	(³)	3	11	17	25	21	9	7	2	4	-	
Goods-producing industries	601	39.8	837	834	775 - 887	-	-	-	-	-	-	-	-	-	-	(³)	3	12	18	22	23	9	6	2	2	-	
Manufacturing	601	39.8	837	834	775 - 887	-	-	-	-	-	-	-	-	-	-	(³)	3	12	18	22	23	9	6	2	2	-	
Engineering Technicians, Civil																											
Level I	16	40.0	494	473	472 - 542	-	-	-	-	19	38	6	6	19	13	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	16	40.0	494	473	472 - 542	-	-	-	-	19	38	6	6	19	13	-	-	-	-	-	-	-	-	-	-	-	-
Level II	316	40.0	603	613	567 - 631	-	-	-	-	2	-	10	6	7	12	56	3	2	2	-	-	-	-	-	-	-	-
State and local government	316	40.0	603	613	567 - 631	-	-	-	-	2	-	10	6	7	12	56	3	2	2	-	-	-	-	-	-	-	-
Level III	653	40.0	705	713	673 - 726	-	-	-	-	-	-	-	-	(³)	(³)	2	4	22	66	4	2	-	-	-	-	-	
State and local government	653	40.0	705	713	673 - 726	-	-	-	-	-	-	-	-	(³)	(³)	2	4	22	66	4	2	-	-	-	-	-	
Level IV	460	40.0	805	811	745 - 866	-	-	-	-	-	-	-	-	-	-	-	3	12	15	17	25	6	12	8	1	-	
State and local government	356	40.0	830	832	750 - 907	-	-	-	-	-	-	-	-	-	-	-	6	19	10	30	7	15	11	2	-		
Level V	114	40.0	916	923	863 - 946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	36	46	8	-	4	-	
State and local government	74	40.0	917	941	863 - 946	-	-	-	-	-	-	-	-	-	-	-	-	-	9	34	49	1	-	7	-		
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers:																											
State and local government	1,034	40.0	616	606	556 - 660	-	-	-	-	1	(³)	3	(³)	18	18	8	22	11	11	3	1	3	-	-	-	-	-
Firefighters	573	53.0	763	825	674 - 832	-	-	-	-	-	-	-	-	5	4	3	7	14	1	6	39	19	2	-	-	-	
State and local government	573	53.0	763	825	674 - 832	-	-	-	-	-	-	-	-	5	4	3	7	14	1	6	39	19	2	-	-	-	
Police Officers																											
Level I	3,782	40.0	775	817	719 - 847	-	-	-	-	-	-	-	-	1	2	5	4	11	7	14	42	14	-	-	-	-	
State and local government	3,782	40.0	775	817	719 - 847	-	-	-	-	-	-	-	-	1	2	5	4	11	7	14	42	14	-	-	-	-	
Level II	346	40.0	885	894	832 - 942	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	25	28	29	12	-	-	
State and local government	346	40.0	885	894	832 - 942	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	25	28	29	12	-	-	

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, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Clerks, Accounting																										
Level I	98	40.0	\$331	\$340	\$337 - \$340	15	4	4	63	3	9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	2,002	39.9	402	389	348 - 442	-	2	5	19	12	20	13	7	7	5	4	3	1	1	1	1	-	-	-	-	-
Private industry	1,738	39.8	388	384	344 - 418	-	2	6	21	14	22	15	7	6	4	1	(³)	(³)	(³)	(³)	1	-	-	-	-	-
Goods-producing industries	448	39.9	405	384	360 - 441	-	-	-	15	24	21	13	3	7	13	(³)	1	(³)	(³)	(³)	2	-	-	-	-	-
Manufacturing	441	39.9	404	383	360 - 445	-	-	-	15	24	22	11	3	7	13	(³)	1	(³)	(³)	(³)	2	-	-	-	-	-
Service-producing industries	1,290	39.8	382	384	340 - 415	-	3	8	23	11	23	16	8	6	1	2	(³)	(³)	(³)	(³)	-	-	-	-	-	
State and local government	264	40.0	497	522	457 - 538	-	-	-	7	2	2	3	10	8	8	22	18	6	9	3	-	-	-	-	-	
Level III	2,667	40.0	461	448	400 - 508	-	-	1	4	4	13	17	12	12	8	10	6	6	1	3	2	1	-	-	-	
Private industry	2,103	40.0	444	439	400 - 489	-	-	2	5	4	14	20	13	13	9	11	5	1	1	2	1	1	-	-	-	
Goods-producing industries	630	40.0	465	468	416 - 503	-	-	-	-	(³)	16	17	12	11	13	16	7	2	2	4	1	-	-	-	-	
Manufacturing	625	40.0	465	468	416 - 503	-	-	-	-	(³)	16	17	12	11	13	16	7	2	2	4	1	-	-	-	-	
Service-producing industries	1,473	40.0	436	432	385 - 471	-	-	2	7	6	13	21	14	14	7	8	4	1	(³)	1	1	1	-	-	-	
State and local government	564	40.0	521	538	455 - 572	-	-	-	-	2	10	7	6	8	6	7	12	22	3	10	7	(³)	-	-	-	
Level IV	1,629	40.0	513	500	450 - 571	-	-	-	3	5	9	8	15	10	6	8	8	12	8	11	4	2	(³)	-	-	
Private industry	1,248	40.0	493	477	436 - 555	-	-	-	4	6	12	11	16	11	6	8	12	6	5	2	2	(³)	-	-	-	
Goods-producing industries	321	40.0	559	558	537 - 576	-	-	-	-	-	-	-	2	4	10	5	17	36	9	11	4	1	1	-	-	
Manufacturing	287	40.0	559	568	530 - 586	-	-	-	-	-	-	-	2	4	11	6	19	29	10	13	5	1	1	-	-	
State and local government	381	40.0	579	596	529 - 631	-	-	-	-	-	-	-	-	11	8	6	7	10	14	32	10	2	-	-	-	
Clerks, General																										
Level I	575	39.2	356	337	309 - 398	6	17	22	14	10	7	3	4	16	2	-	-	-	-	-	-	-	-	-	-	-
Private industry	341	38.6	311	309	290 - 327	9	28	35	20	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	234	40.0	421	431	372 - 472	1	1	4	4	19	9	6	9	40	5	-	-	-	-	-	-	-	-	-	-	
Level II	1,526	39.6	401	387	345 - 469	1	5	6	18	15	10	6	8	9	20	3	(³)	-	-	-	-	-	-	-	-	
Private industry	755	39.3	351	345	329 - 368	2	10	12	32	24	9	3	8	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	682	39.2	347	345	327 - 364	2	11	12	34	25	9	2	6	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	771	40.0	451	462	408 - 496	(³)	-	-	4	6	11	8	8	16	39	6	(³)	-	-	-	-	-	-	-	-	
Level III	3,124	39.6	439	425	385 - 485	-	1	4	4	10	17	12	6	9	16	8	7	2	2	1	(³)	-	-	-	-	
Private industry	1,921	39.4	408	399	372 - 438	-	1	6	6	15	24	18	9	10	2	6	3	(³)	-	1	1	-	-	-	-	
Goods-producing industries	233	40.0	427	405	399 - 456	-	-	-	1	11	27	23	6	13	5	1	12	-	-	-	-	-	-	-	-	
Manufacturing	232	40.0	427	405	399 - 456	-	-	-	1	11	27	23	6	13	5	1	13	-	-	-	-	-	-	-	-	
Service-producing industries	1,688	39.3	406	394	372 - 425	-	1	6	7	15	23	17	9	10	1	7	2	(³)	-	1	1	-	-	-	-	
State and local government	1,203	40.0	489	481	478 - 530	-	-	2	1	2	6	3	2	7	39	10	14	5	6	3	-	-	-	-	-	
Level IV	2,418	40.0	497	507	444 - 532	-	(³)	-	1	3	6	6	10	10	10	14	22	9	6	(³)	3	-	-	1	-	
Private industry	683	39.9	462	450	414 - 510	-	(³)	-	5	6	11	9	19	4	7	20	16	1	(³)	(³)	-	-	-	2	-	
Goods-producing industries	299	40.0	482	500	428 - 525	-	-	-	-	1	1	5	30	2	1	28	31	(³)	-	-	-	-	-	-	-	
Manufacturing	265	40.0	478	500	428 - 525	-	-	-	-	1	1	6	34	2	2	19	35	(³)	-	-	-	-	-	-	-	
Service-producing industries	384	39.7	446	428	386 - 488	-	(³)	-	8	9	18	13	11	5	11	14	4	1	1	(³)	-	-	-	3	-	
State and local government	1,735	40.0	511	517	467 - 544	-	-	-	-	2	4	4	7	13	11	11	25	12	8	(³)	4	-	-	-	-	

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Clerks, Order																										
Level I	445	40.0	\$387	\$393	\$350 - \$399	-	-	1	23	22	33	9	6	2	1	5	-	-	-	-	-	-	-	-	-	-
Private industry	445	40.0	387	393	350 - 399	-	-	1	23	22	33	9	6	2	1	5	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	266	40.0	399	393	350 - 416	-	-	1	16	15	35	10	9	3	2	8	-	-	-	-	-	-	-	-	-	-
Manufacturing	266	40.0	399	393	350 - 416	-	-	1	16	15	35	10	9	3	2	8	-	-	-	-	-	-	-	-	-	-
Level II	248	39.7	527	515	438 - 572	-	-	-	-	-	-	20	10	2	1	17	4	26	3	6	-	10	-	-	-	-
Private industry	248	39.7	527	515	438 - 572	-	-	-	-	-	-	20	10	2	1	17	4	26	3	6	-	10	-	-	-	-
Goods-producing industries	174	39.6	486	507	412 - 535	-	-	-	-	-	-	29	14	3	2	24	5	9	4	9	-	-	-	-	-	-
Manufacturing	174	39.6	486	507	412 - 535	-	-	-	-	-	-	29	14	3	2	24	5	9	4	9	-	-	-	-	-	-
Key Entry Operators																										
Level I	692	40.0	354	337	316 - 381	4	14	26	12	19	3	9	5	3	3	1	2	(³)	-	(³)	-	-	-	-	-	-
Private industry	564	40.0	340	322	310 - 360	5	18	30	13	21	2	6	1	1	1	2	(³)	-	(³)	-	-	-	-	-	-	-
Goods-producing industries	158	40.0	351	360	280 - 424	16	20	5	5	23	-	22	3	-	1	-	6	-	-	-	-	-	-	-	-	-
Manufacturing	158	40.0	351	360	280 - 424	16	20	5	5	23	-	22	3	-	1	-	6	-	-	-	-	-	-	-	-	-
Service-producing industries	406	40.0	335	320	314 - 350	-	17	40	17	19	3	-	-	1	1	1	(³)	(³)	-	(³)	-	-	-	-	-	-
State and local government	128	40.0	419	423	381 - 456	-	-	4	5	10	8	23	24	13	13	-	1	-	-	-	-	-	-	-	-	-
Level II	796	39.8	410	393	370 - 437	-	2	4	6	15	23	22	7	4	2	11	1	1	1	1	(³)	-	-	-	-	-
Private industry	671	39.8	394	385	369 - 423	-	3	5	7	17	26	25	8	4	1	2	(³)	(³)	(³)	(³)	(³)	-	-	-	-	-
Goods-producing industries	121	40.0	414	422	370 - 448	-	-	-	7	40	1	2	36	6	1	2	-	2	1	2	-	-	-	-	-	-
Manufacturing	120	40.0	414	414	370 - 448	-	-	-	7	41	1	2	36	5	1	2	-	2	1	2	-	-	-	-	-	-
Service-producing industries	550	39.7	389	385	363 - 419	-	3	6	7	12	32	30	2	3	1	2	(³)	-	-	(³)	(³)	-	-	-	-	-
State and local government	125	40.0	501	510	496 - 510	-	-	-	-	-	4	7	3	4	9	62	2	2	2	3	-	-	-	-	-	-
Personnel Assistants (Employment)																										
Level I	56	39.8	438	-	- - -	-	-	-	9	14	-	5	30	34	-	2	2	-	-	4	-	-	-	-	-	-
Private industry	55	39.8	439	-	- - -	-	-	-	9	15	-	4	31	35	-	2	2	-	-	4	-	-	-	-	-	-
Service-producing industries	50	39.8	437	-	- - -	-	-	-	10	16	-	-	34	32	-	2	2	-	-	4	-	-	-	-	-	-
Level III	155	39.5	517	498	440 - 585	-	-	-	-	-	6	7	14	14	10	10	5	6	6	8	14	-	-	-	-	-
Private industry	108	39.3	477	462	440 - 510	-	-	-	-	-	8	10	19	20	13	9	5	4	4	7	-	-	-	-	-	-
Service-producing industries	91	39.2	470	451	440 - 480	-	-	-	-	-	10	12	23	22	15	3	-	1	4	9	-	-	-	-	-	-
State and local government	47	40.0	607	613	572 - 665	-	-	-	-	-	-	-	-	-	2	13	6	11	13	9	47	-	-	-	-	-
Level IV	80	39.1	608	613	563 - 642	-	-	-	-	-	-	-	-	1	-	9	13	9	14	34	11	5	2	-	2	-
State and local government	43	40.0	650	631	613 - 672	-	-	-	-	-	-	-	-	-	-	5	-	9	47	21	9	5	-	5	-	-
Secretaries																										
Level I:																										
Private industry:																										
Goods-producing industries	126	40.0	433	440	411 - 448	-	-	-	3	4	10	21	40	9	7	4	2	-	-	1	-	-	-	-	-	-
Manufacturing	116	40.0	433	440	410 - 448	-	-	-	3	4	11	18	39	9	8	4	2	-	-	1	-	-	-	-	-	-
Level II	2,216	39.6	475	470	411 - 529	-	-	(³)	3	4	13	11	8	12	17	6	4	7	7	6	1	(³)	(³)	-	-	-
Private industry	1,551	39.4	463	462	412 - 496	-	-	(³)	1	3	14	13	10	15	19	8	5	7	2	2	(³)	-	-	-	-	-
Goods-producing industries	580	39.9	488	483	450 - 528	-	-	-	-	2	7	4	7	24	16	13	10	9	4	4	-	-	-	-	-	-
Manufacturing	539	39.9	486	483	450 - 527	-	-	-	-	2	8	4	6	25	16	13	11	10	4	2	-	-	-	-	-	-
Service-producing industries	971	39.1	447	443	400 - 479	-	-	(³)	2	4	18	18	12	10	22	5	2	5	1	1	(³)	-	-	-	-	-
State and local government	665	40.0	502	480	398 - 593	-	-	-	9	7	10	8	3	3	11	1	1	8	18	16	3	1	2	-	-	-

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Level III	4,075	39.7	\$535	\$528	\$484 - \$578	-	-	-	-	(³)	3	4	7	7	12	17	15	10	7	11	3	3	2	-	-	(³)
Private industry	3,327	39.7	534	527	490 - 567	-	-	-	-	1	3	1	5	6	13	19	17	11	8	9	3	2	2	-	-	(³)
Goods-producing industries	1,576	39.9	535	538	503 - 564	-	-	-	-	(³)	2	1	5	5	10	20	20	17	7	11	2	(³)	-	-	-	-
Manufacturing	1,576	39.9	535	538	503 - 564	-	-	-	-	(³)	2	1	5	5	10	20	20	17	7	11	2	(³)	-	-	-	-
Service-producing industries	1,751	39.4	533	516	481 - 577	-	-	-	-	1	5	2	6	7	16	18	15	6	9	7	3	4	3	-	-	(³)
State and local government	748	40.0	541	534	447 - 609	-	-	-	-	-	-	15	13	8	7	6	7	4	3	23	4	4	6	-	-	-
Level IV	1,413	39.7	619	614	570 - 663	-	-	-	-	-	-	-	(³)	2	2	3	6	13	15	31	13	10	4	1	(³)	-
Private industry	1,070	39.6	619	612	575 - 649	-	-	-	-	-	-	-	(³)	(³)	1	2	6	14	17	35	11	10	2	1	(³)	-
Service-producing industries	411	39.1	633	624	564 - 697	-	-	-	-	-	-	-	(³)	(³)	2	1	7	18	13	23	13	14	5	4	1	-
State and local government	343	40.0	617	621	546 - 682	-	-	-	-	-	-	-	(³)	8	5	7	8	8	8	20	19	7	11	-	-	-
Level V	119	40.0	768	753	704 - 821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15	29	15	19	9	8
Private industry	119	40.0	768	753	704 - 821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15	29	15	19	9	8
Switchboard Operator-Receptionists	1,727	39.8	382	371	344 - 402	(³)	2	4	20	31	15	10	3	3	4	5	(³)	(³)	-	1	-	-	-	-	-	-
Private industry	1,684	39.8	381	371	341 - 400	(³)	3	4	21	30	16	10	4	2	4	4	(³)	(³)	-	1	-	-	-	-	-	-
Goods-producing industries	526	40.0	385	380	340 - 432	1	7	1	25	15	10	15	10	5	10	1	(³)	-	-	(³)	-	-	-	-	-	-
Manufacturing	473	40.0	386	380	337 - 440	1	8	1	20	16	11	15	9	5	10	1	(³)	-	-	(³)	-	-	-	-	-	-
Service-producing industries	1,158	39.7	379	371	341 - 385	-	1	6	19	37	18	8	1	1	2	6	(³)	(³)	-	1	-	-	-	-	-	-
State and local government	43	40.0	426	463	364 - 463	-	-	-	-	44	-	-	-	40	-	16	-	-	-	-	-	-	-	-	-	-
Word Processors																										
Level I	97	39.8	451	456	372 - 481	-	-	4	13	10	9	4	4	7	27	1	6	-	-	13	-	-	-	-	-	-
Private industry	80	39.8	464	481	381 - 508	-	-	-	13	10	10	4	2	5	31	1	7	-	-	16	-	-	-	-	-	-
Service-producing industries	63	39.7	482	-	- - -	-	-	-	8	10	6	3	3	2	40	2	6	-	-	21	-	-	-	-	-	-
Level II:																										
Private industry:																										
Goods-producing industries	57	40.0	452	-	- - -	-	-	-	-	46	2	5	12	11	11	5	7	2	-	-	-	-	-	-	-	-
Manufacturing	57	40.0	452	-	- - -	-	-	-	-	46	2	5	12	11	11	5	7	2	-	-	-	-	-	-	-	-

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, Minneapolis-St. Paul, MN-WI, February 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	7.50	8.00	8.50	9.00	9.50	10.00	11.00	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	843	\$11.30	\$11.30	\$8.50 – \$12.78	7	12	7	1	1	14	26	8	12	1	9	1	2	–	–	–	–	–	–	–	–	–
Private industry	754	11.01	11.00	8.50 – 12.24	8	13	8	1	1	15	29	4	11	1	7	–	2	–	–	–	–	–	–	–	–	–
Goods-producing industries	242	12.40	11.50	10.69 – 15.17	–	(²)	–	–	(²)	38	25	5	4	2	20	–	6	–	–	–	–	–	–	–	–	–
Manufacturing	242	12.40	11.50	10.69 – 15.17	–	(²)	–	–	(²)	38	25	5	4	2	20	–	6	–	–	–	–	–	–	–	–	–
Service-producing industries	512	10.35	11.00	8.34 – 11.79	12	19	12	1	1	4	31	3	15	–	1	–	1	–	–	–	–	–	–	–	–	–
State and local government	89	13.77	13.42	12.72 – 15.02	–	–	–	–	–	3	2	42	13	3	25	11	–	–	–	–	–	–	–	–	–	–
Maintenance Electricians	824	20.92	21.98	19.15 – 22.75	–	–	–	–	–	–	–	–	–	(²)	7	6	2	3	12	10	27	20	9	2	2	(²)
Private industry	565	20.41	21.64	19.15 – 21.98	–	–	–	–	–	–	–	–	–	(²)	10	5	2	3	15	15	38	4	7	2	–	–
Goods-producing industries	524	20.25	20.68	19.14 – 21.98	–	–	–	–	–	–	–	–	–	(²)	11	5	2	3	15	16	39	2	4	2	–	–
Manufacturing	524	20.25	20.68	19.14 – 21.98	–	–	–	–	–	–	–	–	–	(²)	11	5	2	3	15	16	39	2	4	2	–	–
State and local government	259	22.04	22.75	22.75 – 22.88	–	–	–	–	–	–	–	–	–	–	–	10	2	3	5	–	3	54	16	–	7	1
Maintenance Electronics Technicians																										
Level I	317	12.03	12.30	10.00 – 13.60	–	–	–	3	5	28	8	18	21	16	(²)	–	–	–	–	–	–	–	–	–	–	–
Private industry	309	12.02	12.30	10.00 – 13.60	–	–	–	3	5	28	8	18	21	17	–	–	–	–	–	–	–	–	–	–	–	–
Level II:																										
State and local government	106	16.99	16.95	16.64 – 17.46	–	–	–	–	–	–	–	5	4	4	5	56	4	6	14	4	–	–	–	–	–	–
Level III	115	19.38	19.20	17.19 – 20.97	–	–	–	–	–	–	–	2	–	5	5	2	23	7	11	22	5	7	–	10	–	–
State and local government	82	18.36	17.78	17.19 – 20.45	–	–	–	–	–	–	–	2	–	7	7	2	33	10	9	20	–	10	–	–	–	–
Maintenance Machinists	495	18.50	18.87	17.26 – 20.28	–	–	–	–	–	–	–	–	–	7	3	5	28	9	17	29	1	2	–	–	–	–
Private industry	472	18.53	19.13	17.26 – 20.28	–	–	–	–	–	–	–	–	–	7	3	4	27	8	18	30	1	2	–	–	–	–
Goods-producing industries	461	18.43	18.88	17.26 – 20.28	–	–	–	–	–	–	–	–	–	7	3	4	28	8	18	31	1	–	–	–	–	–
Manufacturing	461	18.43	18.88	17.26 – 20.28	–	–	–	–	–	–	–	–	–	7	3	4	28	8	18	31	1	–	–	–	–	–
State and local government	23	17.87	17.91	17.33 – 18.18	–	–	–	–	–	–	–	–	–	–	–	17	39	39	–	4	–	–	–	–	–	–

See footnotes at end of table.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Minneapolis-St. Paul, MN-WI, February 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	7.50	8.00	8.50	9.00	9.50	10.00	11.00	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	26.00 and over
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance Mechanics, Machinery	1,586	\$16.50	\$16.20	\$14.78 — \$18.27	-	-	-	-	-	-	1	4	8	15	21	16	7	10	9	8	1	(²)	(²)	-	-	-	
Private industry	1,565	16.50	16.20	14.78 — 18.30	-	-	-	-	-	-	1	4	8	15	22	16	7	10	9	8	1	(²)	(²)	-	-	-	
Goods-producing industries	1,424	16.63	16.30	15.57 — 18.44	-	-	-	-	-	-	1	4	9	7	24	17	8	11	9	9	1	(²)	(²)	-	-	-	
Manufacturing	1,424	16.63	16.30	15.57 — 18.44	-	-	-	-	-	-	1	4	9	7	24	17	8	11	9	9	1	(²)	(²)	-	-	-	
Maintenance Mechanics, Motor Vehicle ...	1,875	16.77	17.31	15.00 — 18.32	-	-	-	-	-	-	-	2	7	14	16	10	6	38	3	1	3	-	-	-	-	-	
Private industry	1,060	16.21	15.35	14.85 — 18.08	-	-	-	-	-	-	-	-	12	21	28	4	6	18	4	1	5	-	-	-	-	-	
Goods-producing industries	138	17.39	16.90	15.44 — 20.85	-	-	-	-	-	-	-	-	25	-	20	14	1	3	7	8	22	-	-	-	-	-	
Manufacturing	104	18.55	18.75	15.44 — 21.68	-	-	-	-	-	-	-	-	-	-	27	19	2	4	9	11	29	-	-	-	-	-	
Service-producing industries	922	16.03	15.05	14.85 — 18.08	-	-	-	-	-	-	-	-	10	24	29	3	7	20	4	-	3	-	-	-	-	-	
State and local government	815	17.50	18.32	16.87 — 18.32	-	-	-	-	-	-	-	5	-	5	1	18	6	65	2	-	-	-	-	-	-	-	
Maintenance Pipefitters	230	20.84	20.86	19.65 — 21.68	-	-	-	-	-	-	-	-	-	-	-	(²)	-	2	27	46	10	10	1	4	-	-	
Private industry	128	20.57	20.63	19.65 — 20.86	-	-	-	-	-	-	-	-	-	-	-	-	-	3	33	41	19	-	-	5	-	-	
Goods-producing industries	90	20.50	20.63	19.65 — 21.68	-	-	-	-	-	-	-	-	-	-	-	-	-	4	22	47	27	-	-	-	-	-	
Manufacturing	90	20.50	20.63	19.65 — 21.68	-	-	-	-	-	-	-	-	-	-	-	-	-	4	22	47	27	-	-	-	-	-	
State and local government	102	21.18	20.86	20.86 — 22.50	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	19	52	-	22	3	4	-	-
Tool and Die Makers	768	18.16	17.91	17.80 — 19.47	-	-	-	-	-	-	-	-	7	2	7	2	39	14	17	3	9	1	-	-	-	-	
Private industry	767	18.16	17.91	17.80 — 19.47	-	-	-	-	-	-	-	-	7	2	7	2	39	14	17	3	9	1	-	-	-	-	
Goods-producing industries	767	18.16	17.91	17.80 — 19.47	-	-	-	-	-	-	-	-	7	2	7	2	39	14	17	3	9	1	-	-	-	-	
Manufacturing	767	18.16	17.91	17.80 — 19.47	-	-	-	-	-	-	-	-	7	2	7	2	39	14	17	3	9	1	-	-	-	-	

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, Minneapolis-St. Paul, MN-WI, February 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																					
		Mean	Median	Middle range	4.50 and under 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00
Forklift Operators	1,673	\$13.20	\$13.54	\$12.13 - \$14.79	-	-	-	-	-	1	(²)	(²)	2	2	6	1	10	26	19	23	(²)	3	-	7	-	-
Private industry	1,673	13.20	13.54	12.13 - 14.79	-	-	-	-	-	1	(²)	(²)	2	2	6	1	10	26	19	23	(²)	3	-	7	-	-
Goods-producing industries	1,606	13.23	13.54	12.13 - 14.79	-	-	-	-	-	-	-	-	2	2	6	1	10	27	19	24	(²)	1	-	7	-	-
Manufacturing	1,606	13.23	13.54	12.13 - 14.79	-	-	-	-	-	-	-	-	2	2	6	1	10	27	19	24	(²)	1	-	7	-	-
Guards																										
Level I	3,436	7.60	7.00	6.00 - 8.25	2	2	14	13	8	17	9	12	4	7	2	5	1	2	2	1	1	(²)	-	-	-	-
Private industry	3,360	7.51	7.00	6.00 - 8.20	2	2	14	13	8	17	9	12	4	8	1	4	1	1	1	1	1	(²)	-	-	-	-
Goods-producing industries	188	13.13	13.34	11.70 - 14.84	-	-	-	-	-	-	-	2	1	1	1	10	15	15	24	10	16	5	-	-	-	-
Manufacturing	188	13.13	13.34	11.70 - 14.84	-	-	-	-	-	-	-	2	1	1	1	10	15	15	24	10	16	5	-	-	-	-
Service-producing industries	3,172	7.17	7.00	6.00 - 8.00	2	2	15	14	9	18	10	13	4	8	1	4	(²)	(²)	(²)	(²)	-	-	-	-	-	-
State and local government	76	11.78	12.11	10.65 - 12.41	-	-	-	-	-	-	-	1	-	3	7	26	8	37	8	11	-	-	-	-	-	-
Level II	751	10.63	9.30	8.44 - 12.21	-	-	-	-	-	5	5	19	11	13	2	11	6	6	5	1	7	2	7	-	-	-
Private industry	672	10.32	9.13	8.21 - 11.20	-	-	-	-	-	6	5	21	13	14	2	11	5	4	4	-	7	-	7	-	-	-
Service-producing industries	664	10.28	9.13	8.19 - 11.15	-	-	-	-	-	6	5	22	13	14	2	11	5	4	3	-	7	-	8	-	-	-
State and local government	79	13.19	12.96	11.46 - 15.78	-	-	-	-	-	-	-	-	-	-	5	13	19	20	9	5	9	20	-	-	-	-
Janitors	9,938	8.34	7.25	6.50 - 9.49	-	(²)	(²)	7	39	7	4	6	6	6	3	6	5	5	3	2	(²)	-	-	(²)	-	-
Private industry	8,632	7.81	6.80	6.50 - 8.65	-	(²)	(²)	8	45	8	4	7	7	5	2	6	3	1	2	(²)	(²)	-	-	(²)	-	-
Goods-producing industries	878	11.20	11.18	9.06 - 12.70	-	-	-	-	-	(²)	6	1	14	7	5	13	24	9	11	4	2	-	-	3	-	-
Manufacturing	878	11.20	11.18	9.06 - 12.70	-	-	-	-	-	(²)	6	1	14	7	5	13	24	9	11	4	2	-	-	3	-	-
Service-producing industries	7,754	7.43	6.80	6.50 - 8.01	-	(²)	(²)	9	51	9	4	7	6	5	2	5	1	(²)	1	-	(²)	-	-	-	-	-
State and local government	1,306	11.84	12.36	10.71 - 13.09	-	-	-	-	-	4	(²)	2	1	9	4	9	15	30	13	14	-	-	-	-	-	-
Material Handling Laborers:																										
State and local government	42	12.71	13.11	12.28 - 13.77	-	-	-	-	-	-	-	-	7	5	-	7	2	29	40	-	2	5	2	-	-	-
Order Fillers	469	11.10	11.90	8.25 - 12.35	-	-	-	-	-	5	13	9	-	4	14	2	15	13	-	20	4	-	-	-	-	-
Private industry	469	11.10	11.90	8.25 - 12.35	-	-	-	-	-	5	13	9	-	4	14	2	15	13	-	20	4	-	-	-	-	-
Shipping/Receiving Clerks:																										
Private industry:																										
Goods-producing industries	1,008	12.13	11.40	9.34 - 14.08	-	-	-	-	-	-	-	3	7	15	8	8	16	10	4	11	(²)	10	1	-	7	-
Manufacturing	1,008	12.13	11.40	9.34 - 14.08	-	-	-	-	-	-	-	3	7	15	8	8	16	10	4	11	(²)	10	1	-	7	-

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Minneapolis-St. Paul, MN-WI, February 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																						
		Mean	Median	Middle range	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	
					and under 5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	
Truckdrivers																											
Light Truck:																											
State and local government	56	\$12.83	\$13.10	\$12.61 — \$13.43	—	—	—	—	—	—	—	—	—	—	4	2	5	30	59	—	—	—	—	—	—	—	—
Medium Truck	1,667	14.12	12.58	10.00 — 19.40	—	—	—	—	—	—	4	2	10	7	1	9	(²)	16	1	6	2	5	1	—	35	—	
Private industry	1,595	14.08	12.37	9.88 — 19.40	—	—	—	—	—	—	4	2	11	8	1	10	1	17	1	5	(²)	4	1	—	36	—	
Service-producing industries	1,587	14.09	12.37	9.88 — 19.40	—	—	—	—	—	—	4	2	11	8	1	10	—	17	1	5	(²)	4	1	—	36	—	
State and local government	72	15.03	15.43	14.46 — 15.43	—	—	—	—	—	—	—	—	—	—	—	1	—	3	3	36	40	17	—	—	—	—	
Heavy Truck	1,340	13.72	13.29	10.50 — 15.72	—	—	—	—	—	—	—	4	—	—	—	21	5	19	16	4	8	3	12	—	—	7	
Private industry	1,340	13.72	13.29	10.50 — 15.72	—	—	—	—	—	—	4	—	—	—	—	21	5	19	16	4	8	3	12	—	—	7	
Goods-producing industries	466	14.93	15.14	13.67 — 16.90	—	—	—	—	—	—	—	11	—	—	—	6	6	(²)	14	12	23	9	—	—	—	19	
Manufacturing	466	14.93	15.14	13.67 — 16.90	—	—	—	—	—	—	—	11	—	—	—	6	6	(²)	14	12	23	9	—	—	—	19	
Tractor Trailer	4,098	15.23	15.17	13.40 — 17.70	—	—	—	—	—	—	—	—	—	3	—	5	3	6	24	4	11	2	39	(²)	5	—	
Private industry	4,098	15.23	15.17	13.40 — 17.70	—	—	—	—	—	—	—	—	—	3	—	5	3	6	24	4	11	2	39	(²)	5	—	
Goods-producing industries	203	14.68	14.30	14.30 — 15.96	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7	57	29	—	—	1	—	—	
Manufacturing	203	14.68	14.30	14.30 — 15.96	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7	57	29	—	—	1	—	—	
Service-producing industries	3,895	15.26	15.17	13.40 — 17.70	—	—	—	—	—	—	—	—	—	3	—	5	3	6	25	1	10	2	41	—	5	—	
Warehouse Specialists	2,693	15.69	17.20	14.39 — 17.71	—	—	—	—	—	—	4	—	—	1	3	5	5	6	9	8	1	49	9	—	—	—	
Private industry	2,440	15.78	17.20	14.79 — 17.71	—	—	—	—	—	—	4	—	—	1	3	4	4	6	9	7	1	51	10	—	—	—	
Goods-producing industries	779	13.22	14.08	12.02 — 14.87	—	—	—	—	—	—	8	—	—	3	7	6	12	12	29	20	3	—	—	—	—	—	
Manufacturing	717	13.67	14.39	12.50 — 14.87	—	—	—	—	—	—	—	—	—	3	8	6	13	13	32	21	3	—	—	—	—	—	
Service-producing industries	1,661	16.98	17.41	17.20 — 17.71	—	—	—	—	—	—	—	—	—	—	1	3	—	3	—	(²)	—	75	15	—	—	—	
State and local government	253	14.82	15.84	12.41 — 17.31	—	—	—	—	—	—	—	—	—	—	4	16	19	1	4	17	5	36	—	—	—	—	

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, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over		
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level I	605	39.7	\$543	\$523	\$500 - \$586	21	59	18	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	496	39.7	532	510	500 - 552	24	62	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	116	40.0	593	589	519 - 654	13	44	34	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	101	40.0	608	596	545 - 655	10	41	39	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	380	39.6	513	505	490 - 529	27	68	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	109	40.0	595	594	546 - 671	11	41	47	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	894	39.9	639	635	570 - 701	5	30	39	20	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	586	39.9	616	612	558 - 673	7	37	41	12	3	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	101	39.9	690	697	635 - 742	-	8	46	37	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	91	39.9	690	697	635 - 742	-	9	45	35	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	485	39.9	601	596	534 - 663	8	43	40	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	308	40.0	681	681	616 - 737	2	18	35	34	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	765	39.8	812	808	726 - 899	-	2	16	28	29	21	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	520	39.6	805	801	721 - 878	-	1	17	30	32	15	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	193	39.9	859	864	785 - 927	-	-	9	19	36	24	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	193	39.9	859	864	785 - 927	-	-	9	19	36	24	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	327	39.5	772	769	711 - 829	-	2	21	36	29	9	1	(³)	-	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	245	40.0	829	830	741 - 934	-	2	15	24	24	33	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	436	39.9	1,023	1,029	925 - 1,115	-	-	1	3	18	22	27	22	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	346	39.8	1,019	1,013	910 - 1,111	-	-	1	3	20	23	26	18	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	214	40.0	1,040	1,038	952 - 1,120	-	-	-	1	16	21	32	17	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	204	40.0	1,039	1,036	933 - 1,131	-	-	-	1	17	23	28	18	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	132	39.6	986	962	871 - 1,100	-	-	2	5	26	25	16	20	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	90	40.0	1,037	1,037	978 - 1,143	-	-	-	2	10	19	32	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level V	143	39.9	1,307	1,322	1,159 - 1,434	-	-	-	-	2	5	12	7	21	22	15	9	4	1	1	-	1	-	-	-	-	-	-
Private industry	121	39.9	1,327	1,346	1,222 - 1,448	-	-	-	-	2	6	7	7	16	25	17	11	5	2	1	-	1	-	-	-	-	-	-
Goods-producing industries	63	39.9	1,396	-	-	-	-	-	-	-	-	2	2	16	30	30	17	3	-	-	-	-	-	-	-	-	-	-
Manufacturing	63	39.9	1,396	-	-	-	-	-	-	-	-	2	2	16	30	30	17	3	-	-	-	-	-	-	-	-	-	-
Service-producing industries	58	39.9	1,251	-	-	-	-	-	5	12	14	14	16	19	3	3	7	3	2	-	2	-	-	-	-	-	-	-
State and local government	22	40.0	1,202	1,252	1,073 - 1,285	-	-	-	-	-	-	36	5	50	5	5	-	-	-	-	-	-	-	-	-	-	-	-
Attorneys																												
Level II	70	39.9	984	-	-	-	-	-	3	21	29	30	10	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	55	40.0	978	930	893 - 1,057	-	-	-	4	27	25	25	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	167	39.1	1,352	1,341	1,224 - 1,479	-	-	-	-	-	1	4	9	32	22	14	11	2	4	2	-	-	-	-	-	-	-	-
Private industry	146	39.0	1,362	1,345	1,224 - 1,479	-	-	-	-	-	1	2	9	32	19	16	12	2	5	2	-	-	-	-	-	-	-	-
Service-producing industries	98	38.7	1,290	1,234	1,221 - 1,385	-	-	-	-	-	1	3	13	46	14	15	7	-	-	-	-	-	-	-	-	-	-	-
Level IV	143	40.0	1,710	1,640	1,510 - 1,869	-	-	-	-	-	-	-	-	3	5	13	13	22	14	10	3	12	6	-	-	-	-	-
Private industry	124	40.0	1,719	1,686	1,500 - 1,893	-	-	-	-	-	-	-	-	3	6	15	12	16	13	11	4	14	6	-	-	-	-	-
Service-producing industries	75	40.0	1,623	-	-	-	-	-	-	-	-	-	-	5	5	21	16	16	21	7	-	5	3	-	-	-	-	-

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over	
Level V	54	39.8	\$2,208	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	6	28	7	4	17	6	7	4	22	
Private industry	54	39.8	2,208	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	6	28	7	4	17	6	7	4	22	
Engineers																											
Level I	367	40.0	705	\$711	\$654 - \$742	-	3	41	47	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	343	40.0	708	712	654 - 743	-	2	39	50	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	342	40.0	708	712	654 - 742	-	2	39	50	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	342	40.0	708	712	654 - 742	-	2	39	50	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	24	40.0	649	624	601 - 692	-	13	71	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	840	39.9	808	808	750 - 864	-	-	9	38	38	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	740	39.9	813	815	758 - 865	-	-	7	39	41	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	695	39.9	810	808	752 - 863	-	-	7	40	40	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	695	39.9	810	808	752 - 863	-	-	7	40	40	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	100	40.0	770	752	698 - 863	-	-	29	37	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	2,300	40.0	947	941	882 - 1,003	-	-	-	5	27	41	21	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	2,074	40.0	947	940	884 - 1,000	-	-	-	4	27	43	20	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	1,956	40.0	946	938	882 - 1,000	-	-	-	4	28	43	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	1,956	40.0	946	938	882 - 1,000	-	-	-	4	28	43	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	226	40.0	948	941	873 - 1,016	-	-	-	12	21	23	35	7	3	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	3,134	40.0	1,156	1,154	1,075 - 1,232	-	-	-	-	1	7	23	35	26	7	2	(³)	-	-	-	-	-	-	-	-	-	
Private industry	2,926	40.0	1,156	1,156	1,075 - 1,232	-	-	-	-	(³)	7	24	34	27	6	2	(³)	-	-	-	-	-	-	-	-	-	
Goods-producing industries	2,743	40.0	1,155	1,154	1,072 - 1,233	-	-	-	-	1	8	24	33	26	6	2	(³)	-	-	-	-	-	-	-	-	-	
Manufacturing	2,743	40.0	1,155	1,154	1,072 - 1,233	-	-	-	-	1	8	24	33	26	6	2	(³)	-	-	-	-	-	-	-	-	-	
State and local government	208	40.0	1,151	1,135	1,064 - 1,209	-	-	-	-	1	7	20	47	13	13	-	-	-	-	-	-	-	-	-	-	-	
Level V	1,495	40.0	1,354	1,355	1,271 - 1,438	-	-	-	-	(³)	2	8	22	31	26	7	3	(³)	-	-	-	-	-	-	-	-	
Private industry	1,429	40.0	1,351	1,350	1,269 - 1,435	-	-	-	-	(³)	2	8	23	31	27	7	3	(³)	-	-	-	-	-	-	-	-	
Goods-producing industries	1,389	40.0	1,349	1,350	1,268 - 1,435	-	-	-	-	(³)	2	9	23	31	27	6	2	(³)	-	-	-	-	-	-	-	-	
Manufacturing	1,389	40.0	1,349	1,350	1,268 - 1,435	-	-	-	-	(³)	2	9	23	31	27	6	2	(³)	-	-	-	-	-	-	-	-	
State and local government	66	40.0	1,418	1,361	1,361 - 1,505	-	-	-	-	1	-	2	11	42	17	26	3	-	-	-	-	-	-	-	-	-	
Level VI	582	39.9	1,620	1,599	1,494 - 1,727	-	-	-	-	-	-	-	2	5	19	24	20	14	9	4	3	(³)	-	-	-		
Private industry	576	39.9	1,620	1,597	1,494 - 1,728	-	-	-	-	-	-	-	2	5	19	24	20	14	9	4	3	(³)	-	-	-		
Goods-producing industries	574	39.9	1,620	1,595	1,494 - 1,727	-	-	-	-	-	-	-	2	5	19	24	20	14	9	4	3	(³)	-	-	-		
Manufacturing	574	39.9	1,620	1,595	1,494 - 1,727	-	-	-	-	-	-	-	2	5	19	24	20	14	9	4	3	(³)	-	-	-		
Level VII	141	39.8	1,897	1,849	1,577 - 2,080	-	-	-	-	-	-	-	-	-	10	16	3	13	18	13	7	6	10	3	1		
Private industry	141	39.8	1,897	1,849	1,577 - 2,080	-	-	-	-	-	-	-	-	-	10	16	3	13	18	13	7	6	10	3	1		
Goods-producing industries	141	39.8	1,897	1,849	1,577 - 2,080	-	-	-	-	-	-	-	-	-	10	16	3	13	18	13	7	6	10	3	1		
Manufacturing	141	39.8	1,897	1,849	1,577 - 2,080	-	-	-	-	-	-	-	-	-	10	16	3	13	18	13	7	6	10	3	1		

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over		
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts																												
Level III:																												
State and local government	6	40.0	\$749	-	- - -	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV:																												
State and local government	20	40.0	970	\$952	\$857 - \$1,075	-	-	-	-	40	15	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buyers/Contracting Specialists																												
Level I																												
Private industry	52	40.0	531	-	- - -	48	17	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	23	40.0	569	573	522 - 614	17	48	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II																												
Private industry	176	39.6	679	677	614 - 728	2	20	38	32	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	85	39.4	678	680	611 - 738	2	22	31	36	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	85	39.8	676	689	584 - 738	-	27	25	44	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	91	39.0	679	644	611 - 722	4	16	36	30	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	50	40.0	683	677	643 - 685	-	14	62	16	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III																												
Private industry	256	39.9	832	817	761 - 876	-	-	9	31	41	10	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	250	39.9	827	814	761 - 873	-	-	9	32	42	10	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	241	39.9	818	811	758 - 870	-	-	9	33	43	10	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	241	39.9	818	811	758 - 870	-	-	9	33	43	10	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV																												
Private industry	109	39.7	1,022	1,015	951 - 1,079	-	-	-	-	12	27	40	15	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	108	39.7	1,021	1,015	949 - 1,076	-	-	-	-	12	27	41	14	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	106	39.7	1,015	1,014	948 - 1,069	-	-	-	-	12	27	42	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	106	39.7	1,015	1,014	948 - 1,069	-	-	-	-	12	27	42	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Programmers																												
Level I																												
Private industry	125	39.3	595	588	556 - 635	3	54	42	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	97	39.1	608	596	577 - 635	1	49	48	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	55	38.7	584	-	- - -	2	75	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	28	40.0	551	-	- - -	11	68	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II																												
Private industry	417	39.9	666	669	615 - 715	2	14	52	29	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	342	39.9	664	664	615 - 710	1	13	56	27	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	128	40.0	616	609	569 - 639	2	31	55	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	75	40.0	671	681	594 - 764	8	17	35	39	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III																												
Private industry	504	40.0	762	757	694 - 827	-	3	25	38	25	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	269	40.0	730	721	682 - 769	-	(³)	38	43	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	97	40.0	732	731	697 - 769	-	-	27	64	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	97	40.0	732	731	697 - 769	-	-	27	64	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	172	40.0	729	717	667 - 790	-	1	44	31	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	235	40.0	798	811	730 - 872	-	6	10	33	32	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, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over	
Level IV	579	38.5	\$888	\$880	\$844 - \$946	-	-	1	13	43	33	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	563	38.4	886	874	840 - 942	-	-	1	14	44	32	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	525	38.3	882	871	838 - 940	-	-	1	14	45	33	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Computer Systems Analysts																											
Level I	578	39.2	790	790	717 - 865	-	3	18	33	34	8	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	504	39.1	787	786	715 - 860	-	3	18	34	31	9	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	236	39.7	843	829	785 - 884	-	-	(³)	31	47	14	7	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	236	39.7	843	829	785 - 884	-	-	(³)	31	47	14	7	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	268	38.5	738	722	677 - 800	-	6	34	36	17	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	74	40.0	807	852	736 - 885	-	3	14	26	54	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	1,247	39.4	933	935	860 - 1,001	-	-	(³)	9	28	37	20	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,002	39.3	931	926	852 - 1,000	-	-	(³)	10	31	34	18	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	528	39.6	950	946	882 - 1,007	-	-	-	4	30	37	20	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	523	39.6	951	947	881 - 1,007	-	-	-	4	30	38	20	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	474	38.9	909	903	817 - 979	-	-	(³)	16	31	31	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	245	40.0	941	987	900 - 1,001	-	-	2	5	17	50	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	632	39.6	1,076	1,064	988 - 1,161	-	-	-	7	23	29	25	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	589	39.6	1,079	1,067	988 - 1,165	-	-	-	6	24	28	25	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	293	40.0	1,097	1,087	1,006 - 1,165	-	-	-	-	23	32	28	14	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	293	40.0	1,097	1,087	1,006 - 1,165	-	-	-	-	23	32	28	14	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	296	39.2	1,062	1,058	967 - 1,159	-	-	-	-	13	25	24	22	12	4	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	43	40.0	1,030	1,036	968 - 1,114	-	-	-	-	14	14	47	23	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems Analyst Supervisors/Managers																											
Level I	175	39.3	1,162	1,131	1,072 - 1,224	-	-	-	1	14	22	32	17	6	3	6	1	-	-	-	-	-	-	-	-	-	-
Private industry	113	38.9	1,189	1,179	1,094 - 1,252	-	-	-	-	17	11	31	21	5	4	10	1	-	-	-	-	-	-	-	-	-	-
State and local government	62	40.0	1,114	1,096	1,072 - 1,112	-	-	-	2	8	42	34	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	258	39.4	1,365	1,332	1,215 - 1,462	-	-	-	-	(³)	9	14	19	22	19	4	5	1	1	4	2	-	-	-	-	-	-
Private industry	227	39.3	1,382	1,365	1,215 - 1,490	-	-	-	-	-	10	12	16	21	21	5	5	1	1	5	2	-	-	-	-	-	-
Goods-producing industries	64	40.0	1,559	-	-	-	-	-	-	-	-	2	19	25	13	2	9	3	3	17	8	-	-	-	-	-	-
Manufacturing	64	40.0	1,559	-	-	-	-	-	-	-	-	2	19	25	13	2	9	3	3	17	8	-	-	-	-	-	-
Service-producing industries	163	39.0	1,313	1,327	1,140 - 1,460	-	-	-	-	-	14	17	15	20	25	6	4	1	-	-	-	-	-	-	-	-	-
State and local government	31	40.0	1,238	-	-	-	-	-	-	3	-	26	39	32	-	-	-	-	-	-	-	-	-	-	-	-	-
Personnel Specialists																											
Level I	109	40.0	537	520	458 - 599	26	51	19	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	83	40.0	513	505	440 - 538	34	51	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	65	40.0	479	-	-	42	55	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	310	39.8	669	658	612 - 739	1	22	44	24	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	210	39.8	640	635	577 - 687	1	31	47	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	171	39.7	612	623	531 - 648	2	36	53	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	100	40.0	728	730	698 - 789	-	3	38	49	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Minneapolis-St. Paul, MN-WI, February 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 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800	2800 and over	
Level III	575	39.8	\$813	\$808	\$733 - \$881	-	1	18	29	32	12	7	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	428	39.8	800	785	712 - 871	-	1	23	30	30	10	5	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	111	39.9	844	844	770 - 904	-	3	2	35	34	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	111	39.9	844	844	770 - 904	-	3	2	35	34	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	317	39.7	784	769	692 - 848	-	-	31	28	29	7	4	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	147	40.0	851	861	772 - 922	-	2	4	28	37	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	379	40.0	1,022	1,012	904 - 1,108	-	-	1	4	19	22	28	12	6	6	1	-	-	-	-	-	-	-	-	-	-	
Private industry	304	40.0	1,006	1,000	894 - 1,088	-	-	1	4	22	23	28	13	6	2	1	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	97	39.9	1,099	1,085	1,005 - 1,192	-	-	-	3	-	16	34	26	13	4	3	-	-	-	-	-	-	-	-	-	-	
Manufacturing	92	39.9	1,104	1,088	1,008 - 1,195	-	-	-	3	-	17	30	27	14	4	3	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	207	40.0	963	945	885 - 1,019	-	-	1	4	33	26	26	8	2	1	-	-	-	-	-	-	-	-	-	-	-	
State and local government	75	40.0	1,089	1,037	964 - 1,225	-	-	-	7	5	20	29	8	7	24	-	-	-	-	-	-	-	-	-	-	-	
Level V	162	39.8	1,249	1,240	1,126 - 1,346	-	-	-	-	1	4	17	16	27	17	14	1	3	1	-	-	-	-	-	-	-	
Private industry	146	39.7	1,261	1,240	1,167 - 1,349	-	-	-	-	-	3	16	17	27	16	15	1	3	1	-	-	-	-	-	-	-	
Goods-producing industries	65	39.7	1,318	-	-	-	-	-	-	-	-	11	12	17	31	20	2	5	3	-	-	-	-	-	-	-	
Manufacturing	65	39.7	1,318	-	-	-	-	-	-	-	-	11	12	17	31	20	2	5	3	-	-	-	-	-	-	-	
Service-producing industries	81	39.8	1,216	1,212	1,108 - 1,250	-	-	-	-	-	5	20	21	35	5	11	1	2	-	-	-	-	-	-	-	-	
State and local government	16	40.0	1,138	1,105	1,012 - 1,295	-	-	-	-	6	13	31	6	25	19	-	-	-	-	-	-	-	-	-	-	-	
Personnel Supervisors/Managers																											
Level II	94	40.0	1,459	1,443	1,307 - 1,602	-	-	-	-	-	3	10	12	19	14	17	9	12	5	-	-	-	-	-	-	-	
Private industry	81	40.0	1,491	1,493	1,346 - 1,632	-	-	-	-	-	2	7	6	22	12	20	10	14	6	-	-	-	-	-	-	-	
Service-producing industries	52	40.0	1,434	-	-	-	-	-	-	-	4	12	8	27	13	17	6	10	4	-	-	-	-	-	-	-	
Level III	64	40.0	1,891	-	-	-	-	-	-	-	-	-	-	-	2	16	3	9	19	16	28	8	-	-	-	-	
Private industry	62	40.0	1,903	-	-	-	-	-	-	-	-	-	-	-	15	3	10	19	16	29	8	-	-	-	-	-	
Tax Collectors																											
Level I	26	40.0	573	556	538 - 594	-	85	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	26	40.0	573	556	538 - 594	-	85	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	35	40.0	650	635	594 - 681	-	31	46	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	35	40.0	650	635	594 - 681	-	31	46	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	34	40.0	760	757	704 - 811	-	-	18	47	26	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	34	40.0	760	757	704 - 811	-	-	18	47	26	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

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

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 13 percent at \$2,800 and under \$3,000 and 9 percent at \$3,000 and under \$3,200.

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, Minneapolis-St. Paul, MN-WI, February 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																							
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150				
TECHNICAL OCCUPATIONS																													
Computer Operators																													
Level I	67	39.4	\$419	-	-	-	13	22	9	12	13	10	3	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	26	40.0	476	-	-	-	4	4	12	-	12	19	8	35	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	362	39.4	466	\$455	\$420	-	(³)	17	10	21	12	12	15	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	290	39.3	452	433	416	-	(³)	19	11	25	14	13	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	61	40.0	482	-	-	-	-	-	-	11	20	18	15	30	2	5	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	56	40.0	485	-	-	-	-	-	-	13	21	11	16	32	2	5	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	229	39.1	444	431	410	-	(³)	24	11	26	13	13	7	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	72	40.0	524	538	489	-	578	-	-	6	7	4	3	8	32	36	1	3	-	-	-	-	-	-	-	-	-	-	
Level III	308	39.9	573	576	528	-	613	-	(³)	-	(³)	3	2	3	28	26	27	9	2	-	-	-	-	-	-	-	-	-	
Private industry	223	39.8	563	562	523	-	601	-	(³)	-	(³)	1	2	4	35	31	19	6	1	-	-	-	-	-	-	-	-	-	
Goods-producing industries	150	39.8	569	566	533	-	602	-	-	-	-	3	5	31	33	20	7	1	-	-	-	-	-	-	-	-	-	-	
Manufacturing	150	39.8	569	566	533	-	602	-	-	-	-	3	5	31	33	20	7	1	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	73	39.9	551	-	-	-	-	1	-	1	4	-	-	44	27	16	4	1	-	-	-	-	-	-	-	-	-	-	
State and local government	85	40.0	599	613	567	-	645	-	-	-	6	1	2	11	12	48	18	2	-	-	-	-	-	-	-	-	-	-	
Level IV	145	39.9	681	674	624	-	730	-	-	-	-	-	-	6	10	26	20	21	11	5	-	2	1	-	-	-	-	-	
Private industry	124	39.9	675	669	624	-	730	-	-	-	-	-	-	6	10	26	23	20	10	2	-	2	1	-	-	-	-	-	
Goods-producing industries	101	40.0	682	680	632	-	730	-	-	-	-	-	-	4	8	28	22	23	12	1	-	3	-	-	-	-	-	-	
Manufacturing	101	40.0	682	680	632	-	730	-	-	-	-	-	-	4	8	28	22	23	12	1	-	3	-	-	-	-	-	-	
Drafters																													
Level II	141	40.0	530	523	500	-	553	-	-	-	3	3	21	43	23	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Private industry	133	40.0	523	518	499	-	553	-	-	-	3	3	22	46	24	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	130	40.0	520	518	499	-	550	-	-	-	3	3	22	47	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	130	40.0	520	518	499	-	550	-	-	-	3	3	22	47	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	8	40.0	645	-	-	-	-	-	-	-	-	-	-	-	-	63	25	13	-	-	-	-	-	-	-	-	-	-	
Level III	103	40.0	668	658	615	-	719	-	-	-	-	2	1	5	9	23	31	8	10	12	-	-	-	-	-	-	-	-	
Private industry	82	40.0	640	648	609	-	688	-	-	-	-	2	1	6	11	29	37	9	5	-	-	-	-	-	-	-	-	-	
Goods-producing industries	74	40.0	641	-	-	-	-	-	-	-	3	-	7	11	30	36	8	5	-	-	-	-	-	-	-	-	-	-	
Manufacturing	74	40.0	641	-	-	-	-	-	-	-	3	-	7	11	30	36	8	5	-	-	-	-	-	-	-	-	-	-	
State and local government	21	40.0	778	806	761	-	806	-	-	-	-	-	-	-	-	10	5	29	57	-	-	-	-	-	-	-	-	-	
Engineering Technicians																													
Level II	374	40.0	521	529	490	-	547	-	-	-	3	19	10	45	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	374	40.0	521	529	490	-	547	-	-	-	3	19	10	45	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	374	40.0	521	529	490	-	547	-	-	-	3	19	10	45	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	374	40.0	521	529	490	-	547	-	-	-	3	19	10	45	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	664	40.0	638	639	590	-	675	-	-	-	-	(³)	6	27	24	28	9	6	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	664	40.0	638	639	590	-	675	-	-	-	-	(³)	6	27	24	28	9	6	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	660	40.0	638	638	590	-	674	-	-	-	-	(³)	6	27	24	28	9	6	(³)	-	-	-	-	-	-	-	-	-	-
Manufacturing	660	40.0	638	638	590	-	674	-	-	-	-	(³)	6	27	24	28	9	6	(³)	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Minneapolis-St. Paul, MN-WI, February 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	325 and under 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150		
Level IV	663	40.0	\$759	\$754	\$703 - \$806	-	-	-	-	-	-	-	-	(³)	4	19	25	25	15	7	3	1	(³)	-	-		
Private industry	663	40.0	759	754	703 - 806	-	-	-	-	-	-	-	-	(³)	4	19	25	25	15	7	3	1	(³)	-	-		
Goods-producing industries	598	40.0	749	746	697 - 789	-	-	-	-	-	-	-	-	1	5	21	27	27	10	6	3	(³)	-	-	-		
Manufacturing	598	40.0	749	746	697 - 789	-	-	-	-	-	-	-	-	1	5	21	27	27	10	6	3	(³)	-	-	-		
Level V	533	39.9	845	841	783 - 896	-	-	-	-	-	-	-	-	(³)	3	12	16	22	24	11	8	3	2	1			
Private industry	533	39.9	845	841	783 - 896	-	-	-	-	-	-	-	-	(³)	3	12	16	22	24	11	8	3	2	1			
Goods-producing industries	522	39.9	843	840	782 - 892	-	-	-	-	-	-	-	-	(³)	3	12	16	22	24	9	7	3	2	1			
Manufacturing	522	39.9	843	840	782 - 892	-	-	-	-	-	-	-	-	(³)	3	12	16	22	24	9	7	3	2	1			
Engineering Technicians, Civil																											
Level I	16	40.0	494	473	472 - 542	-	-	-	19	38	6	25	13	-	-	-	-	-	-	-	-	-	-	-	-		
State and local government	16	40.0	494	473	472 - 542	-	-	-	19	38	6	25	13	-	-	-	-	-	-	-	-	-	-	-	-		
Level II	266	40.0	612	631	591 - 631	-	-	-	-	2	-	10	23	57	4	3	2	-	-	-	-	-	-	-	-		
State and local government	266	40.0	612	631	591 - 631	-	-	-	-	2	-	10	23	57	4	3	2	-	-	-	-	-	-	-	-		
Level III	459	40.0	709	726	673 - 726	-	-	-	-	-	-	(³)	2	6	21	62	6	3	-	-	-	-	-	-	-		
State and local government	459	40.0	709	726	673 - 726	-	-	-	-	-	-	(³)	2	6	21	62	6	3	-	-	-	-	-	-	-		
Level IV	247	40.0	855	865	782 - 907	-	-	-	-	-	-	-	-	-	2	10	15	23	11	21	16	2	-	-			
State and local government	247	40.0	855	865	782 - 907	-	-	-	-	-	-	-	-	-	2	10	15	23	11	21	16	2	-	-			
Level V	57	40.0	909	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	12	44	33	2	-	2	7			
State and local government	57	40.0	909	863	863 - 941	-	-	-	-	-	-	-	-	-	-	-	-	12	44	33	2	-	2	7			
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers:																											
State and local government	1,016	40.0	618	606	556 - 660	-	-	-	-	1	-	3	18	26	23	11	11	3	1	3	-	-	-	-	-		
Firefighters	573	53.0	763	825	674 - 832	-	-	-	-	-	-	5	7	7	7	14	1	6	39	19	2	-	-	-	-		
State and local government	573	53.0	763	825	674 - 832	-	-	-	-	-	-	5	7	7	7	14	1	6	39	19	2	-	-	-	-		
Police Officers																											
Level I	1,920	40.0	772	820	711 - 847	-	-	-	-	-	-	3	6	7	9	7	16	36	16	-	-	-	-	-	-		
State and local government	1,920	40.0	772	820	711 - 847	-	-	-	-	-	-	3	6	7	9	7	16	36	16	-	-	-	-	-	-		
Level II	261	40.0	871	867	826 - 914	-	-	-	-	-	-	-	-	-	-	1	7	34	30	12	16	-	-	-	-		
State and local government	261	40.0	871	867	826 - 914	-	-	-	-	-	-	-	-	-	-	1	7	34	30	12	16	-	-	-	-		

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, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	
Clerks, Accounting																										
Level II	599	40.0	\$433	\$424	\$361 - \$503	-	6	5	11	9	14	6	7	8	7	11	9	5	3	-	-	-	-	-	-	-
Private industry	368	39.9	397	380	346 - 452	-	10	8	13	13	21	7	4	7	6	7	1	2	3	-	-	-	-	-	-	-
Goods-producing industries	121	40.0	415	387	360 - 438	-	-	-	18	19	17	15	11	3	2	2	2	2	8	-	-	-	-	-	-	-
Manufacturing	121	40.0	415	387	360 - 438	-	-	-	18	19	17	15	11	3	2	2	2	2	8	-	-	-	-	-	-	-
Service-producing industries	247	39.9	388	380	321 - 470	-	15	11	10	10	23	4	-	8	8	9	1	2	-	-	-	-	-	-	-	-
State and local government	231	40.0	489	508	450 - 538	-	-	-	8	2	3	12	10	10	18	21	10	4	-	-	-	-	-	-	-	-
Level III	1,423	40.0	465	455	400 - 527	-	-	2	7	7	8	11	13	11	9	6	7	9	6	4	(³)	-	-	-	-	-
Private industry	895	39.9	435	433	377 - 474	-	-	4	12	9	6	14	18	13	10	5	3	2	3	1	-	-	-	-	-	-
Goods-producing industries	307	40.0	484	474	439 - 510	-	-	-	-	1	4	9	24	12	20	9	6	6	8	1	-	-	-	-	-	-
Manufacturing	302	40.0	484	476	439 - 510	-	-	-	-	1	4	10	24	11	20	10	6	6	8	1	-	-	-	-	-	-
Service-producing industries	588	39.9	409	406	352 - 447	-	-	6	18	14	8	16	15	13	4	2	1	1	1	1	-	-	-	-	-	-
State and local government	528	40.0	517	531	446 - 571	-	-	-	-	3	10	7	6	9	6	7	13	20	11	8	(³)	-	-	-	-	-
Level IV	1,380	40.0	505	486	442 - 571	-	-	-	-	3	6	11	9	15	11	7	7	14	12	4	1	(³)	-	-	-	-
Private industry:																										
Goods-producing industries	193	40.0	564	566	517 - 602	-	-	-	-	-	-	-	3	6	10	8	14	32	19	7	2	1	-	-	-	-
Manufacturing	193	40.0	564	566	517 - 602	-	-	-	-	-	-	-	3	6	10	8	14	32	19	7	2	1	-	-	-	-
State and local government	364	40.0	579	598	521 - 631	-	-	-	-	-	-	-	-	12	8	6	8	21	34	10	2	-	-	-	-	-
Clerks, General																										
Level I	443	38.9	378	358	318 - 436	2	1	26	18	13	9	3	5	21	3	-	-	-	-	-	-	-	-	-	-	-
State and local government	234	40.0	421	431	372 - 472	1	1	4	4	19	9	6	9	40	5	-	-	-	-	-	-	-	-	-	-	-
Level II	1,065	39.5	410	405	347 - 481	1	3	4	17	9	15	8	8	9	21	5	(³)	-	-	-	-	-	-	-	-	-
Private industry	404	38.6	352	347	335 - 379	3	8	10	36	12	17	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	661	40.0	446	462	396 - 496	-	-	-	5	7	13	10	10	14	34	7	(³)	-	-	-	-	-	-	-	-	-
Level III	1,894	39.4	444	438	387 - 485	-	1	4	3	8	16	11	7	7	22	3	6	7	2	1	-	-	-	-	-	-
Private industry	943	38.7	403	395	368 - 425	-	2	6	5	14	26	18	12	10	2	1	2	(³)	1	1	-	-	-	-	-	-
Goods-producing industries	83	40.0	423	417	380 - 460	-	-	-	4	13	17	25	16	4	14	4	4	-	-	-	-	-	-	-	-	-
Manufacturing	83	40.0	423	417	380 - 460	-	-	-	4	13	17	25	16	4	14	4	4	-	-	-	-	-	-	-	-	-
Service-producing industries	860	38.6	401	392	367 - 425	-	2	7	5	14	27	17	11	11	1	1	2	(³)	1	1	-	-	-	-	-	-
State and local government	951	40.0	485	479	472 - 538	-	-	3	2	3	7	3	3	5	42	5	11	13	3	-	-	-	-	-	-	-
Level IV	2,050	40.0	498	512	451 - 534	-	(³)	-	2	3	6	6	7	12	11	10	22	17	(³)	3	-	-	-	-	-	-
State and local government	1,735	40.0	511	517	467 - 544	-	-	-	-	2	4	4	7	13	11	11	25	20	(³)	4	-	-	-	-	-	-
Clerks, Order																										
Level II	107	40.0	565	572	565 - 572	-	-	-	-	-	-	-	-	6	3	2	8	66	15	-	-	-	-	-	-	-
Private industry	107	40.0	565	572	565 - 572	-	-	-	-	-	-	-	-	6	3	2	8	66	15	-	-	-	-	-	-	-
Key Entry Operators																										
Level I	286	40.0	379	368	308 - 436	-	24	14	6	7	5	11	12	7	7	2	4	1	(³)	-	-	-	-	-	-	-
Private industry	158	40.0	348	310	294 - 354	-	44	23	7	4	2	2	3	3	3	3	6	1	1	-	-	-	-	-	-	-
Service-producing industries	119	39.9	329	299	294 - 314	-	58	24	3	-	3	-	3	3	3	4	1	2	1	-	-	-	-	-	-	-
State and local government	128	40.0	419	423	381 - 456	-	-	4	5	10	8	23	24	13	13	-	1	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Level II	305	39.5	\$438	\$426	\$369 - \$510	-	6	2	5	15	11	10	7	5	5	27	1	3	2	1	-	-	-	-	-
Private industry	180	39.1	394	380	358 - 424	-	10	4	8	25	17	12	9	5	3	3	1	2	2	1	-	-	-	-	-
Service-producing industries	152	39.0	381	369	348 - 418	-	12	5	9	27	19	13	8	2	3	1	1	-	1	1	-	-	-	-	-
State and local government	125	40.0	501	510	496 - 510	-	-	-	-	-	4	7	3	4	9	62	2	5	3	-	-	-	-	-	-
Personnel Assistants (Employment)																									
Level III	114	39.4	531	517	462 - 585	-	-	-	-	-	8	2	1	19	11	13	7	17	4	19	-	-	-	-	-
Private industry	67	38.9	477	-	- - -	-	-	-	-	-	13	3	1	33	16	13	7	12	-	-	-	-	-	-	-
Service-producing industries	51	38.6	464	-	- - -	-	-	-	-	-	18	4	2	39	22	6	-	10	-	-	-	-	-	-	-
State and local government	47	40.0	607	613	572 - 665	-	-	-	-	-	-	-	-	-	2	13	6	23	9	47	-	-	-	-	-
Level IV	80	39.1	608	613	563 - 642	-	-	-	-	-	-	-	-	1	-	9	13	22	34	11	5	2	-	2	-
State and local government	43	40.0	650	631	613 - 672	-	-	-	-	-	-	-	-	-	-	5	9	47	21	9	5	-	5	-	-
Secretaries																									
Level I	174	40.0	414	415	378 - 442	-	-	-	6	11	21	26	18	7	5	3	1	-	1	-	-	-	-	-	-
Private industry	174	40.0	414	415	378 - 442	-	-	-	6	11	21	26	18	7	5	3	1	-	1	-	-	-	-	-	-
Goods-producing industries	104	40.0	432	426	404 - 453	-	-	-	4	5	13	25	27	11	9	5	2	-	1	-	-	-	-	-	-
Manufacturing	94	40.0	432	426	403 - 458	-	-	-	4	5	14	22	24	12	10	5	2	-	1	-	-	-	-	-	-
Service-producing industries	70	40.0	389	-	- - -	-	-	-	9	21	34	27	6	3	-	-	-	-	-	-	-	-	-	-	-
Level II	1,750	39.5	459	459	400 - 492	-	-	(³)	4	6	12	14	9	13	19	7	5	7	2	1	(³)	1	-	-	-
Private industry	1,361	39.3	464	464	412 - 500	-	-	(³)	1	4	11	14	10	15	20	9	6	8	2	(³)	-	-	-	-	-
Goods-producing industries	523	39.9	488	484	455 - 528	-	-	-	-	2	8	4	7	21	16	14	11	12	4	-	-	-	-	-	-
Manufacturing	483	39.9	486	483	455 - 527	-	-	-	-	2	8	5	6	22	16	14	12	12	2	-	-	-	-	-	-
Service-producing industries	838	38.9	449	449	400 - 477	-	-	(³)	2	4	13	20	12	12	23	5	2	5	1	(³)	-	-	-	-	-
State and local government	389	40.0	442	406	368 - 477	-	-	-	15	13	17	14	5	5	15	1	1	6	-	4	2	3	-	-	-
Level III	2,777	39.7	519	511	467 - 565	-	-	-	-	1	3	6	10	10	14	15	13	15	9	2	1	2	-	(³)	-
Private industry	2,104	39.6	513	510	473 - 552	-	-	-	-	1	4	2	8	10	16	17	15	18	6	2	(³)	-	-	(³)	-
Goods-producing industries	802	39.9	521	522	479 - 558	-	-	-	(³)	1	2	9	11	14	14	18	23	7	1	(³)	-	-	-	-	-
Manufacturing	802	39.9	521	522	479 - 558	-	-	-	(³)	1	2	9	11	14	14	18	23	7	1	(³)	-	-	-	-	-
Service-producing industries	1,302	39.3	509	504	471 - 546	-	-	-	-	1	6	2	8	10	17	19	14	14	6	2	(³)	-	-	(³)	-
State and local government	673	40.0	536	513	445 - 606	-	-	-	-	-	-	16	14	9	8	7	4	8	18	5	4	6	-	-	-
Level IV	1,300	39.7	613	608	567 - 644	-	-	-	-	-	-	(³)	2	2	4	7	29	33	12	7	4	(³)	(³)	-	-
Private industry	957	39.6	611	606	572 - 634	-	-	-	-	-	-	(³)	(³)	1	3	6	33	37	9	7	2	(³)	(³)	-	-
Service-producing industries	364	39.0	623	615	561 - 692	-	-	-	-	-	-	-	1	(³)	2	2	7	35	22	10	15	5	1	1	-
State and local government	343	40.0	617	621	546 - 682	-	-	-	-	-	-	(³)	8	5	7	8	15	20	19	7	11	-	-	-	-
Level V	116	40.0	764	750	703 - 820	-	-	-	-	-	-	-	-	-	-	-	-	-	5	16	29	16	20	9	5
Private industry	116	40.0	764	750	703 - 820	-	-	-	-	-	-	-	-	-	-	-	-	-	5	16	29	16	20	9	5

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Minneapolis-St. Paul, MN-WI, February 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 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	
Switchboard Operator-Receptionists	208	39.9	\$402	\$385	\$364	—	\$432	—	3	4	10	22	17	15	11	5	2	8	2	1	1	—	—	—	—	—	—
Private industry	183	39.9	402	390	370	—	432	—	3	4	11	15	20	17	12	6	2	5	2	1	1	—	—	—	—	—	—
Goods-producing industries	80	40.0	422	419	379	—	452	—	—	—	15	4	16	17	22	13	—	7	2	—	2	—	—	—	—	—	—
Manufacturing	60	40.0	427	—	—	—	—	—	—	—	12	5	22	15	13	17	—	10	3	—	3	—	—	—	—	—	—
Service-producing industries	103	39.8	386	385	370	—	404	—	6	8	9	23	22	17	4	1	4	3	2	2	—	—	—	—	—	—	—
State and local government	25	40.0	403	364	364	—	503	—	—	—	—	72	—	—	—	—	—	28	—	—	—	—	—	—	—	—	—
Word Processors																											
Level I	60	39.7	402	—	—	—	—	—	—	7	22	17	15	7	7	12	3	2	10	—	—	—	—	—	—	—	—
Level II	174	40.0	501	504	460	—	538	—	—	—	—	—	—	7	6	9	7	20	7	24	14	5	—	—	—	—	—
Private industry	56	40.0	494	—	—	—	—	—	—	—	—	—	—	—	2	13	13	39	11	5	18	—	—	—	—	—	—

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, Minneapolis-St. Paul, MN-WI, February 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	7.50 and under 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 - 25.00	25.00 and over	
General Maintenance Workers	249	\$12.50	\$12.24	\$11.23 - \$13.76	1	(²)	1	3	2	8	2	12	16	11	25	3	9	4	1	-	-	-	-	-	-	-	-	-
Private industry	201	11.96	11.79	11.23 - 13.54	1	(²)	1	3	3	10	2	14	20	13	26	2	-	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	156	11.88	11.79	10.97 - 13.76	2	-	2	4	3	12	1	12	24	10	27	-	-	2	-	-	-	-	-	-	-	-	-	
State and local government	48	14.78	15.02	13.57 - 15.02	-	-	-	-	-	-	2	-	-	2	23	6	46	21	-	-	-	-	-	-	-	-	-	
Maintenance Electricians	708	21.53	21.98	20.68 - 22.75	-	-	-	-	-	-	-	-	-	-	(²)	(²)	4	1	4	14	10	31	23	11	-	-	3	
Private industry	449	21.23	21.98	20.33 - 21.98	-	-	-	-	-	-	-	-	-	-	(²)	(²)	(²)	(²)	4	18	16	47	5	8	-	-	-	
Goods-producing industries	408	21.11	21.98	20.33 - 21.98	-	-	-	-	-	-	-	-	-	-	(²)	(²)	-	(²)	4	20	17	50	3	5	-	-	-	
Manufacturing	408	21.11	21.98	20.33 - 21.98	-	-	-	-	-	-	-	-	-	-	(²)	(²)	-	(²)	4	20	17	50	3	5	-	-	-	
State and local government	259	22.04	22.75	22.75 - 22.88	-	-	-	-	-	-	-	-	-	-	-	-	10	2	3	5	-	3	54	16	-	-	7	
Maintenance Electronics Technicians																												
Level II	262	18.48	18.85	16.95 - 18.85	-	-	-	-	-	-	-	-	-	2	2	2	24	3	44	8	2	(²)	5	-	6	-	-	
State and local government	106	16.99	16.95	16.64 - 17.46	-	-	-	-	-	-	-	-	-	5	4	4	56	4	6	14	4	-	-	-	-	-	-	
Level III	115	19.38	19.20	17.19 - 20.97	-	-	-	-	-	-	-	-	-	2	-	5	5	23	7	11	22	5	7	-	10	-		
State and local government	82	18.36	17.78	17.19 - 20.45	-	-	-	-	-	-	-	-	-	2	-	7	7	2	33	10	9	20	-	10	-	-	-	
Maintenance Machinists	325	19.50	19.67	18.88 - 20.28	-	-	-	-	-	-	-	-	-	-	-	1	5	9	11	26	44	1	3	-	-	-	-	
Private industry	302	19.62	20.28	19.15 - 20.28	-	-	-	-	-	-	-	-	-	-	-	1	4	7	9	28	47	1	4	-	-	-	-	
Goods-producing industries	291	19.51	19.74	19.15 - 20.28	-	-	-	-	-	-	-	-	-	-	-	1	4	7	9	29	48	1	-	-	-	-	-	
Manufacturing	291	19.51	19.74	19.15 - 20.28	-	-	-	-	-	-	-	-	-	-	-	1	4	7	9	29	48	1	-	-	-	-	-	
State and local government	23	17.87	17.91	17.33 - 18.18	-	-	-	-	-	-	-	-	-	-	-	-	17	39	39	-	4	-	-	-	-	-	-	
Maintenance Mechanics, Machinery	621	18.26	18.89	17.31 - 19.56	-	-	-	-	-	-	-	-	-	1	8	5	4	5	5	26	22	21	2	(²)	(²)	-	-	
Private industry	600	18.33	18.89	17.85 - 19.75	-	-	-	-	-	-	-	-	-	1	8	5	3	4	4	27	23	22	2	(²)	(²)	-	-	
Goods-producing industries	585	18.30	18.89	17.67 - 19.75	-	-	-	-	-	-	-	-	-	1	8	5	4	4	4	28	21	22	2	(²)	(²)	-	-	
Manufacturing	585	18.30	18.89	17.67 - 19.75	-	-	-	-	-	-	-	-	-	1	8	5	4	4	4	28	21	22	2	(²)	(²)	-	-	
Maintenance Mechanics, Motor Vehicle	1,067	17.69	18.32	16.87 - 18.32	-	-	-	-	-	-	-	-	(²)	5	6	8	7	5	57	6	1	5	-	-	-	-	-	
Private industry	375	17.32	18.08	15.05 - 19.90	-	-	-	-	-	-	-	-	-	14	6	22	4	2	22	12	3	15	-	-	-	-	-	
Goods-producing industries	82	18.98	20.12	15.44 - 21.68	-	-	-	-	-	-	-	-	-	-	-	34	-	-	5	11	13	37	-	-	-	-	-	
Manufacturing	82	18.98	20.12	15.44 - 21.68	-	-	-	-	-	-	-	-	-	-	-	34	-	-	5	11	13	37	-	-	-	-	-	
Service-producing industries	293	16.85	17.08	14.85 - 18.49	-	-	-	-	-	-	-	-	-	18	7	19	5	2	26	13	-	9	-	-	-	-	-	
State and local government	692	17.90	18.32	18.09 - 18.32	-	-	-	-	-	-	-	-	-	(²)	-	6	1	9	76	2	-	-	-	-	-	-	-	
Maintenance Pipefitters	226	20.86	20.86	19.65 - 21.68	-	-	-	-	-	-	-	-	-	-	-	-	(²)	-	2	25	46	11	10	1	4	-		
Private industry	124	20.60	20.63	19.65 - 20.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	31	42	19	-	-	5	-		
State and local government	102	21.18	20.86	20.86 - 22.50	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	19	52	-	22	3	4	-		
Tool and Die Makers	297	19.98	19.72	19.10 - 21.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	44	7	24	1	-	-	-		
Private industry	296	19.98	19.72	19.06 - 21.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	44	7	24	1	-	-	-		
Goods-producing industries	296	19.98	19.72	19.06 - 21.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	44	7	24	1	-	-	-		
Manufacturing	296	19.98	19.72	19.06 - 21.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	44	7	24	1	-	-	-		

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, Minneapolis-St. Paul, MN-WI, February 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	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	20.00
					and under 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	20.00	21.00
Forklift Operators	565	\$15.24	\$14.84	\$14.79 – \$16.39	–	–	2	1	(²)	(²)	1	(²)	–	1	2	–	–	(²)	9	53	(²)	9	–	20	–	–
Private industry	565	15.24	14.84	14.79 – 16.39	–	–	2	1	(²)	(²)	1	(²)	–	1	2	–	–	(²)	9	53	(²)	9	–	20	–	–
Goods-producing industries	498	15.61	14.84	14.79 – 16.25	–	–	–	–	–	–	–	–	–	1	2	–	–	(²)	10	61	(²)	4	–	23	–	–
Manufacturing	498	15.61	14.84	14.79 – 16.25	–	–	–	–	–	–	–	–	–	1	2	–	–	(²)	10	61	(²)	4	–	23	–	–
Guards																										
Level I	1,515	8.55	8.00	7.25 – 8.50	–	8	23	17	25	6	2	1	2	1	2	1	3	1	3	2	2	1	–	–	–	–
Private industry	1,439	8.38	7.75	7.02 – 8.25	–	8	24	18	27	6	2	1	2	(²)	1	1	1	1	3	1	2	1	–	–	–	–
Goods-producing industries	188	13.13	13.34	11.70 – 14.84	–	–	–	–	2	1	1	1	8	2	10	6	5	11	24	10	16	5	–	–	–	–
Manufacturing	188	13.13	13.34	11.70 – 14.84	–	–	–	–	2	1	1	1	8	2	10	6	5	11	24	10	16	5	–	–	–	–
Service-producing industries	1,251	7.67	7.50	7.00 – 8.00	–	10	28	21	30	7	3	1	1	(²)	(²)	(²)	–	(²)	(²)	–	–	–	–	–	–	–
State and local government	76	11.78	12.11	10.65 – 12.41	–	–	–	–	1	–	3	7	13	13	7	1	37	–	8	11	–	–	–	–	–	–
Level II	391	12.10	12.01	8.95 – 15.08	–	–	(²)	8	7	10	8	3	4	5	2	2	4	7	9	1	14	4	13	–	–	–
Private industry	312	11.83	10.85	8.60 – 15.08	–	–	(²)	10	9	13	11	3	2	6	–	–	2	6	9	–	15	–	16	–	–	–
State and local government	79	13.19	12.96	11.46 – 15.78	–	–	–	–	–	–	–	5	13	–	11	8	11	9	9	5	9	20	–	–	–	–
Janitors	5,037	9.20	8.57	6.85 – 10.81	2	24	6	5	11	9	5	3	3	7	5	4	5	4	2	4	1	–	–	1	–	–
Private industry	4,048	8.48	8.01	6.75 – 9.49	3	30	8	6	13	11	6	2	2	7	1	4	(²)	1	2	1	1	–	–	1	–	–
Goods-producing industries	534	11.84	11.77	10.55 – 12.75	–	–	(²)	1	2	8	4	5	4	6	10	29	3	5	9	6	3	–	–	5	–	–
Manufacturing	534	11.84	11.77	10.55 – 12.75	–	–	(²)	1	2	8	4	5	4	6	10	29	3	5	9	6	3	–	–	5	–	–
Service-producing industries	3,514	7.97	7.65	6.75 – 8.74	3	34	9	7	15	12	7	2	2	8	–	(²)	–	(²)	1	–	(²)	–	–	–	–	–
State and local government	989	12.15	12.36	11.25 – 12.69	–	–	–	–	2	1	2	5	4	6	18	2	22	18	3	19	–	–	–	–	–	–
Material Handling Laborers	191	12.05	12.70	10.46 – 14.06	1	2	9	2	3	3	2	3	2	12	8	–	2	7	19	15	1	4	2	4	–	–
Private industry	149	11.86	11.15	9.50 – 14.75	1	2	12	3	3	1	1	3	2	14	10	–	1	3	13	19	1	3	1	5	–	–
Goods-producing industries	99	12.81	12.98	10.55 – 14.84	–	–	–	–	–	–	1	5	3	21	15	–	–	5	19	23	1	–	–	6	–	–
Manufacturing	99	12.81	12.98	10.55 – 14.84	–	–	–	–	–	–	1	5	3	21	15	–	–	5	19	23	1	–	–	6	–	–
State and local government	42	12.71	13.11	12.28 – 13.77	–	–	–	–	–	7	5	–	2	5	2	–	7	21	40	–	2	5	2	–	–	–
Order Fillers	105	11.79	11.58	7.75 – 14.39	–	–	22	5	–	–	5	4	–	10	4	3	–	–	–	29	19	–	–	–	–	–
Private industry	105	11.79	11.58	7.75 – 14.39	–	–	22	5	–	–	5	4	–	10	4	3	–	–	–	29	19	–	–	–	–	–
Shipping/Receiving Clerks	312	14.95	16.39	11.93 – 16.97	–	–	(²)	–	–	3	5	3	4	3	5	3	1	3	4	12	1	30	2	–	21	–
Private industry	311	14.97	16.39	11.95 – 16.97	–	–	(²)	–	–	3	5	3	3	3	5	3	1	3	5	12	1	30	2	–	21	–
Goods-producing industries	264	15.41	16.97	13.06 – 18.59	–	–	–	–	–	2	1	2	3	3	6	3	2	3	5	14	2	27	2	–	25	–
Manufacturing	264	15.41	16.97	13.06 – 18.59	–	–	–	–	–	2	1	2	3	3	6	3	2	3	5	14	2	27	2	–	25	–

See footnotes at end of table.

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Minneapolis-St. Paul, MN-WI, February 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	6.00 and under 6.50	6.50 7.00	7.00 7.50	7.50 8.00	8.00 8.50	8.50 9.00	9.00 9.50	9.50 10.00	10.00 10.50	10.50 11.00	11.00 11.50	11.50 12.00	12.00 12.50	12.50 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		
Truckdrivers																												
Light Truck:																												
State and local government	56	\$12.83	\$13.10	\$12.61 - \$13.43	-	-	-	-	-	-	-	-	4	-	2	4	2	5	25	59	-	-	-	-	-	-	-	-
Medium Truck:																												
State and local government	72	15.03	15.43	14.46 - 15.43	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	3	36	40	17	-	-	-	-	-
Heavy Truck	302	18.16	17.71	17.71 - 20.85	-	-	-	-	-	-	-	-	-	-	-	-	-	(²)	-	-	14	1	-	55	-	-	29	
Private industry	302	18.16	17.71	17.71 - 20.85	-	-	-	-	-	-	-	-	-	-	-	-	-	(²)	-	-	14	1	-	55	-	-	29	
Warehouse Specialists	1,073	15.48	15.79	14.08 - 17.71	-	-	-	-	-	-	-	1	2	1	5	(²)	6	2	7	22	10	1	43	(²)	-	-		
Private industry	820	15.68	15.25	14.79 - 17.71	-	-	-	-	-	-	-	1	2	(²)	2	-	5	-	8	28	8	-	46	(²)	-	-		
Goods-producing industries	363	14.14	14.87	14.08 - 14.87	-	-	-	-	-	-	-	3	2	1	2	-	11	-	3	63	15	-	-	-	-	-		
Manufacturing	363	14.14	14.87	14.08 - 14.87	-	-	-	-	-	-	-	3	2	1	2	-	11	-	3	63	15	-	-	-	-	-		
State and local government	253	14.82	15.84	12.41 - 17.31	-	-	-	-	-	-	-	-	(²)	3	15	2	10	9	1	4	17	5	36	-	-	-		

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 Minneapolis—St. Paul, MN—WI 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 Minneapolis—St. Paul, MN—WI Metropolitan Statistical Area (January 1993). 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 Minneapolis—St. Paul, MN—WI Metropolitan Statistical Area. Collection for the survey was from November 1995 through May 1996 and reflects an average payroll reference month of February 1996. Data obtained for a payroll period prior to the end of February 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 15.5 percent of the sample establishments (representing 138,409 employees covered by the survey). An additional 3.1 percent of the sample establishments (representing 43,580 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 which affected one of the occupational work levels published in this bulletin. The proportion of employees for whom pay data were not available was less than 5 percent.

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	7.1
1 and under 3 percent	71.9
3 and under 5 percent	16.3
5 percent and over	4.6

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 4 percent of the 954 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 1995, see Occupational Compensation Survey: Pay Only Minneapolis—St. Paul, MN—WI, BLS Bulletin 3080-10.

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, Minneapolis-St. Paul, MN-WI¹, February 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	3,451	230	973,580	100	283,379
Private industry	3,268	205	796,128	82	179,562
Goods producing	925	67	224,650	23	69,501
Manufacturing	848	61	209,342	22	68,066
Construction ⁵	76	5	15,240	2	1,367
Service producing	2,343	138	571,478	59	110,061
Transportation, communication, electric, gas, and sanitary services ⁶	164	15	63,562	7	15,622
Wholesale trade ⁶	295	13	35,622	4	3,059
Retail trade ⁶	554	18	131,497	14	24,842
Finance, insurance, and real estate ⁶	256	18	75,100	8	22,882
Services ⁶	1,074	74	265,697	27	43,656
State and local government	183	25	177,452	18	103,817
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	353	95	554,136	100	259,138
Private industry	299	80	402,106	73	157,100
Goods producing	68	29	96,101	17	61,587
Manufacturing	63	28	93,141	17	60,995
Service producing	231	51	306,005	55	95,513
Transportation, communication, electric, gas, and sanitary services ⁶	30	7	33,465	6	13,749
Retail trade ⁶	45	6	78,773	14	23,555
Finance, insurance, and real estate ⁶	28	10	48,088	9	21,546
Services ⁶	127	27	144,761	26	35,745
State and local government	54	15	152,030	27	102,038

¹ The Minneapolis-St. Paul, MN-WI Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington and Wright Counties, MN; and Pierce and St. Croix Counties, WI. 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 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.