

# Occupational Compensation Survey: Pay Only

Dayton–Springfield, Ohio  
Metropolitan Area,  
March 1996



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U.S. Department of Labor  
Bureau of Labor Statistics

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## Preface

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

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

For additional information regarding this survey or similar surveys conducted in this regional area, please contact the BLS Chicago Regional Office at (312) 353-1880. You may also write to the Bureau of Labor Statistics at: Office of Compensation Levels and Trends, 2 Massachusetts Avenue, NE, Room 4175, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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# Occupational Compensation Survey: Pay Only

# Dayton–Springfield, Ohio, Metropolitan Area, March 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 Dayton–Springfield, OH Metropolitan Statistical Area (Clark, Greene, Miami, and Montgomery Counties) was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. The survey is one of a number conducted annually in metropolitan areas throughout the United States. (See listing of reports for other surveys at the end of this bulletin.)

A major objective of the Occupational Compensation Survey Program is to describe the level and distribution of occupational pay in a variety of the Nation's local labor markets, using a consistent survey approach. Another Program objective is to provide information on the incidence of employee benefits among and within local labor markets. However, no benefits data were collected for this survey.

The Program develops information that is used for a variety of purposes, including wage and salary administration, collective bargaining, and assistance in determining business or plant location. Survey results also are used by the U.S. Department of Labor in making wage determinations under the Service Contract Act, and by the President's Pay Agent (the Secretary of Labor and Directors of the U.S. Office of Personnel Management and the U.S. Office of Management and Budget) in determining local pay adjustments under the Federal Employee Pay Comparability Act of 1990. This latter requirement resulted in: (1) Expanding the survey's industrial coverage to include all private nonfarm establishments (except

households) employing 50 workers or more and to State and local governments and (2) adding more professional, administrative, technical, and protective service occupations to the surveys.

## Pay

The A-series tables provide estimates of straight-time weekly or hourly pay by occupation. Tables A-1 through A-5 provide data for selected white- and blue-collar occupations common to a variety of industries.

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, Dayton-Springfield, OH, March 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																							
			Mean	Median	Middle range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800			
<b>PROFESSIONAL OCCUPATIONS</b>																													
<b>Accountants</b>																													
Level I .....	39	40.0	\$527	-	-	-	3	8	44	10	15	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	37	40.0	531	-	-	-	-	8	43	11	16	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	25	40.0	515	-	-	-	-	4	52	16	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II .....	237	40.0	583	\$575	\$530	-	\$615	-	6	4	21	40	11	9	4	4	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	199	40.0	593	577	543	-	615	-	-	3	23	43	12	10	4	5	2	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries .....	119	40.0	589	576	556	-	596	-	-	2	17	61	3	13	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing .....	118	40.0	589	577	560	-	596	-	-	2	16	61	3	13	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	80	39.9	600	596	527	-	633	-	-	5	31	17	25	5	7	5	4	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	38	39.9	527	-	-	-	-	-	37	11	11	24	5	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III .....	274	39.9	785	768	721	-	824	-	-	-	-	-	7	10	20	23	20	6	4	7	2	1	-	-	-	-	-	-	
Private industry .....	248	39.9	789	768	721	-	826	-	-	-	-	-	4	10	22	23	21	6	5	7	2	( <sup>3</sup> )	-	-	-	-	-	-	
Goods-producing industries .....	140	40.0	803	760	721	-	893	-	-	-	-	-	1	11	27	15	18	6	7	12	1	1	-	-	-	-	-	-	
Manufacturing .....	138	40.0	803	756	721	-	893	-	-	-	-	-	1	11	28	14	17	7	7	12	1	1	-	-	-	-	-	-	
Service-producing industries .....	108	39.7	771	768	740	-	800	-	-	-	-	-	7	9	16	32	24	6	2	-	3	-	-	-	-	-	-	-	
State and local government .....	26	39.7	753	-	-	-	-	-	-	-	-	-	38	8	-	23	15	-	-	12	-	4	-	-	-	-	-	-	
Level IV .....	109	39.9	1,025	1,038	929	-	1,096	-	-	-	-	-	-	-	6	6	7	10	11	35	12	11	-	2	-	-	-	-	
Private industry .....	107	40.0	1,024	1,038	923	-	1,096	-	-	-	-	-	-	-	6	7	7	10	10	36	12	10	-	2	-	-	-	-	
Goods-producing industries .....	72	40.0	1,060	1,096	981	-	1,101	-	-	-	-	-	-	8	4	-	8	7	39	15	15	15	-	3	-	-	-	-	
Manufacturing .....	72	40.0	1,060	1,096	981	-	1,101	-	-	-	-	-	-	8	4	-	8	7	39	15	15	15	-	3	-	-	-	-	
Service-producing industries .....	35	39.9	948	-	-	-	-	-	-	-	-	-	-	-	11	23	14	17	29	6	-	-	-	-	-	-	-	-	
Level V .....	40	39.9	1,191	1,192	1,119	-	1,201	-	-	-	-	-	-	-	-	-	-	-	-	17	50	17	15	-	-	-	-	-	
Private industry .....	39	40.0	1,188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	51	15	15	-	-	-	-	-	
Goods-producing industries .....	35	40.0	1,189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	51	11	17	-	-	-	-	-	
Manufacturing .....	35	40.0	1,189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	51	11	17	-	-	-	-	-	
<b>Engineers</b>																													
Level I .....	99	40.0	690	685	644	-	725	-	-	-	4	1	23	23	26	17	5	-	-	-	-	-	-	-	-	-	-	-	-
Private industry .....	90	40.0	691	692	646	-	712	-	-	-	4	1	21	24	27	17	6	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries .....	53	40.0	701	702	663	-	725	-	-	-	4	-	4	17	15	42	19	4	-	-	-	-	-	-	-	-	-	-	-
Level II .....	548	40.0	741	751	694	-	804	-	-	2	3	1	9	9	22	25	19	5	2	1	-	-	-	-	-	-	-	-	
Private industry .....	538	40.0	741	751	700	-	805	-	-	2	3	1	9	9	22	26	19	5	2	1	-	-	-	-	-	-	-	-	
Goods-producing industries .....	434	40.0	754	751	717	-	805	-	-	-	-	2	9	10	24	26	22	5	2	1	-	-	-	-	-	-	-	-	
Manufacturing .....	426	40.0	755	751	717	-	808	-	-	-	-	2	9	9	25	26	22	5	2	1	-	-	-	-	-	-	-	-	
Service-producing industries .....	104	40.0	687	712	525	-	780	-	-	12	17	1	13	2	13	26	7	2	4	4	-	-	-	-	-	-	-	-	
Level III .....	938	40.0	934	926	857	-	1,000	-	-	-	-	-	( <sup>3</sup> )	1	2	3	14	22	13	18	19	5	2	-	-	-	-	-	
Private industry .....	906	40.0	934	923	856	-	1,000	-	-	-	-	-	( <sup>3</sup> )	2	2	3	14	22	12	19	19	5	2	-	-	-	-	-	
Goods-producing industries .....	746	40.0	947	945	859	-	1,003	-	-	-	-	-	-	1	3	14	22	11	21	20	6	2	-	-	-	-	-	-	
Manufacturing .....	742	40.0	947	945	859	-	1,004	-	-	-	-	-	-	1	3	14	22	11	21	20	6	2	-	-	-	-	-	-	
Service-producing industries .....	160	40.0	874	880	820	-	941	-	-	-	-	-	1	9	6	6	16	23	16	10	13	1	-	-	-	-	-	-	
Transportation and utilities .....	54	40.0	921	912	867	-	983	-	-	-	-	-	-	-	-	13	31	24	9	22	-	-	-	-	-	-	-	-	
State and local government .....	32	39.9	937	-	-	-	-	-	-	-	-	-	-	9	3	-	16	34	6	28	3	-	-	-	-	-	-	-	

See footnotes at end of table.

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	
Level IV .....	802	40.0	\$1,134	\$1,138	\$1,062 - \$1,224	-	-	-	-	-	1	-	-	1	-	1	4	6	27	29	23	7	( <sup>3</sup> )	( <sup>3</sup> )	-	-	
Private industry .....	780	40.0	1,134	1,138	1,068 - 1,224	-	-	-	-	-	1	-	-	1	-	1	4	6	26	29	24	7	( <sup>3</sup> )	-	-	-	
Goods-producing industries .....	657	40.0	1,148	1,148	1,073 - 1,236	-	-	-	-	-	-	-	-	-	-	1	4	6	26	28	26	9	( <sup>3</sup> )	-	-	-	
Manufacturing .....	645	40.0	1,149	1,153	1,073 - 1,237	-	-	-	-	-	-	-	-	-	-	1	4	6	26	28	27	9	( <sup>3</sup> )	-	-	-	
Service-producing industries .....	123	40.0	1,064	1,094	1,020 - 1,160	-	-	-	-	5	-	-	-	5	-	2	5	5	31	36	11	2	-	-	-	-	
Transportation and utilities .....	39	40.0	1,123	-	- - -	-	-	-	-	-	-	-	-	-	-	-	5	31	54	10	-	-	-	-	-	-	
Level V .....	247	40.0	1,324	1,317	1,221 - 1,389	-	-	-	-	-	-	-	-	-	-	-	( <sup>3</sup> )	5	13	24	33	13	5	3	3		
Private industry .....	233	40.0	1,325	1,321	1,221 - 1,389	-	-	-	-	-	-	-	-	-	-	-	( <sup>3</sup> )	6	12	23	35	12	6	3	3		
Goods-producing industries .....	177	40.0	1,364	1,345	1,289 - 1,442	-	-	-	-	-	-	-	-	-	-	-	-	1	10	21	38	14	7	5	4		
Manufacturing .....	172	40.0	1,364	1,337	1,287 - 1,444	-	-	-	-	-	-	-	-	-	-	-	-	1	10	22	36	15	8	5	4		
Service-producing industries .....	56	40.0	1,204	1,206	1,122 - 1,311	-	-	-	-	-	-	-	-	-	-	-	2	20	20	30	25	4	-	-	-		
<b>ADMINISTRATIVE OCCUPATIONS</b>																											
<b>Budget Analysts</b>																											
Level II:																											
State and local government .....	6	40.0	692	-	- - -	-	-	-	33	17	-	-	-	17	-	17	17	-	-	-	-	-	-	-	-	-	-
<b>Buyers/Contracting Specialists</b>																											
Level I .....	84	39.9	516	523	454 - 568	5	18	6	39	19	12	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry .....	77	39.9	514	523	462 - 566	5	18	4	40	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries .....	38	40.0	545	-	- - -	-	-	-	66	13	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing .....	38	40.0	545	-	- - -	-	-	-	66	13	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	39	39.7	483	-	- - -	10	36	8	15	26	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	7	40.0	542	-	- - -	-	14	29	29	14	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	
Level II .....	232	40.0	645	633	581 - 714	-	6	6	5	18	20	14	19	3	5	1	1	2	-	-	-	-	-	-	-	-	
Private industry .....	195	40.0	671	664	597 - 714	-	-	-	5	21	24	16	21	4	5	1	2	2	-	-	-	-	-	-	-	-	
Goods-producing industries .....	153	40.0	684	672	629 - 715	-	-	-	4	14	27	15	26	2	6	1	2	3	-	-	-	-	-	-	-	-	
Manufacturing .....	153	40.0	684	672	629 - 715	-	-	-	4	14	27	15	26	2	6	1	2	3	-	-	-	-	-	-	-	-	
Service-producing industries .....	42	39.9	622	593	575 - 677	-	-	-	7	45	14	21	2	10	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government .....	37	40.0	512	-	- - -	-	38	38	5	3	-	-	3	5	-	-	-	-	-	-	-	-	-	-	-	-	
Level III .....	91	40.0	881	830	771 - 938	-	-	-	-	-	-	-	22	9	23	15	7	9	3	5	7	-	-	-	-	-	
Private industry .....	86	40.0	881	830	762 - 973	-	-	-	-	-	-	-	23	9	22	16	3	9	3	6	7	-	-	-	-	-	
Goods-producing industries .....	67	40.0	891	830	774 - 982	-	-	-	-	-	-	-	24	4	25	16	1	10	1	7	9	-	-	-	-	-	
Manufacturing .....	67	40.0	891	830	774 - 982	-	-	-	-	-	-	-	24	4	25	16	1	10	1	7	9	-	-	-	-	-	

See footnotes at end of table.

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>				Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range		350 and under 400	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400	1500	1600	1700
								450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200	1300	1400	1500	1600	1700	1800
<b>Computer Programmers</b>																											
Level I .....	47	40.0	\$602	\$629	\$538	—	\$658	—	2	13	19	9	21	19	15	—	—	2	—	—	—	—	—	—	—	—	—
Private industry .....	47	40.0	602	629	538	—	658	—	2	13	19	9	21	19	15	—	—	2	—	—	—	—	—	—	—	—	—
Goods-producing industries .....	37	40.0	622	—	—	—	—	—	3	—	19	8	27	24	19	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing .....	37	40.0	622	—	—	—	—	—	3	—	19	8	27	24	19	—	—	—	—	—	—	—	—	—	—	—	—
Level II .....	182	40.0	705	714	617	—	790	—	—	3	7	9	13	15	14	19	11	7	2	—	—	—	—	—	—	—	—
Private industry .....	175	40.0	707	716	617	—	795	—	—	2	7	9	13	14	14	20	11	7	2	—	—	—	—	—	—	—	—
Service-producing industries .....	67	40.0	650	615	577	—	707	—	—	4	12	19	21	16	9	—	9	9	—	—	—	—	—	—	—	—	—
Level III:																											
Private industry:																											
Service-producing industries .....	42	40.0	709	691	633	—	780	—	—	—	—	7	29	19	17	14	5	—	10	—	—	—	—	—	—	—	—
<b>Computer Systems Analysts</b>																											
Level I .....	226	40.0	786	788	680	—	862	—	—	—	1	4	8	15	5	22	19	12	7	6	2	—	—	—	—	—	—
Private industry .....	215	40.0	790	793	680	—	865	—	—	—	1	3	8	14	3	23	20	12	7	7	2	—	—	—	—	—	—
Goods-producing industries .....	85	40.0	877	868	812	—	924	—	—	—	—	—	—	—	—	24	20	18	16	16	6	—	—	—	—	—	—
Manufacturing .....	85	40.0	877	868	812	—	924	—	—	—	—	—	—	—	—	24	20	18	16	16	6	—	—	—	—	—	—
Service-producing industries .....	130	40.0	733	757	654	—	806	—	—	—	2	5	14	24	5	22	19	8	2	—	—	—	—	—	—	—	—
Level II .....	625	40.0	885	882	820	—	943	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	3	4	10	19	21	20	11	8	3	( <sup>3</sup> )	—	—	—	—
Private industry .....	606	40.0	887	884	825	—	944	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	3	4	10	19	21	20	11	8	3	( <sup>3</sup> )	—	—	—	—
Goods-producing industries .....	105	40.0	983	981	889	—	1,079	—	—	—	—	—	—	—	—	9	2	16	16	11	25	17	3	—	—	—	—
Manufacturing .....	104	40.0	983	981	889	—	1,079	—	—	—	—	—	—	—	—	9	2	16	16	11	25	17	3	—	—	—	—
Service-producing industries .....	501	40.0	867	868	815	—	929	—	—	—	—	( <sup>3</sup> )	4	5	10	23	22	21	11	4	—	—	—	—	—	—	—
Level III .....	576	40.0	1,066	1,060	1,000	—	1,136	—	—	—	—	—	—	—	( <sup>3</sup> )	1	3	5	15	39	30	7	1	—	—	—	—
Private industry .....	572	40.0	1,066	1,062	1,000	—	1,136	—	—	—	—	—	—	—	( <sup>3</sup> )	1	3	5	15	38	30	7	1	—	—	—	—
Service-producing industries .....	459	40.0	1,056	1,040	994	—	1,128	—	—	—	—	—	—	—	( <sup>3</sup> )	1	4	6	17	38	27	7	1	—	—	—	—
Level IV .....	225	40.0	1,268	1,266	1,188	—	1,354	—	—	—	—	—	—	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	6	21	34	26	10	2	—	—
Private industry .....	224	40.0	1,268	1,266	1,188	—	1,354	—	—	—	—	—	—	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	6	21	34	26	10	2	—	—
Service-producing industries .....	209	40.0	1,263	1,265	1,188	—	1,346	—	—	—	—	—	—	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	6	22	37	23	9	2	—	—

See footnotes at end of table.

**Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	350 and under 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	
<b>Computer Systems Analyst Supervisors/Managers</b>																											
Level I .....	93	40.0	\$1,124	\$1,119	\$1,019 - \$1,228	-	-	-	-	-	-	-	-	-	-	1	2	2	9	25	29	24	9	-	-	-	-
Private industry .....	91	40.0	1,125	1,119	1,014 - 1,228	-	-	-	-	-	-	-	-	-	-	1	2	2	9	24	29	24	9	-	-	-	-
Service-producing industries .....	72	40.0	1,116	1,119	1,006 - 1,227	-	-	-	-	-	-	-	-	-	-	1	3	3	7	26	29	24	7	-	-	-	-
<b>Personnel Specialists</b>																											
Level II .....	173	40.0	587	560	534 - 658	1	2	13	31	14	11	19	6	1	-	2	1	-	-	-	-	-	-	-	-	-	-
Private industry .....	164	40.0	578	551	534 - 658	1	2	13	32	14	10	20	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries .....	71	40.0	632	658	593 - 679	-	-	3	15	18	11	38	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing .....	71	40.0	632	658	593 - 679	-	-	3	15	18	11	38	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	93	40.0	536	538	473 - 551	2	3	22	45	11	10	6	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
State and local government .....	9	39.7	749	-	- - -	-	-	-	-	22	22	-	11	-	-	33	11	-	-	-	-	-	-	-	-	-	-
Level III .....	238	39.9	795	791	738 - 828	-	-	-	1	1	3	9	16	24	27	10	4	3	3	( <sup>3</sup> )	-	-	-	-	-	-	-
Private industry .....	196	39.9	800	803	740 - 828	-	-	-	1	1	1	11	13	22	31	9	5	3	3	1	-	-	-	-	-	-	-
Goods-producing industries .....	102	40.0	842	828	791 - 883	-	-	-	2	-	-	1	5	22	36	15	8	5	6	1	-	-	-	-	-	-	-
Manufacturing .....	101	40.0	842	828	791 - 883	-	-	-	2	-	-	1	5	22	37	14	8	5	6	1	-	-	-	-	-	-	-
Service-producing industries .....	94	39.8	755	763	700 - 811	-	-	-	-	1	1	22	22	23	26	3	1	-	-	-	-	-	-	-	-	-	-
State and local government .....	42	39.9	771	756	729 - 838	-	-	-	-	5	12	-	26	29	7	12	2	2	5	-	-	-	-	-	-	-	-
Level IV .....	105	40.0	1,003	1,019	900 - 1,087	-	-	-	-	-	-	-	-	-	3	17	4	9	10	34	22	2	-	-	-	-	
Private industry .....	93	40.0	1,013	1,019	935 - 1,100	-	-	-	-	-	-	-	-	-	1	16	3	9	10	35	24	2	-	-	-	-	
Goods-producing industries .....	54	40.0	1,060	1,019	1,019 - 1,142	-	-	-	-	-	-	-	-	-	-	-	4	6	7	52	28	4	-	-	-	-	
Manufacturing .....	54	40.0	1,060	1,019	1,019 - 1,142	-	-	-	-	-	-	-	-	-	-	-	4	6	7	52	28	4	-	-	-	-	
Service-producing industries .....	39	40.0	947	-	- - -	-	-	-	-	-	-	-	-	-	3	38	3	13	13	18	-	-	-	-	-	-	

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

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

compute means, medians, and middle ranges.

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

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



**Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Dayton-Springfield, OH, March 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	300 and under 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000		
<b>TECHNICAL OCCUPATIONS</b>																											
<b>Computer Operators</b>																											
Level II .....	179	40.0	\$443	\$430	\$396 - \$491	1	1	17	7	16	17	7	15	9	2	5	1	1	1	1	1	1	1	1	1	1	1
Private industry .....	163	40.0	438	430	393 - 487	1	1	18	6	18	17	8	17	9	2	1	1	1	1	1	1	1	1	1	1	1	1
Goods-producing industries .....	58	40.0	451	430	415 - 491	-	-	-	9	29	19	-	34	5	2	-	2	-	-	-	-	-	-	-	-	-	-
Manufacturing .....	56	40.0	450	430	412 - 490	-	-	-	9	29	20	-	36	5	-	-	2	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	105	40.0	431	430	360 - 474	2	2	29	4	11	15	12	7	10	2	2	1	2	1	-	-	-	-	-	-	-	-
Level III .....	101	39.9	562	540	490 - 609	-	-	-	1	3	4	6	17	12	13	6	11	12	3	7	5	1	-	-	-	-	-
Private industry .....	98	39.9	563	543	490 - 612	-	-	-	1	3	4	6	17	12	11	5	11	12	3	7	5	1	-	-	-	-	-
Goods-producing industries .....	37	40.0	562	-	- - -	-	-	-	-	5	-	-	24	-	14	5	24	24	-	3	-	-	-	-	-	-	-
Manufacturing .....	37	40.0	562	-	- - -	-	-	-	-	5	-	-	24	-	14	5	24	24	-	3	-	-	-	-	-	-	-
Service-producing industries .....	61	39.8	563	521	480 - 646	-	-	-	2	2	7	10	13	20	10	5	3	5	5	10	8	2	-	-	-	-	-
Level IV .....	46	40.0	651	640	578 - 688	-	-	-	-	-	-	-	4	7	4	7	9	26	22	7	2	2	11	-	-	-	-
Private industry .....	46	40.0	651	640	578 - 688	-	-	-	-	-	-	-	4	7	4	7	9	26	22	7	2	2	11	-	-	-	-
<b>Drafters</b>																											
Level II .....	105	40.0	489	480	456 - 525	-	-	-	3	9	1	19	26	12	19	3	6	1	-	-	-	-	-	-	-	-	-
Private industry .....	95	40.0	483	480	454 - 525	-	-	2	3	9	1	21	28	7	20	1	6	-	-	-	-	-	-	-	-	-	-
Goods-producing industries .....	58	40.0	495	480	480 - 547	-	-	3	-	-	-	19	45	-	22	-	10	-	-	-	-	-	-	-	-	-	-
Level III .....	140	40.0	601	588	556 - 654	-	-	-	-	-	4	-	1	-	9	15	30	12	17	11	-	-	-	-	-	-	-
Private industry .....	139	40.0	602	588	556 - 654	-	-	-	-	-	4	-	1	-	9	14	30	12	17	11	-	-	-	-	-	-	-
Goods-producing industries .....	117	40.0	612	588	556 - 662	-	-	-	-	-	-	-	2	-	11	13	31	10	21	13	-	-	-	-	-	-	-
Manufacturing .....	116	40.0	613	588	563 - 662	-	-	-	-	-	-	-	2	-	10	13	31	10	21	13	-	-	-	-	-	-	-
<b>Engineering Technicians</b>																											
Level II .....	88	40.0	483	497	433 - 498	-	-	-	-	13	22	13	35	3	1	6	2	6	-	-	-	-	-	-	-	-	-
Private industry .....	88	40.0	483	497	433 - 498	-	-	-	-	13	22	13	35	3	1	6	2	6	-	-	-	-	-	-	-	-	-
Goods-producing industries .....	83	40.0	482	497	433 - 498	-	-	-	-	13	20	13	37	2	-	5	2	6	-	-	-	-	-	-	-	-	-
Manufacturing .....	83	40.0	482	497	433 - 498	-	-	-	-	13	20	13	37	2	-	5	2	6	-	-	-	-	-	-	-	-	-
Level III .....	230	40.0	663	670	605 - 734	-	-	-	-	-	-	-	-	3	6	4	6	25	26	15	14	2	-	-	-	-	-
Private industry .....	230	40.0	663	670	605 - 734	-	-	-	-	-	-	-	-	3	6	4	6	25	26	15	14	2	-	-	-	-	-
Goods-producing industries .....	183	40.0	685	674	636 - 734	-	-	-	-	-	-	-	-	-	1	2	7	19	32	19	18	2	-	-	-	-	-
Manufacturing .....	183	40.0	685	674	636 - 734	-	-	-	-	-	-	-	-	-	1	2	7	19	32	19	18	2	-	-	-	-	-
Level IV .....	259	40.0	709	720	636 - 760	-	-	-	-	-	-	-	-	-	6	1	20	17	26	17	10	2	1	-	-	-	-
Private industry .....	259	40.0	709	720	636 - 760	-	-	-	-	-	-	-	-	-	6	1	20	17	26	17	10	2	1	-	-	-	-
Goods-producing industries .....	175	40.0	707	720	620 - 791	-	-	-	-	-	-	-	-	-	9	-	24	12	21	19	11	3	2	-	-	-	-
Manufacturing .....	175	40.0	707	720	620 - 791	-	-	-	-	-	-	-	-	-	9	-	24	12	21	19	11	3	2	-	-	-	-

See footnotes at end of table.

**Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	300 and under 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000		
<b>Engineering Technicians, Civil</b>																											
Level II .....	29	40.0	\$454	-	- - -	-	-	14	7	17	14	17	14	3	-	-	-	14	-	-	-	-	-	-	-	-	-
Level III .....	52	39.9	590	\$596	\$526 - \$651	-	-	-	-	-	-	6	13	-	19	6	6	23	17	10	-	-	-	-	-	-	-
State and local government .....	38	39.9	605	-	- - -	-	-	-	-	-	-	-	13	-	21	-	5	29	18	13	-	-	-	-	-	-	-
Level IV .....	32	39.9	675	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	44	19	22	16	-	-	-	-	-	
<b>PROTECTIVE SERVICE OCCUPATIONS</b>																											
<b>Corrections Officers</b>																											
State and local government .....	413	39.8	516	512	470 - 576	-	-	2	( <sup>3</sup> )	12	4	18	11	10	11	6	15	9	2	-	-	-	-	-	-	-	-
State and local government .....	413	39.8	516	512	470 - 576	-	-	2	( <sup>3</sup> )	12	4	18	11	10	11	6	15	9	2	-	-	-	-	-	-	-	-
<b>Firefighters</b>																											
State and local government .....	484	51.0	746	740	691 - 740	-	-	-	-	-	-	-	-	-	3	-	5	4	28	41	1	-	-	-	-	18	
State and local government .....	484	51.0	746	740	691 - 740	-	-	-	-	-	-	-	-	-	3	-	5	4	28	41	1	-	-	-	-	18	
<b>Police Officers</b>																											
Level I .....	1,057	40.0	699	744	650 - 744	-	-	-	1	1	( <sup>3</sup> )	-	( <sup>3</sup> )	( <sup>3</sup> )	1	4	1	18	16	49	9	1	( <sup>3</sup> )	-	-	-	
State and local government .....	1,053	40.0	700	744	650 - 744	-	-	-	( <sup>3</sup> )	1	( <sup>3</sup> )	-	( <sup>3</sup> )	( <sup>3</sup> )	1	4	1	18	16	49	9	1	( <sup>3</sup> )	-	-	-	

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

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

methods used to compute means, medians, and middle ranges.

<sup>3</sup> 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, Dayton-Springfield, OH, March 1996**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850		
<b>Clerks, Accounting</b>																												
Level II .....	507	39.9	\$348	\$343	\$302 - \$381	-	-	1	6	17	17	13	18	13	4	5	4	2	1	-	-	( <sup>3</sup> )	-	-	-	-	-	-
Private industry .....	445	40.0	340	340	290 - 367	-	-	1	7	20	19	13	18	12	4	4	3	( <sup>3</sup> )	( <sup>3</sup> )	-	-	( <sup>3</sup> )	-	-	-	-	-	
Goods-producing industries .....	95	40.0	383	382	343 - 440	-	-	-	9	-	3	15	7	32	1	18	15	-	-	-	-	-	-	-	-	-	-	
Manufacturing .....	82	40.0	386	382	343 - 441	-	-	-	11	-	2	12	5	32	1	20	17	-	-	-	-	-	-	-	-	-	-	
Service-producing industries .....	350	39.9	328	320	288 - 358	-	-	1	6	25	23	12	21	6	5	-	-	1	( <sup>3</sup> )	-	-	-	-	-	-	-		
Transportation and utilities .....	63	40.0	336	342	290 - 358	-	-	-	10	16	17	21	24	6	2	-	-	3	2	-	-	-	-	-	-	-		
State and local government .....	62	39.8	407	388	356 - 451	-	-	2	-	-	5	16	11	21	5	10	8	11	10	-	-	2	-	-	-	-		
Level III .....	615	39.9	432	414	378 - 477	-	-	-	( <sup>3</sup> )	1	12	7	16	18	12	9	5	4	10	4	2	( <sup>3</sup> )	-	-	-	-		
Private industry .....	436	40.0	422	404	375 - 471	-	-	-	( <sup>3</sup> )	1	14	8	16	21	11	4	4	5	10	2	3	-	-	-	-	-		
Goods-producing industries .....	223	40.0	451	435	392 - 525	-	-	-	1	-	2	9	17	20	8	4	3	9	19	2	6	-	-	-	-	-		
Manufacturing .....	211	40.0	456	435	392 - 525	-	-	-	-	-	2	7	18	21	7	4	3	9	20	2	7	-	-	-	-	-		
Service-producing industries .....	213	40.0	390	394	330 - 425	-	-	-	-	3	28	8	15	22	14	3	5	( <sup>3</sup> )	-	-	-	-	-	-	-	-		
Transportation and utilities .....	51	40.0	435	419	397 - 473	-	-	-	-	-	-	6	22	25	16	10	14	-	-	8	-	-	-	-	-	-		
State and local government .....	179	39.5	457	451	406 - 493	-	-	-	-	1	4	2	17	11	13	21	8	1	9	10	1	2	-	-	-	-		
Level IV .....	129	39.9	482	481	440 - 510	-	-	-	-	1	1	2	9	7	8	9	33	12	7	9	3	-	1	-	-	-		
Private industry .....	78	40.0	486	481	481 - 504	-	-	-	-	1	1	3	4	-	4	9	49	9	12	8	1	-	-	-	-	-		
Service-producing industries .....	64	40.0	477	481	479 - 481	-	-	-	-	2	2	3	5	-	5	8	59	5	5	6	2	-	-	-	-	-		
State and local government .....	51	39.7	476	461	416 - 512	-	-	-	-	-	-	-	16	18	14	8	10	16	-	12	6	-	2	-	-	-		
<b>Clerks, General</b>																												
Level II .....	380	39.9	324	321	306 - 345	-	-	1	8	14	32	24	11	11	1	-	-	-	-	-	-	-	-	-	-	-		
Private industry .....	206	39.9	317	312	280 - 344	-	-	1	14	21	22	20	9	12	1	-	-	-	-	-	-	-	-	-	-	-		
Goods-producing industries .....	94	40.0	327	312	280 - 357	-	-	-	-	29	30	6	14	18	3	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing .....	91	40.0	327	312	280 - 357	-	-	-	-	29	31	5	13	19	3	-	-	-	-	-	-	-	-	-	-	-		
Service-producing industries .....	112	39.9	308	321	270 - 330	-	-	2	26	14	16	31	4	6	-	-	-	-	-	-	-	-	-	-	-	-		
State and local government .....	174	39.9	332	327	314 - 345	-	-	-	-	5	44	28	13	10	1	-	-	-	-	-	-	-	-	-	-	-		
Level III .....	370	39.7	383	381	330 - 424	-	-	-	1	4	11	24	9	16	12	6	6	7	4	( <sup>3</sup> )	( <sup>3</sup> )	-	-	-	-	-		
Private industry .....	301	39.8	380	374	330 - 413	-	-	-	1	4	12	26	7	16	10	5	5	9	4	( <sup>3</sup> )	( <sup>3</sup> )	-	-	-	-	-		
Goods-producing industries .....	156	40.0	403	397	349 - 453	-	-	-	-	-	9	16	10	17	11	8	8	13	7	-	-	-	-	-	-	-		
Manufacturing .....	150	40.0	405	397	356 - 462	-	-	-	-	-	7	17	9	18	11	9	9	13	7	-	-	-	-	-	-	-		
Service-producing industries .....	145	39.5	355	330	329 - 394	-	-	1	9	14	37	4	14	10	1	2	4	1	1	1	1	-	-	-	-	-		
State and local government .....	69	39.5	398	400	360 - 433	-	-	-	-	6	13	16	16	22	13	10	1	3	-	-	-	-	-	-	-	-		
Level IV .....	207	40.0	477	460	435 - 512	-	-	-	-	( <sup>3</sup> )	4	2	4	11	16	21	7	14	10	3	4	-	-	3	-	-		
Private industry .....	161	40.0	480	460	432 - 526	-	-	-	-	1	5	2	5	11	13	23	2	12	12	4	6	-	-	4	-	-		
Goods-producing industries .....	129	40.0	495	464	445 - 535	-	-	-	-	-	5	-	3	5	14	27	2	12	15	5	7	-	-	5	-			
Manufacturing .....	129	40.0	495	464	445 - 535	-	-	-	-	-	5	-	3	5	14	27	2	12	15	5	7	-	-	5	-			
State and local government .....	46	39.9	466	458	444 - 498	-	-	-	-	-	-	-	-	2	11	28	15	24	20	-	-	-	-	-	-	-		

See footnotes at end of table.

**Table A-3. All establishments: Weekly hours and pay of clerical occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	
<b>Clerks, Order</b>																											
Level I .....	373	40.0	\$329	\$320	\$300 - \$360	-	-	-	( <sup>3</sup> )	4	56	12	3	23	2	-	-	-	-	-	-	-	-	-	-	-	-
Private industry .....	373	40.0	329	320	300 - 360	-	-	-	( <sup>3</sup> )	4	56	12	3	23	2	-	-	-	-	-	-	-	-	-	-	-	-
<b>Key Entry Operators</b>																											
Level I .....	279	39.9	324	320	283 - 344	( <sup>3</sup> )	1	6	13	15	16	27	3	6	6	4	2	-	1	-	-	-	-	-	-	-	-
Private industry .....	244	39.9	318	319	276 - 341	( <sup>3</sup> )	1	7	15	16	12	31	( <sup>3</sup> )	7	5	5	1	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	235	39.9	315	316	276 - 339	( <sup>3</sup> )	1	7	15	17	12	29	( <sup>3</sup> )	8	5	5	-	-	-	-	-	-	-	-	-	-	-
State and local government .....	35	39.9	368	-	-	-	-	-	-	3	43	3	17	-	17	-	6	-	11	-	-	-	-	-	-	-	-
Level II .....	142	40.0	421	416	360 - 501	-	-	-	9	2	1	1	15	11	23	6	2	1	11	11	7	-	-	-	-	-	-
Private industry .....	116	40.0	424	416	360 - 501	-	-	-	11	3	-	-	16	7	26	1	2	-	13	13	9	-	-	-	-	-	-
Service-producing industries .....	68	40.0	363	365	350 - 416	-	-	-	19	4	-	-	28	3	44	1	-	-	-	-	-	-	-	-	-	-	-
<b>Personnel Assistants (Employment)</b>																											
Level II .....	54	39.8	381	374	334 - 396	-	-	-	-	-	6	24	20	26	11	7	-	2	-	4	-	-	-	-	-	-	-
Private industry .....	50	39.8	372	371	334 - 391	-	-	-	-	-	6	26	22	28	10	8	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries .....	42	39.7	367	360	334 - 390	-	-	-	-	-	7	31	19	29	5	10	-	-	-	-	-	-	-	-	-	-	-
Level III .....	39	39.7	501	-	-	-	-	-	-	-	-	-	-	-	8	3	10	44	18	-	18	-	-	-	-	-	-
Private industry .....	27	39.7	491	-	-	-	-	-	-	-	-	-	-	-	11	4	11	37	26	-	11	-	-	-	-	-	-
State and local government .....	12	39.8	524	-	-	-	-	-	-	-	-	-	-	-	-	-	8	58	-	-	33	-	-	-	-	-	-
<b>Secretaries</b>																											
Level I .....	343	40.0	367	354	333 - 394	-	-	-	3	5	4	37	10	30	2	1	( <sup>3</sup> )	6	( <sup>3</sup> )	-	-	1	1	-	-	-	-
Private industry .....	252	40.0	351	339	329 - 366	-	-	-	4	7	6	50	13	14	3	1	-	-	-	-	-	1	1	-	-	-	-
Service-producing industries .....	165	40.0	338	334	321 - 354	-	-	-	5	11	9	45	19	5	5	1	-	-	-	-	-	-	-	-	-	-	-
State and local government .....	91	40.0	411	397	382 - 440	-	-	-	-	-	-	-	2	73	-	2	1	21	1	-	-	-	-	-	-	-	-
Level II .....	560	39.9	456	464	419 - 497	-	-	1	-	1	1	2	4	10	9	16	17	18	7	8	( <sup>3</sup> )	-	-	-	-	-	-
Private industry .....	397	40.0	443	447	406 - 488	-	-	-	-	-	1	3	5	14	11	17	20	20	7	2	( <sup>3</sup> )	-	-	-	-	-	-
Goods-producing industries .....	59	40.0	469	464	452 - 502	-	-	-	-	-	-	-	-	3	7	10	39	12	27	2	-	-	-	-	-	-	-
Service-producing industries .....	338	40.0	438	441	398 - 482	-	-	-	-	-	1	3	6	16	12	18	16	22	3	2	-	( <sup>3</sup> )	-	-	-	-	-
State and local government .....	163	39.6	489	514	450 - 552	-	-	4	-	4	-	-	-	1	5	13	9	13	7	18	27	-	-	-	-	-	-
Level III .....	436	39.9	534	527	490 - 564	-	-	-	-	-	-	-	( <sup>3</sup> )	3	6	5	8	6	18	15	25	5	6	2	2	-	-
Private industry .....	329	40.0	529	526	465 - 564	-	-	-	-	-	-	-	1	4	8	6	9	8	14	10	28	4	5	2	2	-	-
Goods-producing industries .....	131	40.0	547	540	464 - 560	-	-	-	-	-	-	-	-	2	11	7	7	6	9	14	24	2	7	6	6	-	-
Manufacturing .....	130	40.0	547	541	464 - 560	-	-	-	-	-	-	-	-	2	12	7	6	6	9	14	24	2	7	6	6	-	-
Service-producing industries .....	198	40.0	517	524	470 - 565	-	-	-	-	-	-	-	1	6	5	5	11	9	17	8	30	5	4	-	-	-	-
Transportation and utilities .....	40	40.0	504	501	470 - 524	-	-	-	-	-	-	-	-	10	10	-	13	13	32	-	10	2	10	-	-	-	-
State and local government .....	107	39.7	552	532	522 - 560	-	-	-	-	-	-	-	-	-	-	1	5	-	31	28	17	8	10	-	-	-	-
Level IV .....	87	40.0	636	648	575 - 697	-	-	-	-	-	-	-	-	-	-	-	1	5	6	10	9	20	25	16	6	2	-
Private industry .....	61	40.0	619	625	540 - 667	-	-	-	-	-	-	-	-	-	-	-	2	5	8	11	11	23	26	5	7	2	-
Service-producing industries .....	38	40.0	609	-	-	-	-	-	-	-	-	-	-	-	-	-	3	8	8	11	8	21	37	-	5	-	-
State and local government .....	26	40.0	677	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	8	4	12	23	42	4	4	-

See footnotes at end of table.

**Table A-3. All establishments: Weekly hours and pay of clerical occupations, Dayton-Springfield, OH, March 1996 — Continued**

Occupation and level	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly pay (in dollars) <sup>2</sup>			Percent of workers receiving straight-time weekly pay (in dollars) of—																				
			Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850
<b>Switchboard Operator-Receptionists</b> .....	446	39.8	\$321	\$306	\$274 - \$371	-	1	2	24	14	17	10	10	14	2	3	2	-	( <sup>3</sup> )	-	-	-	-	-	-	-
Private industry .....	388	39.8	316	300	270 - 357	-	1	2	28	14	16	10	9	14	1	4	2	-	-	-	-	-	-	-	-	-
Goods-producing industries .....	110	40.0	319	315	280 - 352	-	-	4	13	27	15	12	19	2	5	2	2	-	-	-	-	-	-	-	-	-
Manufacturing .....	105	40.0	318	315	280 - 352	-	-	4	13	28	16	10	20	1	5	2	2	-	-	-	-	-	-	-	-	-
State and local government .....	58	39.9	350	345	307 - 395	-	2	-	3	12	26	12	12	14	10	2	3	-	3	-	-	-	-	-	-	-
<b>Word Processors</b>																										
Level II .....	152	39.5	460	466	431 - 496	-	-	-	-	-	4	2	5	8	5	13	18	23	3	11	9	-	-	-	-	-
Private industry .....	53	39.4	451	476	435 - 478	-	-	-	-	-	11	-	2	2	-	19	8	49	8	-	2	-	-	-	-	-
Service-producing industries .....	26	38.9	426	-	-	-	-	-	-	-	23	-	4	4	-	15	4	46	4	-	-	-	-	-	-	-
State and local government .....	99	39.5	465	459	409 - 530	-	-	-	-	-	-	3	6	11	7	9	24	9	1	17	12	-	-	-	-	-

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

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

compute means, medians, and middle ranges.

<sup>3</sup> 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, Dayton-Springfield, OH, March 1996**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																								
		Mean	Median	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 - 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 and over		
<b>General Maintenance Workers</b> .....	441	\$11.11	\$10.50	\$10.15 - \$12.10	( <sup>2</sup> )	( <sup>2</sup> )	2	4	( <sup>2</sup> )	3	8	3	10	23	6	3	22	10	-	5	-	-	-	-	-	-	-	-	-
Private industry .....	367	10.97	10.50	10.15 - 12.10	1	1	1	5	( <sup>2</sup> )	2	7	2	12	26	6	2	20	12	-	3	-	-	-	-	-	-	-	-	
Goods-producing industries .....	245	11.42	11.00	10.27 - 12.10	-	-	-	-	-	-	8	2	16	20	7	2	27	13	-	4	-	-	-	-	-	-	-	-	
Manufacturing .....	242	11.44	11.00	10.49 - 12.10	-	-	-	-	-	-	7	2	16	21	7	2	27	13	-	4	-	-	-	-	-	-	-	-	
Service-producing industries .....	122	10.07	10.50	8.98 - 10.50	2	2	4	15	1	7	3	2	5	38	5	1	6	11	-	-	-	-	-	-	-	-	-	-	
State and local government .....	74	11.82	12.05	9.51 - 12.84	-	-	3	-	1	5	14	4	1	7	4	9	32	-	-	19	-	-	-	-	-	-	-	-	
<b>Maintenance Electricians:</b>																													
Private industry:																													
Service-producing industries .....	72	15.55	15.63	14.78 - 15.98	-	-	-	-	-	-	-	-	-	-	-	-	6	3	19	47	19	-	1	-	4	-	-	-	
<b>Maintenance Electronics Technicians</b>																													
Level I .....	42	11.88	11.43	10.65 - 12.98	-	-	-	-	-	-	-	-	14	12	26	7	17	21	-	-	-	2	-	-	-	-	-	-	
Private industry .....	41	11.86	11.43	10.65 - 12.98	-	-	-	-	-	-	-	-	15	12	27	7	15	22	-	-	-	2	-	-	-	-	-	-	
Level II .....	258	16.86	16.83	14.01 - 21.30	-	-	-	-	-	-	-	-	-	-	-	-	10	14	9	10	19	3	7	( <sup>2</sup> )	-	27	-		
Private industry .....	249	16.88	16.83	13.95 - 21.30	-	-	-	-	-	-	-	-	-	-	-	-	11	15	8	10	18	2	7	( <sup>2</sup> )	-	28	-		
Service-producing industries .....	84	15.79	16.16	15.23 - 16.83	-	-	-	-	-	-	-	-	-	-	-	-	7	8	7	27	40	6	2	1	-	-	-		
Level III .....	123	17.61	17.60	16.30 - 18.45	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13	22	11	24	11	10	10	1	1		
Private industry .....	118	17.60	17.60	16.30 - 18.40	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14	21	10	25	10	10	1	1			
Service-producing industries .....	64	18.44	18.33	17.37 - 19.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	16	9	38	14	14	2	2			
<b>Maintenance Mechanics, Machinery</b> .....	662	19.35	21.88	15.61 - 21.88	-	-	-	-	-	-	-	-	-	-	-	-	-	8	13	5	4	8	3	-	-	60	-		
Private industry .....	636	19.52	21.88	16.82 - 21.88	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12	5	3	8	3	-	-	62	-		
Goods-producing industries .....	614	19.66	21.88	17.14 - 21.88	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13	2	3	8	3	-	-	64	-		
Manufacturing .....	614	19.66	21.88	17.14 - 21.88	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13	2	3	8	3	-	-	64	-		
<b>Maintenance Mechanics, Motor Vehicle</b> ...	430	15.37	15.00	12.50 - 17.73	-	-	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	4	4	( <sup>2</sup> )	3	5	11	13	4	17	8	6	5	2	4	13	-		
Private industry .....	298	15.24	13.87	11.90 - 19.25	-	-	-	-	-	1	( <sup>2</sup> )	6	6	-	5	8	14	11	2	13	( <sup>2</sup> )	-	7	3	6	18	-		
Goods-producing industries .....	219	15.52	15.00	11.50 - 20.90	-	-	-	-	-	1	( <sup>2</sup> )	9	8	-	6	11	11	3	1	8	( <sup>2</sup> )	-	9	-	8	25	-		
Manufacturing .....	116	18.97	20.90	18.36 - 21.65	-	-	-	-	-	-	-	-	-	-	8	3	3	5	2	-	-	17	-	15	47	-			
Service-producing industries .....	79	14.44	13.65	12.50 - 15.63	-	-	-	-	-	-	-	-	-	-	-	-	25	32	5	27	-	-	-	11	-	-			
Transportation and utilities .....	62	14.79	14.88	12.50 - 15.63	-	-	-	-	-	-	-	-	-	-	-	-	27	18	6	34	-	-	-	15	-	-			
State and local government .....	132	15.66	15.77	14.53 - 16.80	-	-	-	-	-	-	-	-	-	2	-	-	2	19	10	24	25	18	-	-	-	-			
<b>Tool and Die Makers</b> .....	614	19.95	21.92	16.58 - 21.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3	6	( <sup>2</sup> )	2	2	-	68	-		
Private industry .....	614	19.95	21.92	16.58 - 21.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3	6	( <sup>2</sup> )	2	2	-	68	-		

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

<sup>2</sup> 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, Dayton-Springfield, OH, March 1996**

Occupation and level	Number of workers	Hourly pay (in dollars) <sup>1</sup>			Percent of workers receiving straight-time hourly pay (in dollars) of—																						
		Mean	Median	Middle range	4.25 and under 4.50	4.50 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	
<b>Forklift Operators:</b>																											
Private industry:																											
Service-producing industries .....	53	\$13.05	\$12.92	\$12.50 - \$14.06	-	-	-	-	-	-	-	-	-	-	-	6	2	11	32	-	49	-	-	-	-	-	-
Transportation and utilities .....	41	13.48	14.06	12.50 - 14.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	59	-	-	-	-	-	-
<b>Guards</b>																											
Level I .....	977	6.92	6.50	5.25 - 8.39	2	6	21	12	8	5	17	2	7	11	3	1	1	2	1	( <sup>2</sup> )	2	-	-	-	-	-	-
Private industry .....	925	6.74	6.25	5.25 - 7.55	2	6	22	12	9	5	18	2	7	11	1	1	1	2	-	-	2	-	-	-	-	-	-
Service-producing industries .....	885	6.54	6.00	5.25 - 7.47	2	7	23	13	9	5	17	2	7	12	1	( <sup>2</sup> )	1	1	-	-	-	-	-	-	-	-	-
State and local government .....	52	10.11	9.02	9.02 - 11.89	-	-	-	-	-	-	-	-	-	19	-	-	40	2	6	10	17	6	-	-	-	-	-
Level II .....	349	11.56	11.42	9.31 - 14.63	-	-	-	-	-	3	1	2	3	9	12	3	8	16	11	5	26	1	-	-	-	-	-
Private industry .....	342	11.54	11.42	9.31 - 14.63	-	-	-	-	-	3	1	2	4	9	12	4	8	16	10	5	27	1	-	-	-	-	-
Service-producing industries .....	215	10.10	9.56	8.83 - 11.82	-	-	-	-	-	4	1	3	6	14	19	6	13	15	15	4	( <sup>2</sup> )	-	-	-	-	-	-
<b>Janitors</b> .....	4,260	8.44	7.08	6.00 - 9.86	( <sup>2</sup> )	1	11	7	20	8	4	4	2	10	3	5	8	3	4	1	( <sup>2</sup> )	( <sup>2</sup> )	-	-	( <sup>2</sup> )	7	-
Private industry .....	3,378	7.91	6.50	6.00 - 8.53	( <sup>2</sup> )	1	14	9	25	10	5	5	2	11	3	2	( <sup>2</sup> )	1	1	1	-	-	-	( <sup>2</sup> )	9	-	
Goods-producing industries .....	569	14.23	18.26	9.79 - 18.29	-	-	1	-	1	13	1	3	3	1	2	5	( <sup>2</sup> )	6	6	2	-	-	-	-	1	55	
Manufacturing .....	551	14.47	18.26	9.79 - 18.29	-	-	1	-	1	10	1	3	3	1	3	5	( <sup>2</sup> )	7	6	3	-	-	-	-	1	57	
Service-producing industries .....	2,809	6.63	6.25	5.60 - 7.50	( <sup>2</sup> )	1	17	11	30	10	6	6	2	13	3	1	( <sup>2</sup> )	-	( <sup>2</sup> )	( <sup>2</sup> )	-	-	-	-	-	-	
State and local government .....	882	10.48	10.46	9.64 - 11.21	-	-	-	-	1	1	1	1	4	6	5	14	36	10	16	3	1	( <sup>2</sup> )	-	-	-	-	
<b>Material Handling Laborers</b> .....	217	12.97	13.00	7.50 - 17.67	-	-	4	4	4	-	10	7	-	1	-	-	-	-	6	25	-	-	-	-	29	4	6
Private industry .....	217	12.97	13.00	7.50 - 17.67	-	-	4	4	4	-	10	7	-	1	-	-	-	-	6	25	-	-	-	-	29	4	6
<b>Shipping/Receiving Clerks</b> .....	390	10.22	9.50	8.00 - 12.20	-	-	-	-	-	1	14	4	8	2	19	16	4	4	14	6	( <sup>2</sup> )	8	-	-	-	-	-
Private industry .....	389	10.21	9.50	8.00 - 12.20	-	-	-	-	-	1	14	4	8	2	20	16	4	4	14	6	( <sup>2</sup> )	8	-	-	-	-	-

See footnotes at end of table.





# Appendix A.

## Scope and Method of Survey

### Scope

This survey of the Dayton–Springfield, OH 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.<sup>1</sup> 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 Dayton–Springfield, OH Metropolitan Statistical Area (March 1992). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

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

### Survey design

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

designated occupations, the larger the establishment sample in that stratum. An upward adjustment to the establishment sample size also was made in strata expected to have relatively high sampling error for certain occupations, based on previous survey experiences. (See section on "Reliability of estimates" below for discussion of sampling error.)

### Data collection and payroll reference

Data for the survey were obtained primarily by personal visits of the Bureau's field economists to a sample of establishments within the Dayton–Springfield, OH Metropolitan Statistical Area. Collection for the survey was from January 1996 through June 1996 and reflects an average payroll reference month of March 1996. Data obtained for a payroll period prior to the end of March 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 7.4 percent of the sample establishments (representing 17,268 employees covered by the survey). An additional 7.8 percent of the sample establishments (representing 13,331 employees) were either out of business or outside the scope of the survey.

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

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

### Reliability of estimates

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

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

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

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	4.0
1 and under 3 percent	61.0
3 and under 5 percent	30.0
5 percent and over	5.0

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 8 percent of the 371 sampled job match decisions reviewed by the JMV reviewers and checked with the respondents were subsequently changed by the JMV reviewers. These results are from a similar survey conducted in 1994, see *Occupational Compensation Survey: Pay Only, Dayton–Springfield, OH*, BLS Bulletin 3075-11.

<sup>1</sup> For this survey, an establishment is an economic unit which produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. In manufacturing industries, the establishment is usually at a single physical location. In service-producing industries, all locations of an individual company in a Metropolitan Statistical Area are usually considered an establishment. In government, an establishment is defined as all locations of a government entity.

**Appendix table 1. Establishments and workers within scope of survey and number studied, Dayton-Springfield, OH<sup>1</sup>, March 1996**

Industry division <sup>2</sup>	Number of establishments		Workers in establishments		
	Within scope of survey <sup>3</sup>	Studied	Within scope of survey <sup>4</sup>		Studied
			Number	Percent	
All divisions .....	1,106	202	284,686	100	118,741
Private industry .....	1,016	176	238,727	84	91,668
Goods producing .....	319	53	89,041	31	34,750
Manufacturing .....	291	44	86,073	30	33,233
Construction <sup>5</sup> .....	26	7	2,719	1	1,268
Service producing .....	697	123	149,686	53	56,918
Transportation, communication, electric, gas, and sanitary services <sup>6</sup> .....	49	19	13,328	5	7,440
Wholesale trade <sup>7</sup> .....	73	6	7,594	3	818
Retail trade <sup>7</sup> .....	253	13	49,697	17	11,366
Finance, insurance, and real estate <sup>7</sup> .....	41	12	7,265	3	4,943
Services <sup>7</sup> .....	281	73	71,802	25	32,351
State and local government .....	90	26	45,959	16	27,073

<sup>1</sup> The Dayton-Springfield, OH Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Clark, Greene, Miami, and Montgomery Counties. The "workers within scope of survey" estimates provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) establishments employing fewer than 50 workers are excluded from the scope of the survey.

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

<sup>3</sup> Includes all establishments with at least 50 total employees. In goods producing, an establishment is defined as a single physical location where industrial operations are performed. In service producing industries, an establishment is defined as all locations of a company in the area within the

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

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

<sup>5</sup> Separate data for this division are not shown in the A-series tables, but the division is represented in the "all industries" and "goods producing" estimates.

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

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

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