

Occupational Compensation Survey: Pay Only

**Philadelphia, Pennsylvania–
New Jersey, Metropolitan Area,
November 1996**



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-45

Preface

This bulletin provides results of a November 1996 survey of occupational pay in the Philadelphia, PA–NJ Primary Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in Philadelphia, under the direction of John W. Filemyr, 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 Philadelphia Regional Office at (215) 596-1154. 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

Philadelphia, Pennsylvania— New Jersey, Metropolitan Area, November 1996



U.S. Department of Labor

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

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Introduction

This survey of occupational pay in the Philadelphia, PA–NJ Primary Metropolitan Statistical Area (Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA; and Burlington, Camden, and Gloucester Counties, NJ) 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, Philadelphia, PA-NJ, November 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		300 and under 400	400 - 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	
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level I	248	38.3	\$529	\$525	\$475	—	\$577	2	31	54	13	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	230	38.4	531	525	481	—	577	2	30	55	13	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	194	38.1	513	522	475	—	554	2	35	59	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	1,378	39.0	651	645	577	—	719	—	1	30	39	21	7	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	1,266	39.3	654	651	577	—	729	—	1	30	37	23	7	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	502	39.8	667	672	591	—	730	—	(³)	26	37	25	10	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	472	39.8	671	672	611	—	730	—	(³)	23	38	26	10	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	764	38.9	646	638	577	—	717	—	2	32	37	22	5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	112	36.5	617	630	591	—	630	—	4	34	54	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	1,599	38.9	820	808	731	—	897	—	—	1	20	27	29	15	7	1	1	—	—	—	—	—	—	—	—	—	—	—
Private industry	1,416	39.2	821	808	747	—	921	—	—	1	17	29	28	17	8	1	(³)	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	356	39.9	881	890	798	—	969	—	—	—	6	19	28	31	10	4	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	282	39.9	905	925	820	—	981	—	—	—	1	21	21	39	13	5	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	1,060	39.0	801	784	728	—	865	—	—	1	21	32	27	12	7	—	(³)	—	—	—	—	—	—	—	—	—	—	—
Transportation and utilities	65	38.6	835	865	737	—	962	—	—	—	20	6	45	23	6	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	183	36.5	809	788	698	—	897	—	—	—	42	12	37	2	—	4	4	—	—	—	—	—	—	—	—	—	—	—
Level IV	664	38.9	1,097	1,071	962	—	1,242	—	—	—	—	2	8	23	23	11	16	9	5	1	(³)	—	—	—	—	—	—	—
Private industry	601	39.1	1,117	1,081	962	—	1,250	—	—	—	—	2	3	23	24	12	18	9	5	1	(³)	—	—	—	—	—	—	—
Goods-producing industries	209	39.9	1,134	1,089	1,019	—	1,250	—	—	—	—	2	2	6	46	9	17	13	6	—	—	—	—	—	—	—	—	—
Manufacturing	179	39.9	1,152	1,121	1,019	—	1,295	—	—	—	—	2	2	1	42	11	20	15	7	—	—	—	—	—	—	—	—	—
Service-producing industries	392	38.6	1,108	1,071	962	—	1,288	—	—	—	—	2	4	33	13	14	18	8	5	2	1	—	—	—	—	—	—	—
State and local government	63	37.3	903	869	869	—	950	—	—	—	—	6	57	24	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Level V	81	39.3	1,424	1,472	1,266	—	1,615	—	—	—	—	—	—	6	4	2	22	7	15	17	21	5	—	—	—	—	—	—
Private industry	66	39.8	1,486	—	—	—	—	—	—	—	—	—	—	—	3	2	15	9	18	21	26	6	—	—	—	—	—	—
Goods-producing industries	57	40.0	1,505	—	—	—	—	—	—	—	—	—	—	—	4	2	11	11	14	25	28	7	—	—	—	—	—	—
Manufacturing	57	40.0	1,505	—	—	—	—	—	—	—	—	—	—	—	4	2	11	11	14	25	28	7	—	—	—	—	—	—
State and local government	15	37.3	1,151	1,211	980	—	1,282	—	—	—	—	—	—	33	7	7	53	—	—	—	—	—	—	—	—	—	—	—
Accountants, Public																												
Level I	250	39.7	566	615	485	—	648	—	30	18	52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	250	39.7	566	615	485	—	648	—	30	18	52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	250	39.7	566	615	485	—	648	—	30	18	52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	411	39.8	686	692	673	—	731	—	—	7	50	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	411	39.8	686	692	673	—	731	—	—	7	50	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	411	39.8	686	692	673	—	731	—	—	7	50	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	273	39.4	825	817	805	—	850	—	—	—	4	16	63	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	273	39.4	825	817	805	—	850	—	—	—	4	16	63	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	273	39.4	825	817	805	—	850	—	—	—	4	16	63	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level IV	194	39.9	1,028	1,019	933	—	1,150	—	—	—	—	1	13	31	23	15	15	—	—	—	—	—	—	—	—	—	—	—
Private industry	194	39.9	1,028	1,019	933	—	1,150	—	—	—	—	1	13	31	23	15	15	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	194	39.9	1,028	1,019	933	—	1,150	—	—	—	—	1	13	31	23	15	15	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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	300 and under 400	400 - 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
Attorneys																										
Level I	116	35.9	\$644	\$606	\$568 – \$698	–	–	48	34	8	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
State and local government	116	35.9	644	606	568 – 698	–	–	48	34	8	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level II	96	36.5	901	818	801 – 911	–	–	–	–	23	52	6	2	2	5	5	4	–	–	–	–	–	–	–	–	–
State and local government	85	36.4	852	813	801 – 851	–	–	–	–	25	58	7	2	2	6	–	–	–	–	–	–	–	–	–	–	–
Level III:																										
State and local government	75	37.4	1,088	1,080	1,011 – 1,162	–	–	–	–	–	–	23	28	37	11	1	–	–	–	–	–	–	–	–	–	–
Level IV	210	38.7	1,560	1,592	1,461 – 1,635	–	–	–	–	–	–	–	(³)	2	1	13	21	32	11	11	4	1	2	(³)	–	–
Private industry	166	39.0	1,598	1,596	1,490 – 1,658	–	–	–	–	–	–	–	–	1	1	13	11	39	12	14	5	2	2	1	–	–
Service-producing industries	137	38.8	1,580	1,592	1,490 – 1,597	–	–	–	–	–	–	–	–	1	1	16	14	44	9	4	6	2	3	1	–	–
State and local government	44	37.5	1,417	1,438	1,368 – 1,497	–	–	–	–	–	–	–	2	9	5	11	59	7	7	–	–	–	–	–	–	–
Engineers																										
Level I	787	39.9	664	685	582 – 721	–	8	21	34	32	4	(³)	(³)	–	–	–	–	–	–	–	–	–	–	–	–	–
Private industry	772	40.0	665	685	584 – 723	–	8	21	34	33	4	(³)	(³)	–	–	–	–	–	–	–	–	–	–	–	–	–
Goods-producing industries	472	40.0	704	692	685 – 740	–	–	7	45	42	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	462	40.0	707	692	685 – 740	–	–	5	46	43	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level II	1,291	39.6	812	798	735 – 871	–	–	–	11	39	32	12	3	1	(³)	–	–	–	–	–	–	–	–	–	–	–
Private industry	1,131	39.9	819	807	735 – 875	–	–	–	8	40	34	13	3	2	1	–	–	–	–	–	–	–	–	–	–	–
Goods-producing industries	941	39.8	832	817	759 – 879	–	–	–	3	39	37	14	3	2	1	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	911	39.8	833	819	762 – 882	–	–	–	3	39	38	15	3	2	1	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	190	40.0	757	735	686 – 810	–	–	–	32	43	15	9	2	–	–	–	–	–	–	–	–	–	–	–	–	–
State and local government	160	38.2	758	759	695 – 810	–	–	–	35	33	24	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Level III	3,451	39.9	1,023	1,003	891 – 1,138	–	–	–	2	8	18	22	21	12	9	5	4	(³)	–	–	–	–	–	–	–	–
Private industry	3,255	39.9	1,031	1,009	895 – 1,149	–	–	–	2	8	16	21	22	13	9	5	4	(³)	–	–	–	–	–	–	–	–
Goods-producing industries	2,785	39.9	1,043	1,020	903 – 1,165	–	–	–	2	7	14	22	20	14	10	6	5	(³)	–	–	–	–	–	–	–	–
Manufacturing	2,755	39.9	1,043	1,019	902 – 1,166	–	–	–	2	8	14	22	20	14	10	6	5	(³)	–	–	–	–	–	–	–	–
Service-producing industries	470	40.0	960	923	871 – 1,060	–	–	–	1	9	29	18	30	7	6	(³)	–	–	–	–	–	–	–	–	–	–
State and local government	196	38.2	892	866	827 – 949	–	–	–	–	11	46	32	8	3	1	–	–	–	–	–	–	–	–	–	–	–
Level IV	3,302	39.8	1,210	1,192	1,060 – 1,338	–	–	–	–	(³)	3	11	20	18	17	17	9	4	1	(³)	–	2	–	–	–	–
Private industry	3,114	39.9	1,218	1,208	1,072 – 1,344	–	–	–	–	(³)	3	10	18	18	18	18	9	4	1	(³)	–	2	–	–	–	–
Goods-producing industries	2,423	39.9	1,212	1,206	1,058 – 1,342	–	–	–	–	–	4	11	19	16	17	20	7	4	(³)	(³)	–	2	–	–	–	–
Manufacturing	2,393	39.9	1,213	1,207	1,054 – 1,342	–	–	–	–	–	4	11	19	15	18	20	7	4	(³)	(³)	–	2	–	–	–	–
Service-producing industries	691	40.0	1,241	1,217	1,154 – 1,369	–	–	–	–	(³)	–	9	12	26	20	12	17	4	1	–	–	–	–	–	–	–
State and local government	188	38.2	1,064	1,049	1,049 – 1,084	–	–	–	–	–	2	18	57	15	5	1	2	–	–	–	–	–	–	–	–	–
Level V	1,918	39.9	1,455	1,452	1,309 – 1,615	–	–	–	–	–	–	4	11	10	17	16	15	14	11	2	1	(³)	–	–	–	–
Private industry	1,857	40.0	1,462	1,468	1,327 – 1,620	–	–	–	–	–	–	4	9	9	17	17	16	14	11	2	1	(³)	–	–	–	–
Goods-producing industries	1,574	40.0	1,501	1,501	1,378 – 1,644	–	–	–	–	–	–	–	1	7	6	19	17	18	16	13	2	1	(³)	–	–	–
Manufacturing	1,544	40.0	1,504	1,508	1,378 – 1,647	–	–	–	–	–	–	–	1	7	5	19	17	18	16	14	2	1	(³)	–	–	–
Service-producing industries	283	40.0	1,245	1,204	1,104 – 1,363	–	–	–	–	–	–	–	22	23	23	8	15	5	5	–	–	–	–	–	–	–
Level VI:																										
Private industry:																										
Goods-producing industries	632	40.0	1,773	1,821	1,463 – 1,986	–	–	–	–	–	–	–	–	(³)	9	8	9	3	9	9	16	13	15	7	1	1
Manufacturing	632	40.0	1,773	1,821	1,463 – 1,986	–	–	–	–	–	–	–	–	(³)	9	8	9	3	9	9	16	13	15	7	1	1

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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		300 and under 400	400 - 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	
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts																												
Level II	158	38.4	\$646	\$636	\$577	—	\$737	—	4	35	32	23	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	111	39.2	669	686	585	—	737	—	5	27	28	32	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	67	38.7	646	—	—	—	—	—	9	30	31	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	47	36.6	592	579	505	—	664	—	—	53	40	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	59	37.3	839	—	—	—	—	—	—	—	15	20	39	2	24	—	—	—	—	—	—	—	—	—	—	—	—	—
Level IV:																												
State and local government	34	37.9	985	1,007	921	—	1,049	—	—	—	—	3	—	47	50	—	—	—	—	—	—	—	—	—	—	—	—	—
Buyers/Contracting Specialists																												
Level I	121	38.8	560	548	506	—	592	—	17	65	10	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	116	38.8	557	548	506	—	592	—	17	67	7	8	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	56	40.0	572	—	—	—	—	—	36	45	2	16	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	60	37.7	544	—	—	—	—	—	—	88	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	691	39.1	682	673	596	—	766	—	—	28	35	21	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	611	39.4	673	673	596	—	721	—	—	30	38	16	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	289	39.8	711	691	660	—	773	—	—	18	35	22	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	279	39.7	709	691	660	—	800	—	—	19	36	20	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	322	39.1	639	613	574	—	680	—	—	41	41	10	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	80	36.3	747	784	714	—	784	—	—	10	13	61	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	249	39.2	907	916	827	—	998	—	—	—	4	12	24	35	20	5	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	221	39.5	916	916	836	—	1,035	—	—	—	4	11	21	37	22	5	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	170	39.3	953	942	916	—	1,035	—	—	—	—	7	10	48	29	6	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	170	39.3	953	942	916	—	1,035	—	—	—	—	7	10	48	29	6	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	28	36.9	833	864	781	—	885	—	—	—	11	21	46	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer Programmers																												
Level I	351	39.0	569	538	524	—	620	—	9	52	38	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	341	39.0	568	538	519	—	620	—	9	52	38	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	332	39.0	568	538	526	—	620	—	9	52	39	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	670	39.0	645	654	583	—	685	—	2	32	45	15	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	645	39.0	644	654	583	—	685	—	2	33	44	15	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	594	38.9	636	635	583	—	673	—	3	35	46	13	2	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	25	38.3	662	—	—	—	—	—	—	12	52	32	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	1,328	39.0	788	769	723	—	846	—	(³)	2	16	41	28	9	(³)	3	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	1,292	39.1	787	769	722	—	846	—	(³)	2	16	41	29	9	(³)	3	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	83	39.6	832	771	771	—	910	—	—	—	5	59	11	19	1	5	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	77	39.6	840	—	—	—	—	—	—	—	—	64	12	18	1	5	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	1,209	39.1	784	769	717	—	846	—	(³)	2	17	40	30	8	(³)	2	—	—	—	—	—	—	—	—	—	—	—	—
Transportation and utilities	45	38.9	779	765	743	—	788	—	—	—	—	89	9	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	36	36.9	802	798	759	—	879	—	—	—	6	58	17	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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	300 and under 400	400 - 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					
Level IV	729	39.8	\$983	\$973	\$865 - \$1,083	-	-	-	1	8	22	24	24	13	6	2	-	-	-	-	-	-	-	-	-	-	-				
Private industry	699	39.9	988	979	870 - 1,087	-	-	-	-	7	23	23	25	13	6	2	-	-	-	-	-	-	-	-	-	-	-				
Service-producing industries	697	39.9	988	977	870 - 1,087	-	-	-	-	7	23	24	25	13	6	2	-	-	-	-	-	-	-	-	-	-	-				
Computer Systems Analysts																															
Level I	438	39.2	828	801	740 - 899	-	-	2	10	38	27	11	8	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-				
Private industry	402	39.2	835	804	747 - 902	-	-	2	7	38	27	12	8	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-				
Service-producing industries	334	39.1	835	798	738 - 904	-	-	2	9	40	23	12	8	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-				
State and local government	36	38.5	749	-	- - -	-	-	-	33	39	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Level II	1,645	38.9	990	990	921 - 1,064	-	-	(³)	(³)	6	14	32	33	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-				
Private industry	1,579	39.0	992	990	920 - 1,064	-	-	(³)	(³)	6	14	31	33	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-				
Goods-producing industries	410	39.8	1,001	1,002	925 - 1,079	-	-	(³)	(³)	6	6	37	32	15	2	1	-	-	-	-	-	-	-	-	-	-	-				
Manufacturing	406	39.8	1,003	1,010	925 - 1,079	-	-	(³)	(³)	5	6	38	33	15	2	1	-	-	-	-	-	-	-	-	-	-	-				
Service-producing industries	1,169	38.7	988	990	907 - 1,058	-	-	-	(³)	6	17	29	33	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-				
State and local government	66	37.1	956	921	921 - 1,011	-	-	-	-	3	15	48	32	2	-	-	-	-	-	-	-	-	-	-	-	-	-				
Level III	1,497	39.3	1,109	1,112	1,015 - 1,208	-	-	-	-	1	5	13	28	26	20	6	(³)	-	-	-	-	-	-	-	-	-	-				
Private industry	1,445	39.4	1,111	1,115	1,015 - 1,212	-	-	-	-	1	5	14	26	27	21	6	(³)	-	-	-	-	-	-	-	-	-	-				
Goods-producing industries	381	39.9	1,116	1,119	1,054 - 1,212	-	-	-	-	1	4	11	26	29	23	6	-	-	-	-	-	-	-	-	-	-	-				
Manufacturing	381	39.9	1,116	1,119	1,054 - 1,212	-	-	-	-	1	4	11	26	29	23	6	-	-	-	-	-	-	-	-	-	-	-				
Service-producing industries	1,064	39.2	1,110	1,112	1,007 - 1,211	-	-	-	-	1	5	15	26	26	20	7	(³)	-	-	-	-	-	-	-	-	-	-				
State and local government	52	37.2	1,048	1,049	1,049 - 1,049	-	-	-	-	2	10	6	67	4	12	-	-	-	-	-	-	-	-	-	-	-	-				
Computer Systems Analyst Supervisors/Managers																															
Level I	185	39.5	1,250	1,235	1,137 - 1,336	-	-	-	-	-	1	-	9	28	28	14	16	2	2	-	-	-	-	-	-	-	-				
Private industry	162	39.9	1,252	1,235	1,140 - 1,360	-	-	-	-	-	1	-	10	25	31	9	18	2	2	-	-	-	-	-	-	-	-				
State and local government	23	36.5	1,236	1,200	1,133 - 1,336	-	-	-	-	-	-	-	-	52	-	48	-	-	-	-	-	-	-	-	-	-	-				
Level II	418	39.1	1,411	1,380	1,306 - 1,490	-	-	-	-	-	-	2	4	17	37	17	9	10	1	1	1	1	-	-	-	-					
Private industry	418	39.1	1,411	1,380	1,306 - 1,490	-	-	-	-	-	-	2	4	17	37	17	9	10	1	1	1	1	-	-	-	-					
Goods-producing industries	76	39.9	1,469	-	- - -	-	-	-	-	-	-	1	1	13	45	7	1	11	5	5	5	5	-	-	-	-					
Manufacturing	76	39.9	1,469	-	- - -	-	-	-	-	-	-	1	1	13	45	7	1	11	5	5	5	5	-	-	-	-					
Service-producing industries	342	39.0	1,397	1,385	1,300 - 1,490	-	-	-	-	-	-	2	4	18	35	20	11	10	-	-	-	-	-	-	-	-					
Personnel Specialists																															
Level II	756	39.0	638	630	577 - 692	-	4	33	40	17	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Private industry	696	39.1	629	624	573 - 681	-	4	35	40	17	3	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Goods-producing industries	137	39.2	687	712	645 - 712	-	3	18	29	34	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Manufacturing	135	39.2	690	712	646 - 712	-	3	16	30	34	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Service-producing industries	559	39.1	615	606	567 - 643	-	5	40	43	13	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transportation and utilities	31	37.1	685	-	- - -	-	-	6	39	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
State and local government	60	37.5	744	729	687 - 847	-	2	5	38	15	37	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Level III	947	38.4	806	796	731 - 887	-	-	1	19	31	27	18	4	(³)	-	-	-	-	-	-	-	-	-	-	-	-					
Private industry	830	38.7	806	796	731 - 887	-	-	(³)	19	31	27	17	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-					
Goods-producing industries	214	39.7	796	751	693 - 885	-	-	(³)	25	28	22	20	3	2	-	-	-	-	-	-	-	-	-	-	-	-					
Manufacturing	204	39.7	792	740	690 - 903	-	-	(³)	26	29	19	21	3	2	-	-	-	-	-	-	-	-	-	-	-	-					
Service-producing industries	616	38.4	810	800	731 - 887	-	-	-	18	32	29	16	5	-	-	-	-	-	-	-	-	-	-	-	-	-					
State and local government	117	36.3	802	810	735 - 883	-	-	3	15	31	26	24	1	-	-	-	-	-	-	-	-	-	-	-	-	-					

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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	300 and under 400	400 - 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
Level IV	471	38.9	\$1,036	\$1,029	\$933 - \$1,143	-	-	-	-	5	13	17	30	24	7	3	-	-	-	-	-	-	-	-	-	-
Private industry	426	39.1	1,033	1,029	904 - 1,143	-	-	-	-	6	15	17	28	24	7	3	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	91	39.9	1,125	1,192	992 - 1,192	-	-	-	-	-	-	30	5	56	4	4	-	-	-	-	-	-	-	-	-	-
Manufacturing	91	39.9	1,125	1,192	992 - 1,192	-	-	-	-	-	-	30	5	56	4	4	-	-	-	-	-	-	-	-	-	-
Service-producing industries	335	38.9	1,008	1,019	889 - 1,101	-	-	-	-	7	19	14	34	16	7	3	-	-	-	-	-	-	-	-	-	-
State and local government	45	37.6	1,060	1,049	1,031 - 1,107	-	-	-	-	-	-	18	51	22	9	-	-	-	-	-	-	-	-	-	-	-
Level V	201	39.8	1,369	1,332	1,246 - 1,557	-	-	-	-	-	-	8	3	7	21	21	14	1	18	-	6	-	-	-	-	-
Private industry	197	39.8	1,369	1,337	1,246 - 1,557	-	-	-	-	-	-	9	3	6	21	21	15	1	19	-	6	-	-	-	-	-
Goods-producing industries	101	39.9	1,388	1,312	1,236 - 1,644	-	-	-	-	-	-	8	-	9	32	17	5	1	17	-	12	-	-	-	-	-
Manufacturing	91	39.8	1,355	1,280	1,236 - 1,462	-	-	-	-	-	-	9	-	10	35	19	5	1	8	-	13	-	-	-	-	-
Service-producing industries	96	39.8	1,350	1,337	1,260 - 1,464	-	-	-	-	-	-	9	6	3	10	25	25	-	21	-	-	-	-	-	-	-
Tax Collectors																										
Level II	196	37.5	571	533	533 - 533	-	1	81	4	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	196	37.5	571	533	533 - 533	-	1	81	4	11	2	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-2. All establishments: Weekly hours and pay of technical and protective service occupations, Philadelphia, PA-NJ, November 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		300 and under 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	950 - 1000	1000 - 1100	1100 - 1200				
TECHNICAL OCCUPATIONS																															
Computer Operators																															
Level II	753	38.6	\$457	\$448	\$419 -	\$520	1	3	10	5	25	7	5	13	11	11	8	1	-	-	-	-	-	-	-	-	-	-			
Private industry	675	38.9	450	425	400 -	501	1	3	12	5	28	8	5	13	6	12	7	1	-	-	-	-	-	-	-	-	-	-			
Goods-producing industries	108	39.7	477	437	422 -	544	-	-	-	-	50	-	4	11	-	11	20	4	-	-	-	-	-	-	-	-	-	-			
Manufacturing	104	39.7	478	422	422 -	549	-	-	-	-	52	-	-	12	-	12	21	4	-	-	-	-	-	-	-	-	-	-			
Service-producing industries	567	38.8	445	425	400 -	497	1	4	14	6	23	10	6	13	7	12	5	-	-	-	-	-	-	-	-	-	-	-			
State and local government	78	35.9	520	520	515 -	520	-	-	-	1	4	-	3	13	56	3	17	4	-	-	-	-	-	-	-	-	-	-			
Level III	429	38.1	613	615	560 -	656	-	-	-	-	1	-	1	4	3	5	27	27	23	7	2	-	-	-	-	-	-	-			
Private industry	344	38.7	614	615	581 -	652	-	-	-	-	1	-	1	5	-	6	27	34	16	9	2	-	-	-	-	-	-	-			
Goods-producing industries	53	39.1	640	-	-	-	-	-	-	-	-	-	4	-	-	-	13	40	30	-	13	-	-	-	-	-	-	-			
Manufacturing	53	39.1	640	-	-	-	-	-	-	-	-	-	4	-	-	-	13	40	30	-	13	-	-	-	-	-	-	-			
Service-producing industries	291	38.6	609	615	558 -	648	-	-	-	-	1	-	-	5	-	7	30	33	13	11	(³)	-	-	-	-	-	-	-			
State and local government	85	36.0	608	667	551 -	667	-	-	-	-	-	-	5	-	14	4	25	-	53	-	-	-	-	-	-	-	-	-			
Drafters																															
Level II	213	39.8	575	580	529 -	620	-	-	-	-	-	6	7	2	1	17	34	20	6	8	-	-	-	-	-	-	-	-			
Private industry	212	39.8	575	580	529 -	620	-	-	-	-	-	6	7	2	1	17	34	20	6	8	-	-	-	-	-	-	-	-			
Level III	361	39.8	647	652	600 -	702	-	-	-	-	-	-	-	2	2	2	17	24	21	32	-	-	-	(³)	-	-	-	-			
Private industry	350	40.0	648	652	600 -	702	-	-	-	-	-	-	-	2	2	2	16	24	21	33	-	-	-	(³)	-	-	-	-			
Goods-producing industries	329	40.0	647	652	600 -	702	-	-	-	-	-	-	-	2	2	2	17	23	21	33	-	-	-	-	-	-	-	-			
Manufacturing	329	40.0	647	652	600 -	702	-	-	-	-	-	-	-	2	2	2	17	23	21	33	-	-	-	-	-	-	-	-			
State and local government	11	35.0	607	-	-	-	-	-	-	-	-	-	-	9	-	-	36	27	27	-	-	-	-	-	-	-	-	-			
Level IV	78	40.0	890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	3	21	5	36	8	15	-				
Private industry	75	40.0	899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	3	21	5	37	8	16	-				
Goods-producing industries	71	40.0	907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	23	6	39	8	17	-	-				
Manufacturing	71	40.0	907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	23	6	39	8	17	-	-				
Engineering Technicians																															
Level III	315	39.9	679	686	558 -	831	-	-	-	-	-	-	-	7	14	3	10	13	14	4	8	14	13	2	-	-	-	-			
Private industry	305	40.0	680	686	558 -	831	-	-	-	-	-	-	-	7	14	3	10	12	15	4	7	14	13	2	-	-	-	-			
Goods-producing industries	181	40.0	778	792	686 -	852	-	-	-	-	-	-	-	-	1	-	-	7	25	7	12	24	23	3	-	-	-	-			
Manufacturing	181	40.0	778	792	686 -	852	-	-	-	-	-	-	-	-	1	-	-	7	25	7	12	24	23	3	-	-	-	-			
Level IV	561	40.0	787	785	713 -	837	-	-	-	-	-	-	-	-	-	-	1	12	7	21	14	22	3	14	5	2	(³)				
Private industry	554	40.0	786	784	713 -	837	-	-	-	-	-	-	-	-	-	-	1	12	7	20	14	22	3	14	5	2	(³)				
Goods-producing industries	322	39.9	806	800	743 -	901	-	-	-	-	-	-	-	-	-	-	-	1	7	27	17	17	4	23	3	1	-				
Manufacturing	322	39.9	806	800	743 -	901	-	-	-	-	-	-	-	-	-	-	-	1	7	27	17	17	4	23	3	1	-				
Service-producing industries	232	40.0	759	756	640 -	833	-	-	-	-	-	-	-	-	-	-	3	29	7	11	10	28	-	-	9	3	1				
Level V	491	40.0	934	946	866 -	963	-	-	-	-	-	-	-	-	-	-	-	-	1	5	11	7	7	22	29	10	10				
Private industry	486	40.0	935	946	866 -	963	-	-	-	-	-	-	-	-	-	-	-	-	1	5	11	6	7	22	29	10	10				
Goods-producing industries	148	40.0	918	904	891 -	963	-	-	-	-	-	-	-	-	-	-	-	-	12	2	3	8	30	32	9	3	3				
Manufacturing	148	40.0	918	904	891 -	963	-	-	-	-	-	-	-	-	-	-	-	-	12	2	3	8	30	32	9	3	3				

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Philadelphia, PA-NJ, November 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	300 and under 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	950 - 1000	1000 - 1100	1100 - 1200	
Engineering Technicians, Civil																											
Level I:																											
State and local government	55	37.6	\$478	\$485	\$472 - \$485	-	-	-	-	-	11	20	67	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	69	36.6	553	-	- - -	-	-	-	-	-	6	-	4	10	17	57	6	-	-	-	-	-	-	-	-	-	-
State and local government	67	36.5	554	564	539 - 590	-	-	-	-	-	6	-	4	7	18	58	6	-	-	-	-	-	-	-	-	-	-
Level III	168	37.6	599	608	577 - 642	-	-	-	-	-	-	1	17	3	1	20	45	13	1	-	-	-	-	-	-	-	-
State and local government	154	37.4	596	613	565 - 642	-	-	-	-	-	-	1	18	3	1	19	46	10	1	-	-	-	-	-	-	-	-
Level IV	71	38.6	738	-	- - -	-	-	-	-	-	-	-	-	-	-	-	1	10	34	52	3	-	-	-	-	-	-
State and local government	59	38.4	738	755	712 - 755	-	-	-	-	-	-	-	-	-	-	-	2	12	27	56	3	-	-	-	-	-	-
Level V	83	39.4	834	858	764 - 883	-	-	-	-	-	-	-	-	-	-	-	-	-	19	13	13	35	19	-	-	-	-
State and local government	27	38.1	880	891	812 - 936	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	26	19	44	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	4,000	40.0	653	577	561 - 803	-	-	-	-	-	2	3	2	10	6	39	4	5	3	1	7	3	15	-	-	-	-
State and local government	4,000	40.0	653	577	561 - 803	-	-	-	-	-	2	3	2	10	6	39	4	5	3	1	7	3	15	-	-	-	-
Firefighters:																											
State and local government	1,892	42.3	701	684	684 - 684	-	-	-	-	-	-	-	4	4	6	(³)	(³)	73	-	1	-	1	-	4	5	1	1
Police Officers																											
Level I	8,308	40.1	729	711	649 - 734	-	-	-	-	(³)	(³)	1	1	2	7	7	8	8	42	6	2	6	1	(³)	2	7	7
State and local government	8,248	40.1	729	711	649 - 734	-	-	-	-	(³)	(³)	1	1	2	7	8	8	8	42	6	2	6	1	(³)	2	7	7

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

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

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

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

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Philadelphia, PA-NJ, November 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		175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200		
Clerks, Accounting																													
Level I	180	39.0	\$336	\$330	\$317 - \$360	-	-	12	-	1	24	25	18	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	180	39.0	336	330	317 - 360	-	-	12	-	1	24	25	18	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	180	39.0	336	330	317 - 360	-	-	12	-	1	24	25	18	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	3,309	38.6	424	420	385 - 446	-	-	-	-	(³)	4	5	11	10	45	14	6	2	2	(³)	(³)	-	-	-	-	-	-	-	
Private industry	3,096	38.7	423	420	385 - 446	-	-	-	-	(³)	4	6	10	10	47	14	6	2	1	(³)	(³)	-	-	-	-	-	-	-	
Goods-producing industries	737	39.5	430	422	400 - 443	-	-	-	-	-	-	2	3	17	55	15	5	-	1	1	(³)	-	-	-	-	-	-	-	
Manufacturing	616	39.4	436	433	404 - 462	-	-	-	-	-	-	2	2	17	52	17	6	-	2	2	(³)	-	-	-	-	-	-	-	
Service-producing industries	2,359	38.4	420	420	376 - 446	-	-	-	-	(³)	5	7	13	7	44	14	6	2	1	(³)	-	-	-	-	-	-	-	-	
State and local government	213	36.9	441	442	387 - 473	-	-	-	-	-	-	2	14	20	25	21	9	6	3	-	-	-	-	-	-	-	-	-	
Level III	1,834	38.6	480	483	425 - 510	-	-	-	-	-	2	1	1	7	20	28	27	8	2	3	-	-	-	-	-	-	-	-	
Private industry	1,450	39.1	475	473	420 - 509	-	-	-	-	-	3	2	1	8	21	32	20	8	1	4	-	-	-	-	-	-	-	-	
Service-producing industries	976	38.8	459	467	425 - 500	-	-	-	-	-	4	3	2	8	18	40	22	3	-	-	-	-	-	-	-	-	-	-	
State and local government	384	36.6	497	500	473 - 528	-	-	-	-	-	-	-	-	1	17	16	55	6	5	-	-	-	-	-	-	-	-	-	
Level IV	215	39.3	606	621	589 - 644	-	-	-	-	-	-	-	-	-	-	3	16	25	53	2	-	1	-	-	-	-	-	-	
Private industry	188	39.8	617	621	596 - 644	-	-	-	-	-	-	-	-	-	-	4	7	25	60	3	-	2	-	-	-	-	-	-	
Goods-producing industries	138	40.0	629	644	621 - 644	-	-	-	-	-	-	-	-	-	-	-	-	18	82	-	-	-	-	-	-	-	-	-	
Manufacturing	138	40.0	629	644	621 - 644	-	-	-	-	-	-	-	-	-	-	-	-	18	82	-	-	-	-	-	-	-	-	-	
Service-producing industries	50	39.2	584	-	-	-	-	-	-	-	-	-	-	-	-	14	26	44	-	10	-	6	-	-	-	-	-	-	
State and local government	27	35.8	533	517	517 - 517	-	-	-	-	-	-	-	-	-	-	-	78	22	-	-	-	-	-	-	-	-	-	-	
Clerks, General																													
Level II	1,690	38.1	378	377	322 - 428	-	-	5	7	4	10	5	17	15	21	8	9	-	-	-	-	-	-	-	-	-	-	-	
Private industry	917	38.4	344	336	288 - 390	-	-	9	12	7	17	9	17	7	16	1	5	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	180	39.7	435	410	391 - 509	-	-	-	-	-	-	-	3	27	45	-	25	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	737	38.1	321	322	275 - 357	-	-	11	15	8	21	11	20	3	9	1	1	-	-	-	-	-	-	-	-	-	-	-	
State and local government	773	37.6	420	411	375 - 471	-	-	-	(³)	(³)	2	(³)	18	24	26	16	13	-	-	-	-	-	-	-	-	-	-	-	
Level III	2,523	37.5	419	417	365 - 459	-	-	-	-	(³)	15	5	5	12	34	19	3	3	2	2	-	-	-	-	-	-	-	-	
Private industry	1,607	38.0	395	394	340 - 439	-	-	-	-	-	23	6	7	15	29	17	1	-	2	-	-	-	-	-	-	-	-	-	
Goods-producing industries	209	39.9	444	439	406 - 462	-	-	-	-	-	-	6	12	2	40	30	-	-	10	-	-	-	-	-	-	-	-	-	
Manufacturing	189	39.8	423	435	404 - 462	-	-	-	-	-	-	6	13	3	44	33	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,398	37.7	388	385	320 - 425	-	-	-	-	-	26	6	7	17	27	15	2	-	1	-	-	-	-	-	-	-	-	-	
Transportation and utilities	175	40.0	402	408	314 - 452	-	-	-	-	-	30	2	-	15	18	31	-	-	5	-	-	-	-	-	-	-	-	-	
State and local government	916	36.6	462	447	409 - 477	-	-	-	-	(³)	1	4	1	7	43	21	7	7	2	6	-	-	-	-	-	-	-	-	
Level IV:																													
Private industry	678	38.3	498	485	404 - 594	-	-	-	-	-	-	12	3	3	22	12	15	10	21	2	-	1	-	-	-	-	-	-	
Service-producing industries	591	38.1	486	470	403 - 594	-	-	-	-	-	-	14	3	3	25	13	15	4	23	-	-	-	-	-	-	-	-	-	
Clerks, Order																													
Level I:																													
Private industry:																													
Goods-producing industries	294	39.2	424	437	413 - 450	-	-	-	-	-	-	1	22	-	48	28	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	294	39.2	424	437	413 - 450	-	-	-	-	-	-	1	22	-	48	28	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Philadelphia, PA-NJ, November 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		175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	
Key Entry Operators																												
Level I	1,261	38.8	\$369	\$360	\$320	—	\$416	—	—	—	1	7	22	19	5	10	30	7	(³)	—	(³)	—	—	—	—	—	—	—
Private industry	1,231	38.9	367	356	320	—	416	—	—	—	1	7	22	19	5	10	30	5	(³)	—	(³)	—	—	—	—	—	—	—
Goods-producing industries	148	39.6	376	390	328	—	405	—	—	—	—	—	22	11	—	23	44	—	—	1	—	—	—	—	—	—	—	
Manufacturing	148	39.6	376	390	328	—	405	—	—	—	—	—	22	11	—	23	44	—	—	1	—	—	—	—	—	—	—	
Service-producing industries	1,083	38.8	366	345	316	—	416	—	—	—	1	8	22	20	6	8	29	6	(³)	—	—	—	—	—	—	—	—	
State and local government	30	35.7	453	—	—	—	—	—	—	—	3	3	10	—	—	—	10	63	10	—	—	—	—	—	—	—	—	
Level II	688	38.5	446	443	400	—	489	—	—	—	—	—	(³)	3	9	9	31	30	14	2	1	—	—	—	—	—	—	
Private industry	661	38.6	442	435	400	—	488	—	—	—	—	—	(³)	3	10	10	33	30	13	2	—	—	—	—	—	—	—	
State and local government	27	35.7	532	539	467	—	603	—	—	—	—	—	—	—	—	—	33	30	11	26	—	—	—	—	—	—	—	
Personnel Assistants (Employment)																												
Level II:																												
Private industry	54	37.4	442	—	—	—	—	—	—	—	—	—	—	22	—	—	28	37	6	7	—	—	—	—	—	—	—	
State and local government	91	36.9	476	500	387	—	546	—	—	—	—	—	—	—	2	23	13	5	54	2	—	—	—	—	—	—	—	
Level III	124	37.9	552	528	497	—	592	—	—	—	—	—	—	—	—	—	6	19	39	14	9	6	7	—	—	—	—	
Private industry	78	39.3	524	—	—	—	—	—	—	—	—	—	—	—	—	—	8	28	49	—	8	6	1	—	—	—	—	
State and local government	46	35.5	600	592	538	—	649	—	—	—	—	—	—	—	—	—	2	4	22	37	11	7	17	—	—	—	—	
Secretaries																												
Level I:																												
Private industry	326	38.3	435	431	379	—	481	—	—	—	—	—	3	2	6	21	30	29	5	3	—	2	—	—	—	—	—	
Goods-producing industries	101	40.0	400	379	378	—	431	—	—	—	—	—	—	—	4	53	35	8	—	—	—	—	—	—	—	—	—	
Service-producing industries	225	37.5	451	452	404	—	492	—	—	—	—	—	4	3	6	7	28	39	7	4	—	2	—	—	—	—	—	
State and local government	167	39.0	491	523	523	—	523	—	—	—	—	—	19	—	—	1	1	1	68	2	10	—	—	—	—	—	—	
Level II	3,193	38.1	472	474	425	—	522	—	—	—	—	—	3	5	6	4	20	27	19	13	3	(³)	(³)	(³)	(³)	—	—	
Private industry	2,857	38.2	470	474	423	—	522	—	—	—	—	—	3	5	7	4	18	28	21	12	2	(³)	(³)	(³)	(³)	—	—	
Goods-producing industries	279	39.7	540	558	496	—	579	—	—	—	—	—	—	—	—	—	10	18	19	41	9	2	(³)	1	(³)	—		
Manufacturing	255	39.7	546	561	504	—	579	—	—	—	—	—	—	—	—	—	9	15	18	45	9	2	(³)	1	(³)	—		
Service-producing industries	2,578	38.0	462	471	417	—	511	—	—	—	—	3	5	7	4	18	29	21	9	2	—	—	—	—	—	—		
State and local government	336	37.5	492	469	435	—	555	—	—	—	—	—	—	2	—	—	42	21	8	18	4	—	4	—	—	—		
Level III	4,788	38.2	564	561	510	—	615	—	—	—	—	—	—	—	1	1	4	15	22	25	20	8	3	1	(³)	(³)	—	
Private industry	3,656	38.7	560	560	508	—	614	—	—	—	—	—	—	—	1	1	5	14	25	24	17	9	3	1	(³)	(³)	—	
Goods-producing industries	568	39.9	592	576	521	—	649	—	—	—	—	—	—	—	—	—	3	8	25	20	19	9	11	4	(³)	—		
Manufacturing	566	39.9	592	576	521	—	649	—	—	—	—	—	—	—	—	—	3	8	25	20	19	9	11	4	(³)	—		
Service-producing industries	3,088	38.4	554	558	502	—	600	—	—	—	—	—	—	—	2	1	5	15	25	25	16	9	1	1	(³)	(³)	—	
Transportation and utilities	53	37.7	538	523	515	—	562	—	—	—	—	—	—	—	—	—	23	—	45	15	6	6	2	4	—	—		
State and local government	1,132	36.5	575	587	525	—	627	—	—	—	—	—	—	—	—	—	2	20	12	27	30	6	3	(³)	—	—		
Level IV	1,687	38.9	661	637	594	—	721	—	—	—	—	—	—	—	—	—	(³)	(³)	9	19	26	19	7	13	7	(³)	(³)	—
Private industry	1,407	39.5	665	636	596	—	733	—	—	—	—	—	—	—	—	—	(³)	(³)	10	17	27	16	8	14	8	(³)	(³)	—
Service-producing industries	668	38.9	693	688	617	—	800	—	—	—	—	—	—	—	—	—	(³)	(³)	10	3	28	17	7	27	8	(³)	—	
State and local government	280	36.3	638	649	555	—	682	—	—	—	—	—	—	—	—	—	—	1	4	29	19	35	3	6	4	—	—	
Level V	347	38.9	744	735	671	—	812	—	—	—	—	—	—	—	—	—	—	—	10	8	24	14	14	21	7	1	(³)	
Private industry	332	38.9	743	731	671	—	812	—	—	—	—	—	—	—	—	—	—	—	11	8	26	11	15	21	7	1	(³)	
Service-producing industries	211	38.4	779	769	713	—	870	—	—	—	—	—	—	—	—	—	—	—	9	—	15	16	21	27	10	1	—	

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Philadelphia, PA-NJ, November 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	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200
Switchboard Operator-Receptionists	2,012	39.0	\$396	\$408	\$346 - \$439	2	2	-	1	4	5	12	9	12	33	12	8	(³)	(³)	-	-	-	-	-	-	-
Private industry	1,842	39.1	394	400	346 - 437	2	2	-	1	4	4	13	8	13	32	13	7	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	430	39.8	409	420	375 - 437	-	-	-	-	1	6	11	7	8	44	17	7	-	-	-	-	-	-	-	-	-
Manufacturing	406	39.8	410	420	375 - 458	-	-	-	-	-	5	12	7	8	43	17	8	-	-	-	-	-	-	-	-	-
Service-producing industries	1,412	38.9	389	393	342 - 435	3	3	-	1	6	3	14	9	14	28	12	6	1	(³)	-	-	-	-	-	-	-
Transportation and utilities	68	40.4	370	384	349 - 397	-	-	-	-	24	-	1	24	29	12	10	-	-	-	-	-	-	-	-	-	-
State and local government	170	37.6	423	434	362 - 507	-	-	-	-	1	15	-	12	2	44	1	25	-	-	-	-	-	-	-	-	-
Word Processors																										
Level I	201	38.5	415	425	380 - 462	-	-	-	2	-	-	-	21	14	31	32	-	-	-	-	-	-	-	-	-	-
Private industry	198	38.5	414	425	380 - 462	-	-	-	2	-	-	-	21	14	31	31	-	-	-	-	-	-	-	-	-	-
Service-producing industries	198	38.5	414	425	380 - 462	-	-	-	2	-	-	-	21	14	31	31	-	-	-	-	-	-	-	-	-	-
Level II	404	37.4	464	447	422 - 491	-	-	-	-	-	-	(³)	2	57	16	15	7	2	-	-	-	-	-	-	-	-
Private industry	212	37.4	474	468	423 - 539	-	-	-	-	-	-	(³)	1	42	24	24	8	1	-	-	-	-	-	-	-	-
Service-producing industries	211	37.3	473	468	423 - 539	-	-	-	-	-	-	(³)	1	42	24	24	8	(³)	-	-	-	-	-	-	-	-
State and local government	192	37.3	454	447	414 - 450	-	-	-	-	-	-	-	4	74	7	6	5	4	-	-	-	-	-	-	-	-
Level III	355	36.7	555	485	472 - 635	-	-	-	-	-	-	-	-	2	5	48	5	2	20	3	12	5	-	-	-	-
State and local government	169	37.5	479	485	472 - 485	-	-	-	-	-	-	-	-	-	2	96	1	-	1	-	-	-	-	-	-	-

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

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

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

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

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Philadelphia, PA-NJ, November 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	7.00 and under 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 - 23.00	23.00 - 24.00	24.00 and over	
General Maintenance Workers	1,689	\$11.78	\$11.54	\$10.33 – \$13.59	2	—	4	4	8	5	6	12	10	6	12	13	9	9	(²)	(²)	—	—	—	—	—	—	—	—
Private industry	1,502	11.51	11.25	10.15 – 13.13	2	—	4	4	9	5	7	13	11	6	10	15	4	8	(²)	1	—	—	—	—	—	—	—	—
Goods-producing industries	265	13.00	12.50	12.48 – 14.19	—	—	—	—	—	6	—	1	6	9	31	16	17	11	2	—	—	—	—	—	—	—	—	—
Manufacturing	255	13.07	12.50	12.48 – 14.19	—	—	—	—	—	6	—	1	2	9	33	16	18	12	2	—	—	—	—	—	—	—	—	—
Service-producing industries	1,237	11.19	10.93	9.50 – 12.62	3	—	5	5	10	5	8	15	12	6	6	15	1	7	—	1	—	—	—	—	—	—	—	—
State and local government	187	13.92	14.18	12.92 – 14.43	—	—	—	1	1	1	1	2	1	1	22	1	48	24	—	—	—	—	—	—	—	—	—	—
Maintenance Electricians	1,514	17.75	17.86	16.22 – 19.58	—	—	—	—	—	—	—	(²)	(²)	—	2	8	4	9	14	17	18	13	6	3	6	—	1	
Private industry	1,125	17.70	17.55	16.22 – 18.62	—	—	—	—	—	—	—	—	—	—	2	10	2	8	18	20	18	2	9	3	8	—	1	
Goods-producing industries	586	17.72	18.00	16.42 – 18.96	—	—	—	—	—	—	—	—	—	—	1	15	2	—	21	11	26	2	15	3	4	—	—	
Manufacturing	586	17.72	18.00	16.42 – 18.96	—	—	—	—	—	—	—	—	—	—	1	15	2	—	21	11	26	2	15	3	4	—	—	
Service-producing industries	539	17.67	17.44	15.83 – 18.25	—	—	—	—	—	—	—	—	—	—	3	4	2	17	14	30	10	1	2	3	12	—	2	
State and local government	389	17.90	18.20	15.89 – 19.58	—	—	—	—	—	—	—	(²)	1	—	(²)	2	10	14	5	7	15	47	—	1	—	—	—	
Maintenance Electronics Technicians																												
Level II	2,652	18.65	19.95	16.04 – 21.15	—	—	—	—	—	—	—	(²)	—	1	6	5	8	5	7	6	9	5	5	26	16	(²)	—	
Private industry	2,471	18.76	20.81	16.04 – 21.15	—	—	—	—	—	—	—	(²)	—	1	6	6	7	4	8	6	5	6	5	28	17	(²)	—	
Goods-producing industries	292	17.31	19.95	14.00 – 20.86	—	—	—	—	—	—	—	1	—	2	11	10	17	—	1	8	—	17	33	—	—	—	—	
Manufacturing	292	17.31	19.95	14.00 – 20.86	—	—	—	—	—	—	—	1	—	2	11	10	17	—	1	8	—	17	33	—	—	—	—	
Service-producing industries	2,179	18.95	21.15	16.23 – 21.15	—	—	—	—	—	—	—	—	—	1	5	5	6	5	9	6	6	4	2	32	20	(²)	—	
State and local government	181	17.14	18.20	17.11 – 18.20	—	—	—	—	—	—	—	—	—	—	6	1	10	7	1	13	63	—	—	—	—	—	—	
Level III	819	19.08	18.97	17.69 – 20.41	—	—	—	—	—	—	—	—	—	—	—	4	2	5	9	6	28	14	14	5	4	4	5	
State and local government	259	18.07	18.50	16.52 – 18.97	—	—	—	—	—	—	—	—	—	—	—	—	2	4	20	5	59	8	(²)	—	—	—	—	
Maintenance Machinists	906	18.57	18.30	17.02 – 20.86	—	—	—	—	—	—	—	—	—	—	(²)	2	14	1	7	11	17	1	35	11	—	—	—	
Private industry	833	18.64	20.20	17.02 – 20.86	—	—	—	—	—	—	—	—	—	—	(²)	1	14	1	7	12	13	—	38	12	—	—	—	
Goods-producing industries	825	18.67	20.20	17.02 – 20.86	—	—	—	—	—	—	—	—	—	—	(²)	1	15	—	7	12	13	—	38	13	—	—	—	
Manufacturing	825	18.67	20.20	17.02 – 20.86	—	—	—	—	—	—	—	—	—	—	(²)	1	15	—	7	12	13	—	38	13	—	—	—	
State and local government	73	17.77	18.20	18.20 – 18.20	—	—	—	—	—	—	—	—	—	—	—	3	15	—	1	1	63	16	—	—	—	—	—	
Maintenance Mechanics, Machinery	2,393	16.92	16.58	15.10 – 18.38	—	—	—	—	—	(²)	1	(²)	(²)	1	7	4	8	7	29	12	14	1	7	(²)	9	1	—	
Private industry	2,266	16.99	16.70	15.41 – 18.38	—	—	—	—	—	(²)	1	(²)	(²)	1	8	4	5	7	30	12	13	1	7	(²)	9	1	—	
Goods-producing industries	1,983	17.04	16.70	16.22 – 18.38	—	—	—	—	—	(²)	1	(²)	(²)	1	9	3	6	3	33	11	13	1	8	(²)	9	1	—	
Manufacturing	1,983	17.04	16.70	16.22 – 18.38	—	—	—	—	—	(²)	1	(²)	(²)	1	9	3	6	3	33	11	13	1	8	(²)	9	1	—	
Service-producing industries	283	16.59	16.00	15.14 – 17.50	—	—	—	—	—	—	—	—	1	—	1	11	—	35	11	21	13	—	—	—	7	—	—	
Maintenance Mechanics, Motor Vehicle ...	1,494	16.37	15.90	13.93 – 18.20	—	—	—	—	—	—	—	—	—	6	9	9	16	8	3	12	14	12	2	(²)	(²)	2	4	
Private industry	770	15.88	14.45	12.50 – 19.40	—	—	—	—	—	—	—	—	4	11	17	8	11	10	2	5	3	8	4	(²)	(²)	4	9	
Goods-producing industries	102	16.90	18.10	13.64 – 19.40	—	—	—	—	—	—	—	—	6	—	15	9	7	—	—	13	12	24	14	2	—	—	—	
Manufacturing	96	16.81	18.10	13.21 – 19.40	—	—	—	—	—	—	—	—	6	—	16	9	7	—	—	9	13	25	13	2	—	—	—	
Service-producing industries	668	15.73	14.44	12.50 – 18.10	—	—	—	—	—	—	—	—	7	13	17	8	12	12	2	4	2	6	3	—	(²)	4	³ 10	
Transportation and utilities	592	15.44	14.00	12.20 – 15.90	—	—	—	—	—	—	—	—	7	14	18	9	14	13	1	2	(²)	5	—	(²)	5	11	—	
State and local government	724	16.89	17.43	14.82 – 18.20	—	—	—	—	—	—	—	—	(²)	—	(²)	9	20	7	4	19	24	16	—	—	—	—	—	
Maintenance Pipefitters	172	18.04	18.06	16.58 – 18.17	—	—	—	—	—	—	—	—	—	—	—	1	14	5	9	—	47	—	10	13	—	—	—	
Private industry	144	18.64	18.09	18.06 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	—	6	11	—	55	—	13	15	—	—	—	
Goods-producing industries	144	18.64	18.09	18.06 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	—	6	11	—	55	—	13	15	—	—	—	
Manufacturing	144	18.64	18.09	18.06 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	—	6	11	—	55	—	13	15	—	—	—	

See footnotes at end of table.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Philadelphia, PA-NJ, November 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	7.00 and under 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 - 23.00	23.00 - 24.00	24.00 and over	
Tool and Die Makers	510	\$17.73	\$18.40	\$15.78 – \$20.86	—	—	—	—	—	—	—	—	—	—	12	—	1	26	6	—	24	4	20	2	1	1	4	
Private industry	499	17.72	18.40	15.78 – 20.86	—	—	—	—	—	—	—	—	—	—	12	—	1	27	6	—	22	4	20	2	1	1	4	
Goods-producing industries	499	17.72	18.40	15.78 – 20.86	—	—	—	—	—	—	—	—	—	—	12	—	1	27	6	—	22	4	20	2	1	1	4	
Manufacturing	499	17.72	18.40	15.78 – 20.86	—	—	—	—	—	—	—	—	—	—	12	—	1	27	6	—	22	4	20	2	1	1	4	

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.

³ All workers were at \$24.00 and under \$25.00.

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, Philadelphia, PA-NJ, November 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	4.75 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	21.00 and over
Forklift Operators	2,745	\$12.33	\$12.28	\$11.95 - \$12.52	-	-	-	-	-	-	-	-	1	1	5	12	30	29	8	9	4	-	-	-	1	-	-
Private industry	2,745	12.33	12.28	11.95 - 12.52	-	-	-	-	-	-	-	-	1	1	5	12	30	29	8	9	4	-	-	-	1	-	-
Goods-producing industries	1,297	12.37	11.98	11.95 - 11.99	-	-	-	-	-	-	-	-	-	-	2	16	61	1	2	8	9	-	-	-	2	-	-
Manufacturing	1,297	12.37	11.98	11.95 - 11.99	-	-	-	-	-	-	-	-	-	-	2	16	61	1	2	8	9	-	-	-	2	-	-
Service-producing industries	1,448	12.29	12.52	12.28 - 12.52	-	-	-	-	-	-	-	-	1	1	8	9	3	55	13	10	-	-	-	-	-	-	-
Guards																											
Level I	10,450	7.74	7.25	6.40 - 8.10	1	3	9	13	10	15	10	18	5	2	1	3	4	2	1	1	1	(²)	(²)	-	(²)	-	-
Private industry	10,187	7.61	7.25	6.40 - 8.00	1	3	10	13	10	15	11	19	5	2	1	3	4	2	1	1	(²)	-	(²)	-	-	-	-
Goods-producing industries	173	12.38	12.91	11.18 - 14.69	-	-	-	-	-	-	-	16	2	2	-	5	9	26	9	33	-	-	-	-	-	-	-
Manufacturing	173	12.38	12.91	11.18 - 14.69	-	-	-	-	-	-	-	16	2	2	-	5	9	26	9	33	-	-	-	-	-	-	-
Service-producing industries	10,014	7.53	7.25	6.40 - 8.00	1	3	10	13	11	16	11	19	5	2	1	3	4	2	1	(²)	(²)	-	(²)	-	-	-	-
State and local government	263	12.90	12.15	10.68 - 14.13	-	-	-	-	-	-	-	-	(²)	3	11	21	8	17	13	3	6	2	2	-	11	-	-
Level II	503	11.71	12.51	9.89 - 13.27	-	-	-	-	-	-	4	3	1	1	20	12	6	25	21	-	4	2	-	(²)	-	-	-
State and local government	204	12.11	12.51	12.17 - 12.68	-	-	-	-	-	-	-	7	3	-	-	-	14	63	13	-	-	-	-	-	-	-	-
Janitors	17,877	9.23	8.84	6.85 - 11.43	(²)	2	5	12	7	6	9	6	6	5	6	9	8	9	7	1	2	1	(²)	(²)	-	-	-
Private industry	14,782	8.57	8.12	6.50 - 10.21	(²)	3	6	14	8	7	10	6	6	6	7	9	7	5	5	(²)	(²)	1	(²)	-	-	-	-
Goods-producing industries	768	11.87	12.67	9.76 - 13.30	-	5	-	-	-	-	-	4	5	8	8	13	5	14	23	1	2	10	4	-	-	-	-
Manufacturing	768	11.87	12.67	9.76 - 13.30	-	5	-	-	-	-	-	4	5	8	8	13	5	14	23	1	2	10	4	-	-	-	-
Service-producing industries	14,014	8.38	7.99	6.50 - 9.75	(²)	3	6	15	9	7	11	7	6	6	7	9	7	5	4	(²)	(²)	(²)	(²)	-	-	-	-
Transportation and utilities	48	11.84	13.73	6.00 - 14.38	-	-	-	31	-	-	-	-	-	-	-	-	-	40	13	6	4	6	6	-	-	-	-
State and local government	3,095	12.42	12.86	11.36 - 13.29	-	-	-	-	(²)	1	2	3	4	2	2	10	11	27	21	5	12	2	(²)	(²)	-	-	-
Material Handling Laborers	1,519	12.25	13.45	9.71 - 14.46	-	-	(²)	1	2	(²)	3	1	-	(²)	26	3	8	-	6	49	-	(²)	-	-	-	-	-
Private industry	1,519	12.25	13.45	9.71 - 14.46	-	-	(²)	1	2	(²)	3	1	-	(²)	26	3	8	-	6	49	-	(²)	-	-	-	-	-
Goods-producing industries	318	9.98	9.71	9.71 - 11.71	-	-	-	-	7	-	14	-	-	-	48	-	26	-	3	-	-	1	-	-	-	-	-
Manufacturing	318	9.98	9.71	9.71 - 11.71	-	-	-	-	7	-	14	-	-	-	48	-	26	-	3	-	-	1	-	-	-	-	-
Shipping/Receiving Clerks	2,048	10.59	10.40	8.25 - 11.84	-	-	-	4	4	4	2	12	4	3	3	34	7	1	6	7	1	4	1	(²)	1	-	-
Private industry	2,033	10.55	10.40	8.20 - 11.84	-	-	-	4	4	4	2	12	4	3	3	35	7	1	6	7	1	4	1	(²)	1	-	-
Goods-producing industries	813	12.49	11.93	10.75 - 14.21	-	-	-	-	-	-	-	8	1	(²)	5	26	14	1	14	14	2	11	1	1	3	-	-
Manufacturing	813	12.49	11.93	10.75 - 14.21	-	-	-	-	-	-	-	8	1	(²)	5	26	14	1	14	14	2	11	1	1	3	-	-
Truckdrivers																											
Light Truck:																											
Private industry:																											
Goods-producing industries	198	11.79	12.25	11.50 - 12.50	-	-	-	-	-	-	-	-	-	-	19	-	16	65	-	-	-	-	-	-	-	-	-
State and local government	57	14.57	14.77	11.25 - 17.55	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	28	-	-	12	23	-	-	-
Medium Truck	1,447	15.87	16.29	14.18 - 18.98	-	-	-	-	-	-	-	2	-	1	-	6	-	3	12	4	6	40	1	23	2	-	(²)
Private industry	1,447	15.87	16.29	14.18 - 18.98	-	-	-	-	-	-	-	2	-	1	-	6	-	3	12	4	6	40	1	23	2	-	(²)
Heavy Truck	2,556	14.15	14.19	12.51 - 15.62	-	-	-	-	-	-	-	-	-	-	-	1	13	22	12	15	17	18	(²)	2	1	-	-
Private industry:																											
Goods-producing industries	337	13.87	13.10	12.00 - 16.00	-	-	-	-	-	-	-	-	-	-	-	5	9	25	11	3	17	30	-	-	-	-	-
State and local government	775	14.79	15.49	12.51 - 16.92	-	-	-	-	-	-	-	-	-	-	-	-	3	32	6	-	27	32	-	-	-	-	-

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Philadelphia, PA-NJ, November 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	4.75 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	21.00 and over
Tractor Trailer	5,269	\$13.33	\$12.40	\$11.90 – \$14.30	—	—	—	—	—	—	—	—	—	—	—	(²)	43	12	9	22	3	4	6	1	(²)	(²)	—
Private industry	5,218	13.32	12.40	11.90 – 14.30	—	—	—	—	—	—	—	—	—	—	—	(²)	43	12	9	21	3	4	6	1	(²)	(²)	—
Goods-producing industries	702	13.50	12.40	12.03 – 14.05	—	—	—	—	—	—	—	—	—	—	—	—	5	58	7	9	4	7	4	5	—	1	—
Manufacturing	590	13.15	12.29	12.03 – 13.55	—	—	—	—	—	—	—	—	—	—	—	—	6	66	5	11	—	—	5	5	—	1	—
Service-producing industries	4,516	13.29	12.35	11.90 – 14.30	—	—	—	—	—	—	—	—	—	—	—	(²)	49	5	9	23	3	3	6	(²)	(²)	—	—
Warehouse Specialists	2,334	14.04	13.89	12.00 – 15.18	—	—	—	—	—	—	1	2	1	2	1	7	11	9	29	6	13	1	5	5	3	5	(²)
Private industry	2,248	14.11	13.89	12.00 – 15.18	—	—	—	—	—	—	1	2	1	2	1	7	11	6	30	7	13	1	5	6	3	5	(²)
Goods-producing industries	898	14.85	13.98	11.93 – 18.46	—	—	—	—	—	—	—	—	—	2	2	7	15	12	13	14	—	—	9	8	7	11	—
Manufacturing	898	14.85	13.98	11.93 – 18.46	—	—	—	—	—	—	—	—	—	2	2	7	15	12	13	14	—	—	9	8	7	11	—
Service-producing industries	1,350	13.61	13.89	12.00 – 15.18	—	—	—	—	—	—	2	3	2	2	(²)	7	8	3	42	2	22	1	2	4	(²)	(²)	1
Transportation and utilities	114	17.18	18.17	13.85 – 18.71	—	—	—	—	—	—	—	—	—	—	—	—	—	13	13	—	—	—	23	39	1	4	6

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, Philadelphia, PA-NJ, November 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		300 and under 400	400 - 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	
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level I	217	38.6	\$535	\$538	\$481	—	\$577	2	29	54	15	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	199	38.9	538	538	481	—	577	2	27	55	16	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	163	38.6	518	525	475	—	561	2	33	61	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	728	38.8	643	628	577	—	694	—	3	35	39	13	9	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	656	39.0	646	630	577	—	695	—	2	33	40	14	9	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	156	39.8	726	731	653	—	798	—	1	10	28	38	16	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	156	39.8	726	731	653	—	798	—	1	10	28	38	16	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	500	38.8	622	615	560	—	654	—	3	41	44	6	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	72	37.3	610	594	555	—	665	—	6	53	29	10	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	802	38.4	806	798	698	—	885	—	—	1	29	20	30	11	7	1	1	—	—	—	—	—	—	—	—	—	—	—
Private industry	664	38.8	811	813	700	—	888	—	—	1	24	21	32	13	8	1	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	177	39.8	919	939	840	—	988	—	—	—	2	11	27	37	21	2	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	177	39.8	919	939	840	—	988	—	—	—	2	11	27	37	21	2	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	487	38.4	771	764	683	—	838	—	—	2	32	24	34	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	138	36.8	782	698	698	—	861	—	—	—	55	15	19	1	—	5	5	—	—	—	—	—	—	—	—	—	—	—
Level IV	351	38.4	1,104	1,112	933	—	1,242	—	—	—	—	4	15	13	16	17	17	15	(³)	3	1	—	—	—	—	—	—	—
Private industry	289	38.6	1,147	1,135	1,038	—	1,288	—	—	—	—	4	5	11	16	20	21	18	(³)	3	1	—	—	—	—	—	—	—
Goods-producing industries	107	40.0	1,158	1,144	1,081	—	1,295	—	—	—	—	4	4	2	31	18	21	20	1	—	—	—	—	—	—	—	—	—
Manufacturing	107	40.0	1,158	1,144	1,081	—	1,295	—	—	—	—	4	4	2	31	18	21	20	1	—	—	—	—	—	—	—	—	—
Service-producing industries	182	37.8	1,141	1,131	966	—	1,242	—	—	—	—	4	6	17	8	22	20	16	—	5	2	—	—	—	—	—	—	—
State and local government	62	37.3	902	869	869	—	948	—	—	—	—	6	58	23	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Level V	81	39.3	1,424	1,472	1,266	—	1,615	—	—	—	—	—	—	6	4	2	22	7	15	17	21	5	—	—	—	—	—	—
Private industry	66	39.8	1,486	—	—	—	—	—	—	—	—	—	—	—	3	2	15	9	18	21	26	6	—	—	—	—	—	—
Goods-producing industries	57	40.0	1,505	—	—	—	—	—	—	—	—	—	—	—	4	2	11	11	14	25	28	7	—	—	—	—	—	—
Manufacturing	57	40.0	1,505	—	—	—	—	—	—	—	—	—	—	—	4	2	11	11	14	25	28	7	—	—	—	—	—	—
State and local government	15	37.3	1,151	1,211	980	—	1,282	—	—	—	—	—	—	33	7	7	53	—	—	—	—	—	—	—	—	—	—	—
Attorneys																												
Level II	91	36.4	876	818	801	—	851	—	—	—	—	24	55	7	2	2	5	—	4	—	—	—	—	—	—	—	—	—
State and local government	85	36.4	852	813	801	—	851	—	—	—	—	25	58	7	2	2	6	—	—	—	—	—	—	—	—	—	—	—
Level III: State and local government	75	37.4	1,088	1,080	1,011	—	1,162	—	—	—	—	—	—	23	28	37	11	1	—	—	—	—	—	—	—	—	—	—
Level IV	188	38.6	1,564	1,592	1,441	—	1,652	—	—	—	—	—	—	—	1	3	2	13	24	27	11	12	4	2	2	1	—	—
Private industry	144	38.9	1,609	1,596	1,490	—	1,702	—	—	—	—	—	—	—	—	1	1	13	13	33	12	16	6	2	3	1	—	—
Service-producing industries	115	38.6	1,590	1,596	1,490	—	1,630	—	—	—	—	—	—	—	—	1	1	17	17	38	8	5	7	3	3	1	—	—
State and local government	44	37.5	1,417	1,438	1,368	—	1,497	—	—	—	—	—	—	—	2	9	5	11	59	7	7	—	—	—	—	—	—	—
Engineers																												
Level I	406	39.9	722	719	685	—	748	—	—	1	36	54	8	(³)	(³)	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	391	40.0	725	720	685	—	748	—	—	—	—	35	56	8	(³)	(³)	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	351	40.0	723	719	685	—	745	—	—	—	—	36	56	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	351	40.0	723	719	685	—	745	—	—	—	—	36	56	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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		300 and under 400	400 - 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	
Level II	934	39.7	\$826	\$825	\$764	—	\$885	—	—	—	12	26	41	16	4	1	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	774	40.0	840	839	785	—	893	—	—	—	7	24	45	18	4	1	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	698	40.0	849	845	793	—	899	—	—	—	3	26	47	19	4	1	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	698	40.0	849	845	793	—	899	—	—	—	3	26	47	19	4	1	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	160	38.2	758	759	695	—	810	—	—	—	35	33	24	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	2,677	39.8	1,040	1,024	904	—	1,156	—	—	—	2	7	15	20	22	15	8	6	5	(³)	—	—	—	—	—	—	—	—
Private industry	2,482	40.0	1,051	1,037	922	—	1,170	—	—	—	2	7	12	19	23	15	9	6	5	(³)	—	—	—	—	—	—	—	—
Service-producing industries	208	40.0	969	970	840	—	1,072	—	—	—	1	6	33	13	27	15	3	(³)	—	—	—	—	—	—	—	—	—	—
State and local government	195	38.2	892	866	827	—	946	—	—	—	—	11	46	32	8	3	1	—	—	—	—	—	—	—	—	—	—	—
Level IV	2,294	39.7	1,218	1,220	1,084	—	1,342	—	—	—	—	(³)	2	8	20	16	21	19	8	4	1	(³)	—	—	—	—	—	—
Private industry	2,116	39.9	1,231	1,238	1,096	—	1,349	—	—	—	—	(³)	2	7	17	16	23	20	9	5	1	(³)	—	—	—	—	—	—
Goods-producing industries	1,810	39.9	1,222	1,226	1,095	—	1,344	—	—	—	—	—	2	7	18	16	23	20	8	5	1	(³)	—	—	—	—	—	—
Manufacturing	1,810	39.9	1,222	1,226	1,095	—	1,344	—	—	—	—	—	2	7	18	16	23	20	8	5	1	(³)	—	—	—	—	—	—
State and local government	178	38.1	1,064	1,049	1,049	—	1,091	—	—	—	—	2	19	55	16	6	1	2	—	—	—	—	—	—	—	—	—	—
Level V	1,304	39.9	1,530	1,543	1,401	—	1,662	—	—	—	—	—	—	(³)	4	8	13	16	21	19	15	3	1	(³)	—	—	—	—
Private industry	1,243	40.0	1,544	1,555	1,432	—	1,668	—	—	—	—	—	—	(³)	2	6	13	17	22	20	16	3	1	(³)	—	—	—	—
Goods-producing industries	1,227	40.0	1,549	1,556	1,437	—	1,669	—	—	—	—	—	—	—	1	6	13	17	23	20	16	3	1	(³)	—	—	—	—
Manufacturing	1,227	40.0	1,549	1,556	1,437	—	1,669	—	—	—	—	—	—	—	1	6	13	17	23	20	16	3	1	(³)	—	—	—	—
Level VI	509	39.9	1,879	1,881	1,710	—	2,025	—	—	—	—	—	—	—	1	1	3	4	4	11	11	19	16	19	8	1	1	
Private industry	491	40.0	1,896	1,888	1,748	—	2,033	—	—	—	—	—	—	—	1	1	1	3	4	12	11	20	16	20	9	1	1	
Goods-producing industries	491	40.0	1,896	1,888	1,748	—	2,033	—	—	—	—	—	—	—	1	1	1	3	4	12	11	20	16	20	9	1	1	
Manufacturing	491	40.0	1,896	1,888	1,748	—	2,033	—	—	—	—	—	—	—	1	1	1	3	4	12	11	20	16	20	9	1	1	
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts																												
Level II	126	38.0	635	627	531	—	693	—	5	33	40	19	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	79	38.9	661	—	—	—	—	—	8	22	39	29	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	47	36.6	592	579	505	—	664	—	—	53	40	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level IV:																												
State and local government	34	37.9	985	1,007	921	—	1,049	—	—	—	3	—	47	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Buyers/Contracting Specialists																												
Level I	59	38.7	586	—	—	—	—	—	—	64	19	15	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	55	38.8	583	—	—	—	—	—	—	67	15	16	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level II	331	39.3	651	628	580	—	688	—	—	32	45	11	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	292	39.5	642	625	577	—	675	—	—	34	47	9	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	67	40.0	723	—	—	—	—	—	—	3	48	13	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	67	40.0	723	—	—	—	—	—	—	3	48	13	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	39	37.4	713	—	—	—	—	—	—	18	26	23	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	129	38.4	842	827	769	—	904	—	—	—	9	24	33	29	5	1	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	101	38.8	845	826	769	—	915	—	—	—	8	25	30	31	6	1	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	28	36.9	833	864	781	—	885	—	—	—	11	21	46	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Philadelphia, PA-NJ, November 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	300 and under 400	400 - 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		
Computer Programmers																												
Level I	277	38.7	\$581	\$579	\$531 – \$660	–	11	40	48	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Private industry	267	38.8	580	579	531 – 660	–	11	39	48	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	258	38.7	580	596	531 – 660	–	12	38	50	(³)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level II																												
Private industry	446	38.9	651	663	589 – 692	–	4	30	45	15	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	395	38.8	640	654	580 – 683	–	4	33	48	13	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
State and local government	25	38.3	662	–	– – –	–	–	12	52	32	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level III																												
Private industry	521	38.7	768	764	702 – 823	–	(³)	5	20	41	26	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	487	38.7	757	753	693 – 813	–	(³)	5	21	43	26	3	1	(³)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
State and local government	36	36.9	802	798	759 – 879	–	–	–	6	58	17	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level IV																												
Private industry	519	39.8	979	981	885 – 1,071	–	–	–	–	6	24	24	31	13	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Computer Systems Analysts																												
Level I	426	39.1	829	802	740 – 899	–	–	2	10	38	27	11	8	4	1	–	(³)	–	–	–	–	–	–	–	–	–	–	–
Private industry	390	39.2	836	804	747 – 904	–	–	2	8	37	26	12	9	4	1	–	(³)	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	322	39.0	837	801	738 – 904	–	–	2	9	39	22	12	9	5	1	–	(³)	–	–	–	–	–	–	–	–	–	–	–
State and local government	36	38.5	749	–	– – –	–	–	–	33	39	28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level II																												
Private industry	1,094	39.0	989	992	903 – 1,077	–	–	(³)	(³)	7	18	27	30	15	3	1	(³)	–	–	–	–	–	–	–	–	–	–	–
Goods-producing industries	253	39.9	1,039	1,058	992 – 1,112	–	–	(³)	(³)	4	10	13	44	24	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	253	39.9	1,039	1,058	992 – 1,112	–	–	(³)	(³)	4	10	13	44	24	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	841	38.7	974	968	893 – 1,061	–	–	–	(³)	7	20	31	25	12	3	(³)	(³)	–	–	–	–	–	–	–	–	–	–	–
State and local government	65	37.1	957	921	921 – 1,011	–	–	–	–	3	15	48	32	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Level III																												
Private industry	1,252	39.5	1,098	1,102	1,000 – 1,195	–	–	–	–	1	6	15	27	27	18	5	(³)	–	–	–	–	–	–	–	–	–	–	–
Goods-producing industries	308	40.0	1,114	1,113	1,042 – 1,224	–	–	–	–	2	6	13	23	27	23	7	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	308	40.0	1,114	1,113	1,042 – 1,224	–	–	–	–	2	6	13	23	27	23	7	–	–	–	–	–	–	–	–	–	–	–	–
Service-producing industries	944	39.3	1,093	1,096	1,000 – 1,190	–	–	–	–	1	6	16	28	27	17	4	(³)	–	–	–	–	–	–	–	–	–	–	–
State and local government	52	37.2	1,048	1,049	1,049 – 1,049	–	–	–	–	2	10	6	67	4	12	–	–	–	–	–	–	–	–	–	–	–	–	–
Computer Systems Analyst Supervisors/Managers																												
Level I	180	39.5	1,245	1,220	1,135 – 1,336	–	–	–	–	–	1	–	9	29	28	14	13	2	2	–	–	–	–	–	–	–	–	–
Private industry	157	39.9	1,246	1,220	1,140 – 1,321	–	–	–	–	–	1	–	11	25	32	10	15	3	3	–	–	–	–	–	–	–	–	–
State and local government	23	36.5	1,236	1,200	1,133 – 1,336	–	–	–	–	–	–	–	–	52	48	–	–	–	–	–	–	–	–	–	–	–	–	–
Level II																												
Private industry	357	39.2	1,393	1,379	1,294 – 1,462	–	–	–	–	–	–	–	2	4	20	34	20	10	4	1	1	1	1	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, Philadelphia, PA-NJ, November 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		300 and under 400	400 - 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		
Personnel Specialists																													
Level II	268	38.3	\$653	\$634	\$584	—	\$703	—	2	30	42	13	11	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	222	38.6	632	614	577	—	657	—	2	35	45	12	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	179	38.3	617	614	577	—	645	—	—	40	49	11	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level III	507	38.1	834	816	736	—	917	—	—	1	13	29	23	26	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Private industry	419	38.4	837	808	736	—	957	—	—	(³)	11	33	20	26	8	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Goods-producing industries	60	40.0	877	—	—	—	—	—	—	2	5	28	17	32	10	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	60	40.0	877	—	—	—	—	—	—	2	5	28	17	32	10	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	359	38.1	830	808	731	—	917	—	—	—	13	34	21	25	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	88	36.6	817	827	733	—	905	—	—	5	19	11	35	28	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level IV	241	38.8	999	1,001	877	—	1,090	—	—	—	—	10	17	20	29	15	6	3	—	—	—	—	—	—	—	—	—	—	—
Private industry	197	39.1	984	971	858	—	1,090	—	—	—	—	13	21	21	23	13	5	4	—	—	—	—	—	—	—	—	—	—	—
Service-producing industries	160	38.9	961	962	844	—	1,067	—	—	—	—	16	26	16	26	11	4	2	—	—	—	—	—	—	—	—	—	—	—
State and local government	44	37.6	1,063	1,049	1,031	—	1,107	—	—	—	—	—	—	16	52	23	9	—	—	—	—	—	—	—	—	—	—	—	—
Level V	125	39.8	1,259	1,252	1,169	—	1,362	—	—	—	—	—	—	—	14	5	11	34	19	10	2	6	—	—	—	—	—	—	—
Private industry	121	39.9	1,257	1,252	1,169	—	1,362	—	—	—	—	—	—	—	14	5	10	35	19	11	1	6	—	—	—	—	—	—	—
Goods-producing industries	79	40.0	1,284	—	—	—	—	—	—	—	—	—	—	—	10	—	11	41	22	6	1	9	—	—	—	—	—	—	—
Manufacturing	79	40.0	1,284	—	—	—	—	—	—	—	—	—	—	—	10	—	11	41	22	6	1	9	—	—	—	—	—	—	—
Tax Collectors																													
Level II	196	37.5	571	533	533	—	533	—	1	81	4	11	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
State and local government	196	37.5	571	533	533	—	533	—	1	81	4	11	2	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-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Philadelphia, PA-NJ, November 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		300 and under 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	950 - 1000	1000 - 1100	1100 - 1200				
TECHNICAL OCCUPATIONS																															
Computer Operators																															
Level II	347	38.3	\$453	\$460	\$420	—	\$497	2	6	9	2	22	8	4	28	5	5	7	2	—	—	—	—	—	—	—	—	—			
Private industry	309	38.5	445	432	420	—	492	2	7	10	2	24	9	4	28	5	5	4	1	—	—	—	—	—	—	—	—	—			
Service-producing industries	275	38.4	435	423	420	—	487	3	8	11	2	27	10	4	27	5	1	2	—	—	—	—	—	—	—	—	—	—			
State and local government	38	36.8	520	—	—	—	—	—	—	—	3	8	—	5	26	11	5	34	8	—	—	—	—	—	—	—	—	—			
Level III	254	38.9	596	593	557	—	621	—	—	—	—	—	—	2	4	5	9	34	31	11	—	3	—	—	—	—	—	—			
Private industry	210	39.4	605	615	581	—	623	—	—	—	—	—	—	1	5	—	10	31	38	12	—	4	—	—	—	—	—	—			
Service-producing industries	173	39.5	599	596	569	—	623	—	—	—	—	—	—	—	6	—	12	34	34	14	—	1	—	—	—	—	—	—			
State and local government	44	36.8	553	551	519	—	577	—	—	—	—	—	—	9	—	27	7	48	—	9	—	—	—	—	—	—	—	—			
Drafters																															
Level III:																															
State and local government	11	35.0	607	—	—	—	—	—	—	—	—	—	—	—	9	—	—	36	27	27	—	—	—	—	—	—	—	—			
Level IV	74	40.0	898	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	3	22	5	38	8	16	—	—			
Private industry	71	40.0	907	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	23	6	39	8	17	—	—			
Goods-producing industries	71	40.0	907	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	23	6	39	8	17	—	—			
Manufacturing	71	40.0	907	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	23	6	39	8	17	—	—			
Engineering Technicians																															
Level III	69	39.5	732	—	—	—	—	—	—	—	—	—	—	—	1	—	4	25	10	17	17	10	7	7	—	—	—	—			
Level IV	258	39.9	819	800	719	—	905	—	—	—	—	—	—	—	—	—	2	1	9	19	21	7	6	20	11	3	1				
Private industry	251	39.9	820	800	719	—	905	—	—	—	—	—	—	—	—	—	2	1	9	18	22	6	6	20	12	4	1				
Goods-producing industries	217	39.9	803	787	719	—	905	—	—	—	—	—	—	—	—	—	—	1	11	21	25	7	6	24	4	1	—				
Manufacturing	217	39.9	803	787	719	—	905	—	—	—	—	—	—	—	—	—	—	1	11	21	25	7	6	24	4	1	—				
Level V	89	40.0	875	860	743	—	985	—	—	—	—	—	—	—	—	—	—	—	3	28	7	8	13	8	10	16	7				
Private industry	84	40.0	876	860	743	—	988	—	—	—	—	—	—	—	—	—	—	—	4	29	7	5	14	8	11	17	6				
Engineering Technicians, Civil																															
Level I	55	37.6	478	485	472	—	485	—	—	—	—	—	11	20	67	2	—	—	—	—	—	—	—	—	—	—	—	—			
State and local government	55	37.6	478	485	472	—	485	—	—	—	—	—	11	20	67	2	—	—	—	—	—	—	—	—	—	—	—	—			
Level II	69	36.6	553	—	—	—	—	—	—	—	—	—	6	—	4	10	17	57	6	—	—	—	—	—	—	—	—	—			
State and local government	67	36.5	554	564	539	—	590	—	—	—	—	—	6	—	4	7	18	58	6	—	—	—	—	—	—	—	—	—			
Level III	144	37.2	594	608	539	—	642	—	—	—	—	—	—	1	19	3	1	20	42	11	1	—	—	—	—	—	—	—			
State and local government	144	37.2	594	608	539	—	642	—	—	—	—	—	—	1	19	3	1	20	42	11	1	—	—	—	—	—	—	—			
Level IV	49	38.0	744	755	731	—	755	—	—	—	—	—	—	—	—	—	—	—	2	14	12	67	4	—	—	—	—	—			
State and local government	49	38.0	744	755	731	—	755	—	—	—	—	—	—	—	—	—	—	—	2	14	12	67	4	—	—	—	—	—			
Level V:																															
State and local government	27	38.1	880	891	812	—	936	—	—	—	—	—	—	—	—	—	—	—	—	—	11	26	19	44	—	—	—	—			

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, Philadelphia, PA-NJ, November 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		300 and under 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	950 - 1000	1000 - 1100	1100 - 1200	
PROTECTIVE SERVICE OCCUPATIONS																												
Corrections Officers	3,646	40.0	\$664	\$590	\$569	—	\$837	—	—	—	—	2	3	1	8	4	41	4	5	4	1	7	3	17	—	—	—	
State and local government	3,646	40.0	664	590	569	—	837	—	—	—	—	2	3	1	8	4	41	4	5	4	1	7	3	17	—	—	—	
Firefighters:																												
State and local government	1,642	42.0	656	684	684	—	684	—	—	—	—	—	—	5	5	7	(³)	(³)	84	—	—	—	—	—	—	—	—	
Police Officers																												
Level I	6,279	40.0	679	711	608	—	711	—	—	—	—	(³)	(³)	1	1	2	8	9	10	7	55	1	1	1	1	(³)	3	—
State and local government	6,219	40.0	679	711	608	—	711	—	—	—	—	(³)	(³)	1	1	2	8	9	10	7	56	1	1	1	1	(³)	3	—

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

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

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

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

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Philadelphia, PA-NJ, November 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 - 900	900 - 1000	1000 - 1100		
Clerks, Accounting																													
Level II	999	37.8	\$437	\$434	\$397	—	\$473	—	(³)	5	4	5	11	16	19	15	8	10	1	(³)	1	2	1	(³)	—	—	—	—	
Private industry	813	37.9	433	429	398	—	469	—	(³)	7	4	6	9	20	18	14	10	10	1	(³)	—	1	2	(³)	—	—	—	—	
Goods-producing industries	172	38.3	472	462	404	—	500	—	—	—	3	5	—	19	14	19	7	21	—	—	—	6	6	1	—	—	—	—	
Manufacturing	172	38.3	472	462	404	—	500	—	—	—	3	5	—	19	14	19	7	21	—	—	—	6	6	1	—	—	—	—	
Service-producing industries	641	37.8	423	426	391	—	459	—	(³)	8	4	6	11	20	19	12	10	7	1	(³)	—	—	(³)	—	—	—	—	—	
State and local government	186	37.2	454	442	391	—	473	—	—	—	2	3	23	2	26	23	2	10	—	1	5	4	—	—	—	—	—	—	
Level III	619	37.6	481	500	445	—	508	—	—	—	4	3	2	7	10	10	14	36	9	1	2	3	(³)	—	—	—	—	—	
Private industry	339	38.1	462	467	425	—	508	—	—	—	8	5	2	10	17	9	15	22	9	1	1	—	1	—	—	—	—	—	
Goods-producing industries	66	39.9	492	—	—	—	—	—	—	—	—	—	—	17	8	2	33	17	20	—	—	—	5	—	—	—	—	—	
Manufacturing	66	39.9	492	—	—	—	—	—	—	—	—	—	—	17	8	2	33	17	20	—	—	—	5	—	—	—	—	—	
Service-producing industries	273	37.7	454	464	420	—	508	—	—	—	10	6	3	8	20	11	10	23	7	1	1	—	—	—	—	—	—	—	
State and local government	280	36.9	504	500	487	—	500	—	—	—	—	—	1	4	1	10	12	53	8	(³)	3	7	—	—	—	—	—	—	
Level IV	67	38.2	569	—	—	—	—	—	—	—	—	—	—	—	—	10	31	—	—	—	46	7	—	—	—	4	—	—	
State and local government	27	35.8	533	517	517	—	517	—	—	—	—	—	—	—	—	—	78	—	—	22	—	—	—	—	—	—	—	—	
Clerks, General																													
Level II	985	37.8	411	402	367	—	471	4	3	3	3	17	19	6	17	11	3	8	6	—	—	—	—	—	—	—	—	—	
Private industry	225	38.3	381	350	292	—	456	15	14	7	13	12	4	2	8	4	—	2	20	—	—	—	—	—	—	—	—	—	
Service-producing industries	174	37.8	341	338	288	—	385	19	18	9	17	13	5	3	11	5	—	2	—	—	—	—	—	—	—	—	—	—	
State and local government	760	37.6	420	411	375	—	471	(³)	(³)	2	(³)	18	24	7	19	13	3	10	2	—	—	—	—	—	—	—	—	—	
Level III	1,632	37.1	410	408	349	—	447	—	(³)	19	7	4	7	22	17	10	4	2	1	2	2	2	(³)	—	—	—	—	—	
Private industry	903	37.6	376	375	312	—	413	—	—	34	9	6	9	25	6	6	3	1	—	—	—	1	—	—	—	—	—	—	
Service-producing industries	862	37.5	374	364	312	—	411	—	—	35	9	6	9	22	6	6	3	2	—	—	—	1	—	—	—	—	—	—	
State and local government	729	36.4	453	447	407	—	467	—	1	1	5	2	4	19	31	16	4	3	1	4	5	3	1	—	—	—	—	—	
Level IV	691	38.0	492	474	403	—	594	—	—	—	12	3	4	17	8	9	8	6	1	9	2	20	2	—	1	—	—	—	
Private industry	608	38.1	496	471	403	—	649	—	—	—	13	3	3	17	7	7	5	7	1	9	2	23	2	—	1	—	—	—	
Service-producing industries	521	37.8	483	447	403	—	649	—	—	—	15	4	4	20	8	8	4	5	1	2	3	26	—	—	—	—	—	—	
Key Entry Operators																													
Level I:																													
State and local government	30	35.7	453	—	—	—	—	3	3	10	—	—	—	10	—	7	57	7	3	—	—	—	—	—	—	—	—	—	
Level II:																													
State and local government	27	35.7	532	539	467	—	603	—	—	—	—	—	—	—	—	33	—	15	15	7	4	26	—	—	—	—	—	—	
Personnel Assistants (Employment)																													
Level II	127	37.0	465	468	387	—	512	—	—	—	9	2	17	—	21	2	3	24	17	2	3	—	—	—	—	—	—	—	
State and local government	91	36.9	476	500	387	—	546	—	—	—	—	2	23	—	13	3	2	31	23	2	—	—	—	—	—	—	—	—	
Level III	84	37.3	557	530	510	—	592	—	—	—	—	—	—	1	7	6	7	14	24	1	19	6	4	11	—	—	—	—	
State and local government	46	35.5	600	592	538	—	649	—	—	—	—	—	—	2	—	4	—	9	13	2	35	11	7	17	—	—	—	—	

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Philadelphia, PA-NJ, November 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 - 900	900 - 1000	1000 - 1100		
Secretaries																													
Level I	244	39.3	\$477	\$523	\$428	—	\$523	—	—	4	2	6	7	5	11	5	6	40	7	(³)	—	7	—	—	—	—	—	—	—
Private industry	112	38.6	412	421	366	—	446	—	—	8	5	13	14	11	25	12	13	—	—	—	—	—	—	—	—	—	—	—	
State and local government	132	39.9	532	523	523	—	530	—	—	—	—	—	1	1	—	—	—	73	12	1	—	12	—	—	—	—	—	—	
Level II	2,171	38.2	470	469	417	—	528	—	—	2	7	5	5	10	13	11	11	10	8	9	4	4	(³)	1	(³)	(³)	(³)	—	—
Private industry	1,900	38.3	468	469	413	—	529	—	—	2	7	6	6	8	12	12	10	11	8	9	4	3	(³)	(³)	(³)	(³)	—	—	
Goods-producing industries	143	39.7	581	579	547	—	594	—	—	—	—	—	—	—	—	1	1	5	19	14	36	17	4	1	1	1	—	—	
Manufacturing	143	39.7	581	579	547	—	594	—	—	—	—	—	—	—	—	1	1	5	19	14	36	17	4	1	1	1	—	—	
Service-producing industries	1,757	38.2	458	462	405	—	519	—	—	2	8	6	7	9	13	13	11	11	7	9	2	2	—	—	—	—	—	—	
State and local government	271	37.6	485	458	419	—	526	—	—	—	3	—	—	23	20	8	18	3	8	6	2	6	—	5	—	—	—	—	
Level III	3,037	38.6	560	559	500	—	614	—	—	—	—	2	1	2	3	5	13	14	8	10	12	16	9	4	1	(³)	(³)	—	
Private industry	2,461	39.0	555	555	495	—	606	—	—	—	—	2	1	2	3	6	12	14	7	11	12	15	9	3	1	1	(³)	—	
Goods-producing industries	381	39.9	589	567	517	—	649	—	—	—	—	—	—	1	—	3	7	22	8	11	9	15	7	11	6	1	—	—	
Manufacturing	381	39.9	589	567	517	—	649	—	—	—	—	—	—	1	—	3	7	22	8	11	9	15	7	11	6	1	—	—	
Service-producing industries	2,080	38.8	549	550	482	—	600	—	—	—	—	2	1	3	4	6	13	13	7	11	12	15	9	2	1	1	(³)	—	
State and local government	576	36.9	579	578	525	—	632	—	—	—	—	—	—	—	—	3	15	10	12	8	13	22	11	6	(³)	—	—	—	
Level IV	1,494	38.9	657	635	581	—	724	—	—	—	—	—	—	—	(³)	(³)	(³)	3	6	10	12	26	15	8	14	6	(³)	(³)	
Private industry	1,242	39.4	661	632	588	—	738	—	—	—	—	—	—	—	(³)	(³)	(³)	—	3	7	6	13	29	10	9	15	7	(³)	
Service-producing industries	558	38.8	693	674	617	—	800	—	—	—	—	—	—	—	(³)	(³)	(³)	—	7	5	1	3	28	10	9	31	6	(³)	
State and local government	252	36.4	639	654	555	—	699	—	—	—	—	—	—	—	—	—	1	3	1	29	3	12	38	3	6	4	—	—	
Level V	298	39.0	742	721	671	—	812	—	—	—	—	—	—	—	—	—	—	—	—	—	8	9	29	16	9	20	8	1	
Private industry	283	39.1	741	713	671	—	812	—	—	—	—	—	—	—	—	—	—	—	—	—	8	9	30	13	9	20	8	1	
Service-producing industries	174	38.5	772	763	688	—	856	—	—	—	—	—	—	—	—	—	—	—	—	—	11	—	18	19	12	25	13	2	
Switchboard Operator-Receptionists																													
Level I	223	39.2	400	408	362	—	435	—	1	6	12	13	15	21	12	12	5	2	—	1	—	—	—	—	—	—	—	—	
Private industry	175	39.3	401	409	357	—	450	—	2	7	15	4	19	15	13	15	5	3	—	2	—	—	—	—	—	—	—	—	
Service-producing industries	159	39.2	398	409	340	—	435	—	2	8	16	4	16	16	13	16	6	—	—	2	—	—	—	—	—	—	—	—	
State and local government	48	38.8	394	408	362	—	408	—	—	—	—	—	44	—	44	8	—	4	—	—	—	—	—	—	—	—	—	—	
Word Processors																													
Level II	290	37.5	450	443	415	—	468	—	—	—	—	(³)	3	37	32	7	9	1	4	3	—	3	—	—	—	—	—	—	
Private industry	98	37.7	443	429	423	—	468	—	—	—	—	1	3	34	26	20	13	—	1	—	—	2	—	—	—	—	—	—	
Service-producing industries	97	37.7	441	429	423	—	468	—	—	—	—	1	3	34	26	21	13	—	1	—	—	1	—	—	—	—	—	—	
State and local government	192	37.3	454	447	414	—	450	—	—	—	—	—	4	39	35	—	7	1	5	5	—	4	—	—	—	—	—	—	
Level III	217	37.5	487	485	460	—	485	—	—	—	—	—	3	3	6	35	43	(³)	—	—	1	6	—	3	—	—	—	—	
State and local government	169	37.5	479	485	472	—	485	—	—	—	—	—	—	—	2	43	54	1	—	—	—	1	—	—	—	—	—	—	

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

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

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

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

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Philadelphia, PA-NJ, November 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	8.00 and under 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 - 13.50	13.50 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 and over	
General Maintenance Workers	323	\$13.27	\$12.92	\$11.83 – \$15.20	1	2	(²)	1	(²)	2	6	16	12	16	5	3	—	31	2	2	—	—	—	—	—	—	—	—
Private industry	272	13.45	13.13	11.76 – 15.20	1	2	—	1	—	1	7	18	10	8	6	4	—	37	2	3	—	—	—	—	—	—	—	—
Service-producing industries	216	13.31	12.92	11.75 – 15.20	1	3	—	1	—	—	6	19	13	8	8	5	—	32	—	4	—	—	—	—	—	—	—	
State and local government	51	12.31	12.92	12.46 – 12.92	—	2	2	2	2	6	4	2	20	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maintenance Electricians	1,081	17.66	17.55	16.40 – 18.30	—	—	—	—	—	(²)	(²)	—	(²)	(²)	(²)	1	6	10	20	21	20	7	8	2	2	—	1	
Private industry	818	17.84	17.55	16.58 – 18.40	—	—	—	—	—	—	—	—	(²)	(²)	(²)	1	3	6	24	25	20	2	11	2	3	—	1	
Goods-producing industries	466	18.42	18.30	16.77 – 20.86	—	—	—	—	—	—	—	—	1	1	1	—	3	—	26	14	25	3	19	4	5	—	—	
Manufacturing	466	18.42	18.30	16.77 – 20.86	—	—	—	—	—	—	—	—	1	1	1	—	3	—	26	14	25	3	19	4	5	—	—	
Service-producing industries	352	17.06	17.07	16.12 – 17.55	—	—	—	—	—	—	—	—	—	—	—	3	3	15	22	40	12	2	—	—	—	—	3	
State and local government	263	17.10	17.43	15.62 – 18.20	—	—	—	—	—	(²)	1	—	(²)	—	(²)	2	14	20	7	10	22	22	—	—	—	—	—	
Maintenance Electronics Technicians	2,568	18.60	19.38	15.95 – 21.15	—	—	—	—	—	(²)	—	1	1	5	2	3	8	5	7	6	9	3	5	27	17	—	—	
Private industry	2,387	18.71	20.86	15.95 – 21.15	—	—	—	—	—	(²)	—	1	1	5	2	4	8	5	8	6	5	4	5	29	18	—	—	
Goods-producing industries	228	16.73	14.50	13.60 – 20.86	—	—	—	—	—	1	—	3	3	11	4	9	22	—	1	4	—	—	42	—	—	—	—	
Manufacturing	228	16.73	14.50	13.60 – 20.86	—	—	—	—	—	—	1	—	3	3	11	4	9	22	—	1	4	—	42	—	—	—	—	
Service-producing industries	2,159	18.92	21.15	16.23 – 21.15	—	—	—	—	—	—	—	1	1	4	2	3	6	5	9	6	6	4	1	32	20	—	—	
State and local government	181	17.14	18.20	17.11 – 18.20	—	—	—	—	—	—	—	—	1	5	1	—	10	7	1	13	63	—	—	—	—	—	—	
Level III	760	18.98	18.97	17.55 – 20.41	—	—	—	—	—	—	—	—	—	—	—	4	2	5	9	7	31	11	15	4	4	3	5	
State and local government	259	18.07	18.50	16.52 – 18.97	—	—	—	—	—	—	—	—	—	—	—	—	2	4	20	5	59	8	(²)	—	—	—	—	
Maintenance Machinists	582	19.09	18.30	17.08 – 20.86	—	—	—	—	—	—	—	—	—	(²)	1	1	2	1	11	9	26	2	28	18	—	—	—	
Private industry	509	19.28	20.86	17.08 – 20.86	—	—	—	—	—	—	—	—	—	—	(²)	1	1	—	2	12	10	21	—	32	20	—	—	
Goods-producing industries	501	19.34	20.86	17.08 – 20.86	—	—	—	—	—	—	—	—	—	(²)	1	1	—	—	12	10	22	—	32	21	—	—	—	
Manufacturing	501	19.34	20.86	17.08 – 20.86	—	—	—	—	—	—	—	—	—	(²)	1	1	—	—	12	10	22	—	32	21	—	—	—	
State and local government	73	17.77	18.20	18.20 – 18.20	—	—	—	—	—	—	—	—	—	—	—	3	15	—	1	1	63	16	—	—	—	—	—	
Maintenance Mechanics, Machinery	1,315	17.25	16.77	15.10 – 20.72	—	—	—	1	2	1	1	1	1	3	2	3	10	5	28	9	8	1	12	(²)	13	—	—	
Private industry	1,188	17.42	16.77	16.22 – 20.86	—	—	—	1	2	1	1	1	1	3	3	2	5	5	31	10	6	1	13	(²)	15	—	—	
Goods-producing industries	1,127	17.53	16.77	16.22 – 20.86	—	—	—	1	2	1	1	1	1	3	3	2	5	2	32	10	5	1	14	(²)	15	—	—	
Manufacturing	1,127	17.53	16.77	16.22 – 20.86	—	—	—	1	2	1	1	1	1	3	3	2	5	2	32	10	5	1	14	(²)	15	—	—	
Maintenance Mechanics, Motor Vehicle ...	958	17.22	17.43	14.70 – 19.04	—	—	—	—	—	—	1	1	3	2	2	9	17	3	4	13	19	13	1	(²)	(²)	3	7	
Private industry	382	17.98	18.10	13.70 – 23.66	—	—	—	—	—	—	2	4	8	6	5	5	6	2	4	9	7	14	3	1	(²)	8	³ 18	
Goods-producing industries	81	17.57	18.50	14.29 – 19.63	—	—	—	—	—	—	7	—	4	2	5	6	2	—	—	11	15	30	15	2	—	—	—	
Manufacturing	81	17.57	18.50	14.29 – 19.63	—	—	—	—	—	—	7	—	4	2	5	6	2	—	—	11	15	30	15	2	—	—	—	
Service-producing industries	301	18.09	17.35	13.45 – 23.66	—	—	—	—	—	—	—	5	9	7	5	5	7	2	5	8	5	10	—	—	(²)	10	22	
Transportation and utilities	265	18.20	17.84	13.10 – 24.18	—	—	—	—	—	—	—	5	11	8	5	5	8	3	2	5	1	11	—	—	(²)	11	25	
State and local government	576	16.71	17.43	14.82 – 18.20	—	—	—	—	—	—	1	—	(²)	—	1	11	24	4	5	16	27	13	—	—	—	—	—	
Maintenance Pipefitters	136	18.03	18.09	15.58 – 20.72	—	—	—	—	—	—	—	—	—	—	—	1	18	7	12	—	33	—	13	16	—	—	—	
Private industry	108	18.84	18.09	18.09 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	8	15	—	40	—	17	20	—	—	—	—	
Goods-producing industries	108	18.84	18.09	18.09 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	8	15	—	40	—	17	20	—	—	—	—	
Manufacturing	108	18.84	18.09	18.09 – 20.72	—	—	—	—	—	—	—	—	—	—	—	—	8	15	—	40	—	17	20	—	—	—	—	

See footnotes at end of table.

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Philadelphia, PA-NJ, November 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	8.00 and under 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 - 13.50	13.50 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 - 24.00	24.00 and over	
Tool and Die Makers	207	\$18.85	\$18.40	\$18.20 – \$19.22	–	–	–	–	–	–	–	–	–	–	–	–	3	3	15	–	53	9	–	4	1	2	9	
Private industry	196	18.89	18.40	18.40 – 19.22	–	–	–	–	–	–	–	–	–	–	–	–	3	3	16	–	51	10	–	4	2	3	³ 10	
Goods-producing industries	196	18.89	18.40	18.40 – 19.22	–	–	–	–	–	–	–	–	–	–	–	–	3	3	16	–	51	10	–	4	2	3	10	
Manufacturing	196	18.89	18.40	18.40 – 19.22	–	–	–	–	–	–	–	–	–	–	–	–	3	3	16	–	51	10	–	4	2	3	10	

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.

³ All workers were at \$24.00 and under \$25.00.

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, Philadelphia, PA-NJ, November 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		4.75 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	21.00 and over	
Forklift Operators	838	\$12.14	\$11.99	\$11.98	— \$11.99	—	—	—	—	—	—	—	—	2	2	—	2	71	11	9	—	—	—	—	—	—	3	—	—
Private industry	838	12.14	11.99	11.98	— 11.99	—	—	—	—	—	—	—	—	2	2	—	2	71	11	9	—	—	—	—	—	—	3	—	—
Guards																													
Level I:																													
Private industry:																													
Goods-producing industries	173	12.38	12.91	11.18	— 14.69	—	—	—	—	—	—	—	16	2	2	—	5	9	26	9	33	—	—	—	—	—	—	—	—
Manufacturing	173	12.38	12.91	11.18	— 14.69	—	—	—	—	—	—	—	16	2	2	—	5	9	26	9	33	—	—	—	—	—	—	—	—
State and local government	263	12.90	12.15	10.68	— 14.13	—	—	—	—	—	—	—	(²)	3	11	21	8	17	13	3	6	2	2	—	11	—	—	—	
Level II																													
State and local government	204	12.60	12.68	12.17	— 13.85	—	—	—	—	—	—	—	4	2	2	2	6	8	36	30	—	6	2	—	1	—	—	—	
		12.11	12.51	12.17	— 12.68	—	—	—	—	—	—	—	7	3	—	—	14	63	13	—	—	—	—	—	—	—	—	—	
Janitors	10,044	10.47	10.55	8.74	— 12.46	(²)	2	3	5	2	5	3	4	3	5	9	14	12	15	12	1	4	1	(²)	(²)	—	—	—	
Private industry	7,386	9.80	9.89	7.93	— 11.58	(²)	3	4	7	3	6	3	4	3	6	12	14	14	10	9	(²)	(²)	1	(²)	—	—	—	—	
Goods-producing industries	596	12.79	13.24	10.98	— 13.65	—	—	—	—	—	—	—	1	6	3	9	5	6	18	29	1	3	13	5	—	—	—	—	
Manufacturing	596	12.79	13.24	10.98	— 13.65	—	—	—	—	—	—	—	1	6	3	9	5	6	18	29	1	3	13	5	—	—	—	—	
Service-producing industries	6,790	9.54	9.61	7.61	— 11.58	(²)	3	4	8	3	6	4	5	3	6	12	15	14	10	8	(²)	(²)	(²)	(²)	—	—	—	—	
Transportation and utilities	33	14.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	58	18	9	6	9	—	—	—	—	—	
State and local government	2,658	12.34	12.86	10.70	— 13.29	—	—	—	—	—	1	2	3	5	2	2	11	8	29	19	2	14	1	(²)	(²)	—	—	—	
Material Handling Laborers	259	9.93	9.87	7.85	— 11.71	—	—	1	7	1	2	18	3	—	2	24	5	32	—	4	—	—	1	—	—	—	—	—	
Private industry	259	9.93	9.87	7.85	— 11.71	—	—	1	7	1	2	18	3	—	2	24	5	32	—	4	—	—	1	—	—	—	—	—	
Shipping/Receiving Clerks	391	14.48	14.04	13.51	— 16.46	—	—	—	—	—	—	—	—	2	1	2	7	3	4	30	13	1	23	6	2	6	—	—	
Private industry	376	14.43	13.93	13.37	— 16.46	—	—	—	—	—	—	—	—	2	1	2	8	3	4	31	11	1	23	5	2	6	—	—	
Goods-producing industries	267	15.08	14.04	13.51	— 16.46	—	—	—	—	—	—	—	—	—	1	1	—	1	4	42	4	1	32	2	3	8	—	—	
Manufacturing	267	15.08	14.04	13.51	— 16.46	—	—	—	—	—	—	—	—	—	1	1	—	1	4	42	4	1	32	2	3	8	—	—	
Service-producing industries	109	12.83	12.61	10.52	— 14.09	—	—	—	—	—	—	—	—	6	2	6	27	8	4	5	29	—	—	13	—	2	—	—	
Truckdrivers																													
Light Truck	209	12.14	12.28	11.25	— 12.44	—	—	—	—	1	4	3	1	1	3	1	6	13	48	—	8	—	—	3	6	—	—	—	
State and local government	57	14.57	14.77	11.25	— 17.55	—	—	—	—	—	—	—	—	—	—	—	—	37	—	—	28	—	—	12	23	—	—	—	
Heavy Truck	369	13.09	12.51	12.51	— 13.71	—	—	—	—	—	—	—	—	—	—	—	6	68	12	3	—	8	—	2	—	—	—	—	
Tractor Trailer	852	16.01	16.74	14.47	— 17.72	—	—	—	—	—	—	—	—	—	—	—	(²)	(²)	15	1	13	10	16	36	6	2	1	—	
Private industry	801	16.11	16.74	14.45	— 17.72	—	—	—	—	—	—	—	—	—	—	—	(²)	(²)	16	1	7	10	17	39	6	2	1	—	
Goods-producing industries	220	14.31	12.40	12.40	— 17.62	—	—	—	—	—	—	—	—	—	—	—	—	1	59	—	10	—	—	14	15	—	2	—	
Manufacturing	220	14.31	12.40	12.40	— 17.62	—	—	—	—	—	—	—	—	—	—	—	—	1	59	—	10	—	—	14	15	—	2	—	
Warehouse Specialists	826	16.01	15.18	13.98	— 18.46	—	—	—	—	—	—	—	—	(²)	1	2	2	9	11	4	35	2	3	11	6	12	1	—	
Private industry	740	16.43	15.46	15.18	— 18.58	—	—	—	—	—	—	—	—	(²)	1	2	—	1	13	4	39	3	4	12	7	14	1	—	
Goods-producing industries	268	17.83	19.53	14.03	— 20.50	—	—	—	—	—	—	—	—	—	1	2	—	—	17	11	—	—	—	1	13	19	36	—	
Manufacturing	268	17.83	19.53	14.03	— 20.50	—	—	—	—	—	—	—	—	—	1	2	—	—	17	11	—	—	—	1	13	19	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 Philadelphia, PA–NJ Primary Metropolitan Statistical Area covered establishments employing 50 workers or more in *goods producing industries* (mining, construction, and manufacturing); *service producing industries* (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments.¹ Private households, agriculture, the Federal Government, and the self-employed were excluded from the survey. Table 1 in this appendix shows the estimated number of establishments and workers within scope of the survey and the number actually included in the survey sample.

Sampling frame

The list of establishments from which the survey sample was selected (the sampling frame) was developed from the State unemployment insurance reports for the Philadelphia, PA–NJ Primary Metropolitan Statistical Area (November 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 Philadelphia, PA–NJ Primary Metropolitan Statistical Area. Collection for the survey was from August 1996 through February 1997 and reflects an average payroll reference month of November 1996. Data obtained for a payroll period prior to the end of November 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 17.8 percent of the sample establishments (representing 271,298 employees covered by the survey). An additional 5.5 percent of the sample establishments (representing 54,359 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	0.6
1 and under 3 percent	55.5
3 and under 5 percent	38.7
5 percent and over	5.2

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

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

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

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

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

Appendix table 1. Establishments and workers within scope of survey and number studied, Philadelphia, PA-NJ¹, November 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	4,810	274	1,295,238	100	315,734
Private industry	4,468	249	1,090,388	84	204,265
Goods producing	1,240	64	220,998	17	39,637
Manufacturing	1,039	54	202,277	16	38,204
Construction ⁵	197	8	18,497	1	1,321
Service producing	3,228	185	869,390	67	164,628
Transportation, communication, electric, gas, and sanitary services ⁶	184	21	63,276	5	25,677
Wholesale trade ⁷	383	16	58,274	4	3,369
Retail trade ⁷	726	22	193,420	15	22,112
Finance, insurance, and real estate ⁷	322	15	89,240	7	20,476
Services ⁷	1,613	111	465,180	36	92,994
State and local government	342	25	204,850	16	111,469
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	442	93	712,631	100	286,156
Private industry	368	79	546,794	77	177,031
Goods producing	75	19	78,545	11	32,528
Manufacturing	75	19	78,545	11	32,528
Service producing	293	60	468,249	66	144,503
Transportation, communication, electric, gas, and sanitary services ⁶	31	11	45,230	6	24,338
Retail trade ⁷	70	7	109,839	15	20,165
Finance, insurance, and real estate ⁷	19	4	60,512	8	18,962
Services ⁷	161	36	245,955	35	79,815
State and local government	74	14	165,837	23	109,125

¹ The Philadelphia Primary Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA; and Burlington, Camden, and Gloucester Counties, NJ. The "workers within scope of survey" estimates provide a reasonably accurate description of the size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels since (1) planning of wage surveys requires establishment data compiled considerably in advance of the payroll period studied, and (2) establishments employing fewer than 50 workers are excluded from the scope of the survey.

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

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

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

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

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

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

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

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