

Occupational Compensation Survey: Pay Only

Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD, Consolidated Metropolitan Area, November 1996



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-46

Preface

This bulletin provides results of a November 1996 survey of occupational pay in the Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD Consolidated Metropolitan Statistical Area, which combines the Philadelphia, PA–NJ, the Wilmington–Newark, DE–MD, the Atlantic–Cape May, NJ, and the Vineland–Millville–Bridgeton, NJ Primary Metropolitan Statistical Areas. A bulletin providing results of the survey for only the Philadelphia, PA–NJ Primary Metropolitan Statistical Area has been published as Bulletin 3085-45. 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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Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD, Consolidated Metropolitan Area, November 1996



U.S. Department of Labor
Alexis M. Herman, Secretary

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

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Contents

	Page		Page
Introduction	2	Tables—Continued	
Tables:			
All establishments:			
A-1. Weekly hours and pay of professional and administrative occupations	3	A-7. Weekly hours and pay of technical and protective service occupations	22
A-2. Weekly hours and pay of technical and protective service occupations	8	A-8. Weekly hours and pay of clerical occupations	24
A-3. Weekly hours and pay of clerical occupations	10	A-9. Hourly pay of maintenance and toolroom occupations	26
A-4. Hourly pay of maintenance and toolroom occupations	13	A-10. Hourly pay of material movement and custodial occupations	28
A-5. Hourly pay of material movement and custodial occupations	15		
Establishments employing 500 workers or more:			
A-6. Weekly hours and pay of professional and administrative occupations	17	Appendixes:	
		A. Scope and method of survey	A-1
		B. Occupational descriptions	B-1

Introduction

This survey of occupational pay in the Philadelphia–Wilmington–Atlantic City, PA–NJ–DE–MD Consolidated Metropolitan Statistical Area (Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA; Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem Counties, NJ; New Castle County, DE; and Cecil County, MD) 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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over	
PROFESSIONAL OCCUPATIONS																											
Accountants																											
Level I	307	38.4	\$525	\$522	\$475 - \$577	1	35	52	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	283	38.5	528	525	481 - 577	1	33	54	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	243	38.3	513	510	475 - 554	2	37	58	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	1,585	39.0	650	647	577 - 719	-	1	31	39	20	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,449	39.2	653	651	577 - 721	-	1	31	38	21	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	544	39.8	672	672	595 - 731	-	(³)	25	36	25	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	510	39.8	677	672	625 - 732	-	(³)	22	36	27	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	905	38.9	641	638	577 - 698	-	2	34	40	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	136	37.1	624	630	591 - 653	-	3	32	49	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	1,824	38.9	816	808	731 - 897	-	-	(³)	20	28	29	15	6	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,622	39.2	818	808	748 - 898	-	-	(³)	17	30	28	17	7	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	459	39.9	872	875	802 - 940	-	-	-	6	19	36	28	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	375	39.9	889	898	813 - 969	-	-	-	2	21	30	34	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,163	39.0	797	771	723 - 859	-	-	1	21	34	25	12	6	-	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	67	38.6	832	801	735 - 962	-	-	-	19	9	43	22	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	202	36.6	800	760	698 - 897	-	-	-	44	14	33	2	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	771	39.0	1,104	1,073	962 - 1,250	-	-	-	-	2	7	21	25	13	15	10	4	1	1	-	-	-	-	-	-	-	-
Private industry	693	39.2	1,126	1,092	1,000 - 1,295	-	-	-	-	2	3	20	26	14	16	12	5	1	1	-	-	-	-	-	-	-	-
Goods-producing industries	282	39.9	1,146	1,103	1,027 - 1,295	-	-	-	-	1	1	4	43	15	14	17	4	-	-	-	-	-	-	-	-	-	-
Manufacturing	252	39.9	1,160	1,140	1,027 - 1,297	-	-	-	-	2	2	1	40	16	15	19	5	-	-	-	-	-	-	-	-	-	-
Service-producing industries	411	38.7	1,112	1,071	962 - 1,288	-	-	-	-	2	4	31	15	14	18	8	5	2	1	-	-	-	-	-	-	-	-
State and local government	78	37.3	918	869	869 - 972	-	-	-	-	8	46	29	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Level V	117	39.4	1,423	1,438	1,306 - 1,558	-	-	-	-	-	-	4	3	2	15	12	32	14	15	3	-	-	-	-	-	-	-
Private industry	102	39.7	1,463	1,456	1,375 - 1,566	-	-	-	-	-	-	-	2	1	10	14	37	16	17	4	-	-	-	-	-	-	-
Goods-producing industries	92	39.8	1,473	1,472	1,385 - 1,566	-	-	-	-	-	-	-	2	1	7	15	36	17	17	4	-	-	-	-	-	-	-
Manufacturing	92	39.8	1,473	1,472	1,385 - 1,566	-	-	-	-	-	-	-	2	1	7	15	36	17	17	4	-	-	-	-	-	-	-
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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over		
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	104	36.7	924	819	802 - 938	-	-	-	-	21	48	8	3	2	6	9	4	-	-	-	-	-	-	-	-	-	-	-
State and local government	85	36.4	852	813	801 - 851	-	-	-	-	25	58	7	2	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	429	38.0	1,281	1,279	1,170 - 1,385	-	-	-	-	-	-	9	6	17	24	20	10	9	4	1	-	-	-	-	-	-	-	-
State and local government	93	37.9	1,088	1,071	1,011 - 1,173	-	-	-	-	-	-	25	29	30	15	1	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	277	39.0	1,697	1,597	1,490 - 1,911	-	-	-	-	-	-	-	(³)	2	1	10	17	25	8	9	3	3	16	5	1	-	-	
Private industry	233	39.3	1,750	1,635	1,547 - 2,017	-	-	-	-	-	-	-	-	(³)	(³)	9	9	28	9	11	4	4	19	6	2	-	-	
Goods-producing industries	144	38.9	1,588	1,592	1,490 - 1,633	-	-	-	-	-	-	-	-	-	1	1	15	14	42	8	6	6	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	-	-	-	-	-	-	-	-	
Level V	134	39.9	1,901	1,785	1,719 - 2,089	-	-	-	-	-	-	-	-	-	-	-	-	-	24	26	23	1	6	8	2	9	9	
Private industry	127	40.0	1,909	1,801	1,719 - 2,115	-	-	-	-	-	-	-	-	-	-	-	-	-	24	25	24	1	6	9	2	9	9	
Engineers																												
Level I	836	39.9	666	685	596 - 726	-	8	20	33	34	4	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	799	40.0	668	685	596 - 728	-	8	20	33	34	5	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	480	40.0	706	692	685 - 740	-	-	7	44	42	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	470	40.0	709	695	685 - 740	-	-	5	45	43	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	37	37.7	616	625	569 - 659	-	22	19	41	16	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	1,374	39.6	817	802	735 - 877	-	-	(³)	11	38	31	14	3	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,200	39.8	826	808	738 - 885	-	-	-	8	39	32	15	3	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	988	39.8	836	824	762 - 885	-	-	-	3	39	36	16	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	958	39.8	837	825	769 - 888	-	-	-	3	38	36	17	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	212	40.0	778	735	693 - 882	-	-	-	28	40	16	9	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	174	38.1	754	759	680 - 811	-	-	3	33	30	26	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	3,702	39.8	1,026	1,006	892 - 1,139	-	-	-	2	8	17	21	22	14	9	5	4	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	3,470	39.9	1,035	1,020	900 - 1,145	-	-	-	2	7	15	21	23	14	9	5	4	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	2,896	39.9	1,043	1,024	906 - 1,162	-	-	-	2	7	13	22	21	14	10	6	5	(³)	-	-	-	-	-	-	-	-	-	-
Manufacturing	2,866	39.9	1,043	1,023	904 - 1,165	-	-	-	2	7	14	22	20	14	10	6	5	(³)	-	-	-	-	-	-	-	-	-	-
Service-producing industries	574	40.0	991	1,006	871 - 1,080	-	-	-	1	7	24	16	30	14	6	2	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	232	38.0	895	866	827 - 967	-	-	-	2	13	42	29	9	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	3,669	39.8	1,210	1,200	1,068 - 1,332	-	-	-	(³)	2	11	18	18	19	17	8	4	1	(³)	-	1	-	-	-	-	-	-	
Private industry	3,473	39.9	1,218	1,212	1,079 - 1,338	-	-	-	(³)	3	10	16	19	19	18	9	4	1	(³)	-	1	-	-	-	-	-	-	
Goods-producing industries	2,678	39.9	1,210	1,207	1,068 - 1,333	-	-	-	-	3	11	18	16	19	20	6	4	(³)	(³)	-	2	-	-	-	-	-	-	
Manufacturing	2,564	39.9	1,213	1,210	1,071 - 1,338	-	-	-	-	3	10	18	16	20	19	6	4	(³)	(³)	-	2	-	-	-	-	-	-	
Service-producing industries	795	40.0	1,247	1,225	1,154 - 1,379	-	-	-	(³)	-	7	11	26	19	12	17	5	1	-	-	-	-	-	-	-	-	-	
State and local government	196	38.2	1,069	1,049	1,049 - 1,124	-	-	-	-	2	17	56	15	8	1	2	-	-	-	-	-	-	-	-	-	-	-	
Level V	2,216	39.9	1,464	1,454	1,333 - 1,613	-	-	-	-	-	-	3	9	9	18	18	16	14	10	2	1	1	-	-	-	-		
Private industry	2,155	40.0	1,470	1,468	1,348 - 1,615	-	-	-	-	-	-	3	8	8	18	18	16	14	10	2	1	1	-	-	-	-		
Goods-producing industries	1,752	40.0	1,497	1,488	1,378 - 1,636	-	-	-	-	-	-	1	6	5	20	19	17	16	12	2	1	(³)	-	-	-	-		
Manufacturing	1,722	40.0	1,500	1,495	1,378 - 1,637	-	-	-	-	-	-	1	6	5	20	19	18	16	12	2	1	(³)	-	-	-	-		
Service-producing industries	403	40.0	1,351	1,310	1,160 - 1,520	-	-	-	-	-	-	15	16	18	9	14	10	9	2	-	2	3	-	-	-	-		

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over
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
Level VII	141	40.0	2,112	1,731	1,731 - 2,538	-	-	-	-	-	-	-	-	-	-	6	-	9	42	1	1	7	8	6	21	
Private industry	141	40.0	2,112	1,731	1,731 - 2,538	-	-	-	-	-	-	-	-	-	-	6	-	9	42	1	1	7	8	6	21	
ADMINISTRATIVE OCCUPATIONS																										
Budget Analysts																										
Level II	179	38.6	641	625	574 - 737	-	3	40	29	21	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	120	39.3	667	666	585 - 737	-	5	29	27	31	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	76	38.8	644	-	- - -	-	8	33	30	28	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	59	37.3	588	574	505 - 622	-	-	63	32	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	126	38.8	567	548	506 - 592	-	16	63	10	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	121	38.9	565	548	506 - 592	-	17	64	7	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	61	40.0	585	-	- - -	-	33	41	3	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	60	37.7	544	-	- - -	-	-	88	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	772	39.1	679	673	596 - 765	-	-	28	36	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	690	39.5	672	660	596 - 721	-	-	30	39	15	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	329	39.7	709	691	645 - 773	-	-	16	39	22	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	319	39.7	707	691	645 - 769	-	-	17	40	19	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	361	39.2	638	613	567 - 680	-	-	43	39	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	82	36.2	742	784	714 - 784	-	-	12	12	60	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	296	39.3	910	916	827 - 998	-	-	-	4	10	29	33	18	6	-	-	-	-	-	-	-	-	-	-	-	
Private industry	268	39.5	918	916	836 - 1,024	-	-	-	3	9	27	34	19	7	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	210	39.4	941	916	886 - 1,035	-	-	-	-	6	21	43	25	5	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	210	39.4	941	916	886 - 1,035	-	-	-	-	6	21	43	25	5	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	58	40.0	835	-	- - -	-	-	-	14	22	50	-	-	14	-	-	-	-	-	-	-	-	-	-	-	
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	875	39.1	673	672	589 - 739	-	2	26	38	22	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	849	39.2	674	673	589 - 741	-	2	27	38	21	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	666	38.9	645	654	583 - 690	-	2	33	45	14	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	26	38.3	661	-	- - -	-	-	12	54	31	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over		
Level III	1,534	39.1	\$798	\$779	\$731 -- \$865	-	(³)	2	15	37	31	12	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	1,478	39.2	800	785	731 -- 865	-	(³)	2	14	37	32	12	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	197	39.8	868	874	771 -- 915	-	-	-	2	25	41	29	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	191	39.8	872	874	771 -- 921	-	-	-	-	26	42	29	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,281	39.1	789	769	723 -- 848	-	(³)	2	16	38	31	10	(³)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transportation and utilities	45	38.9	779	765	743 -- 788	-	-	-	-	89	9	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	56	36.2	743	752	637 -- 798	-	-	-	38	39	11	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	469	39.1	831	804	747 -- 899	-	-	2	9	36	28	13	7	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	429	39.1	840	815	750 -- 904	-	-	2	7	36	28	14	8	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	360	39.0	840	808	747 -- 909	-	-	2	8	37	25	15	8	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	40	38.4	736	735	662 -- 799	-	-	7	30	38	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	1,958	39.0	983	987	911 -- 1,058	-	-	(³)	(³)	7	14	33	32	11	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,836	39.1	989	990	922 -- 1,058	-	-	(³)	(³)	6	14	32	33	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	602	39.9	991	987	925 -- 1,058	-	-	(³)	(³)	4	8	43	32	11	1	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	597	39.9	993	987	925 -- 1,058	-	-	(³)	(³)	4	8	43	32	11	1	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,234	38.8	988	990	904 -- 1,058	-	-	-	(³)	7	17	27	33	12	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	122	37.5	888	901	818 -- 921	-	-	-	5	20	16	41	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	1,881	39.5	1,121	1,125	1,036 -- 1,221	-	-	-	-	1	4	11	27	27	24	6	(³)	-	-	-	-	-	-	-	-	-	-	
Private industry	1,829	39.5	1,123	1,130	1,035 -- 1,223	-	-	-	-	1	4	11	25	28	24	6	(³)	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	702	40.0	1,144	1,142	1,081 -- 1,231	-	-	-	-	1	2	6	24	32	30	5	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	702	40.0	1,144	1,142	1,081 -- 1,231	-	-	-	-	1	2	6	24	32	30	5	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,127	39.3	1,110	1,112	1,000 -- 1,213	-	-	-	-	1	5	15	27	26	20	6	(³)	-	-	-	-	-	-	-	-	-	-	
State and local government	52	37.2	1,048	1,049	1,049 -- 1,049	-	-	-	-	2	10	6	67	4	12	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	538	38.9	1,327	1,332	1,210 -- 1,432	-	-	-	-	(³)	(³)	9	7	27	22	19	10	5	1	-	-	-	-	-	-	-	-	
Private industry	538	38.9	1,327	1,332	1,210 -- 1,432	-	-	-	-	(³)	(³)	9	7	27	22	19	10	5	1	-	-	-	-	-	-	-	-	
Computer Systems Analyst Supervisors/Managers																												
Level I	194	39.4	1,244	1,230	1,135 -- 1,336	-	-	-	-	1	1	2	9	27	28	14	15	2	2	-	-	-	-	-	-	-	-	
Private industry	167	39.9	1,254	1,235	1,140 -- 1,360	-	-	-	-	-	1	-	10	24	32	10	18	2	2	-	-	-	-	-	-	-	-	
State and local government	27	36.3	1,184	1,200	1,124 -- 1,336	-	-	-	-	4	-	11	-	44	-	41	-	-	-	-	-	-	-	-	-	-	-	
Level II	423	39.1	1,412	1,381	1,306 -- 1,490	-	-	-	-	-	-	-	2	4	17	36	17	10	10	1	1	1	1	-	-	-	-	
Private industry	423	39.1	1,412	1,381	1,306 -- 1,490	-	-	-	-	-	-	-	2	4	17	36	17	10	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	347	39.0	1,400	1,385	1,300 -- 1,490	-	-	-	-	-	-	-	2	4	18	34	19	12	10	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over			
Personnel Specialists																													
Level II	860	39.0	\$638	\$630	\$573 -- \$692	-	8	30	38	16	8	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	792	39.2	631	624	567 -- 690	-	8	31	39	16	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	173	39.3	711	712	654 -- 808	-	2	15	24	31	27	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	171	39.3	712	712	659 -- 808	-	2	14	25	31	27	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	619	39.1	609	606	548 -- 645	-	10	36	43	12	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transportation and utilities	31	37.1	685	-	-	-	-	6	39	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	68	37.2	720	698	652 -- 838	-	4	13	34	13	32	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	1,165	38.6	796	788	708 -- 883	-	-	4	20	30	23	16	5	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	995	38.9	801	792	712 -- 891	-	-	4	20	29	24	15	6	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	283	39.8	829	800	731 -- 962	-	-	(³)	19	29	19	19	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	273	39.7	827	800	731 -- 962	-	-	(³)	19	30	16	20	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	712	38.6	790	792	696 -- 871	-	-	5	21	29	26	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	170	36.5	768	735	698 -- 827	-	-	6	21	37	18	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	603	39.0	1,030	1,029	910 -- 1,143	-	-	-	-	6	13	19	31	22	6	3	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	521	39.2	1,029	1,029	904 -- 1,143	-	-	-	-	7	14	18	29	22	7	3	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	135	39.9	1,132	1,177	1,058 -- 1,192	-	-	-	-	-	-	20	23	43	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	135	39.9	1,132	1,177	1,058 -- 1,192	-	-	-	-	-	-	20	23	43	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	386	39.0	993	1,019	889 -- 1,090	-	-	-	-	9	19	18	31	15	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	82	37.6	1,042	1,049	981 -- 1,100	-	-	-	-	-	4	24	46	21	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level V	241	39.8	1,389	1,371	1,250 -- 1,588	-	-	-	-	-	-	7	2	6	18	20	16	6	19	-	5	-	-	-	-	-	-	-	-
Private industry	231	39.9	1,386	1,366	1,250 -- 1,561	-	-	-	-	-	-	7	3	5	19	20	17	6	18	-	5	-	-	-	-	-	-	-	-
Goods-producing industries	135	39.9	1,410	1,371	1,248 -- 1,592	-	-	-	-	-	-	6	-	7	25	17	11	10	16	-	9	-	-	-	-	-	-	-	-
Manufacturing	125	39.9	1,389	1,365	1,246 -- 1,549	-	-	-	-	-	-	6	-	7	27	18	12	10	9	-	10	-	-	-	-	-	-	-	-
Service-producing industries	96	39.8	1,350	1,337	1,260 -- 1,464	-	-	-	-	-	-	9	6	3	10	25	25	-	21	-	-	-	-	-	-	-	-	-	-
Level VI	67	40.0	1,547	-	-	-	-	-	-	-	-	-	-	4	22	9	4	18	3	27	3	9	-	-	-	-	-	-	-
Private industry	67	40.0	1,547	-	-	-	-	-	-	-	-	-	-	4	22	9	4	18	3	27	3	9	-	-	-	-	-	-	-
Personnel Supervisors/Managers																													
Level II	120	38.1	1,345	1,277	1,216 -- 1,500	-	-	-	-	-	-	10	13	30	10	2	27	3	1	3	1	-	-	-	-	-	-	-	-
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.

⁴ Workers were distributed as follows: 4 percent at \$2,600 and under \$2,800; 4 percent at \$2,800 and under \$3,000; 4 percent at \$3,000 and under \$3,200; 4 percent at \$3,200 and under \$3,400; and 4 percent at \$3,400 and under \$3,600.

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over	
TECHNICAL OCCUPATIONS																											
Computer Operators																											
Level II	825	38.6	\$455	\$448	\$412 -- \$519	1	3	11	6	25	7	5	12	11	11	8	1	-	-	-	-	-	-	-	-	-	-
Private industry	736	39.0	448	425	400 -- 497	1	3	12	6	27	8	6	13	6	11	7	1	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	111	39.6	476	452	422 -- 544	-	-	-	-	50	-	5	11	1	11	20	4	-	-	-	-	-	-	-	-	-	-
Manufacturing	107	39.6	477	422	422 -- 544	-	-	-	-	51	-	1	11	1	11	21	4	-	-	-	-	-	-	-	-	-	-
Service-producing industries	625	38.9	443	425	388 -- 497	1	3	14	7	24	9	6	13	7	11	5	(³)	-	-	-	-	-	-	-	-	-	
State and local government	89	35.8	519	520	515 -- 535	-	-	-	1	3	1	4	11	52	8	16	3	-	-	-	-	-	-	-	-	-	
Level III	515	38.4	599	615	550 -- 654	-	-	-	-	2	4	3	3	2	5	26	26	20	6	2	-	(³)	-	-	-	-	
Private industry	386	38.8	602	615	550 -- 652	-	-	-	-	1	6	3	4	-	5	24	30	15	9	2	-	1	-	-	-	-	
Goods-producing industries	61	39.1	654	-	-	-	-	-	-	-	-	3	-	-	11	34	31	3	13	-	3	-	-	-	-	-	
Manufacturing	61	39.1	654	-	-	-	-	-	-	-	-	3	-	-	11	34	31	3	13	-	3	-	-	-	-	-	
Service-producing industries	325	38.8	592	604	550 -- 635	-	-	-	-	1	7	3	5	-	6	27	30	12	10	(³)	-	-	-	-	-	-	
State and local government	129	37.1	590	593	551 -- 667	-	-	-	-	5	-	3	-	9	4	31	12	35	-	-	-	-	-	-	-	-	
Level IV	51	38.3	654	-	-	-	-	-	-	-	-	8	-	-	-	31	6	31	12	4	8	-	-	-	-	-	
Drafters																											
Level II	287	39.7	568	580	529 -- 620	-	-	-	-	5	4	5	4	3	15	27	28	4	6	-	-	-	-	-	-	-	-
Private industry	280	39.7	566	580	529 -- 620	-	-	-	-	5	4	5	4	3	15	27	26	4	6	-	-	-	-	-	-	-	-
Goods-producing industries	178	39.6	575	587	556 -- 620	-	-	-	-	7	7	-	-	8	43	29	7	-	-	-	-	-	-	-	-	-	
Service-producing industries	102	40.0	551	529	494 -- 600	-	-	-	-	14	-	2	11	9	27	-	21	-	17	-	-	-	-	-	-	-	
Level III	455	39.9	643	636	596 -- 702	-	-	-	-	-	-	-	2	1	1	22	24	22	25	(³)	2	-	(³)	-	-	-	
Private industry	444	40.0	644	643	597 -- 702	-	-	-	-	-	-	-	1	1	1	22	24	22	26	(³)	2	-	(³)	-	-	-	
Goods-producing industries	415	40.0	643	652	597 -- 702	-	-	-	-	-	-	-	1	1	1	22	24	22	27	(³)	2	-	-	-	-	-	
Manufacturing	415	40.0	643	652	597 -- 702	-	-	-	-	-	-	-	1	1	1	22	24	22	27	(³)	2	-	-	-	-	-	
State and local government	11	35.0	607	-	-	-	-	-	-	-	-	-	9	-	-	36	27	27	-	-	-	-	-	-	-	-	
Level IV	82	40.0	881	919	842 -- 919	-	-	-	-	-	-	-	-	-	-	-	-	9	9	2	20	5	34	7	15	-	
Private industry	79	40.0	889	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9	3	20	5	35	8	15	-	
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	463	39.9	693	686	610 -- 804	-	-	-	-	-	-	-	5	9	2	8	16	14	12	7	16	9	3	-	-	-	
Private industry	453	40.0	694	686	610 -- 804	-	-	-	-	-	-	-	5	9	2	8	15	15	12	6	16	9	3	-	-	-	
Goods-producing industries	210	39.9	767	788	686 -- 831	-	-	-	-	-	-	-	-	(³)	-	-	14	21	6	10	25	20	2	-	-	-	
Manufacturing	210	39.9	767	788	686 -- 831	-	-	-	-	-	-	-	-	(³)	-	-	14	21	6	10	25	20	2	-	-	-	
Level IV	885	39.8	837	833	743 -- 936	-	-	-	-	-	-	-	-	-	-	1	8	6	15	14	16	6	13	6	14	2	
Private industry	878	39.8	838	833	743 -- 936	-	-	-	-	-	-	-	-	-	-	1	8	6	15	14	16	6	13	6	14	2	
Goods-producing industries	386	39.6	799	782	743 -- 867	-	-	-	-	-	-	-	-	-	-	-	1	9	27	20	17	4	19	2	1	-	
Manufacturing	386	39.6	799	782	743 -- 867	-	-	-	-	-	-	-	-	-	-	-	1	9	27	20	17	4	19	2	1	-	
Service-producing industries	492	40.0	868	856	756 -- 1,000	-	-	-	-	-	-	-	-	-	-	1	14	3	5	9	15	7	9	10	24	3	

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over	
Level V	883	40.0	\$1,009	\$1,019	\$924 - \$1,102	-	-	-	-	-	-	-	-	-	-	-	-	(³)	3	6	4	4	12	18	26	27	
Private industry	878	40.0	1,010	1,020	929 - 1,102	-	-	-	-	-	-	-	-	-	-	-	-	(³)	3	6	3	4	12	18	27	27	
Goods-producing industries	148	40.0	918	904	891 - 963	-	-	-	-	-	-	-	-	-	-	-	-	12	2	3	8	30	32	9	3		
Manufacturing	148	40.0	918	904	891 - 963	-	-	-	-	-	-	-	-	-	-	-	-	12	2	3	8	30	32	9	3		
Service-producing industries	730	40.0	1,029	1,044	952 - 1,120	-	-	-	-	-	-	-	-	-	-	-	(³)	1	7	3	4	8	15	30	432		
Engineering Technicians, Civil																											
Level I	93	38.0	452	472	424 - 485	-	-	6	14	6	6	26	40	1	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	83	37.8	458	472	446 - 485	-	-	7	10	1	7	29	45	1	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	107	36.9	538	553	503 - 580	-	-	-	-	4	7	7	5	11	14	49	4	-	-	-	-	-	-	-	-	-	
State and local government	103	36.8	539	553	503 - 580	-	-	-	-	4	7	7	5	10	14	50	4	-	-	-	-	-	-	-	-	-	
Level III	216	37.4	585	597	512 - 642	-	-	-	-	-	-	5	18	4	3	23	36	10	1	(³)	-	(³)	-	-	-	-	
State and local government	200	37.2	579	594	499 - 642	-	-	-	-	-	-	5	19	4	3	22	37	8	1	-	-	-	-	-	-	-	
Level IV	82	38.3	723	731	712 - 755	-	-	-	-	-	-	-	-	-	2	2	2	15	30	45	2	-	-	-	-	-	
State and local government	70	38.0	721	747	698 - 755	-	-	-	-	-	-	-	-	-	3	3	3	17	24	47	3	-	-	-	-	-	
Level V	85	39.3	832	858	764 - 860	-	-	-	-	-	-	-	-	-	-	-	1	-	19	13	14	34	19	-	-		
State and local government	29	37.8	870	891	812 - 936	-	-	-	-	-	-	-	-	-	-	-	3	-	-	10	28	17	41	-	-		
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	5,678	40.0	612	569	517 - 650	-	-	-	-	7	3	7	4	10	5	31	8	3	4	1	5	2	11	-	-	-	
State and local government	5,678	40.0	612	569	517 - 650	-	-	-	-	7	3	7	4	10	5	31	8	3	4	1	5	2	11	-	-	-	
Firefighters	2,720	44.6	757	684	684 - 884	-	-	-	-	-	-	-	3	3	5	(³)	2	52	-	1	-	12	8	7	7	1	
State and local government	2,716	44.6	757	684	684 - 884	-	-	-	-	-	-	-	3	3	5	(³)	2	52	-	1	-	12	8	7	7	1	
Police Officers																											
Level I	9,487	40.2	744	711	661 - 785	-	-	-	(³)	(³)	1	(³)	2	6	7	7	9	38	6	2	8	3	3	3	6		
State and local government	9,427	40.2	744	711	661 - 785	-	-	-	(³)	(³)	1	(³)	2	6	7	7	9	38	6	2	8	3	3	3	6		

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

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

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 25 percent at \$1,100 and under \$1,200; 6 percent at \$1,200 and under \$1,300; and 1 percent at \$1,300 and under \$1,400.

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	182	39.0	\$336	\$330	\$317 - \$360	-	-	12	-	1	25	25	18	8	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	181	39.0	336	330	317 - 360	-	-	12	-	1	25	25	18	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	180	39.0	336	330	317 - 360	-	-	12	-	1	24	25	18	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	3,746	38.5	423	420	381 - 450	-	-	-	-	(³)	4	6	12	9	43	14	6	2	2	(³)	(³)	-	-	-	-	-	-	-
Private industry	3,355	38.7	421	420	381 - 446	-	-	-	-	(³)	4	7	11	9	45	14	6	1	1	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	813	39.5	432	427	400 - 447	-	-	-	-	-	2	4	15	55	17	4	-	1	1	(³)	(³)	-	-	-	-	-	-	-
Manufacturing	688	39.4	437	436	408 - 458	-	-	-	-	-	2	2	15	53	19	5	-	1	1	(³)	(³)	-	-	-	-	-	-	-
Service-producing industries	2,542	38.4	417	419	370 - 446	-	-	-	-	(³)	6	9	13	7	42	13	7	2	1	(³)	(³)	-	-	-	-	-	-	-
State and local government	391	37.1	445	433	373 - 473	-	-	-	-	-	1	24	13	25	16	6	3	11	(³)	(³)	-	-	-	-	-	-	-	-
Level III	2,097	38.7	484	483	425 - 527	-	-	-	-	-	2	1	1	7	20	25	26	10	3	3	(³)	(³)	-	-	-	-	-	-
Private industry	1,630	39.2	479	474	423 - 521	-	-	-	-	-	3	2	1	9	21	29	19	12	1	3	(³)	(³)	-	-	-	-	-	-
Goods-producing industries	593	39.8	518	504	423 - 581	-	-	-	-	-	-	-	-	7	22	14	16	27	4	10	(³)	(³)	-	-	-	-	-	-
Service-producing industries	1,037	38.9	457	467	425 - 496	-	-	-	-	-	4	3	2	10	20	37	21	3	-	-	-	-	-	-	-	-	-	-
State and local government	467	37.1	500	500	460 - 528	-	-	-	-	-	(³)	2	2	18	13	48	5	10	2	-	-	-	-	-	-	-	-	-
Level IV	309	39.5	586	591	517 - 644	-	-	-	-	-	-	-	-	-	19	11	28	37	2	2	2	-	-	-	-	-	-	-
Private industry	281	39.9	591	596	540 - 644	-	-	-	-	-	-	-	-	-	-	21	5	28	40	2	2	2	-	-	-	-	-	-
Goods-producing industries	146	40.0	635	644	621 - 644	-	-	-	-	-	-	-	-	-	-	-	-	17	77	-	3	2	-	-	-	-	-	-
Manufacturing	146	40.0	635	644	621 - 644	-	-	-	-	-	-	-	-	-	-	-	-	17	77	-	3	2	-	-	-	-	-	-
Service-producing industries	135	39.7	543	540	488 - 586	-	-	-	-	-	-	-	-	-	-	44	10	40	-	4	-	2	-	-	-	-	-	-
State and local government	28	35.9	538	-	-	-	-	-	-	-	-	-	-	-	-	75	21	-	4	-	-	-	-	-	-	-	-	-
Clerks, General																												
Level I	99	39.7	316	322	280 - 361	-	-	3	17	28	3	20	24	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	87	40.0	308	280	280 - 361	-	-	3	20	32	1	16	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	2,312	38.0	378	375	335 - 425	-	-	3	5	3	10	9	18	16	20	7	7	1	-	-	-	-	-	-	-	-	-	-
Private industry	1,332	38.4	351	349	306 - 391	-	-	6	8	5	16	14	17	12	15	2	5	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries:						-	-	-	-	-	16	13	5	24	18	-	23	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	198	39.7	409	389	329 - 446	-	-	-	-	-	16	13	5	24	18	-	23	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	1,039	38.0	336	336	300 - 369	-	-	8	11	6	18	16	19	10	9	2	2	-	-	-	-	-	-	-	-	-	-	-
Transportation and utilities	33	38.4	400	-	-	-	-	-	-	-	-	-	27	-	55	6	12	-	-	-	-	-	-	-	-	-	-	-
State and local government	980	37.4	416	408	369 - 455	-	-	-	1	1	2	3	19	22	25	14	11	2	-	-	-	-	-	-	-	-	-	-
Level III	3,462	37.5	423	411	375 - 462	-	-	-	-	(³)	13	5	6	16	29	17	5	3	2	3	-	(³)	-	-	-	-	-	-
Private industry	2,107	38.0	402	394	349 - 444	-	-	-	-	(³)	18	7	8	17	27	17	3	1	2	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	250	39.9	471	449	413 - 483	-	-	-	-	-	-	5	10	2	34	28	3	2	13	2	-	3	-	-	-	-	-	-
Manufacturing	230	39.9	457	449	410 - 462	-	-	-	-	-	-	5	11	2	37	30	3	2	5	2	-	3	-	-	-	-	-	-
Service-producing industries	1,857	37.8	392	385	340 - 432	-	-	-	-	1	21	7	8	20	26	15	3	1	(³)	-	-	-	-	-	-	-	-	-
Transportation and utilities	187	40.0	414	430	314 - 456	-	-	-	-	-	28	2	-	14	17	29	-	6	4	-	-	-	-	-	-	-	-	-
State and local government	1,355	36.7	456	447	403 - 498	-	-	-	-	(³)	5	4	2	13	32	19	9	7	2	6	-	-	-	-	-	-	-	-
Level IV	1,305	38.3	513	485	419 - 638	-	-	-	-	(³)	8	4	4	4	20	18	10	9	15	4	4	2	2	-	-	-	-	-
Private industry	1,055	38.5	492	478	416 - 569	-	-	-	-	(³)	10	4	4	4	22	18	13	11	16	2	1	1	-	-	-	-	-	-
Goods-producing industries	111	40.0	601	573	563 - 655	-	-	-	-	-	-	-	-	-	3	5	11	46	5	14	5	11	-	-	-	-	-	-
Manufacturing	111	40.0	601	573	563 - 655	-	-	-	-	-	-	-	-	-	3	5	11	46	5	14	5	11	-	-	-	-	-	-
Service-producing industries	944	38.3	479	466	403 - 546	-	-	-	-	(³)	11	4	4	4	24	19	13	7	17	-	-	-	-	-	-	-	-	-
State and local government	250	37.7	602	638	474 - 718	-	-	-	-	-	-	-	2	6	15	18	2	2	10	16	19	3	8	-	-	-	-	-

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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
Clerks, Order																										
Level I:																										
Private industry:																										
Goods-producing industries	295	39.2	\$424	\$437	\$413 - \$450	-	-	-	-	-	1	22	-	48	28	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	295	39.2	424	437	413 - 450	-	-	-	-	-	1	22	-	48	28	-	-	-	-	-	-	-	-	-	-	-
Key Entry Operators																										
Level I	1,717	39.0	357	333	304 - 409	-	-	-	1	18	22	16	6	7	24	6	(³)	(³)	(³)	-	-	-	-	-	-	-
Private industry	1,632	39.2	355	333	304 - 405	-	-	-	1	17	23	17	6	8	24	4	(³)	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	162	39.6	378	380	328 - 405	-	-	-	-	-	20	12	2	21	43	-	-	1	1	-	-	-	-	-	-	
Manufacturing	162	39.6	378	380	328 - 405	-	-	-	-	-	20	12	2	21	43	-	-	1	1	-	-	-	-	-	-	
Service-producing industries	1,470	39.1	353	332	304 - 405	-	-	-	1	19	23	17	6	6	22	5	(³)	-	-	-	-	-	-	-	-	
State and local government	85	35.3	399	412	305 - 496	-	-	-	1	22	4	7	7	-	25	31	4	-	-	-	-	-	-	-	-	
Level II	815	38.3	440	433	400 - 485	-	-	-	-	-	(³)	3	12	12	30	28	12	3	1	-	-	-	-	-	-	
Private industry	699	38.7	440	435	400 - 487	-	-	-	-	-	(³)	4	11	9	31	30	13	2	-	-	-	-	-	-	-	
Service-producing industries	450	37.9	454	461	417 - 490	-	-	-	-	-	1	1	7	3	37	32	16	3	-	-	-	-	-	-	-	
State and local government	116	36.1	440	418	382 - 485	-	-	-	-	-	-	-	16	28	22	14	7	8	6	-	-	-	-	-	-	
Personnel Assistants (Employment)																										
Level II	147	37.1	463	455	430 - 512	-	-	-	-	-	8	2	14	19	17	35	4	-	-	-	-	-	-	-	-	
Private industry	56	37.5	441	-	-	-	-	-	-	-	-	21	2	-	29	36	5	7	-	-	-	-	-	-	-	
State and local government	91	36.9	476	500	387 - 546	-	-	-	-	-	-	-	2	23	13	5	54	2	-	-	-	-	-	-	-	
Level III	136	38.0	537	511	493 - 592	-	-	-	-	-	-	-	-	9	5	18	35	13	8	6	7	-	-	-	-	
Private industry	88	39.4	508	510	483 - 528	-	-	-	-	-	-	-	-	11	7	25	43	-	7	6	1	-	-	-	-	
State and local government	48	35.6	591	592	535 - 642	-	-	-	-	-	-	-	-	4	2	4	21	35	10	6	17	-	-	-	-	
Secretaries																										
Level I	747	38.5	441	437	378 - 496	-	-	-	-	-	6	1	14	11	27	17	20	2	2	1	-	-	-	-	-	
Private industry	443	38.6	436	437	379 - 481	-	-	-	-	-	2	2	9	16	33	27	8	2	-	1	-	-	-	-	-	
Goods-producing industries	110	40.0	403	379	378 - 431	-	-	-	-	-	-	-	4	49	40	7	-	-	-	-	-	-	-	-	-	
Manufacturing	102	40.0	405	379	378 - 431	-	-	-	-	-	-	-	-	53	39	8	-	-	-	-	-	-	-	-	-	
Service-producing industries	333	38.1	447	448	410 - 492	-	-	-	-	-	3	2	10	5	30	34	11	3	-	2	-	-	-	-	-	
State and local government	304	38.5	447	425	371 - 523	-	-	-	-	-	10	-	21	4	19	2	37	1	5	-	-	-	-	-	-	
Level II	3,815	38.1	472	473	424 - 522	-	-	-	-	-	2	4	6	5	20	27	18	12	3	1	(³)	(³)	(³)	-	-	
Private industry	3,234	38.3	470	474	423 - 522	-	-	-	-	-	3	5	7	5	18	28	20	12	3	1	(³)	(³)	(³)	-	-	
Goods-producing industries	387	39.4	540	547	497 - 579	-	-	-	-	-	-	-	-	-	8	18	24	36	9	3	1	1	(³)	-		
Manufacturing	363	39.3	544	557	504 - 579	-	-	-	-	-	-	-	-	-	8	16	24	38	10	3	1	1	(³)	-		
Service-producing industries	2,847	38.1	461	465	413 - 510	-	-	-	-	-	3	5	8	5	20	29	19	9	2	(³)	-	-	-	-		
State and local government	581	37.3	482	469	426 - 526	-	-	-	-	-	-	1	3	8	31	26	8	13	6	(³)	2	-	-	-		
Level III	5,638	38.4	570	568	510 - 627	-	-	-	-	-	-	-	1	1	5	15	20	23	19	10	5	2	(³)	(³)		
Private industry	4,416	38.9	568	562	510 - 626	-	-	-	-	-	-	-	2	1	5	13	22	17	11	5	2	(³)	(³)	-		
Goods-producing industries	959	39.9	624	634	560 - 686	-	-	-	-	-	-	-	-	-	2	5	16	14	23	19	18	3	(³)	-		
Manufacturing	956	39.9	624	634	560 - 687	-	-	-	-	-	-	-	-	-	2	5	15	14	23	19	18	3	(³)	-		
Service-producing industries	3,457	38.6	552	553	500 - 602	-	-	-	-	-	-	-	2	1	6	15	24	24	15	9	2	1	(³)	(³)		
Transportation and utilities	53	37.7	538	523	515 - 562	-	-	-	-	-	-	-	-	-	23	-	45	15	6	6	2	4	-	-		
State and local government	1,222	36.7	576	584	503 - 627	-	-	-	-	-	-	-	-	1	3	21	11	25	28	6	3	2	1	-		

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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
Level IV	1,934	39.1	\$664	\$644	\$594 - \$738	-	-	-	-	-	-	-	-	-	1	1	8	18	24	18	8	14	8	(³)	(³)	-
Private industry	1,643	39.5	670	646	596 - 751	-	-	-	-	-	-	-	-	-	1	1	9	16	25	15	9	15	9	(³)	(³)	-
Goods-producing industries	863	39.9	657	631	581 - 729	-	-	-	-	-	-	-	-	-	-	-	8	26	23	13	11	8	10	-	(³)	-
Manufacturing	863	39.9	657	631	581 - 729	-	-	-	-	-	-	-	-	-	-	-	8	26	23	13	11	8	10	-	(³)	-
Service-producing industries	780	39.1	683	673	615 - 800	-	-	-	-	-	-	-	-	-	2	2	9	5	26	17	6	23	8	1	-	-
State and local government	291	36.4	635	637	555 - 682	-	-	-	-	-	-	-	-	-	-	2	5	27	19	34	3	5	3	-	-	-
Level V	431	39.1	757	748	681 - 827	-	-	-	-	-	-	-	-	-	-	-	8	7	20	17	14	23	9	1	(³)	
Private industry	416	39.1	757	748	675 - 833	-	-	-	-	-	-	-	-	-	-	-	9	7	20	16	15	23	9	1	(³)	
Service-producing industries	281	38.8	781	769	714 - 863	-	-	-	-	-	-	-	-	-	-	-	7	1	11	22	19	28	11	1	-	
Switchboard Operator-Receptionists	2,375	39.0	392	397	342 - 434	2	2	(³)	1	5	7	11	11	11	30	11	9	(³)	(³)	-	-	-	-	-	-	-
Private industry	2,197	39.2	389	396	340 - 432	2	2	(³)	1	5	7	12	11	12	29	11	7	(³)	(³)	-	-	-	-	-	-	-
Goods-producing industries	480	39.8	404	415	356 - 436	-	-	-	(³)	1	6	10	15	7	40	15	7	-	-	-	-	-	-	-	-	-
Manufacturing	412	39.8	409	420	375 - 447	-	-	-	(³)	-	6	12	7	8	42	17	8	-	-	-	-	-	-	-	-	-
Service-producing industries	1,717	39.0	385	393	336 - 432	2	2	(³)	2	7	7	13	10	13	26	10	7	1	(³)	-	-	-	-	-	-	-
Transportation and utilities	74	40.4	374	384	359 - 428	-	-	-	-	22	-	3	22	27	18	9	-	-	-	-	-	-	-	-	-	-
Word Processors																										
Level I	202	38.5	416	425	380 - 462	-	-	-	2	-	-	-	21	14	31	32	(³)	-	-	-	-	-	-	-	-	-
Private industry	199	38.5	415	425	380 - 462	-	-	-	2	-	-	-	21	14	31	31	1	-	-	-	-	-	-	-	-	-
Service-producing industries	199	38.5	415	425	380 - 462	-	-	-	2	-	-	-	21	14	31	31	1	-	-	-	-	-	-	-	-	-
Level II	421	37.3	465	447	422 - 517	-	-	-	-	-	-	-	(³)	2	56	15	17	6	2	-	-	-	-	-	-	-
Private industry	217	37.4	475	468	423 - 539	-	-	-	-	-	-	-	(³)	1	41	23	25	8	1	-	-	-	-	-	-	-
Service-producing industries	211	37.3	473	468	423 - 539	-	-	-	-	-	-	-	(³)	1	42	24	24	8	(³)	-	-	-	-	-	-	-
State and local government	204	37.2	455	447	414 - 450	-	-	-	-	-	-	-	-	3	73	7	9	5	3	-	-	-	-	-	-	-
Level III	379	37.0	553	485	472 - 635	-	-	-	-	-	-	-	-	2	8	45	4	2	20	4	11	5	-	-	-	-
State and local government	193	37.8	484	485	472 - 485	-	-	-	-	-	-	-	-	-	8	84	1	-	4	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-4. All establishments: Hourly pay of maintenance and toolroom occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	2,208	\$12.16	\$11.75	\$10.50 - \$13.95	2	-	3	4	6	4	5	11	12	7	11	12	10	9	(²)	3	1	2	-	-	-	-	-	-
Private industry	1,910	11.77	11.26	10.33 - 13.50	2	-	3	5	7	4	6	12	14	8	10	12	5	8	(²)	3	(²)	(²)	-	-	-	-	-	
Goods-producing industries	373	13.44	12.50	11.63 - 14.19	-	-	-	-	-	4	-	1	16	7	23	12	12	11	1	13	-	-	-	-	-	-	-	
Manufacturing	355	13.54	13.50	11.97 - 15.12	-	-	-	-	-	5	-	1	13	7	24	12	13	11	1	14	-	-	-	-	-	-	-	
Service-producing industries	1,537	11.36	11.00	9.83 - 12.90	3	-	4	6	9	4	7	15	13	8	7	12	4	8	-	1	(²)	(²)	-	-	-	-	-	
State and local government	298	14.70	14.43	13.54 - 15.00	-	-	-	(²)	(²)	(²)	(²)	3	2	1	14	11	37	15	-	-	5	11	-	-	-	-	-	
Maintenance Electricians	2,251	18.47	18.27	16.58 - 20.86	-	-	-	-	-	-	-	(²)	(²)	-	1	5	3	8	13	13	14	11	8	17	4	-	1	
Private industry	1,844	18.62	18.30	16.65 - 21.68	-	-	-	-	-	-	-	-	-	1	6	1	7	14	15	14	4	10	20	5	-	-	2	
Goods-producing industries	1,247	18.92	18.45	16.77 - 21.68	-	-	-	-	-	-	-	-	-	-	(²)	7	1	3	15	7	17	4	14	29	2	-	(²)	
Manufacturing	1,247	18.92	18.45	16.77 - 21.68	-	-	-	-	-	-	-	-	-	(²)	7	1	3	15	7	17	4	14	29	2	-	-	(²)	
Service-producing industries	597	17.98	17.44	16.06 - 18.92	-	-	-	-	-	-	-	-	-	-	3	4	2	15	13	30	10	4	2	3	11	-	5	
State and local government	407	17.82	18.20	15.89 - 19.58	-	-	-	-	-	-	-	(²)	1	-	(²)	1	9	15	8	7	14	44	-	(²)	-	-	-	
Maintenance Electronics Technicians																												
Level II	3,215	19.00	20.86	16.50 - 21.24	-	-	-	-	-	-	-	(²)	-	1	5	5	7	5	6	6	8	5	5	32	17	(²)	-	
Private industry	3,034	19.11	21.15	16.50 - 21.24	-	-	-	-	-	-	-	(²)	-	1	5	5	7	4	6	5	4	5	5	34	18	(²)	-	
Goods-producing industries	355	17.37	17.30	14.06 - 20.86	-	-	-	-	-	-	-	-	1	-	2	9	8	14	7	1	9	-	14	34	(²)	-	-	
Manufacturing	355	17.37	17.30	14.06 - 20.86	-	-	-	-	-	-	-	-	1	-	2	9	8	14	7	1	9	-	14	34	(²)	-	-	
Service-producing industries	2,679	19.34	21.15	16.84 - 21.24	-	-	-	-	-	-	-	-	-	1	4	4	5	4	7	5	5	4	1	38	21	(²)	-	
Transportation and utilities	1,587	21.48	21.24	21.15 - 22.12	-	-	-	-	-	-	-	-	-	(²)	(²)	(²)	(²)	-	-	1	-	-	64	35	-	-	-	
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	995	18.41	18.30	16.72 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	14	3	10	10	15	1	33	10	-	(²)	-		
Private industry	922	18.46	18.30	16.72 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	14	3	11	11	12	-	36	11	-	(²)	-		
Goods-producing industries	914	18.49	18.30	16.72 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	14	2	11	11	12	-	36	11	-	(²)	-		
Manufacturing	914	18.49	18.30	16.72 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	14	2	11	11	12	-	36	11	-	(²)	-		
State and local government	73	17.77	18.20	18.20 - 20.86	-	-	-	-	-	-	-	-	-	-	3	15	-	1	14	63	16	-	-	-	-	-		
Maintenance Mechanics, Machinery	3,647	16.87	16.65	15.00 - 18.39	-	-	-	-	(²)	-	(²)	(²)	(²)	5	4	14	8	27	10	15	2	5	1	6	(²)	1		
Private industry	3,520	16.92	16.65	15.03 - 18.39	-	-	-	-	(²)	1	(²)	(²)	(²)	5	3	13	9	28	10	15	2	6	1	6	(²)	1		
Goods-producing industries	3,181	16.87	16.70	15.00 - 18.39	-	-	-	-	(²)	1	(²)	(²)	(²)	5	3	14	6	29	10	15	2	6	1	6	(²)	-		
Manufacturing	3,169	16.88	16.70	15.00 - 18.39	-	-	-	-	(²)	1	(²)	(²)	(²)	5	2	14	6	29	10	15	2	6	1	6	(²)	-		
Service-producing industries	339	17.37	16.35	15.14 - 18.75	-	-	-	-	-	-	-	1	-	1	9	-	29	14	19	11	1	2	-	6	-	7		
Maintenance Mechanics, Motor Vehicle	1,906	16.33	15.90	13.93 - 18.20	-	-	-	(²)	-	(²)	(²)	3	5	7	9	14	13	6	10	13	11	2	1	(²)	2	4		
Private industry	1,008	16.13	15.00	12.95 - 19.40	-	-	-	-	-	-	-	-	5	8	13	9	9	17	4	6	4	9	5	3	(²)	3		
Goods-producing industries	154	17.33	18.10	13.88 - 20.86	-	-	-	-	-	-	-	4	-	10	12	5	6	4	8	8	16	9	18	-	-	-		
Manufacturing	137	17.59	18.50	14.00 - 20.86	-	-	-	-	-	-	-	4	-	11	7	5	7	4	7	9	18	9	20	-	-	-		
Service-producing industries	854	15.91	15.00	12.95 - 18.10	-	-	-	-	-	-	-	5	10	14	8	9	19	4	5	3	8	4	-	(²)	4	8		
Transportation and utilities	733	15.70	14.64	12.75 - 17.75	-	-	-	-	-	-	-	6	12	14	10	11	16	3	5	2	8	2	-	(²)	4	9		
State and local government	898	16.57	17.11	14.82 - 18.20	-	-	-	(²)	-	(²)	1	1	1	1	10	19	8	9	16	23	13	-	-	-	-	-		
Maintenance Pipefitters	323	19.33	20.23	18.06 - 21.36	-	-	-	-	-	-	-	-	-	-	1	7	3	5	2	25	1	22	35	-	-	-		
Private industry	295	19.75	20.23	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	27	1	24	39	-	-	-		
Goods-producing industries	295	19.75	20.23	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	27	1	24	39	-	-	-		
Manufacturing	295	19.75	20.23	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	27	1	24	39	-	-	-		

See footnotes at end of table.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	590	\$18.27	\$18.40	\$15.78 - \$20.86	-	-	-	-	-	-	-	-	-	-	-	10	-	1	23	5	-	21	3	17	15	1	1	3
Private industry	579	18.27	18.40	15.78 - 20.86	-	-	-	-	-	-	-	-	-	-	10	-	1	23	5	-	19	3	18	15	1	1	3	
Goods-producing industries	579	18.27	18.40	15.78 - 20.86	-	-	-	-	-	-	-	-	-	-	10	-	1	23	5	-	19	3	18	15	1	1	3	
Manufacturing	579	18.27	18.40	15.78 - 20.86	-	-	-	-	-	-	-	-	-	-	10	-	1	23	5	-	19	3	18	15	1	1	3	

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

² Less than 0.5 percent.

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

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	3,249	\$12.43	\$12.52	\$11.95 - \$13.15	-	-	-	-	-	-	(²)	-	1	1	4	11	28	28	13	8	5	(²)	(²)	-	1	-	-
Private industry	3,249	12.43	12.52	11.95 - 13.15	-	-	-	-	-	-	(²)	-	1	1	4	11	28	28	13	8	5	(²)	(²)	-	1	-	-
Goods-producing industries	1,603	12.35	11.98	11.95 - 12.71	-	-	-	-	-	-	1	-	-	-	1	13	55	7	8	6	7	-	-	-	1	-	-
Manufacturing	1,603	12.35	11.98	11.95 - 12.71	-	-	-	-	-	-	1	-	-	-	1	13	55	7	8	6	7	-	-	-	1	-	-
Service-producing industries	1,646	12.51	12.52	12.52 - 13.15	-	-	-	-	-	-	-	-	1	1	7	8	2	48	19	9	4	1	(²)	-	-	-	-
Guards																											
Level I	14,031	8.03	7.70	6.75 - 8.75	1	2	7	11	9	13	11	18	7	5	2	5	4	2	1	1	(²)	(²)	(²)	-	(²)	-	-
Private industry	13,664	7.92	7.50	6.70 - 8.51	1	2	7	11	9	13	11	18	7	5	2	4	4	2	1	1	(²)	(²)	(²)	-	(²)	-	-
Goods-producing industries	299	11.55	11.98	9.45 - 13.86	-	-	-	-	-	-	-	16	1	22	-	6	5	18	7	19	2	(²)	(²)	2	-	(²)	-
Manufacturing	269	11.90	12.24	9.45 - 14.10	-	-	-	-	-	-	-	11	1	21	-	7	6	20	7	22	3	(²)	(²)	2	-	(²)	-
Service-producing industries	13,365	7.84	7.50	6.53 - 8.50	1	2	8	12	9	13	11	18	7	4	2	4	4	2	1	1	(²)	-	(²)	-	-	-	-
State and local government	367	12.03	11.23	9.85 - 13.35	-	-	-	-	-	-	-	2	7	11	9	17	13	13	10	2	4	2	2	2	-	8	-
Level II	531	11.72	12.51	9.89 - 13.27	-	-	-	-	-	-	4	3	1	2	21	11	7	24	20	-	4	2	-	1	(²)	-	-
Private industry	304	11.56	10.20	9.87 - 13.85	-	-	-	-	-	-	6	-	-	2	34	19	-	27	-	7	3	-	-	2	1	-	-
State and local government	227	11.95	12.51	11.49 - 12.68	-	-	-	-	-	-	(²)	6	3	1	4	-	17	57	11	-	-	-	-	-	-	-	-
Janitors	23,969	9.01	8.53	6.50 - 11.25	(²)	5	5	12	7	6	9	5	5	5	5	8	9	8	6	1	2	1	(²)	(²)	-	-	-
Private industry	19,679	8.34	7.92	6.26 - 10.10	(²)	6	7	14	8	7	10	5	6	5	6	8	9	4	3	(²)	(²)	(²)	(²)	-	-	-	-
Goods-producing industries	860	11.55	11.77	9.66 - 13.30	-	4	2	-	2	-	2	4	4	7	7	14	7	13	20	1	2	9	3	-	-	-	-
Manufacturing	859	11.56	11.77	9.66 - 13.30	-	4	2	-	2	-	2	3	4	7	7	14	7	13	20	1	2	9	3	-	-	-	-
Service-producing industries	18,819	8.20	7.82	6.25 - 9.63	(²)	6	7	15	9	7	10	6	6	5	6	8	9	4	3	(²)	(²)	(²)	(²)	-	-	-	-
Transportation and utilities	50	12.13	13.73	6.00 - 14.38	-	-	-	30	-	-	-	-	-	-	-	-	-	-	38	12	6	4	6	4	-	-	-
State and local government	4,290	12.09	12.47	10.65 - 13.29	-	-	-	-	(²)	1	3	6	5	3	4	10	10	24	19	4	9	1	(²)	1	-	-	-
Material Handling Laborers:																											
Private industry:																											
Goods-producing industries	497	10.40	10.20	9.71 - 11.71	-	-	-	-	5	-	9	4	-	-	31	7	25	17	2	-	-	1	-	-	-	-	-
Manufacturing	497	10.40	10.20	9.71 - 11.71	-	-	-	-	5	-	9	4	-	-	31	7	25	17	2	-	-	1	-	-	-	-	-
Service-producing industries	1,271	12.62	14.46	9.50 - 14.46	-	-	(²)	1	(²)	2	2	1	-	1	19	3	4	-	7	58	1	-	-	-	-	-	-
Order Fillers	4,862	11.74	14.46	7.70 - 14.46	-	(²)	3	7	4	4	9	2	1	2	3	2	3	2	1	58	-	-	-	-	-	-	-
Private industry	4,862	11.74	14.46	7.70 - 14.46	-	(²)	3	7	4	4	9	2	1	2	3	2	3	2	1	58	-	-	-	-	-	-	-
Service-producing industries	4,812	11.75	14.46	7.55 - 14.46	-	(²)	3	7	4	4	9	2	1	2	3	2	2	2	1	58	-	-	-	-	-	-	-
Shipping/Receiving Clerks	2,115	10.66	10.40	8.25 - 11.93	-	-	-	4	4	4	2	11	4	3	3	34	7	2	6	8	1	5	1	(²)	1	-	-
Private industry	2,100	10.63	10.40	8.25 - 11.84	-	-	-	4	4	4	2	12	4	3	3	34	7	2	6	8	1	4	1	(²)	1	-	-
Goods-producing industries	852	12.50	11.95	10.71 - 14.21	-	-	-	-	-	-	-	8	2	(²)	4	26	13	3	13	14	2	11	1	1	3	-	-
Manufacturing	852	12.50	11.95	10.71 - 14.21	-	-	-	-	-	-	-	8	2	(²)	4	26	13	3	13	14	2	11	1	1	3	-	-
Truckdrivers																											
Light Truck:																											
Private industry:																											
Goods-producing industries	250	11.20	12.25	9.50 - 12.50	-	-	-	-	-	-	-	17	-	-	16	-	16	51	-	-	-	-	-	-	-	-	-
State and local government	59	14.57	14.77	11.25 - 17.55	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	31	-	-	12	22	-	-	-
Medium Truck	2,136	16.23	16.29	15.43 - 18.98	-	-	-	-	-	-	-	1	-	1	-	4	-	5	8	4	19	27	1	16	2	12	(²)
Private industry	2,136	16.23	16.29	15.43 - 18.98	-	-	-	-	-	-	-	1	-	1	-	4	-	5	8	4	19	27	1	16	2	12	(²)

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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
Heavy Truck	3,375	\$14.05	\$14.07	\$12.51 - \$15.49	-	-	-	-	-	-	-	-	-	(²)	1	5	12	20	12	13	20	13	(²)	1	1	1	1
Private industry	2,416	13.69	13.60	12.05 - 15.40	-	-	-	-	-	-	-	-	-	(²)	1	6	15	14	17	19	8	(²)	2	1	-	-	
Goods-producing industries	372	13.97	14.96	12.01 - 16.00	-	-	-	-	-	-	-	-	-	-	-	4	9	22	10	17	27	-	-	-	-	-	
State and local government	959	14.94	15.49	12.51 - 16.92	-	-	-	-	-	-	-	-	-	-	-	3	2	31	5	4	22	26	-	-	-	3	3
Tractor Trailer	5,434	13.38	12.50	11.90 - 14.30	-	-	-	-	-	-	-	-	-	-	(²)	42	12	9	22	3	4	6	1	(²)	1	-	
Private industry	5,383	13.37	12.40	11.90 - 14.30	-	-	-	-	-	-	-	-	-	-	(²)	42	12	9	21	3	4	6	1	(²)	1	-	
Goods-producing industries	722	13.46	12.40	12.03 - 14.05	-	-	-	-	-	-	-	-	-	-	1	6	57	8	9	4	7	4	4	-	1	-	
Manufacturing	610	13.12	12.29	12.03 - 13.55	-	-	-	-	-	-	-	-	-	-	1	7	64	7	11	-	-	5	5	-	1	-	
Service-producing industries	4,661	13.35	12.50	11.90 - 14.30	-	-	-	-	-	-	-	-	-	-	(²)	48	5	9	23	3	4	6	(²)	(²)	1	-	
Transportation and utilities	1,077	14.40	14.05	13.50 - 14.05	-	-	-	-	-	-	-	-	-	-	1	2	11	24	41	1	15	1	-	1	3	-	
Warehouse Specialists	2,765	14.16	13.89	12.03 - 15.18	-	-	-	-	-	1	2	2	1	1	7	10	8	31	6	11	1	10	5	2	4	(²)	
Private industry	2,672	14.23	13.89	12.03 - 15.46	-	-	-	-	-	1	2	2	1	1	8	9	5	32	6	11	1	10	5	2	4	(²)	
Goods-producing industries	1,303	14.81	13.98	12.03 - 17.93	-	-	-	-	-	-	-	-	-	2	1	1	8	10	8	22	12	-	17	6	5	8	-
Manufacturing	1,303	14.81	13.98	12.03 - 17.93	-	-	-	-	-	-	-	-	-	2	1	1	8	10	8	22	12	-	17	6	5	8	-
Service-producing industries	1,369	13.68	13.89	12.10 - 15.18	-	-	-	-	-	2	3	2	2	(²)	7	8	3	41	2	21	1	3	4	(²)	(²)	1	
Transportation and utilities	122	17.37	18.17	17.54 - 18.71	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	-	-	-	24	37	1	4	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 Workers were distributed as follows: 4 percent at \$21.00 and under \$22.00; 4 percent at \$22.00 and under \$23.00; 1 percent at \$25.00 and under \$26.00; and 1 percent at \$26.00 and under \$27.00.

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-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	252	38.6	\$535	\$538	\$483 - \$577	2	27	57	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	228	38.7	540	538	498 - 580	2	24	60	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	190	38.5	522	525	481 - 566	2	28	66	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	913	38.9	645	637	572 - 692	-	2	35	40	14	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	817	39.0	647	638	577 - 690	-	2	34	41	13	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	188	39.8	733	738	673 - 808	-	1	11	23	38	21	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	188	39.8	733	738	673 - 808	-	1	11	23	38	21	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	629	38.7	622	615	560 - 662	-	2	40	46	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	96	37.9	622	601	555 - 694	-	4	46	28	20	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	917	38.5	807	789	698 - 885	-	-	1	26	24	27	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	768	38.8	812	812	712 - 893	-	-	1	21	25	29	15	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	210	39.9	915	934	845 - 985	-	-	-	2	10	29	39	18	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	210	39.9	915	934	845 - 985	-	-	-	2	10	29	39	18	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	558	38.4	774	760	683 - 838	-	-	1	28	31	30	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	149	37.1	778	698	688 - 855	-	-	-	54	19	17	1	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	416	38.6	1,109	1,112	973 - 1,235	-	-	-	-	4	12	11	19	21	16	13	1	2	1	-	-	-	-	-	-	-	-	-	-
Private industry	347	38.8	1,148	1,131	1,039 - 1,258	-	-	-	-	3	4	10	21	23	19	15	1	3	1	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	146	40.0	1,152	1,141	1,081 - 1,258	-	-	-	-	3	3	1	32	27	18	14	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	146	40.0	1,152	1,141	1,081 - 1,258	-	-	-	-	3	3	1	32	27	18	14	1	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	201	38.0	1,145	1,131	1,003 - 1,242	-	-	-	-	3	5	15	12	20	19	15	1	5	2	-	-	-	-	-	-	-	-	-	-
State and local government	69	37.6	913	869	869 - 983	-	-	-	-	9	52	20	12	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level V	112	39.5	1,422	1,434	1,294 - 1,561	-	-	-	-	-	-	4	3	2	16	13	29	14	15	4	-	-	-	-	-	-	-	-	-
Private industry	97	39.8	1,464	1,461	1,375 - 1,566	-	-	-	-	-	-	2	1	10	14	34	16	18	4	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	87	39.9	1,474	1,472	1,375 - 1,566	-	-	-	-	-	-	2	1	7	16	32	18	18	5	-	-	-	-	-	-	-	-	-	-
Manufacturing	87	39.9	1,474	1,472	1,375 - 1,566	-	-	-	-	-	-	2	1	7	16	32	18	18	5	-	-	-	-	-	-	-	-	-	-
State and local government	15	37.3	1,151	1,211	980 - 1,282	-	-	-	-	-	-	33	7	7	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Attorneys																													
Level II	99	36.7	902	818	801 - 923	-	-	-	-	22	51	8	3	2	6	4	4	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	85	36.4	852	813	801 - 851	-	-	-	-	25	58	7	2	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III:																													
State and local government	93	37.9	1,088	1,071	1,011 - 1,173	-	-	-	-	-	-	25	29	30	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	255	39.0	1,712	1,597	1,490 - 1,962	-	-	-	-	-	-	-	(³)	2	1	9	18	20	8	10	4	4	17	5	2	-	-	-	-
Private industry	211	39.2	1,774	1,658	1,592 - 2,054	-	-	-	-	-	-	-	-	(³)	(³)	9	9	23	8	12	4	4	21	6	2	-	-	-	-
Service-producing industries	122	38.7	1,599	1,596	1,490 - 1,647	-	-	-	-	-	-	-	-	1	1	16	16	37	7	7	7	4	3	1	-	-	-	-	-
State and local government	44	37.5	1,417	1,438	1,368 - 1,497	-	-	-	-	-	-	-	2	9	5	11	59	7	7	-	-	-	-	-	-	-	-	-	-

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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		
Engineers																												
Level I	440	39.8	\$718	\$718	\$685 - \$748	-	2	2	35	53	8	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	403	40.0	727	721	685 - 750	-	-	-	34	56	9	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	356	40.0	725	719	685 - 748	-	-	-	35	56	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	356	40.0	725	719	685 - 748	-	-	-	35	56	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	37	37.7	616	625	569 - 659	-	22	19	41	16	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	964	39.6	827	826	762 - 886	-	-	1	12	25	41	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	790	40.0	843	844	786 - 899	-	-	-	7	24	44	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	707	40.0	850	846	794 - 900	-	-	-	3	25	47	20	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	707	40.0	850	846	794 - 900	-	-	-	3	25	47	20	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	83	39.9	786	708	652 - 887	-	-	-	47	12	20	7	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	174	38.1	754	759	680 - 811	-	-	3	33	30	26	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	2,802	39.8	1,040	1,026	904 - 1,155	-	-	-	2	8	14	20	22	15	8	6	5	(³)	-	-	-	-	-	-	-	-	-	-
Private industry	2,571	40.0	1,053	1,038	923 - 1,166	-	-	-	2	7	12	19	23	16	9	6	5	(³)	-	-	-	-	-	-	-	-	-	-
Service-producing industries	264	40.0	1,009	1,029	889 - 1,120	-	-	-	1	5	26	10	24	25	5	3	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	231	38.0	895	866	827 - 967	-	-	-	2	13	42	29	9	5	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	2,438	39.7	1,219	1,222	1,087 - 1,339	-	-	-	(³)	2	7	19	16	23	19	9	4	1	(³)	-	-	-	-	-	-	-	-	-
Private industry	2,252	39.9	1,232	1,237	1,102 - 1,348	-	-	-	(³)	2	6	16	17	24	20	9	5	1	(³)	-	-	-	-	-	-	-	-	-
Goods-producing industries	1,925	39.9	1,221	1,225	1,096 - 1,337	-	-	-	-	2	7	18	17	25	19	7	4	1	(³)	-	-	-	-	-	-	-	-	-
Manufacturing	1,925	39.9	1,221	1,225	1,096 - 1,337	-	-	-	-	2	7	18	17	25	19	7	4	1	(³)	-	-	-	-	-	-	-	-	-
State and local government	186	38.1	1,070	1,049	1,049 - 1,124	-	-	-	-	2	18	53	16	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Level V	1,552	39.9	1,529	1,535	1,401 - 1,650	-	-	-	-	-	-	(³)	3	6	14	19	21	18	13	2	1	1	-	-	-	-	-	
Private industry	1,491	40.0	1,540	1,538	1,417 - 1,655	-	-	-	-	-	-	(³)	1	5	15	20	22	19	14	2	1	1	-	-	-	-	-	
Goods-producing industries	1,405	40.0	1,538	1,540	1,417 - 1,651	-	-	-	-	-	-	-	1	5	15	20	22	19	14	2	1	(³)	-	-	-	-	-	
Manufacturing	1,405	40.0	1,538	1,540	1,417 - 1,651	-	-	-	-	-	-	-	1	5	15	20	22	19	14	2	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	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	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	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	1	1	
ADMINISTRATIVE OCCUPATIONS																												
Budget Analysts																												
Level II	147	38.3	630	622	568 - 693	-	4	40	35	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	88	39.0	658	665	577 - 747	-	7	25	38	27	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	50	38.2	636	-	- - -	-	12	24	46	16	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	59	37.3	588	574	505 - 622	-	-	63	32	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV:																												
State and local government	34	37.9	985	1,007	921 - 1,049	-	-	-	-	3	-	47	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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		
Buyers/Contracting Specialists																												
Level I	64	38.8	\$598	-	- - -	-	-	59	19	20	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	60	38.9	596	-	- - -	-	-	62	15	22	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	379	39.3	652	\$628	\$574 - \$714	-	-	35	40	11	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	338	39.6	645	626	570 - 687	-	-	36	42	10	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	80	39.9	733	741	660 - 809	-	-	2	41	20	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	80	39.9	733	741	660 - 809	-	-	2	41	20	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	258	39.4	618	601	567 - 655	-	-	47	42	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	41	37.3	706	714	626 - 841	-	-	22	24	22	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	145	38.6	864	883	769 - 942	-	-	-	8	21	30	29	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	117	39.0	872	885	769 - 942	-	-	-	7	21	26	31	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	28	36.9	833	864	781 - 885	-	-	-	11	21	46	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	675	39.1	687	683	607 - 759	-	2	22	37	24	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	650	39.2	687	683	606 - 762	-	2	22	36	23	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	467	38.8	652	665	589 - 692	-	3	30	46	13	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	25	38.3	662	-	- - -	-	-	12	52	32	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level III	722	38.8	792	788	720 - 874	-	(³)	3	17	33	30	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	666	39.0	796	788	727 - 877	-	(³)	4	15	32	32	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	518	38.8	766	765	698 - 825	-	(³)	5	20	40	26	8	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	56	36.2	743	752	637 - 798	-	-	-	38	39	11	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level IV	549	39.7	973	973	877 - 1,067	-	-	-	1	7	23	26	29	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	519	39.8	979	981	885 - 1,071	-	-	-	-	6	24	24	31	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer Systems Analysts																												
Level I	455	39.0	832	804	747 - 902	-	-	2	9	35	28	13	7	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	416	39.1	841	815	750 - 909	-	-	2	7	35	28	15	8	4	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	348	38.9	842	809	747 - 922	-	-	2	8	36	24	15	8	5	1	-	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	39	38.4	736	-	- - -	-	-	8	31	36	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	1,436	39.0	980	983	901 - 1,065	-	-	(³)	1	7	16	30	30	12	2	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
Private industry	1,315	39.2	988	991	909 - 1,069	-	-	(³)	(³)	6	16	29	31	14	3	1	(³)	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	426	39.9	1,014	1,019	954 - 1,075	-	-	(³)	(³)	2	10	29	40	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	426	39.9	1,014	1,019	954 - 1,075	-	-	(³)	(³)	2	10	29	40	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	889	38.8	976	971	893 - 1,063	-	-	-	(³)	8	19	29	27	13	3	(³)	(³)	-	-	-	-	-	-	-	-	-	-	-
State and local government	121	37.5	887	901	818 - 921	-	-	-	5	20	17	40	17	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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	1100 - 1200	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 - 2200	2200 - 2400	2400 - 2600	2600 - 2800		
Level III	1,671	39.5	\$1,112	\$1,115	\$1,019 - 1,213	-	-	-	-	1	5	12	27	27	22	5	(³)	-	-	-	-	-	-	-	-	-
Private industry	1,619	39.6	1,114	1,119	1,019 - 1,215	-	-	-	-	1	5	13	26	28	23	5	(³)	-	-	-	-	-	-	-	-	-
Goods-producing industries	629	40.0	1,147	1,149	1,078 - 1,237	-	-	-	-	1	3	7	22	31	31	6	-	-	-	-	-	-	-	-	-	-
Manufacturing	629	40.0	1,147	1,149	1,078 - 1,237	-	-	-	-	1	3	7	22	31	31	6	-	-	-	-	-	-	-	-	-	-
Service-producing industries	990	39.4	1,093	1,096	1,000 - 1,190	-	-	-	-	1	6	16	29	26	17	4	(³)	-	-	-	-	-	-	-	-	-
State and local government	52	37.2	1,048	1,049	1,049 - 1,049	-	-	-	-	2	10	6	67	4	12	-	-	-	-	-	-	-	-	-	-	-
Level IV	532	38.9	1,327	1,332	1,210 - 1,433	-	-	-	-	(³)	(³)	9	7	27	21	19	10	5	1	-	-	-	-	-	-	
Private industry	532	38.9	1,327	1,332	1,210 - 1,433	-	-	-	-	(³)	(³)	9	7	27	21	19	10	5	1	-	-	-	-	-	-	
Computer Systems Analyst Supervisors/Managers																										
Level I	189	39.4	1,239	1,220	1,135 - 1,336	-	-	-	-	1	1	2	9	28	29	14	13	2	2	-	-	-	-	-	-	
Private industry	162	39.9	1,248	1,230	1,140 - 1,347	-	-	-	-	-	1	-	10	25	33	10	15	2	2	-	-	-	-	-	-	
State and local government	27	36.3	1,184	1,200	1,124 - 1,336	-	-	-	-	4	-	11	-	44	-	41	-	-	-	-	-	-	-	-	-	
Level II	358	39.2	1,394	1,380	1,294 - 1,462	-	-	-	-	-	-	-	2	4	20	34	20	10	4	1	1	1	1	-	-	
Private industry	358	39.2	1,394	1,380	1,294 - 1,462	-	-	-	-	-	-	-	2	4	20	34	20	10	4	1	1	1	1	-	-	
Service-producing industries	298	39.0	1,371	1,380	1,288 - 1,448	-	-	-	-	-	-	-	2	5	21	35	22	12	2	-	-	-	-	-	-	
Personnel Specialists																										
Level II	364	38.6	649	639	558 - 724	-	11	24	36	12	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	310	39.0	637	623	557 - 690	-	12	26	39	11	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	77	39.9	745	-	-	-	5	10	17	19	45	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	77	39.9	745	-	-	-	5	10	17	19	45	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	233	38.7	601	607	539 - 654	-	14	31	46	9	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	631	38.3	824	808	721 - 926	-	-	2	19	26	20	23	8	1	(³)	-	-	-	-	-	-	-	-	-	-	
Private industry	509	38.7	835	808	731 - 957	-	-	(³)	17	28	19	24	10	2	(³)	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	101	40.0	929	950	808 - 1,018	-	-	1	3	17	15	32	22	9	2	-	-	-	-	-	-	-	-	-	-	
Manufacturing	101	40.0	929	950	808 - 1,018	-	-	1	3	17	15	32	22	9	2	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	408	38.4	812	786	719 - 917	-	-	-	20	31	20	22	7	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	122	36.9	775	775	674 - 883	-	-	9	28	16	25	20	1	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	342	39.0	997	992	877 - 1,100	-	-	-	-	11	17	24	24	15	6	3	1	-	-	-	-	-	-	-	-	
Private industry	269	39.3	985	962	858 - 1,090	-	-	-	-	13	20	23	19	13	6	4	1	-	-	-	-	-	-	-	-	
Goods-producing industries	58	39.8	1,132	-	-	-	-	-	-	-	-	28	14	26	19	10	3	-	-	-	-	-	-	-	-	
Manufacturing	58	39.8	1,132	-	-	-	-	-	-	-	-	28	14	26	19	10	3	-	-	-	-	-	-	-	-	
Service-producing industries	211	39.2	944	910	831 - 1,056	-	-	-	-	17	26	22	21	10	3	2	-	-	-	-	-	-	-	-	-	
State and local government	73	37.9	1,042	1,038	959 - 1,107	-	-	-	-	-	4	26	41	23	5	-	-	-	-	-	-	-	-	-	-	
Level V	165	39.8	1,315	1,300	1,202 - 1,462	-	-	-	-	-	-	10	4	9	27	18	14	8	10	-	-	-	-	-	-	
Private industry	155	39.9	1,306	1,291	1,202 - 1,432	-	-	-	-	-	-	11	4	8	28	19	15	8	7	-	-	-	-	-	-	
Goods-producing industries	113	40.0	1,342	1,346	1,246 - 1,462	-	-	-	-	-	-	7	-	8	30	20	13	12	10	-	-	-	-	-	-	
Manufacturing	113	40.0	1,342	1,346	1,246 - 1,462	-	-	-	-	-	-	7	-	8	30	20	13	12	10	-	-	-	-	-	-	
Level VI	67	40.0	1,547	-	-	-	-	-	-	-	-	-	-	4	22	9	4	18	3	27	3	9	-	-	-	
Private industry	67	40.0	1,547	-	-	-	-	-	-	-	-	-	-	4	22	9	4	18	3	27	3	9	-	-	-	

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 Supervisors/Managers																										
Level II	120	38.1	\$1,345	\$1,277	\$1,216 - \$1,500	-	-	-	-	-	-	-	10	13	30	10	2	27	3	1	3	1	-	-	-	-
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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	396	38.4	\$449	\$434	\$410 - \$495	2	5	10	5	22	7	4	25	5	5	7	2	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	347	38.7	440	425	400 - 492	2	6	12	5	24	8	4	26	4	4	4	1	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	312	38.6	430	423	377 - 487	2	7	13	5	27	9	4	25	4	1	2	(³)	-	-	-	-	-	-	-	-	-	-	-	
State and local government	49	36.4	518	520	484 - 564	-	-	-	2	6	2	8	20	12	14	29	6	-	-	-	-	-	-	-	-	-	-	-	
Level III	337	39.1	579	586	535 - 621	-	-	-	-	2	7	5	3	4	7	31	28	9	1	3	-	1	-	-	-	-	-	-	
Private industry	249	39.5	587	596	535 - 623	-	-	-	-	-	9	5	4	-	8	27	32	10	1	4	-	1	-	-	-	-	-	-	
Service-producing industries	207	39.6	574	586	535 - 621	-	-	-	-	-	11	5	5	-	10	29	29	12	-	(³)	-	-	-	-	-	-	-	-	
State and local government	88	38.1	554	553	519 - 593	-	-	-	-	8	-	5	-	14	6	45	18	5	-	-	-	-	-	-	-	-	-	-	
Drafters																													
Level II	95	39.6	574	600	508 - 618	-	-	-	-	15	-	2	7	9	2	13	34	-	18	-	-	-	-	-	-	-	-	-	
Private industry	88	39.6	569	596	480 - 618	-	-	-	-	16	-	2	8	10	2	14	28	-	19	-	-	-	-	-	-	-	-	-	
Level III	73	39.1	599	-	- - -	-	-	-	-	-	-	-	10	8	8	48	5	7	1	1	10	-	1	-	-	-	-	-	
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	199	39.8	734	731	666 - 800	-	-	-	-	-	-	-	-	1	-	5	16	14	27	10	19	3	6	-	-	-	-	-	
Level IV	518	39.9	893	905	777 - 1,000	-	-	-	-	-	-	-	-	-	-	1	(³)	4	9	14	5	10	18	11	23	3	-		
Private industry	511	39.9	894	905	777 - 1,000	-	-	-	-	-	-	-	-	-	-	1	(³)	5	9	15	5	10	18	11	24	3	-		
Goods-producing industries	218	39.9	804	787	719 - 905	-	-	-	-	-	-	-	-	-	-	-	1	11	21	25	7	7	23	4	1	-	-		
Manufacturing	218	39.9	804	787	719 - 905	-	-	-	-	-	-	-	-	-	-	-	1	11	21	25	7	7	23	4	1	-			
Engineering Technicians, Civil																													
Level I	83	37.8	458	472	446 - 485	-	-	7	10	1	7	29	45	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	83	37.8	458	472	446 - 485	-	-	7	10	1	7	29	45	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	105	36.8	539	553	506 - 580	-	-	-	-	4	7	7	5	11	13	50	4	-	-	-	-	-	-	-	-	-	-	-	
State and local government	103	36.8	539	553	503 - 580	-	-	-	-	4	7	7	5	10	14	50	4	-	-	-	-	-	-	-	-	-	-	-	
Level III	190	37.1	577	587	492 - 642	-	-	-	-	-	-	6	21	4	3	23	34	8	1	-	-	-	-	-	-	-	-	-	
State and local government	190	37.1	577	587	492 - 642	-	-	-	-	-	-	6	21	4	3	23	34	8	1	-	-	-	-	-	-	-	-	-	
Level IV	60	37.6	723	755	698 - 755	-	-	-	-	-	-	-	-	-	-	3	3	3	20	12	55	3	-	-	-	-	-		
State and local government	60	37.6	723	755	698 - 755	-	-	-	-	-	-	-	-	-	-	3	3	3	20	12	55	3	-	-	-	-	-	-	
Level V	57	38.9	812	-	- - -	-	-	-	-	-	-	-	-	-	-	-	2	-	28	19	21	9	21	-	-	-	-		
State and local government	29	37.8	870	891	812 - 936	-	-	-	-	-	-	-	-	-	-	-	3	-	-	10	28	17	41	-	-	-	-		

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	5,324	40.0	\$618	\$569	\$520 - \$689	-	-	-	-	7	3	7	3	9	3	32	8	4	4	1	5	2	12	-	-	-	
State and local government	5,324	40.0	618	569	520 - 689	-	-	-	-	7	3	7	3	9	3	32	8	4	4	1	5	2	12	-	-	-	
Firefighters:																											
State and local government	1,642	42.0	656	684	684 - 684	-	-	-	-	-	-	-	5	5	7	(³)	(³)	84	-	-	-	-	-	-	-	-	
Police Officers																											
Level 1	6,365	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	6,305	40.0	679	711	608 - 711	-	-	-	-	(³)	(³)	1	1	2	8	9	10	7	55	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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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
Clerks, Accounting																									
Level II	1,209	37.9	\$429	\$426	\$385 - \$469	-	(³)	6	5	11	10	16	17	14	7	9	1	(³)	1	2	1	(³)	-	-	-
Private industry	897	38.1	427	426	385 - 469	-	(³)	9	6	7	8	18	16	14	9	9	1	(³)	-	1	1	(³)	-	-	-
Goods-producing industries	175	38.3	472	462	404 - 500	-	-	-	3	5	-	18	14	20	7	21	-	-	-	6	6	1	-	-	-
Manufacturing	175	38.3	472	462	404 - 500	-	-	-	3	5	-	18	14	20	7	21	-	-	-	6	6	1	-	-	-
Service-producing industries	722	38.0	417	421	374 - 459	-	(³)	11	7	7	10	18	17	12	9	6	1	(³)	-	-	(³)	-	-	-	-
State and local government	312	37.4	434	425	378 - 472	-	-	-	1	22	16	10	19	14	2	8	-	1	3	4	(³)	-	-	-	-
Level III	730	37.9	483	500	430 - 514	-	-	-	4	4	5	8	9	8	12	30	9	1	2	6	1	(³)	(³)	-	-
Private industry	375	38.3	465	467	418 - 513	-	-	-	7	4	7	9	16	9	14	20	9	1	2	1	2	1	1	-	-
Goods-producing industries	79	39.8	518	-	-	-	-	-	-	-	-	14	6	1	28	15	18	-	3	3	8	3	3	-	-
Manufacturing	79	39.8	518	-	-	-	-	-	-	-	-	14	6	1	28	15	18	-	3	3	8	3	3	-	-
Service-producing industries	296	37.9	450	451	405 - 502	-	-	-	9	5	9	8	18	10	10	21	6	1	1	-	-	-	-	-	-
State and local government	355	37.5	503	500	483 - 529	-	-	-	1	3	3	8	2	8	10	42	10	(³)	2	12	-	-	-	-	-
Level IV	76	38.4	588	-	-	-	-	-	-	-	-	-	-	-	9	28	-	-	41	7	1	7	8	-	-
State and local government	28	35.9	538	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	21	-	4	-	-	-	-
Clerks, General																									
Level II	1,421	37.6	400	384	362 - 443	3	3	5	9	18	21	5	14	9	2	8	5	-	-	-	-	-	-	-	-
Private industry	509	38.0	375	357	327 - 398	6	7	9	22	14	17	1	6	4	-	3	9	-	-	-	-	-	-	-	-
Service-producing industries	445	37.7	359	350	315 - 394	7	8	10	24	14	20	1	7	5	-	4	-	-	-	-	-	-	-	-	-
State and local government	912	37.4	415	403	369 - 455	1	1	2	2	20	23	7	18	11	3	10	2	-	-	-	-	-	-	-	-
Level III	2,432	37.2	410	405	358 - 447	-	1	16	7	6	15	19	13	10	4	4	1	2	2	2	(³)	-	(³)	-	-
Private industry	1,371	37.8	390	385	336 - 420	-	1	24	9	8	15	21	6	7	4	3	(³)	-	(³)	1	(³)	-	1	-	-
Goods-producing industries	70	40.0	517	-	-	-	-	-	-	-	7	51	-	-	-	-	1	-	6	17	6	-	11	-	-
Manufacturing	70	40.0	517	-	-	-	-	-	-	-	7	51	-	-	-	-	1	-	6	17	6	-	11	-	-
Service-producing industries	1,301	37.7	383	380	323 - 417	-	1	25	10	9	16	19	6	7	4	3	-	-	1	-	1	-	-	-	-
State and local government	1,061	36.5	437	441	392 - 463	-	(³)	7	4	3	14	15	23	13	4	5	2	3	4	2	1	-	-	-	-
Level IV	1,058	38.3	480	464	411 - 557	-	-	(³)	10	4	5	15	10	11	10	7	(³)	9	1	14	2	1	1	-	-
Private industry	949	38.3	484	466	403 - 563	-	-	(³)	11	4	4	14	10	10	8	7	1	10	1	15	2	1	1	-	-
Service-producing industries	850	38.1	471	459	403 - 519	-	-	(³)	13	5	5	16	11	12	8	7	1	6	2	16	-	-	-	-	-
State and local government	109	38.1	447	442	412 - 492	-	-	-	-	6	13	24	10	18	22	4	-	4	-	-	-	-	-	-	-
Key Entry Operators																									
Level I	983	39.2	344	321	294 - 385	1	27	26	11	9	8	7	7	1	3	(³)	(³)	-	(³)	(³)	-	-	-	-	-
Private industry	898	39.6	339	319	294 - 372	1	27	28	11	9	8	6	7	1	1	-	(³)	-	(³)	(³)	-	-	-	-	-
Service-producing industries	888	39.6	338	318	294 - 372	1	27	28	11	8	9	7	7	1	1	-	(³)	-	-	-	-	-	-	-	-
State and local government	85	35.3	399	412	305 - 496	1	22	4	7	7	-	18	7	2	28	2	1	-	-	-	-	-	-	-	-
Level II	465	37.4	454	461	417 - 490	-	-	1	2	10	10	9	17	13	14	7	10	5	(³)	2	-	-	-	-	-
State and local government	116	36.1	440	418	382 - 485	-	-	-	-	16	28	14	9	8	6	3	3	7	1	6	-	-	-	-	-
Personnel Assistants (Employment)																									
Level II	128	37.1	464	464	387 - 512	-	-	-	9	2	16	-	21	2	3	23	17	2	3	-	-	-	-	-	-
State and local government	91	36.9	476	500	387 - 546	-	-	-	-	2	23	-	13	3	2	31	23	2	-	-	-	-	-	-	-
Level III	86	37.3	553	530	510 - 592	-	-	-	-	-	2	1	7	6	7	14	23	1	19	6	3	10	-	-	-
State and local government	48	35.6	591	592	535 - 642	-	-	-	-	-	4	2	-	4	-	8	13	2	33	10	6	17	-	-	-

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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 and over	
Secretaries																											
Level I	444	39.0	\$440	\$437	\$371 - \$523	-	-	2	2	22	6	13	18	4	3	22	4	(³)	-	4	-	-	-	-	-	-	-
Private industry	175	39.1	409	432	356 - 440	-	-	6	5	19	10	7	38	7	8	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	163	39.1	405	423	356 - 440	-	-	7	5	21	10	7	38	6	6	-	-	-	-	-	-	-	-	-	-	-	
State and local government	269	38.9	461	442	380 - 523	-	-	-	-	24	4	17	5	1	-	36	6	(³)	-	6	-	-	-	-	-	-	
Level II	2,495	38.3	468	462	408 - 525	-	-	2	6	6	8	9	13	11	10	9	7	8	4	4	1	1	(³)	(³)	-	-	
Private industry	2,075	38.5	467	466	404 - 528	-	-	2	7	7	7	8	11	11	10	11	8	9	4	3	1	(³)	(³)	(³)	-	-	
Goods-producing industries	193	39.7	573	576	541 - 600	-	-	-	-	-	-	3	-	5	3	6	16	13	28	18	6	1	1	1	1	-	
Manufacturing	193	39.7	573	576	541 - 600	-	-	-	-	-	-	3	-	5	3	6	16	13	28	18	6	1	1	1	1	-	
Service-producing industries	1,882	38.3	457	458	395 - 518	-	-	2	8	7	8	8	12	11	12	7	9	1	2	1	-	-	-	-	-	-	
State and local government	420	37.7	471	449	409 - 499	-	-	-	2	4	11	17	20	9	13	2	6	4	1	8	(³)	3	-	-	-	-	
Level III	3,753	38.8	565	560	498 - 631	-	-	-	-	2	1	2	3	5	11	12	7	9	11	16	11	6	1	(³)	(³)	-	
Private industry	3,116	39.2	564	560	495 - 631	-	-	-	-	2	1	3	3	6	10	12	7	10	10	15	11	7	1	(³)	(³)	-	
Goods-producing industries	742	39.9	630	640	561 - 698	-	-	-	-	-	-	1	(³)	1	4	11	5	6	7	20	20	4	(³)	(³)	-	-	
Manufacturing	742	39.9	630	640	561 - 698	-	-	-	-	-	-	1	(³)	1	4	11	5	6	7	20	20	4	(³)	(³)	-	-	
Service-producing industries	2,374	39.0	543	539	480 - 600	-	-	-	-	3	2	4	4	7	12	13	7	11	11	14	8	3	1	1	(³)	-	
State and local government	637	37.1	569	567	512 - 623	-	-	-	-	-	1	1	1	4	17	10	11	8	12	20	11	5	(³)	-	-	-	
Level IV	1,734	39.1	661	637	585 - 740	-	-	-	-	-	-	1	(³)	(³)	1	4	6	9	11	23	14	9	15	8	(³)	(³)	
Private industry	1,471	39.5	665	636	588 - 749	-	-	-	-	-	-	1	(³)	(³)	1	3	6	5	13	25	10	10	16	8	(³)	(³)	
Service-producing industries	666	39.0	680	669	612 - 800	-	-	-	-	-	-	2	(³)	(³)	2	6	5	1	5	26	12	8	26	7	(³)	-	
State and local government	263	36.6	635	654	555 - 699	-	-	-	-	-	-	-	-	-	2	5	1	27	3	11	37	3	6	4	-	-	
Level V	382	39.2	758	745	681 - 825	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8	22	20	10	22	10	2	
Private industry	367	39.3	758	735	675 - 833	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8	23	18	10	22	10	2	
Service-producing industries	244	39.0	776	769	704 - 853	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	13	25	12	27	12	1	
Switchboard Operator-Receptionists																											
Level I	322	39.0	395	396	359 - 432	-	1	8	14	13	19	16	8	12	4	3	-	1	(³)	-	-	-	-	-	-	-	
Private industry	266	39.0	392	395	340 - 435	-	1	10	17	8	23	11	9	15	4	2	-	1	-	-	-	-	-	-	-	-	
Service-producing industries	249	39.0	389	395	340 - 432	-	1	10	18	8	21	12	8	16	4	-	-	1	-	-	-	-	-	-	-	-	
State and local government	56	38.8	407	408	362 - 408	-	-	2	-	38	2	38	7	-	4	9	-	-	2	-	-	-	-	-	-	-	
Word Processors																											
Level II	302	37.4	451	443	421 - 468	-	-	-	-	(³)	3	37	31	7	9	1	6	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	204	37.2	455	447	414 - 450	-	-	-	-	-	3	39	33	-	7	1	8	5	-	3	-	-	-	-	-	-	
Level III	241	37.7	491	485	460 - 485	-	-	-	-	-	2	5	7	31	39	(³)	-	-	1	8	2	2	-	-	-	-	
State and local government	193	37.8	484	485	472 - 485	-	-	-	-	-	-	3	5	37	47	1	-	-	-	4	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-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	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	413	\$13.02	\$12.50	\$11.62 - \$15.12	3	2	(²)	2	1	3	6	18	12	15	4	2	-	24	1	2	2	1	-	-	-	-	-	-
Private industry	352	13.18	12.50	11.67 - 15.20	3	3	(²)	2	1	1	5	20	11	9	5	3	-	28	1	2	2	1	-	-	-	-	-	
Service-producing industries	296	13.02	12.44	11.62 - 15.20	4	3	(²)	3	1	1	4	22	13	9	6	3	-	24	-	3	2	2	-	-	-	-	-	
State and local government	61	12.11	12.51	11.32 - 12.92	-	2	2	2	2	13	10	3	16	51	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maintenance Electricians	1,573	18.65	18.25	16.77 - 20.86	-	-	-	-	(²)	(²)	-	(²)	(²)	(²)	(²)	1	4	7	15	17	14	6	10	23	1	-	1	
Private industry	1,292	19.01	18.30	17.04 - 21.68	-	-	-	-	-	-	-	(²)	(²)	(²)	1	2	4	15	19	13	3	12	28	2	-	1		
Goods-producing industries	902	19.78	20.86	17.91 - 21.68	-	-	-	-	-	-	-	(²)	(²)	(²)	-	1	-	13	10	13	2	17	40	3	-	(²)		
Manufacturing	902	19.78	20.86	17.91 - 21.68	-	-	-	-	-	-	-	(²)	(²)	(²)	-	1	-	13	10	13	2	17	40	3	-	(²)		
Service-producing industries	390	17.20	17.10	16.40 - 17.63	-	-	-	-	-	-	-	-	-	-	3	3	14	20	40	12	6	-	-	-	-	-	3	
State and local government	281	17.04	17.20	15.62 - 18.20	-	-	-	-	(²)	1	-	(²)	-	(²)	2	13	21	11	40	21	21	-	-	-	-	-	-	
Maintenance Electronics Technicians																												
Level II	2,976	18.86	20.86	16.23 - 21.24	-	-	-	-	(²)	-	1	1	4	2	3	7	5	6	5	8	3	5	34	14	-	-		
Private industry	2,795	18.97	21.15	16.23 - 21.24	-	-	-	-	(²)	-	1	1	4	2	3	7	5	7	5	5	4	5	36	15	-	-		
Goods-producing industries	282	16.92	15.55	14.00 - 20.86	-	-	-	-	1	-	2	2	9	3	7	18	9	1	3	-	-	43	(²)	-	-	-		
Manufacturing	282	16.92	15.55	14.00 - 20.86	-	-	-	-	1	-	2	2	9	3	7	18	9	1	3	-	-	43	(²)	-	-	-		
Service-producing industries	2,513	19.20	21.15	16.81 - 21.24	-	-	-	-	-	-	1	1	3	2	3	6	4	7	5	5	4	1	41	17	-	-		
Transportation and utilities	1,449	21.47	21.24	21.15 - 22.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	70	29	-	-		
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	601	19.13	18.30	18.16 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	1	2	1	10	9	26	2	30	17	-	(²)		
Private industry	528	19.32	20.72	17.08 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	1	2	12	10	20	-	34	20	-	(²)			
Goods-producing industries	520	19.38	20.86	18.30 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	1	-	12	10	21	-	35	20	-	(²)			
Manufacturing	520	19.38	20.86	18.30 - 20.86	-	-	-	-	-	-	-	-	-	(²)	1	1	-	12	10	21	-	35	20	-	(²)			
State and local government	73	17.77	18.20	18.20 - 18.20	-	-	-	-	-	-	-	-	-	-	3	15	-	1	1	63	16	-	-	-	-	-		
Maintenance Mechanics, Machinery	1,561	17.23	16.77	14.82 - 19.90	-	-	-	1	1	1	1	1	1	2	2	3	14	4	24	13	7	2	10	3	11	-		
Private industry	1,434	17.37	16.77	15.58 - 20.72	-	-	-	1	1	1	1	1	1	2	2	2	10	4	26	14	5	2	11	3	12	-		
Goods-producing industries	1,358	17.46	16.77	16.22 - 20.86	-	-	-	1	2	1	(²)	1	1	3	2	2	11	2	27	15	4	3	12	3	13	-		
Manufacturing	1,358	17.46	16.77	16.22 - 20.86	-	-	-	1	2	1	(²)	1	1	3	2	2	11	2	27	15	4	3	12	3	13	-		
Maintenance Mechanics, Motor Vehicle	1,063	17.06	17.43	14.37 - 19.04	-	-	(²)	-	(²)	2	2	3	3	3	9	15	4	5	12	17	12	1	3	(²)	3	6		
Private industry	408	18.20	18.10	13.70 - 21.56	-	-	-	-	-	1	3	8	6	4	5	6	2	4	8	6	13	3	7	(²)	7	³ 16		
Goods-producing industries	107	18.51	19.40	17.86 - 21.36	-	-	-	-	-	6	-	3	2	4	5	2	-	-	8	11	22	11	26	-	-	-		
Manufacturing	107	18.51	19.40	17.86 - 21.36	-	-	-	-	-	6	-	3	2	4	5	2	-	-	8	11	22	11	26	-	-	-		
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	655	16.35	16.77	14.82 - 18.20	-	-	(²)	-	(²)	1	2	1	1	1	2	11	21	6	6	14	24	11	-	-	-	-		
Maintenance Pipefitters	282	19.53	20.23	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	1	9	3	6	-	16	1	25	40	-	-	-		
Private industry	254	20.04	20.72	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	17	1	28	45	-	-	-		
Goods-producing industries	254	20.04	20.72	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	17	1	28	45	-	-	-		
Manufacturing	254	20.04	20.72	18.09 - 21.36	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	17	1	28	45	-	-	-		

See footnotes at end of table.

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	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	287	\$19.64	\$18.48	\$18.40 - \$21.68	-	-	-	-	-	-	-	-	-	-	-	-	2	2	11	-	38	7	-	31	1	2	7
Private industry	276	19.70	18.48	18.40 - 21.68	-	-	-	-	-	-	-	-	-	-	-	-	2	2	11	-	36	7	-	32	1	2	7
Goods-producing industries	276	19.70	18.48	18.40 - 21.68	-	-	-	-	-	-	-	-	-	-	-	-	2	2	11	-	36	7	-	32	1	2	7
Manufacturing	276	19.70	18.48	18.40 - 21.68	-	-	-	-	-	-	-	-	-	-	-	-	2	2	11	-	36	7	-	32	1	2	7

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-Wilmington-Atlantic City, PA-NJ-DE-MD, 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	900	\$12.18	\$11.99	\$11.98 - \$11.99	-	-	-	-	-	-	-	-	2	2	(²)	3	70	10	8	-	-	2	(²)	-	3	-	-
Private industry	900	12.18	11.99	11.98 - 11.99	-	-	-	-	-	-	-	-	2	2	(²)	3	70	10	8	-	-	2	(²)	-	3	-	-
Goods-producing industries	635	12.19	11.98	11.98 - 11.99	-	-	-	-	-	-	-	-	-	-	(²)	1	93	2	-	-	-	-	-	4	-	-	
Manufacturing	635	12.19	11.98	11.98 - 11.99	-	-	-	-	-	-	-	-	-	-	(²)	1	93	2	-	-	-	-	-	4	-	-	
Guards																											
Level I	7,639	8.80	8.10	7.50 - 9.50	-	(²)	1	5	4	12	10	26	10	6	3	6	6	4	3	2	1	(²)	(²)	-	(²)	-	
Private industry:																											
Goods-producing industries	188	12.69	12.91	11.18 - 14.71	-	-	-	-	-	-	-	14	2	2	-	4	8	24	8	31	4	1	3	-	1	-	
Manufacturing	188	12.69	12.91	11.18 - 14.71	-	-	-	-	-	-	-	14	2	2	-	4	8	24	8	31	4	1	3	-	1	-	
State and local government	367	12.03	11.23	9.85 - 13.35	-	-	-	-	-	-	-	2	7	11	9	17	13	13	10	2	4	2	2	-	8	-	
Level II	379	12.56	12.68	11.49 - 13.85	-	-	-	-	-	-	(²)	4	2	3	4	6	10	34	28	-	6	2	-	1	1	-	
State and local government	227	11.95	12.51	11.49 - 12.68	-	-	-	-	-	-	(²)	6	3	1	4	-	17	57	11	-	-	-	-	-	-	-	
Janitors	12,724	10.34	10.55	8.41 - 12.12	(²)	2	2	5	2	5	5	5	3	5	8	14	17	13	10	(²)	3	1	(²)	(²)	-	-	
Private industry	9,267	9.78	10.15	7.97 - 11.43	(²)	2	3	6	3	6	6	4	3	5	10	14	19	8	7	(²)	(²)	1	(²)	-	-		
Goods-producing industries	632	12.68	12.82	10.77 - 13.62	-	-	-	-	-	-	-	1	6	3	9	8	9	17	28	1	2	12	5	-	-		
Manufacturing	632	12.68	12.82	10.77 - 13.62	-	-	-	-	-	-	-	1	6	3	9	8	9	17	28	1	2	12	5	-	-		
Service-producing industries	8,635	9.57	9.75	7.76 - 11.25	(²)	2	3	7	3	7	7	4	3	6	10	15	20	8	6	(²)	(²)	(²)	(²)	-	-		
Transportation and utilities	33	14.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	18	9	6	9	-	-		
State and local government	3,457	11.84	12.39	10.32 - 13.29	-	-	-	-	(²)	1	3	7	5	3	3	12	9	28	16	1	11	1	(²)	(²)	-	-	
Material Handling Laborers	353	10.60	11.71	9.87 - 12.10	-	-	1	5	1	1	13	2	-	1	18	4	24	24	3	-	3	1	-	-	-		
Private industry	353	10.60	11.71	9.87 - 12.10	-	-	1	5	1	1	13	2	-	1	18	4	24	24	3	-	3	1	-	-	-		
Goods-producing industries	287	10.95	11.71	9.87 - 12.10	-	-	-	-	-	-	16	-	-	-	21	-	29	29	4	-	-	1	-	-	-		
Manufacturing	287	10.95	11.71	9.87 - 12.10	-	-	-	-	-	-	16	-	-	-	21	-	29	29	4	-	-	1	-	-	-		
Shipping/Receiving Clerks	420	14.39	14.09	13.41 - 16.46	-	-	-	-	-	-	-	-	2	1	2	8	3	4	28	15	1	23	5	2	6		
Private industry	405	14.34	13.93	13.37 - 16.46	-	-	-	-	-	-	-	-	2	1	2	9	3	4	29	13	1	22	5	2	6		
Goods-producing industries	284	14.92	14.04	13.51 - 16.46	-	-	-	-	-	-	-	-	1	1	1	2	1	4	39	4	2	32	2	3	8		
Manufacturing	284	14.92	14.04	13.51 - 16.46	-	-	-	-	-	-	-	-	1	1	1	2	1	4	39	4	2	32	2	3	8		
Service-producing industries	121	12.99	13.93	10.93 - 14.09	-	-	-	-	-	-	-	-	5	2	5	24	7	3	5	36	-	-	12	-	2		
Truckdrivers																											
Light Truck	235	11.97	12.28	10.78 - 12.44	-	-	-	-	1	4	3	1	2	5	4	6	15	43	-	8	-	-	3	6	-		
Private industry	176	11.09	12.28	9.63 - 12.28	-	-	-	-	2	5	3	2	3	7	5	7	8	58	-	-	-	-	-	-	-		
State and local government	59	14.57	14.77	11.25 - 17.55	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	31	-	-	12	22	-		
Heavy Truck	465	13.01	12.51	12.51 - 13.71	-	-	-	-	-	-	-	-	-	-	-	6	5	59	11	10	-	7	-	2	-		
State and local government	411	12.65	12.51	12.51 - 12.70	-	-	-	-	-	-	-	-	-	-	-	7	6	65	13	9	-	(²)	-	-	-		
Tractor Trailer	864	15.94	16.74	14.47 - 17.72	-	-	-	-	-	-	-	-	-	-	-	-	1	1	15	1	13	10	16	36	6		
Private industry	813	16.04	16.74	14.45 - 17.72	-	-	-	-	-	-	-	-	-	-	-	-	1	1	16	1	7	10	17	38	6		
Goods-producing industries	232	14.15	12.40	12.29 - 17.62	-	-	-	-	-	-	-	-	-	-	-	-	2	4	56	-	9	-	13	14	-		
Manufacturing	232	14.15	12.40	12.29 - 17.62	-	-	-	-	-	-	-	-	-	-	-	-	2	4	56	-	9	-	13	14	-		

See footnotes at end of table.

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, 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
Warehouse Specialists	1,007	\$16.20	\$15.47	\$14.03 - \$17.93	-	-	-	-	-	-	-	-	-	(²)	1	2	2	7	11	3	29	2	18	9	5	10	1
Private industry	914	16.62	15.92	15.18 - 18.17	-	-	-	-	-	-	-	-	-	(²)	1	2	-	(²)	12	3	32	2	20	10	6	11	1
Goods-producing industries	428	17.68	17.93	17.93 - 19.53	-	-	-	-	-	-	-	-	-	1	1	-	-	-	15	7	-	-	33	8	12	23	-
Manufacturing	428	17.68	17.93	17.93 - 19.53	-	-	-	-	-	-	-	-	-	1	1	-	-	-	15	7	-	-	33	8	12	23	-

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–Wilmington–Atlantic City, PA–NJ–DE–MD Consolidated 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–Wilmington–Atlantic City, PA–NJ–DE–MD Consolidated Metropolitan Statistical Area (November 1994). 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–Wilmington–Atlantic City, PA–NJ–DE–MD Consolidated 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 17.4 percent of the sample establishments (representing 317,366 employees covered by the survey). An additional 5.2 percent of the sample establishments (representing 56,385 employees) were either out of business or outside the scope of the survey.

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

Some sampled establishments had a policy of not disclosing salary data for certain employees. No adjustments were made to pay estimates for the survey as a result of these missing data. In all but two of the occupational work levels published in this bulletin, the proportion of employees for whom pay data were not available was less than 5 percent. The two jobs were Accounting Clerks III (5.2 percent) and Accounting Clerks IV (11.0 percent).

Reliability of estimates

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

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

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

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	1.4
1 and under 3 percent	59.4
3 and under 5 percent	35.5
5 percent and over	3.7

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-Wilmington-Atlantic City, PA-NJ-DE-MD¹, 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	5,971	380	1,590,323	100	397,920
Private industry	5,505	342	1,323,903	83	263,873
Goods producing	1,479	96	277,859	17	59,591
Manufacturing	1,205	79	252,046	16	57,293
Mining ⁵	7	3	410	(⁶)	174
Construction ⁵	267	14	25,403	2	2,124
Service producing	4,026	246	1,046,044	66	204,282
Transportation, communication, electric, gas, and sanitary services ⁷	246	31	70,310	4	27,485
Wholesale trade ⁸	403	19	61,963	4	4,412
Retail trade ⁸	963	28	224,442	14	25,334
Finance, insurance, and real estate ⁸	406	22	115,924	7	29,814
Services ⁸	2,008	146	573,405	36	117,237
State and local government	466	38	266,420	17	134,047
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	553	120	884,807	100	355,056
Private industry	455	99	675,004	76	224,549
Goods producing	87	26	101,220	11	48,115
Manufacturing	87	26	101,220	11	48,115
Service producing	368	73	573,784	65	176,434
Transportation, communication, electric, gas, and sanitary services ⁷	34	12	47,501	5	25,095
Wholesale trade ⁸	13	3	7,314	1	1,824
Retail trade ⁸	75	8	122,339	14	22,665
Finance, insurance, and real estate ⁸	39	6	81,849	9	27,825
Services ⁸	207	44	314,781	36	99,025
State and local government	98	21	209,803	24	130,507

¹ The Philadelphia-Wilmington-Atlantic City Consolidated Metropolitan Statistical Area, as defined by the Office of Management and Budget through June 1994, consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA; Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem Counties, NJ; New Castle County, DE; and Cecil County, MD. 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 Less than 0.5 percent.

⁷ Abbreviated to "Transportation and utilities" in the A-series tables. This division is represented in the "all industries" and "service producing" estimates.

⁸ 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.