Occupational Compensation Survey: Pay Only

Pittsburgh, Pennsylvania, Metropolitan Area, May 1995



U.S. Department of Labor Bureau of Labor Statistics

Bulletin 3080-24

Preface

This bulletin provides results of a May 1995 survey of occupational pay in the Pittsburgh, PA Primary Metropolitan Statistical Area. This survey was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. Data from this program are for use in implementing the Federal Employees Pay Comparability Act of 1990. The survey was conducted by the Bureau's regional office in Philadelphia, under the direction of Charles E. Scott, 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: Division of Occupational Pay and Employee Benefits, 2 Massachusetts Avenue, NE, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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Occupational Compensation Survey: Pay Only

Pittsburgh, Pennsylvania, Metropolitan Area, May 1995



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

Bureau of Labor Statistics Katharine G. Abraham, Commissioner

October 1995

Bulletin 3080-24

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Introduction

This survey of occupational pay in the Pittsburgh, PA Primary Metropolitan Statistical Area (Allegheny, Fayette, Washington, and Westmoreland Counties) was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. The survey is one of a number of metropolitan areas surveyed annually 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. Tables A-11 and A-12 present separate occupational pay information for the health services industry.

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, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	e range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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	200 and ove
PROFESSIONAL OCCUPATIONS																											
Accountants Level I Private industry Service-producing industries	176 169 154	38.5 38.5 38.4	\$472 472 467	\$455 452 452	404	- \$507 - 503 - 498	 - - -	17 18 19	24 25 25	33 31 33	10 9 8	7 7 5	8 8 8	1 1 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	 - -	_ _ _	- - -	- - -	- - -	- - -
Level II	564 549 350 32	39.4 39.4 39.3 40.0	592 592 597 755	590 590 596	519 523	- 655 - 654 - 650 	- - -	3 (³)	8 8 8	11 10 12 -	17 17 15 –	17 17 21 9	28 28 30 31	11 11 9 9	4 4 4 44	1 1 1 6	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level III	290 251 315	39.7 39.8 39.9 39.9 39.6 40.0 38.6	773 774 821 810 730 1,038 738	760 760 808 806 700 - 733	673 721 705 650	- 862 - 862 - 890 - 890 - 818 843	- - - - -	(3) (3) - (3) - (3)	(3) (3) - - 1	1 1 - - 1 -	(3) (3) - - (3) -	7 7 - 13 -	26 25 16 17 34 - 47	27 27 31 32 24 -	25 24 32 33 17 4	9 9 13 15 5 36	4 4 6 2 3 24	2 2 2 2 2 2 2 28	(3) (3) - - 1 8	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Level IV	268 121 107	39.4 39.5 39.9 39.9 39.1 38.8	1,023 1,028 1,124 1,141 948 877	1,028 1,029 1,124 1,127 954	899 1,055 1,055 826	- 1,144 - 1,146 - 1,200 - 1,200 - 1,029 	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	2 2 - - 3 -	9 10 - - 18 -	15 13 7 5 18 75	16 16 8 6 22	20 20 22 25 18 25	23 24 34 33 15	9 10 17 19 4	5 6 11 12 1	- - - -	(3) (3) 1 1 -	- - - -	- - - -	- - - -	- - - -	- - - -
Accountants, Public Level II	180	38.8 38.8 38.8	621 621 621	612 612 612	596	- 637 - 637 - 637	- - -	- - -	_ _ _	_ _ _	- - -	29 29 29	63 63 63	8 8 8	- - -	- - -	- - -	- - -	- - -	- - -	_ _ _	- - -	- - -	- - -	_ _ _	- - -	 - -
Level III		39.0 39.0 39.0	814 814 814	779 779 779	692	- 885 - 885 - 885	- - -	- - -	- - -	- - -	- - -	- - -	29 29 29	22 22 22	26 26 26	10 10 10	10 10 10	3 3 3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level IV Private industry Service-producing industries	68 68 68	38.7 38.7 38.7	1,207 1,207 1,207	1,250 1,250 1,250	952	- 1,358 - 1,358 - 1,358	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	9 9 9	18 18 18	9 9 9	7 7 7	22 22 22	13 13 13	9 9 9	9 9 9	4 4 4	- - -	- - -	- - -	- - -
Attorneys Level II		39.0 39.2 38.3	1,010 1,093 776	- - 775		 - 803	 - -	- - -	- - -	1 - 6	3 - 11	- - -	- - -	13 2 44	10 6 22	25 31 6	16 18 11	12 16 –	9 12 –	- - -	12 16 –	- - -	- - -	- - -	- - -	_ _ _	- - -
Level III	141 114 95	39.2 39.5 39.4	1,203 1,262 1,259	1,165 1,260 1,269	1,140	- 1,330 - 1,390 - 1,434	- - -	- - -	- - -	- - -	- - -	- - -	- - -	2 - -	7 - -	14 14 17	4 2 1	28 29 31	7 9 5	18 22 20	8 10 9	9 11 13	3 4 4	- - -	- - -	- - -	- - -
Level IV Private industry Goods-producing industries	73	39.6 39.8 40.0	1,553 1,591 1,604	1,538 - -	-	- 1,777 	- - -	- - -	 - -	- - -	- - -	- - -	- - -	- - -	_ _ _	- - -	2 - -	5 3 -	15 14 18	12 11 10	10 11 10	15 16 18	6 7 2	11 12 18	11 12 4	10 11 16	2 3 4

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							ı	Percent	of work	ers rece	eiving st	traight-ti	me wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ı	range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Level V Private industry	70 70	39.5 39.5	\$1,908 1,908	- -	 	· _	 - -	-	_ _	_ _	- -	- -	_ _ _	_ _	_ _	_ _ _	_ _	3	1 1	3	7 7	7 7	3	16 16	9	6 6	46 ⁴ 46
Engineers Level I	213 200 92 92 108	39.8 40.0 40.0 40.0 40.0	659 667 643 643 687	\$649 663 633 633 694	\$576 - 577 - 577 - 577 - 538 -	728 679 679	- - - -		- - - -	- - - -	21 18 10 10 26	13 11 23 23 1	33 35 46 46 26	18 19 17 17 20	14 14 3 3 24	2 2 1 1 3	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level II	534 454 249 181 205 41 80	39.6 39.9 39.8 39.7 40.0 40.0 37.6	732 743 728 732 761 846 672	731 748 732 723 772 906 658	644 - 666 - 666 - 666 - 640 - 686 - 616 -	804 798 803 864 957	- - - - -		- - - - -	- - - - -	2 3 4 5 2 -	8 9 8 5 10 2 4	32 26 29 33 22 24 66	34 37 41 32 31 10	13 13 13 18 14 12 11	9 11 4 6 19 41	1 2 1 2 2 10	- - - -	- - - - -	- - - - -		- - - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - - -
Level III	1,112 502 478 610	39.7 39.8 39.6 39.6 39.9 38.2	926 935 901 901 964 820	881 885 870 870 912 805	795 - 803 - 814 - 810 - 796 - 750 -	1,047 962 962 1,179	- - - -		- - - - -	- - - - -	- - - - -	- - - -	4 4 3 4 5 8	21 20 18 19 22 39	29 29 38 37 22 22	18 17 24 22 12 28	8 8 9 9 8 3	7 8 5 5 10	11 12 4 4 19	1 2 - - 3 -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - -	- - - -
Level IV Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,183 516 472	39.8 39.8 39.7 39.6 40.0 38.1	1,036 1,038 1,074 1,063 1,010 974	1,017 1,018 1,060 1,047 993 979	932 - 937 - 975 - 969 - 901 - 916 -	1,121 1,171 1,152 1,087	- - - -		- - - - -	- - - - -	- - - -	- - - -	- - - - -	1 1 1 1 2	16 16 8 9 23 9	26 25 23 25 27 44	27 27 28 28 28 25 47	16 16 19 19 14	8 9 16 13 3	3 3 4 3	2 2 2 1 2	(3) (3) - - 1	- - - -	- - - -	- - - - -	- - - -	- - - -
Level V: Private industry: Goods-producing industries Manufacturing	360 360 60 14	39.9 39.9 40.0 38.2	1,225 1,225 1,497 1,094	1,229 1,229 1,517	1,127 - 1,127 - 1,292 - 	1,322	- - -	1111	- - -	- - -	- - -	- - -	- - -	- - -	(3) (3) - -	5 5 - 14	16 16 - 29	21 21 7 57	29 29 18 –	19 19 12 –	5 5 5 –	4 4 25 –	1 1 3 -	- - 27 -	- - 3 -	- - -	- - -
Level VI: Private industry: Goods-producing industries Manufacturing	136	40.0 40.0	1,452 1,452	1,417 1,417	1,327 – 1,327 –	,	_ _ _	I -	_ _ _	_ _	- -	- -	_ _ _	_ _	_ _ _	_ _ _	1 1	4 4	15 15	26 26	19 19	21 21	5 5	4 4	1 1	2 2	2 2
Registered Nurses Level I	641 335 320 306	39.0 39.8 39.8 38.1	615 638 641 589	615 626 626 601	565 – 584 – 584 – 554 –	664	- - - -	- - -	2 1 - 3	5 1 2 9	7 4 4 11	27 27 28 26	46 50 48 42	8 8 8 8	5 9 9 –	- - - -	- - - -	- - -	- - - -	- - - -	- - -	- - -	- - - -	- - -	- - - -	- - - -	- - - -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							ı	Percent	of work	ers rec	eiving s	traight-ti	me wee	ekly pay	(in dolla	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ra	ange	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Level II Private industry Service-producing industries State and local government	10,162 9,977 9,948 185	39.8 39.8 39.8 39.8	\$721 721 721 757	\$723 722 722 750	\$662 - 660 - 661 - 703 -	\$767 767 767 819	- - - -	1 1 1	(3) (3) (3)	(3) (3) (3)	(3) (3) (3)	4 4 4 1	35 36 36 8	46 46 46 62	11 11 11 30	2 2 2 -	(3) (3) (3)	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	- - -	- - -
Level III Private industry Service-producing industries	166 166 165	39.8 39.8 39.8	917 917 916	912 912 911	854 – 854 – 854 –	981 981 978	- - -	- -	- - -	- - -	- - -	- - -	- - -	10 10 10	33 33 33	37 37 38	19 19 18	1 1 1	- - -	- - -	- - -	- - -	- - -	 - -	- - -	- - -	- - -
Level III anesthetists Private industry Service-producing industries	196 196 196	39.9 39.9 39.9	1,228 1,228 1,228	1,265 1,265 1,265	1,078 – 1,078 – 1,078 –	1,356 1,356 1,356	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 1	2 2 2	29 29 29	10 10 10	15 15 15	42 42 42	2 2 2	- - -	- - -	- - -	- - -	- - -	- - -
ADMINISTRATIVE OCCUPATIONS																											l
Budget Analysts Level II: State and local government	8	36.1	619	_		_	_	-	_	25	_	_	50	25	_	_	_	_	_	_	_	_	_	_	_	-	-
Buyers/Contracting Specialists Level I	70 66 45	40.1 40.5 40.0	536 540 554	- - -	 	- - -	- - -	4 5 -	9 5 4	37 39 36	9 9 9	14 14 20	23 24 29	4 5 2	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	275 263 174 173 89 12	39.4 39.4 39.5 39.5 39.3 37.6	669 670 696 697 620 626	654 654 693 693 612	589 – 591 – 615 – 616 – 548 –	769 769 770 770 681	- - - -		1 1 - - 2	10 9 6 6 13 33	7 6 4 4 11 8	12 11 9 9 16 25	33 35 33 33 38 -	23 24 30 31 10 8	13 12 15 15 7 25	2 2 2 2 2	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -	- - - -	- - - -		- - - - -
Level III	145 141 97 91	39.6 39.6 39.7 39.7	874 873 878 870	865 865 867 865	741 – 739 – 741 – 721 –	975 992 961 961	- - - -	1 1 1	- - - -	2 2 - -	1 1 - -	1 1 2 2	4 4 - -	28 29 34 36	18 17 18 19	21 21 27 29	7 7 9 3	16 16 9 10	1 1 1	- - - -	- - - -	- - -	- - - -	- - -	- - -	- - -	- - -
Level IV	66 66	39.8 39.8	1,030 1,030	_ _		_	 - -	-	 -	 - -	_ _	 -	-	_ _	9	32 32	32 32	24 24	3	 - -	_ _	-	_ _	_ _	_ _	-	_ _
Computer Programmers Level I	127 116 103 27 11	39.1 39.2 39.1 40.0 38.8	517 525 525 584 432	537 538 538 - -	442 - 490 - 490 - 	567 574 560 –	4 4 5 -	6 4 - - 18	16 10 12 - 73	13 14 16 4	35 37 42 48 9	16 17 16 19	11 12 11 30	1 1 - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -	- - - -		- - - -
Level II	526 510 151 144 359 71	39.2 39.3 39.7 39.7 39.1 40.0	590 593 625 627 579 631	580 582 612 632 571 580	538 - 539 - 548 - 542 - 538 - 564 -	640 643 706 710 621 692	1 1 - - 1	1 1 - 1 -	7 6 11 12 4 -	8 8 3 3 10 -	16 16 11 12 18 23	24 25 13 14 30 31	30 30 34 31 28 23	10 10 19 19 7 18	3 8 8 1 6	- - - - -	(3) (3) 1 1 -	- - - - -	- - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - -		- - - - -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay lollars) ²							F	Percent	of work	ers rece	eiving s	raight-ti	me wee	kly pay	(in dolla	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle range	e a	300 and nder 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Level III Private industry	889 866 89 68 777 150	39.0 39.0 39.2 38.9 39.0 40.0	\$701 701 758 744 695 799	\$689 688 772 - 681 775	616 – 698 –	762 808 - 750	- - - - -	(3) (3) - (3) -	1 1 - - 1	1 1 - - 1	3 3 - - 3 -	7 7 3 4 7	43 43 25 32 45 28	31 31 45 38 29 25	9 10 26 24 8 17	4 4 1 1 4 20	1 1 - - 2 8	- - - -			- - - -	- - - - -		-	1 1 1 1 1	- - - -	- - - -
Level IV Private industry Service-producing industries	408 408 372	38.3 38.3 38.2	834 834 830	841 841 838	769 – 769 – 761 –	902	- - -	- - -	- - -	(³) (³) 1	1 1 1	1 1 1	7 7 8	25 25 27	41 41 38	20 20 20	4 4 3	1 1 1		- - -	- - -	- - -	- - -	<u>-</u> -	-	- - -	- - -
Computer Systems Analysts Level I	318 310 126 114 184 8	39.3 39.4 39.6 39.6 39.3 35.3	725 728 786 770 688 636	710 712 758 745 673	653 - 653 - 704 - 695 - 618 -	796 876 827 759	- - - - -	(3) (3) - - 1	(3) (3) - - 1	(³) (³) 1	3 3 - - 4 13	10 10 4 4 15	31 30 20 22 38 63	32 33 39 43 29 13	13 14 17 19 11	8 8 17 9 2	1 1 2 3 -	- - - -			- - - -	- - - - -				- - - -	- - - - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government	1,196 1,185 253 214 932 124 11	39.2 39.3 39.9 39.9 39.1 40.0 36.9	865 865 938 916 845 923 848	859 859 943 895 852 889	817 – 776 – 788 –	923 ,040 999 890 997	- - - - -	- - - - -	- - - - -	- - - -	- - - - -	1 1 - - 1 -	6 6 1 1 8 1 9	22 22 14 16 24 25 9	43 42 28 34 46 31 55	16 16 24 25 14 19 27	8 8 18 12 5 7	4 4 14 10 1 6	1 (³) (³) 2 11	(3) (3) (3) (3) - -	- - - -	- - - - -			1 1 1 1 1 1	- - - -	- - - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities	623 614 219 187 395 35	39.5 39.5 39.9 39.9 39.2 40.0	1,025 1,026 1,082 1,057 995 1,036	1,006 1,006 1,051 1,021 1,002	935 — 1 948 — 1 935 — 1 932 — 1	,089	- - - - -	- - - -	- - - -		- - - - -	- - - -	- - - -	3 2 1 1 3	14 14 10 12 16 9	28 28 27 32 29 29	31 31 16 19 39 34	12 12 16 16 9 29	8 21 11 1	2 2 5 6 1	(3) (3) (3) 1 1	(3) (3) 1 1 (3)	(3) (3) (3) 1 -	-	11111	- - - -	- - - - -
Computer Systems Analyst Supervisors/Managers Level I	352 352 310	38.5 38.5 38.3	1,057 1,057 1,031	1,058 1,058 1,041	938 – 1	,163	- - -	- - -	- - -	- - -	- - -	- - -	2 2 2	4 4 5	12 12 14	18 18 20	26 26 27	17 17 17	10 10 8	9 9 5	1 1 1	- - -	(³) (³) -	_ _ _	1 1 1	- - -	- - -
Level II Private industry	177 176 53 123	38.8 38.8 39.9 38.4	1,238 1,240 1,391 1,174	1,208 1,210 - 1,183	1,114 – 1	,360	- - -	- - -	- - -	- - -	- - -	- - -	- - -		3 3 - 4	6 6 - 9	14 14 8 16	23 23 8 30	19 19 17 20	16 16 15 16	7 7 21 2	10 10 28 2	1 1 2 -	1 1 2 -		- - -	_ _ _ _
Personnel Specialists Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	216 173 51 51 122 43	39.2 39.4 39.6 39.6 39.3 38.2	598 572 629 629 549 701	577 564 - - 550 726	519 - 510 - 492 - 616 -	662 630 - - 590 785	1 1 - 2 -	2 2 - - 3 -	3 4 - - 6 -	10 12 4 4 16 2	17 19 8 8 24 7	29 34 49 49 27 12	18 16 10 10 18 26	14 10 22 22 5 33	6 2 6 6 - 21	(³) 1 2 2 -	- - - - -	- - - - -			- - - - -	- - - - -		- - - -		- - - - -	- - - - -

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

	Normalia	Average			kly pay ollars) ²							ı	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middl	e range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Level III	335	39.0	\$769	\$753	\$692	- \$860	-	-	1	1	3	7	16	29	27	10	6	(3)	-	-	-	-	-	-	-	-	-
Private industry	297	39.3	768	747	692	- 861	-	-	1	2	3	7	16	29	25	11	6	(3)	-	-	-	-	-	-	-	-	-
Goods-producing industries	108	39.9	824	766	739	- 916	-	-	-	-	2	1	3	47	21	8	17	1	-	-	-	-	-	-	-	_	-
Manufacturing	86	39.9	799	747	739	- 880	-	-	l -	l -	2	1	3	55	20	10	7	1	-	-	-	-	-	-	-	_	-
Service-producing industries	189	38.9	737	714	637	- 850	-	-	2	3	4	11	24	19	26	12	1	-	-	-	-	-	_	-	-	_	-
State and local government	38	37.2	774	-	_		-	-	-	-	-	3	18	29	45	5	-	-	-	-	-	-	-	-	-	-	-
Level IV	258	39.4	1,008	1,002	885	- 1,104	_	_	_	l _	(3)	(3)	2	4	22	19	25	14	7	3	2	l –	_	_	_	_	_
Private industry	243	39.4	1,004	1,003	885	- 1,104	-	-	-	-	(3)	(3)	2	4	22	19	26	15	7	3	1	-	_	-	-	_	-
Goods-producing industries	101	39.7	1,082	1,058	960	- 1,184	-	-	-	-		`- <i>`</i>	-	_	4	25	28	25	14	3	2	-	_	-	-	_	-
Manufacturing	82	39.7	1,059	1,052	956	- 1,136	-	-	-	-	_	-	-	_	5	30	34	15	10	4	2	-	_	-	-	_	l –
Service-producing industries	142	39.2	949	926	825	- 1,067	-	_	-	-	1	1	4	6	35	15	25	8	1	4	-	-	_	-	-	-	-
State and local government	15	39.0	1,064	965	805	- 1,270	-	-	-	-	-	-	-	13	27	13	-	7	20	-	20	-	-	-	-	-	-
Level V	51	39.5	1,295	_	_		_	_	_	_	_	_	_	_	4	4	6	20	10	25	18	8	6	_	_	_	_
Private industry	51	39.5	1,295	-	-		-	-	-	-	-	-	-	-	4	4	6	20	10	25	18	8	6	-	-	-	-
Tax Collectors																											
Level II	47	36.5	575	594	415	- 673	_	_	34	l –	6	13	34	11	2	l –	_	l –	l –	_	-	l –	_	-	_	_	-
State and local government	47	36.5	575	594	415	- 673	_	_	34	l –	6	13	34	11	2	l –	_	l –	l –	_	-	l –	_	-	l –	l –	_

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: 10 percent at \$2,000 and under \$2,100; 13 percent at \$2,100 and under \$2,200; 14 percent at \$2,200 and under \$2,300; 6 percent at \$2,300 and under \$2,400; 1 percent at \$2,400 and under \$2,500; and 1 percent at \$2,500 and under \$2,600.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle r	ange	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100
TECHNICAL OCCUPATIONS																											
Computer Operators Level II	298 277 243	39.6 39.7 39.7	\$417 416 418	\$408 407 413	\$378 – 378 – 380 –	\$446 446 446	- - -	- - -	- - -	4 5 5	6 6 5	9 7 6	18 19 16	40 40 44	13 13 14	5 5 3	1 1 1	5 5 5	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level III Private industry Service-producing industries Transportation and utilities State and local government	200 181 156 39 19	39.1 39.3 39.1 40.0 37.9	563 564 565 644 547	551 556 549 - 511	518 - 522 - 520 - 453 -	609 608 618 – 621	- - - -	- - - -	- - - -	- - - -	- - - -	2 3 2 - -	1 2 2 -	6 5 6 5 16	7 5 5 5 26	31 32 36 5 21	22 24 19 8 11	10 10 9 18 11	13 15 16 38 -	2 2 3 10 -	3 2 3 10 16	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Drafters Level I Private industry Service-producing industries	87 87 60	40.0 40.0 40.0	446 446 438	402 402 –	380 – 380 – – –	538 538 –	- - -	- - -	- - -	- - -	8 8 12	8 8 8	16 16 17	32 32 33	2 2 2	15 15 7	3 3 -	15 15 22	- - -	- - -	_ _ _	- - -	- - -	 - - -	- - -	- - -	- - -
Level II	318 318 198 198 120	39.9 39.9 39.9 39.9 39.9	486 486 442 442 557	480 480 429 429 545	398 - 398 - 360 - 360 - 471 -	560 560 508 508 640	- - - -	- - - -	- - - -	- - - -	- - - -	11 11 17 17	15 15 21 21 4	18 18 20 20 14	14 14 12 12 19	13 13 13 13 13	12 12 14 14 10	8 8 3 3 17	3 3 - - 9	5 5 - - 13	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III	182 179 75 61 104	39.9 39.9 40.0 40.0 39.8	657 655 638 621 667	635 635 - - 678	567 – 567 – – – 557 –	732 732 - - 750	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	1 1 - - 1	1 1 - - 1	3 3 - - 5	11 11 5 7 15	25 25 31 38 21	13 13 29 25 2	9 9 7 8 12	18 18 19 23 17	10 10 9 - 11	3 2 - - 3	- - - -	7 7 - - 13	- - - -	- - - -	- - - -
Engineering Technicians Level III Private industry Goods-producing industries Manufacturing Service-producing industries	198 198 69 69 129	40.0 40.0 40.0 40.0 40.0	682 682 621 621 714	689 689 - - 732	616 – 616 – – – 664 –	780 780 - - 803	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	9 9 1 1 1	8 8 17 17 3	4 4 10 10	14 14 30 30 5	19 19 28 28 14	17 17 13 13	9 9 - - 14	15 15 - - 23	4 4 - - 5	2 2 - - 2	- - - -	- - - -	- - - -
Level IV	348 348 96 96 252	39.8 39.8 39.7 39.7 39.8	752 752 736 736 758	764 764 730 730 781	693 - 693 - 681 - 681 - 710 -	792 792 771 771 797	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	1 1 - - 1	2 2 - - 3	7 7 1 1 1	6 6 7 7 6	10 10 26 26 4	12 12 22 22 8	40 40 26 26 45	11 11 13 13 10	5 5 5 5 5	1 1 - - 1	3 3 - - 4	2 2 - - 2	1 1 - - 1
Engineering Technicians, Civil Level III Private industry Service-producing industries State and local government	233 86 54 147	38.6 40.0 40.0 37.8	544 572 557 528	542 575 - 484	474 – 520 – – – 445 –	589 640 - 589	- - -	- - - -	- - - -	- - - -	- - - -		1 3 6 -	21 3 6 31	18 13 20 21	12 20 9 7	24 26 26 23	9 16 19 4	14 13 6 14	1 3 6 -	1 2 4 –	- - - -	_ _ _ _	- - - -	- - - -	- - -	- - - -

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							F	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	/ (in dol	lars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	le range	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100
Level IV Private industry Service-producing industries State and local government	161 132 116 29	39.6 39.8 39.8 38.4	\$727 727 720 731	\$729 730 720 719	\$674 644 640 684	- \$78 - 78 - 78	6 – 6 –	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	- - -	2 2 3 -	2 3 3 -	4 5 5 -	12 15 17 –	16 10 11 41	20 21 17 14	27 23 22 45	9 11 13 -	4 5 3 -	2 3 3 -	1 2 2 -	- - -	- - - -
Level V: State and local government	8	38.1	795	-	-		-	_	_	_	_	_	_	-	_	_	_	_	_	50	_	13	25	13	_	-	-
Licensed Practical Nurses Level II Private industry Service-producing industries State and local government	1,665	39.9 39.9 39.9 39.6	475 475 475 478	470 478 478 457	433 430 430 457	- 51 - 51 - 51 - 52	2 -	- - - -	- - - -	(3) (3) (3) -	(3) (3) (3)	(³) 1 1 -	5 4 4 8	24 27 27 12	33 28 28 28 53	29 35 35 4	8 5 5 22	(³) - - 1	- - - -	- - - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - - -
Nursing Assistants Level I Private industry Service-producing industries	266 152 152	39.9 40.0 40.0	299 248 248	265 250 250	240 220 220	- 37 - 26 - 26	0 28	9 16 16	29 51 51	5 - -	2 3 3	(³) 1 1	36 1 1	3 1 1	- - -	- - -	_ _ _	_ _ _	_ _ _	 - -	- - -	 - - -	- - -	_ _ _	_ _ _	- - -	- - -
Level II		39.8 39.9 39.9 39.5	342 325 325 402	338 320 320 382	290 283 283 368	- 36 - 36 - 36 - 41	55 1 55 1	6 7 7 -	9 12 12 -	12 15 15 2	16 18 18 11	13 16 16 3	27 20 20 51	7 6 6 11	5 4 4 8	3 - - 16	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -
Level III	1,160 1,109 1,109	39.8 39.8 39.8	364 351 351	360 360 360	306 305 305	- 39 - 39 - 39	2 –	1 1 1	2 2 2	18 19 19	10 11 11	5 5 5	43 45 45	15 16 16	1 1 1	1 - -	(3) - -	(3) - -	2 - -	1 - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
PROTECTIVE SERVICE OCCUPATIONS																											
Corrections Officers	631 631	40.0 40.0	584 584	573 573	511 511	- 67 - 67		-	_	-	1	_ _	2 2	21 21	1 1	19 19	9	2 2	27 27	13 13	6	-	-	- -	-	-	- -
Firefighters State and local government	605 605	42.0 42.0	680 680	705 705	705 705	- 70 - 70		-	_ _	-	-	_ _	_ _	3 3	_ _	9 9	-	- -	- -	88 88	-	-	_ _	- -	-	- -	- -
Police Officers Level I	108 108	40.0 40.0 40.0 40.0	680 517 517 690	687 522 522 712	574 498 498 574	- 76 - 54 - 54 - 76	- 0 H	- - - -	- - - -	- - - -	- - - -	- - - -	1 6 6 (³)	1 2 2 1	2 19 19 1	13 65 65 10	19 - - 20	10 9 9 10	5 - - 5	7 - - 7	26 - - 28	12 - - 13	2 - - 2	3 - - 3	- - - -	- - -	- - - -
Level II State and local government		40.0 40.0	603 603	- -	_		-	_ _	_	_ _	_ _	- -	_ _	- -	- -	11 11	33 33	56 56	_ _	_ _	- -	_ _	_	_ _	_ _	- -	

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.
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. $^{\rm 3}$ Less than 0.5 percent.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²						Perc	ent of v	vorkers	receivir	ng straig	jht-time	weekly	pay (in	dollars)	of—					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000
Clerks, Accounting Level I	306	39.7 39.8 39.7	\$278 278 276	\$280 281 279	\$258 - \$30 258 - 30 253 - 30	2 8	8 8 9	5 5 6	21 21 20	29 29 29	20 21 19	5 5 5	2 2 2	1 1 (³)	(³) (³) (³)	(³) (³) (³)	- - -	_ _ _	- - -	- - -	- - -	_ _ _	- - -	- - -	- - -
Level II: Private industry: Goods-producing industries Manufacturing Service-producing industries:	321	39.5 39.4	390 393	378 378	328 – 44 331 – 44	-	 - -	<u>-</u>	5 3	3	17 12	14 21	22 22	18 15	9	9 11	3 3	(³) 1	_ _	_ _	_ _	_ _ _	_ _	_ _	- -
Transportation and utilities State and local government		39.9 36.8	367 461	346 446	316 – 40 383 – 54		-	_	12 3	7 2	12 -	21 -	21 39	16 11	3 2	5 25	6	8	2	_	_	-	-	_	-
Level III	476 298	39.3 39.4 39.1 37.2	437 435 422 462	430 426 411 –	361 - 5 ² 357 - 50 355 - 46)6 –	- - -	3 4 - -	1 1 1	3 3 5 -	2 2 3 -	11 12 13 -	21 21 26 21	21 21 25 24	11 10 8 24	12 11 8 32	8 9 5 -	4 5 4 –	2 3 2 -	- - -	- - -	- - -	- - -	- - -	- - -
Level IV	132 78 78	38.9 38.9 39.3 39.3 38.3	526 525 552 552 488	537 535 - - -	449 - 56 446 - 56 		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	19 19 1 1 1 44	7 7 3 3 13	21 21 28 28 11	11 11 14 14 6	22 22 36 36 2	8 7 9 9 4	5 5 4 4 6	7 7 5 5 9	2 2 - - 6	- - - -	- - - -	- - - -	- - - -
Clerks, General Level I Private industry Service-producing industries State and local government	182 182	38.4 38.7 38.7 37.1	278 271 271 305	288 271 271 298	250 - 30 239 - 30 239 - 30 298 - 29)2 –)2 –	14 18 18 -	11 12 12 4	19 23 23 4	30 20 20 67	16 16 16 18	9 12 12 –	- - -	1 - - 7	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -
Level II	1,388 247 99 1,141 152	38.6 39.1 39.9 39.7 38.9 40.0 35.7	308 304 278 288 309 347 330	300 293 260 260 302 338 334	265 - 34 263 - 34 250 - 36 250 - 37 269 - 34 300 - 37 285 - 36	10 – 100 – 18 – 15 – 11 –	4 4 1 2 4 -	9 9 17 11 7 - 9	20 22 45 48 17 7 8	17 19 9 13 21 18 7	16 16 16 8 16 18	14 11 6 2 13 11 25	17 16 4 10 18 33 22	3 3 1 2 3 9 5	(3) - (3) 1 2	1 1 1 3 (³) 1 (³)	- - - - -	- - - - -	(3) (3) - (3) 2 1	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Level III	670 643	38.9 39.3 39.3 37.0	415 419 419 395	402 408 408 377	360 - 47 356 - 47 356 - 47 377 - 40	72 – 72 –	- - -	- - -	3 1 1 10	3 3 3 1	7 8 8 3	8 9 10 3	29 22 21 59	22 26 26 7	11 12 13 4	12 12 12 10	2 2 2 4	4 5 5 –	(3) (3) (3)	- - -	- - -	- - -	- - -	- - -	- - -
Level IV	341 299	39.1 39.0 38.9 39.9	475 476 482 533	467 467 467 534	389 - 54 382 - 56 382 - 57 467 - 60	69 – 76 –	- - -	- - - -	- - -	(3) (3) (3) -	3 3 4 -	11 11 9 2	15 15 17 13	7 8 5 –	31 28 27 28	9 9 9 11	8 9 8 12	12 12 14 24	- - - -	4 4 5 8	- - -	- - - -	1 1 1 1	- - -	- - -

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²						Perd	ent of v	vorkers	receivir	ng straig	ht-time	weekly	pay (in	dollars)	of—					
Occupation and level	Number of workers	hours ¹	Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000
Clerks, Order Level I Private industry Goods-producing industries Manufacturing Service-producing industries	332	39.7 39.7 40.0 40.0 39.6	\$338 338 394 394 313	\$337 337 385 385 307	\$280 - \$384 280 - 384 312 - 429 312 - 429 260 - 357	- - - -	4 4 - - 6	6 6 2 2 8	13 13 - - 18	9 9 4 4 11	17 17 22 22 15	11 11 - - 17	19 19 25 25 16	15 15 30 30 8	3 3 5 5 2	2 2 5 5	1 1 2 2	2 2 6 6	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Key Entry Operators Level I Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	388 . 75 . 65 . 313	39.3 39.4 40.0 40.0 39.3 37.5	329 325 368 367 315 362	315 309 - - 300 357	265 - 375 260 - 371 260 - 356 330 - 387	- - - -	7 8 7 8 9	10 11 5 6 13	12 12 - - 15 7	6 6 8 3 6	21 21 17 20 22 15	12 11 24 28 7 24	16 14 4 5 16 39	4 5 11 3 4	4 3 5 6 3 10	7 7 19 22 5 5	(³) 1 - 1 - 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -
Level II Private industry Service-producing industries	. 152 . 149 . 145	38.6 38.6 38.5	338 334 329	355 355 353	257 - 392 256 - 392 251 - 392	- - -	5 5 5	17 17 18	11 11 11	8 8 8	6 6 6	1 1 1	30 31 32	16 17 17	1 1 1	5 3 -	 - -	- - -	 - -	- - -	 - -	 - -	- - -	- - -	- - -
Secretaries Level I Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	613 99 80 514	39.5 39.6 39.7 39.6 39.6 38.3	445 446 400 414 455 420	431 439 376 399 443 400	356 - 546 356 - 546 316 - 487 316 - 516 362 - 559 358 - 512	- - - -	- - - -	- - - - -	1 1 - - 1	5 6 12 15 4	8 9 29 21 5	6 6 1 1 7	19 17 10 13 19 57	15 15 14 9 16 11	5 6 12 15 4	17 17 10 13 18 32	23 24 10 13 26	(3) (3) 1 1 -	- - - -	- - - -	- - - - -	- - - -	- - - -	- - - -	- - - - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	1,370 184 154 1,186	38.3 38.5 39.8 39.7 38.3 37.4	438 439 486 496 432 435	426 423 480 491 418 439	375 - 493 376 - 489 417 - 565 438 - 575 370 - 480 369 - 498	- - - -	- - - -	(3) (3) - - (3)	- - - - -	1 1 - - 1	3 3 1 1 4 5	9 9 3 3 10 13	22 23 14 12 25 11	27 28 18 14 29 24	14 12 24 21 10 25	12 11 14 16 10 20	8 9 20 23 7 1	3 4 7 8 3	1 1 1 1 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - - -
Level III	1,877 643 474 1,234 58	38.8 38.9 39.9 39.9 38.5 40.0 37.2	499 499 558 544 469 639 500	488 487 551 544 461 658 495	432 - 560 430 - 563 506 - 611 501 - 583 403 - 516 588 - 689 471 - 545	- - - - -	- - - - -	- - - - -	- - - - -	(3) (3) - (3) - (3)	(3) (3) - (3) - (3)	3 3 - 4 -	12 12 - - 19 - 10	16 16 5 6 22 - 5	23 22 15 16 26 2 43	17 17 29 33 10 7	14 14 24 29 9 17	9 10 16 11 6 14 6	4 4 7 4 3 55 1	1 1 4 (³) (³) 3	(3) (3) (3) (3) (3) (3) 2	(3) (3) (3) (3) 	- - - - -	- - - -	- - - - -
Level IV	. 599 . 133 . 132	38.7 38.7 39.8 39.8 38.4 39.9	556 554 675 674 520 643	534 530 669 669 506	466 - 640 465 - 638 617 - 715 617 - 715 454 - 568 	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	3 3 - - 4 -	14 15 - - 19	17 18 - - 23 18	18 18 - - 24 6	15 15 20 20 14 9	8 8 11 11 7 6	13 13 37 37 6 24	6 6 15 15 3 24	4 4 13 13 1 1 15	(3) (3) - (3) -	1 1 5 4 -	- - - -	- - - -
Level V Private industry Service-producing industries	. 91	38.4 38.5 38.3	661 659 640	643 643 643	624 - 712 624 - 705 594 - 662	- - -	- - -	- - -	- - -	- - -	=	- - -	- - -	1 1 1	5 5 6	5 5 6	12 12 14	31 32 36	19 20 22	6 4 4	15 15 9	1 1 -	1 1 1	2 2 -	1 1 1

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²						Perc	ent of v	vorkers	receivir	ıg straig	ht-time	weekly	pay (in	dollars)	of—					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000
Switchboard Operator-Receptionists	196 155	39.2 39.3 39.3 39.5 39.4 37.3	\$317 313 324 305 309 380	\$308 308 308 296 308 362	\$270 - \$350 269 - 347 260 - 367 260 - 347 270 - 340 298 - 410	(3) (3) - - (3) -	2 2 1 1 3	7 7 14 17 5	19 20 21 25 19 5	16 16 8 10 19 20	21 22 13 15 25 4	11 11 12 11 11 2	16 15 12 13 16 29	5 4 11 3 1 29	2 2 4 5 1 2	1 1 4 1 - 4	- - - - -	- - - - -	(³) - - - - 5	(3) (3) - - (3) -	- - - - -	- - - - -	- - - - -	- - - - -	- - - -
Word Processors Level I Private industry Service-producing industries Level II Private industry Service-producing industries	101 99 147	39.4 39.6 39.6 39.9 39.9 39.9	361 358 359 507 507 503	360 360 360 503 503 492	347 - 382 347 - 375 347 - 375 455 - 569 455 - 569 444 - 569	- - - -	- - - -	- - - -	3 3 3 - -	4 4 2 1 1	9 10 10 1 1 1 2	11 12 12 - -	51 54 56 5 5 5	20 15 15 15 18 18 20	2 2 2 2 24 24 24 26	- - - 10 10 7	- - - 40 40 41	- - -	- - - 1 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -

Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.
Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance

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.

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Pittsburgh, PA, May 1995

				rly pay lollars) ¹								Percen	t of worl	kers rec	eiving s	traight-	time hou	ırly pay	(in dolla	ars) of–	-						
Occupation and level	Number of workers	Mean	Median	Middle range	5.50 and unde 6.00	6.00 - 6.50	-	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	-	13.00 - 14.00	-	-	-	-	-	-	20.00	21.00 - 22.00	-	-
General Maintenance Workers Private industry Goods-producing industries Manufacturing Service-producing industries State and local government Maintenance Electricians Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	847 583 116 115 467 264 1,089 1,021 779 779 242 68	\$11.04 9.97 10.15 10.16 9.92 13.41 16.20 15.69 15.69 18.09 15.31	\$11.00 10.17 10.33 10.40 9.92 12.92 16.62 17.01 16.60 16.60 17.25 15.38	8.20 - 11 8.80 - 11 8.80 - 11 8.00 - 11 11.48 - 15 15.12 - 17 12.86 - 17 12.86 - 17 16.65 - 19	2.38 (²) 1.42 (²) 1.55 – 1.55 – 1.37 (²) 5.10 – 7.34 – 7.34 – 7.23 – 7.23 – 9.73 – 5.95 –	2 4 - 4	(2) (2) - (2) - (2) - - - -	7 10 - - 13 - - - -	3 4 3 3 4 -	9 14 10 10 14 - - - -	4 6 15 15 4 1	4 6 - 7 - - - -	3 4 11 10 3 - - - -	11 11 29 30 7 12 3 2 3 3 - 9	28 28 31 31 28 27 5 5 7 7	8 5 - 6 15 14 14 19 19 (²) 15	8 3 - 3 19 1 1 1 1 2	2 2 - 3 - 2 1 (²) (²) 5 6	2 2 - - 2 1 12 10 12 12 6 43	(²) 1 - 1 - 14 14 14 14 14 7	7 23 34 36 38 38 38	- - - - - 3 3 2 2 9	(²) - - - 1 4 3 - - 13 18		- - - - - 7 7 5 5	- - - - 1 1 - 6	-
Maintenance Electronics Technicians Level II Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities Level III Private industry Service-producing industries Transportation and utilities	732 710 201 201 509 413 120 120 77 37	16.62 16.60 13.71 13.71 17.74 18.63 17.54 17.54 17.93 21.29	16.62 16.62 12.38 12.38 17.77 19.85 17.76 17.76	14.69 - 20 11.85 - 16 11.85 - 16 15.86 - 20 15.86 - 20 14.68 - 20 14.68 - 20	0.47 - 0.47 - 6.31 - 6.31 - 0.62 - 0.62 - 0.07 - 0.07			-		(2) (2) - - (2) - - - -		(2) (2) - (2) - (2) -	(2) (2) - - (2) - - - -	6 6 8 8 5	7 8 26 26 (²) - 3 3 5	6 6 19 19 1 - 7 7 10	3 3 6 6 1 - 6 6 6	6 6 5 5 6 5 11 11 6 -	15 15 3 3 20 22 4 4 3	11 11 25 25 6 4 10 10 6	9 9 6 6 10 9 13 13 10	8 6 1 1 8 9 11 11 4	1 1 - 2 2 9 9 8 16	28 29 - - 40 50 5 5 8 16	- - - - - - 17 17 27 57	- - - - - 2 2 3 5	- - - - - 2 2 3 5

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Pittsburgh, PA, May 1995 — Continued

				rly pay ollars) ¹									Percent	of worl	kers rec	eiving s	traight-	time hou	ırly pay	(in dolla	ars) of—	-						
Occupation and level	Number of workers	Mean	Median	Middle ra	ange	5.50 and under 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	-	-	13.00 - 14.00	-	-	16.00 - 17.00	-	18.00 - 19.00	-	-	-	22.00 - 23.00	23.00 - 24.00
Maintenance Machinists	398 388 239 239	\$16.64 16.61 15.59 15.59	\$17.24 17.24 16.60 16.60	\$16.55 – 16.55 – 15.46 – 15.46 –	\$18.23 18.23 17.24 17.24	- - -	- - -	- - - -	- - -	- - -	- - -	- - - -	2 2 3 3	1 1 2 2	1 1 1 1	1 1 1	8 9 14 14	- - -	- - - -	11 11 18 18	20 21 34 34	17 15 23 23	39 40 4 4	- - -	1 1 - -	- - - -	- - - -	- - - -
Maintenance Mechanics, Machinery Private industry	925 925 890 890	15.67 15.67 15.61 15.61	16.32 16.32 16.32 16.32	12.72 - 12.72 - 12.72 - 12.72 -	17.25 17.25 17.25 17.25	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	3 3 3 3	11 11 12 12	13 13 13 13	- - -	1 1 - -	7 7 7 7	18 18 18 18	44 44 45 45	1 1 - -	- - -	- - -	3 3 3 3	- - -	- - -
Maintenance Mechanics, Motor Vehicle Private industry	1,012 659 120 119 539 395 353	15.37 14.63 16.27 16.29 14.27 14.14 16.75	15.55 13.90 16.32 16.32 13.29 13.05 17.65	13.05 - 12.50 - 15.55 - 15.55 - 12.10 - 11.74 - 14.59 -	17.65 16.39 16.91 16.91 16.04 16.87 17.65	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	(2) (2) - - (2) -	2 3 - 4 6 (²)	9 14 1 1 17 22 (²)	7 10 14 14 9 11 (²)	16 22 3 3 26 31 3	14 9 2 1 11 - 23	5 8 13 13 6 5	10 14 55 55 55 2 2	28 6 - 8 6 69	(2) (2) - - (2) 1	5 7 - 9 12 -	3 3 - 4 5 2	1 2 13 13 - -	- - - - -	- - - - -
Maintenance Pipefitters Private industry Goods-producing industries Manufacturing	131 121 95 95	16.46 16.23 16.29 16.29	16.01 16.01 16.01 16.01	15.91 – 15.91 – 15.81 – 15.81 –	17.01 17.01 16.01 16.01	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -	11 12 16 16	5 6 4 4	- - -	- - - -	21 23 22 22	31 33 37 37	8 9 - -	- - - -	8 - - -	- - -	15 17 21 21	- - -	- - - -

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.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Pittsburgh, PA, May 1995

				rly pay dollars) ¹								Percent	of work	kers rec	eiving s	traight-t	ime hou	ırly pay	(in dolla	ars) of–	-						
Occupation and level	Number of workers	Mean	Median	Middle range	4.25 and under 4.50	4.50 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	-	11.00 - 12.00	-	-	14.00 - 15.00	-	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	-	21.00 and over
Forklift Operators Private industry Goods-producing industries Manufacturing Service-producing industries	1,081 1,080 758 758 322	\$12.06 12.06 11.78 11.78 12.72	\$12.16 12.16 11.92 11.92 12.99	\$10.02 - \$14.4 10.02 - 14.4 9.58 - 14.6 9.58 - 14.6 11.92 - 14.0	5 – 9 – 9 –	- - - -	- - - -	(²) (²) - - 1	(²) (²) - - 1	(²) (²) - - 1	2 2 - - 6	7 7 10 10	- - - -	8 8 10 10 3	7 7 7 7 6	13 13 17 17 6	6 6 7 7 3	23 23 18 18 36	5 5 5 5 5	10 10 9 9	10 10 14 14	3 3 - - 9	6 6 3 3 11	- - - -	- - - -	- - - -	- - - -
Guards Level I Private industry Service-producing industries State and local government	4,373 4,313 4,221 60	6.06 6.02 5.85 9.07	5.40 5.30 5.27 8.01	5.00 - 6.5 5.00 - 6.4 5.00 - 6.2 8.01 - 9.6	5 9 5 9 2 -	15 15 16 –	27 28 28 -	15 15 15 -	8 9 -	5 5 5 5	5 5 5 -	2 2 2 2	3 3 3 47	1 1 1 - (2)	3 3 3 23	2 2 2 12	1 1 1 -	(²) (²) - 12	1 1 (²)	(2) (2) (2) (2)	(2) (2) - -		1 1 1	- - - -	- - - -	- - - -	- - - -
Level II Janitors Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government	261 11,062 8,964 397 386 8,567 26 2,098	8.05 7.34 10.23 10.30 7.21 12.49 11.08	8.13 7.10 10.11 10.11 7.05 - 11.03	10.14 - 11.2 5.50 - 9.5 5.00 - 9.1 7.50 - 13.1 7.50 - 13.1 5.00 - 9.1 10.44 - 12.4	1 4 3 4 0 - 0 - 3 5	13 16 - - 16 -	8 10 3 2 10 -	6 7 2 2 7 -	3 4 6 6 4 -	3 4 2 2 4 - 2	8 9 7 6 9 -	4 4 13 13 4 - 3	5 5 4 4 5 - 3	5 6 8 9 6 -	14 20 22 4 4 23 -	13 8 5 9 8 5 8 22	56 5 1 8 9 1 - 22	3 6 1 10 10 (²) 62 29	2 1 22 23 1 31 31	(2) (2) 1 1 (2) - (2)	(2) (2) (2) - (2) - (2)	12 1 (²) - (²) - (²) -		- (²) (²) 3 3	- - - - - -	- - - - - -	- - - - - -
Material Handling Laborers Private industry Service-producing industries Transportation and utilities	264 258 196 148	12.89 12.79 12.85 14.19	13.26 11.07 13.63 14.95	8.55 - 18.7 8.50 - 18.7 8.50 - 18.9 10.00 - 18.9	0 –	- - -	3 3 - -	- - -	3 3 4 -	2 2 2 -	5 5 7 6	7 7 9 6	4 4 2 -	6 6 2 -	7 7 7 6	12 12 14 18	2 2 2 -	- - -	3 3 4 -	16 16 21 28	- - -	- - -	2 - -	28 29 27 35	1 1 - -	- - -	- - -
Shipping/Receiving Clerks Private industry Goods-producing industries Manufacturing	523 516 295 295	10.05 9.95 10.88 10.88	10.00 10.00 10.74 10.74	7.87 - 10.9 7.87 - 10.8 8.13 - 11.6 8.13 - 11.6	6 – 1 –	- - -	- - -	5 5 - -	2 2 - -	13 13 5 5	(2) (2) (2) (2) (2)	8 9 11 11	7 7 10 10	3 3 5 5	11 11 4 4	27 27 33 33	7 7 7 7	1 1 1 1	4 4 7 7	2 2 1 1	4 4 6 6	4 4 5 5	2 1 2 2	1 1 1	- - -	- - -	- - -

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Pittsburgh, PA, May 1995 — Continued

	Nearborn			rly pay lollars) ¹									Percent	of work	kers rec	eiving s	traight-	time hou	ırly pay	(in dolla	ars) of—	-						
Occupation and level	Number of workers	Mean	Median	Middle	e range	4.25 and under 4.50	4.50 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	-	11.00 - 12.00	12.00 - 13.00	-	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	-	21.00 and over
Truckdrivers Medium Truck Private industry Goods-producing industries Manufacturing Service-producing industries	1,206 1,187 149 149 1,038	\$15.23 15.25 9.89 9.89 16.01	\$16.77 16.77 9.00 9.00 16.77	12.47 7.75 7.75	- \$18.86 - 18.86 - 12.13 - 12.13 - 18.86	- - - -	- - - -	- - - -	- - - -	3 3 - - 3	1 1 - - 1	3 3 15 15	1 1 11 11	(²) (²) 1 1	3 3 13 13	2 2 12 12 (²)	3 3 15 15	4 4 7 7 4	10 10 23 23 8	(²) (²) 1 1 (²)	4 3 2 2 2 3	7 7 - - 8	26 26 - - 30		33 33 - - 38	- - - -	- - - -	1 1 1 1
Heavy Truck	1,433 1,254 920 832 179	13.51 13.32 11.89 11.92 14.78	13.07 12.25 10.75 10.75 14.56	9.50 9.28 9.28	- 14.95 - 14.95 - 14.95 - 14.56	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	2 2 3 2 -	3 4 5 4 –	5 5 7 6	17 19 20 22	12 13 16 17	5 6 8 8	4 4 4 4 -	10 6 6 6 42	20 17 22 19 43	2 2 3 3	2 2 3 3 -	1 1 1 1	1 1 2 2	2 (²) (²) (²) 15	15 17 1 1	1 1 1 1
Tractor Trailer Private industry Goods-producing industries Manufacturing Service-producing industries	1,160 1,070 316 126 754	15.69 15.82 14.86 15.08 16.22	15.90 16.20 15.84 15.84 16.23	14.53 11.28 15.16	- 17.26 - 17.63 - 17.63 - 15.84 - 17.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		(²) (²) 1 2	- - - -	1 1 - - 2	3 4 1 2 5	8 9 29 4 (²)	2 2 5 13 1	(2) (2) 1 2 (2)	17 10 - - 14	20 22 28 69 19	12 13 - - 18	18 20 25 9 17	18 19 11 - 23	- - - -	- - - -	 - - -
Warehouse Specialists: Private industry: Goods-producing industries	284 224 26 30	10.64 10.17 17.36 12.83	10.40 9.82 – –	0.0.	- 12.38 - 11.27 	- - -	- - -	- - -	- - -	- - -	- - -	1 2 - -	15 19 – –	4 5 - -	6 7 - -	20 25 –	9 12 - 17	10 13 - 23	27 7 - 43	- - - 7	- - -	7 9 - -	- - 58 -	(²) (²) 15	- - 27 -	- - - 10	- - -	1 1 1 1

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

² Less than 0.5 percent.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²							ı	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
PROFESSIONAL OCCUPATIONS																											
Accountants Level I	93 86 76	38.7 38.7 38.5	\$514 517 511	\$498 499 —	\$463 - 472 -	- 570	 - - -	8 8 9	9 9 11	37 34 36	16 16 16	14 14 11	15 16 17	2 2 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	 - - -
Level II Private industry Service-producing industries	254 239 214	39.2 39.2 39.2	622 624 617	614 614 606	562 - 565 - 554 -	- 673	- - -	(3) (3) (3)	3 3 3	8 6 7	12 13 14	22 23 22	36 36 36	11 12 9	7 7 7	1 1 1	- - -	- - -	- - -	_ _ _	- - -	- - -	_ _ _	- - -	- - -	- - -	- - -
Level III	250 236 65 65 171 14	39.5 39.6 39.9 39.9 39.5 38.3	803 808 890 890 776 723	809 818 - - 760		- 900 	- - - -	(3) (3) - - 1	1 1 - - 1	2 2 - - 2 -	(3) (3) - - 1	7 7 - 10 -	16 14 5 5 18 57	23 24 18 18 26 7	27 27 32 32 32 25 36	13 14 31 31 8 -	5 5 6 6 5	5 5 8 8 4	1 1 - - 1	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level IV	150 142 112 8	39.3 39.3 39.2 38.8	998 1,005 957 877	974 975 954	876 850	- 1,114 - 1,125 - 1,042 	- - -	- - -	- - - -	- - -	- - - -	- - -	3 4 4 -	9 9 12 –	20 17 21 75	24 25 28 –	11 10 11 25	19 20 17 –	8 8 5 –	5 6 2 –	- - -	1 1 - -	- - -	- - -	- - -	- - -	- - -
Attorneys Level IIState and local government	54 18	38.7 38.3	963 776	- 775	– - 752 -	 - 803	 - -	_ _	 - -	2 6	4 11	- -	 - -	17 44	13 22	19 6	20 11	15 -	11 -	_ _	 - -	 - -	_ _	_ _	_ _	_ _	 - -
Level III Private industry	91 64	39.1 39.7	1,238 1,358	1,205 -	1,068	- 1,474 	-	- -	_ _	- -	_ _	- -	_ _	3 -	11 -	5 2	7 3	21 20	10 14	12 17	12 17	14 20	4 6	- -	- -	- -	 -
Level IV Private industry	66 58	39.5 39.7	1,544 1,591			 	-	- -	_ _	- -	_ _	- -	_ _	<u>-</u>	_ _	- -	3 -	6 3	9 7	15 14	12 14	18 21	6 7	12 14	3	12 14	3
Level V Private industry	58 58	39.4 39.4	1,848 1,848	-	- ·	 	-	- -	- -	 -	- -	- -	- -	- -	- -	- -	_ _	3	2 2	3	9	9	3	19 19	10 10	7 7	34 ⁴ 34
Engineers Level I Private industry	81 68	39.5 40.0	677 703	681 -	600 -		 - -	_ _	_ _	 - -	12 3	10 4	38 46	26 31	12 15	1 1	_ _	 - -	 - -	_ _	 - -	 - -	_ _	 - -	_ _ _	_ _	 - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government	275 195 105 105 90 41 80	39.3 40.0 40.0 40.0 40.0 40.0 37.6	756 790 780 780 802 846 672	750 778 767 767 781 906 658	730 - 730 -	- 836 - 822 - 822 - 887 - 957	- - - - -	- - - - -		- - - - -	- - - -	1 1 - 1 2 4	29 14 13 13 14 24 66	40 49 49 49 49 10	17 19 27 27 11 12	10 14 9 9 20 41	3 4 3 3 4 10	- - - - -		- - - - -	- - - - -						

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							!	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	y (in do	ollars) of-	_					_
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	e range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	-	-	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 and over
Level III	794 713 250 250 463 81	39.8 40.0 40.0 40.0 40.0 37.8	\$951 967 921 921 991 810	\$896 910 899 899 917 803	815 822 822 808	- \$1,120 - 1,149 - 996 - 996 - 1,209 - 877	- - - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	1 (³) - - 1 10	22 20 16 16 23 38	28 28 34 34 24 27	15 14 25 25 25 8 25	7 8 14 14 4 -	9 10 9 9 11 -	15 17 2 2 2 25 -	2 3 - - 4 -	- - - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - - -	- - - - -
Level IV	837 792 283 283 45	39.9 40.0 40.0 40.0 38.1	1,030 1,033 1,075 1,075 974	1,006 1,008 1,051 1,051 979	927 963 963	- 1,113 - 1,117 - 1,180 - 1,046	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	(3) (3) 1 1	18 19 9 9	29 28 28 28 28 44	27 26 23 23 47	13 14 18 18	6 6 14 14 –	4 4 6 6	2 3 2 2	1 1 - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level V: Private industry: Goods-producing industries	253 253 60 14	40.0 40.0 40.0 38.2	1,189 1,189 1,497 1,094	1,176 1,176 1,517	1,089	- 1,276 - 1,276 - 1,708 	- - -	- - -	- - -	- - -	- - -		- - -	- - -	(³) (³) -	7 7 - 14	21 21 - 29	29 29 7 57	22 22 18 –	11 11 12	4 4 5	4 4 25 –	1 1 3	_ _ _ 27 _	- - 3 -	- - -	- - -
Registered Nurses Level I State and local government	369 216	39.5 39.4	626 590	615 613		- 664 - 635	_ _	_ _	3 5	9 13	8 12	17 17	41 43	13 12	8 –	_ _	_ _	_ _	_ _	 - -		- -	- -	_ _	_ _	_ _	<u>-</u>
Level II	9,026 8,841 8,814 185	39.8 39.8 39.8 39.8	727 727 727 757	735 735 735 750	666 666	- 767 - 767 - 767 - 819	- - -	- - -	(3) (3) (3)	(3) (3) (3)	(3) (3) (3) -	4 4 4 1	33 33 33 8	48 48 48 62	13 12 12 30	3 3 3 -	(3) (3) (3) -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - - -
Level III Private industry Service-producing industries	163 163 162	39.8 39.8 39.8	919 919 918	913 913 913	862	- 981 - 981 - 981	- - -	- - -	- - -	- - -	- - -	- - -	 - -	10 10 10	31 31 31	38 38 38	19 19 19	1 1 1	 - -	- - -	- - -	- - -	- - -	 - -	- - -	- - -	- - -
Level III anesthetists	144 144 144	39.8 39.8 39.8	1,280 1,280 1,280	1,325 1,325 1,325	1,232	- 1,356 - 1,356 - 1,356	 - -	- - -	- - -	- - -	- - -	- - -	- - -	 - -	1 1 1	2 2 2	6 6 6	11 11 11	20 20 20	57 57 57	3 3 3	- - -	- - -	 - -	- - -	- - -	- - -
ADMINISTRATIVE OCCUPATIONS Budget Analysts Level II: State and local government	8	36.1	619	-	-		-	-	_	25	-	-	50	25	-	_	_	-	-	_	_	-	_	_	-	-	_

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							F	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ran	ge	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Buyers/Contracting Specialists Level II	121 51	39.6 39.8 40.0 40.0 39.6 37.6	\$673 678 756 756 621 626	\$661 664 - - - -	\$585	\$742 742 - - - -	- - - -	1 1 1 1 1	2 2 - - 3 -	9 7 - 11 33	6 6 - 10 8	12 11 2 2 17 25	34 37 29 29 43	18 19 39 39 4 8	15 14 22 22 29 25	5 5 8 8 3 -	- - - -	- - - - -	- - - - -	- - - - -	- - - -	- - - - -	- - - - -	- - - -		- - - -	- - - -
Level III Private industry	84 80	39.3 39.3	877 876	865 865	766 – 762 –	998 1,014	- -	-	 - -	4 4	2 2	 - -	7 7	20 21	24 22	19 17	5 5	18 19	1 1	_ _	 - -	- -	_ _	- -	-	- -	<u>-</u>
Level IVPrivate industry	61 61	39.8 39.8	1,032 1,032	- -	 	-	-	- -	 - -		_ _	 - -	 - -	 -	10 10	31 31	30 30	26 26	3 3	_ _	 - -	- -	_ _	- -	-	_ _	_
Computer Programmers Level I	120 109 98 27 11	39.1 39.1 39.0 40.0 38.8	527 536 534 584 432	538 538 538 - -	490 – 490 – 490 – – –	571 576 567 -	- - - -	4 3 - - 18	17 11 12 - 73	13 15 16 4	37 39 44 48 9	17 18 16 19	12 13 11 30	1 1 - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -
Level II Private industry Service-producing industries	359 343 269	39.1 39.2 39.0	602 606 591	593 596 579	550 – 555 – 546 –	644 646 625	1 1 1	1 1 1	1 (³) (³)	7 6 7	14 14 15	27 28 34	35 36 31	11 11 8	2 2 1	- - -	(3) (3) -	_ _ _	- - -	- - -	_ _ _	- - -	- - -	- - -	- - -	- - -	_ _ _
Level III	611 591 580 150	38.6 38.6 38.6 40.0	712 713 713 799	698 698 698 775	654 – 654 – 654 – 685 –	761 762 761 916	- - -	(3) (3) (3)	1 1 1	1 1 1	1 1 1	7 7 6 1	42 41 41 28	34 34 34 25	8 8 8 17	5 5 5 20	2 2 2 8	- - -	- - - -	- - - -	- - -	- - -	- - - -	- - -		- - -	- - - -
Level IV Private industry Service-producing industries	343 343 337	38.0 38.0 38.0	817 817 815	827 827 825	758 – 758 – 756 –	885 885 877	_ _ _	_ _ _	_ _ _	1 1 1	1 1 1	1 1 1	8 8 8	29 29 30	40 40 41	18 18 17	1 1 1	- - -	- - -	- - -	_ _ _	- - -	- - -	- - -	- - -	- - -	_ _ _
Computer Systems Analysts Level I Private industry Service-producing industries State and local government	229 221 135 8	39.3 39.4 39.0 35.3	718 721 690 636	704 708 673	654 – 654 – 630 – – –	768 771 756	- - - -	(³) (³) 1	(³) (³) 1	(³) (³) 1	1 1 1 13	8 8 13 13	36 35 39 63	35 36 30 13	11 11 11 -	6 6 3 -	1 1 - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -
Level II Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government		38.8 38.9 39.9 39.9 38.6 40.0 36.9	858 858 898 898 849 929 848	840 839 852 852 836 885	771 – 770 – 805 – 805 – 763 – 776 –	921 923 981 981 912 1,029	- - - - -		- - - - -			(3) (3) - - (3) -	6 6 2 2 7 1 9	26 26 21 21 28 28 9	37 37 39 39 37 24 55	18 18 17 17 18 18 27	7 7 11 11 6 8	3 3 9 9 1 7	2 2 1 1 2 13 -	(3) (3) 1 1 - -	- - - - -	- - - - -	- - - - -	- - - - -	-	- - - - -	- - - - - -

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay lollars) ²								Percent	of work	ers rec	eiving s	traight-t	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	range	300 and under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 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 and over
Level III	445 436 165 165 271 26	39.2 39.3 39.9 39.9 38.9 40.0	\$1,008 1,009 1,050 1,050 984 1,054	\$981 981 1,002 1,002 977	918 931 931	- \$1,080 - 1,079 - 1,154 - 1,051 	- - - - -	- - - - -	- - - -	- - - -	- - - - -	- - - - -	- - - - -	4 3 1 1 4	18 18 13 13 21 12	35 35 35 35 35 35	21 22 16 16 25 35	14 13 16 16 12 38	4 4 10 10 1	3 3 7 7 1	1 1 1 1 1	1 1 1 1 (³)	(3) (3) 1 1 -	- - - - -	- - - - -	- - - -	- - - - -
Computer Systems Analyst Supervisors/Managers Level I Private industry Service-producing industries	308 280	38.3 38.3 38.1	1,046 1,046 1,031	1,052 1,052 1,041	915	- 1,154 - 1,154 - 1,134	- - -	- - -	- - -	- - -	- - -	- - -	2 2 2 2	5 5 5	14 14 15	18 18 19	25 25 25 25	17 17 17	11 11 9	7 7 6	1 1 1	- - -	- - -	- - -	- - -	- - -	- - -
Level II Private industry	152 151	38.6 38.6	1,217 1,219	1,196 1,198	.,	- 1,356 - 1,357	_	_	_	-	_	_	_	_	3	7	16 16	25 25	20 20	12 12	7 7	8	1	1 1	-	_	_
Personnel Specialists Level II	151 111 94 40	38.9 39.2 39.0 38.3	601 563 545 705	577 551 537 726	495 492	- 685 - 637 - 590 - 785	1 2 2 -	1 2 2 -	5 6 7 -	12 15 16 2	20 24 27 7	19 21 23 13	19 18 16 20	16 9 6 35	8 3 - 22	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -
Level III Private industry Service-producing industries State and local government	195 166 142 29	38.8 39.0 38.8 37.8	762 762 741 764	769 770 748	641	- 861 - 863 - 854	- - -	- - -	2 2 2 -	3 3 4 -	4 4 5 -	6 7 8 3	20 19 21 24	20 17 15 38	29 29 31 28	13 14 13 7	4 4 1 –	1 1 - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level IV	156 141 101 15	39.2 39.2 38.9 39.0	998 991 941 1,064	981 982 896 965	860 860 834 805	- 1,125 - 1,090 - 1,058 - 1,270	- - -	- - -	- - -	- - -	1 1 1	1 1 1	3 4 5 -	7 6 9 13	27 27 35 27	14 14 17 13	21 23 16	12 12 10 7	7 6 2 20	5 6 5 –	3 1 - 20	- - -	- - -	- - -	- - -	- - -	- - -
Tax Collectors Level II State and local government	27 27	37.5 37.5	667 667	673 673	673 673	- 673 - 673	_ _	_ _	_ _	_ _	11 11	7 7	59 59	19 19	4 4	_ _	_ _	_ _	_ _	_ _	_ _	- -	_ _	_ _	_ _	_ _	_ _

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

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

³ Less than 0.5 percent.

⁴ Workers were distributed as follows: 12 percent at \$2,000 and under \$2,100; 5 percent at \$2,100 and under \$2,200; 7 percent at \$2,200 and under \$2,300; 7 percent at \$2,400; 2 percent at \$2,400 and under \$2,500; and 2 percent at \$2,500 and under \$2,600.

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²						I	Percent	of work	ers rece	eiving s	traight-t	ime wee	ekly pay	(in doll	ars) of-	_				
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	dle range	200 and unde 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 - 850	850 - 900	900 - 950
TECHNICAL OCCUPATIONS																									
Computer Operators Level II Private industry Service-producing industries	218 197 189	39.4 39.6 39.6	\$430 431 428	\$414 414 413	\$390 393 390	- \$45 - 45 - 45	6 –	- - -	 - - -	2 2 2	4 4 4	6 4 4	6 7 7	9 10 10	44 45 46	14 14 14	6 7 4	1 2 2	7 7 7	- - -	_ _ _	- - -	_ _ _	- - -	- - -
Level III Private industry Service-producing industries Transportation and utilities State and local government	161 142 135 27 19	38.9 39.1 39.0 40.0 37.9	566 568 567 655 547	547 550 547 – 511	514 518 518 - 453	- 62 - 62 - 60 62	0 – 9 –	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	2 2 2 - -	7 6 7 7 16	9 6 6 7 26	34 35 37 7 21	19 20 20 - 11	8 8 6 4 11	14 16 16 44 –	2 3 3 15 -	4 3 3 15 16	- - - -	- - - -	- - - -
Drafters Level IIPrivate industry	81 81	40.0 40.0	588 588	572 572	545 545	- 63 - 63		 - -	 - -	 - -	_ _ _	 - -	_ _	 - -	11 11	5 5	11 11	36 36	15 15	2 2	20 20	_ _ _	_ _	 - -	 - -
Level IIIPrivate industry	74 74	40.0 40.0	736 736	_ _	- -		_	-	-	-	 - -	-	<u>-</u>	-	<u>-</u>	3	5 5	1 1	9	4 4	41 41	15 15	4 4	- -	18 18
Engineering Technicians Level IIIPrivate industry	116 116	40.0 40.0	696 696	713 713	640 640	- 80 - 80		 - -	 - -	 - -	_ _ _	 - -	 - -	 - -	 - -	14 14	2 2	5 5	6 6	22 22	12 12	12 12	24 24	3 3	 - -
Level IV: Private industry: Goods-producing industries Manufacturing	61 61	40.0 40.0	720 720	- -	- -	<u> </u>	-	_ _	 - -	_ _	- -	_ _	_ _	_ _	_ _	_ _	_ _	_ _	10 10	39 39	8 8	33 33	8 8	2 2	 - -
Engineering Technicians, Civil Level III	158 147	38.0 37.8	538 528	505 484	445 445	- 58 - 58		 - -	 - -	_ _	_ _ _	_ _	_	 - -	28 31	20 21	6 7	22 23	7 4	15 14	1 -	1 -	_ _	_ _ _	 - -
Level IVState and local government	64 29	39.3 38.4	760 731	- 719	- 684	 - 76	8 -	- -	- -	 -	 - -	- -	- -	 -	 -	- -	 - -	 -	 -	22 41	11 14	48 45	19 -	 -	_ _
Level V: State and local government	8	38.1	795	-	_		_	_	_	_	_	_	_	_	_	_	_	_	_	_	50	_	13	25	13
Licensed Practical Nurses Level II	1,387 1,005 1,005 382	39.8 39.9 39.9 39.6	479 479 479 478	473 490 490 457	440 436 436 457	- 51 - 51 - 51 - 52	8 –	- - - -	- - -	(3) (3) (3)	1 1 1	1 1 1	1 1 1 (³)	5 4 4 8	20 23 23 12	32 24 24 53	30 40 40 4	10 5 5 22	(³) - - 1	- - -	- - -	- - -	- - -	- - -	- - -

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							ı	Percent	of work	ers rec	eiving st	raight-t	ime wee	ekly pay	/ (in dol	lars) of-	_				
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Mid	ldle rang	ge	200 and under 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 - 850	850 - 900	900 - 950
Nursing Assistants Level II	2,852 1,749 1,749 1,103	39.8 39.9 39.9 39.5 40.0	\$378 362 362 402 365	\$380 371 371 382 366	\$330 319 319 368	9 – 9 – 3 –	\$405 391 391 411	(3) (3) (3) -	(3) (3) (3) -	1 2 2 -	6 9 9 2	14 16 16 11	9 13 13 3	14 14 14 14	28 22 22 36	13 14 14 11	8 8 8 8	6 - - 16	- - - - (3)	- - - - (3)	- - - - 2	- - - - 2			1111	- - - -
Private industry Service-producing industries PROTECTIVE SERVICE OCCUPATIONS	976 976	40.0 40.0	351 351	360 360	300) –	392 392	_ _	1 1	3	21 21	9	4 4	19 19	26 26	17 17	_ _	-		-	-	=	-	_ _	-	-
Corrections Officers	631 631	40.0 40.0	584 584	573 573	511 511		678 678	_ _	- -	- -	- -	1 1	 -	1 1	1 1	21 21	1 1	19 19	9 9	2 2	27 27	13 13	6 6	 -	- -	-
Firefighters	605 605	42.0 42.0	680 680	705 705	705 705		705 705	- -	- -	- -	- -	- -	_ _	- -	- -	3 3	-	9 9	- -	-	- -	88 88	_ _	- -	-	_ _
Police Officers Level I Private industry Service-producing industries State and local government	1,641 108 108 1,533	40.0 40.0 40.0 40.0	664 517 517 675	622 522 522 522 664	574 498 498 574	3 – 3 –	765 540 540 765	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	(³) 1 1	1 5 5 (³)	1 2 2 1	2 19 19 1	13 65 65 9	23 - - 25	11 9 9 11	6 - - 6	2 - - 2	32 - - 34	3 - - 3	3 - - 3	3 - - 3
Level II State and local government	9 9	40.0 40.0	603 603	- -	<u>-</u>	- -	-	<u>-</u>	- -	- -	- -	<u>-</u>	- -	- -	- -	- -	<u> </u>	11 11	33 33	56 56	- -	_ _	- -	- -	<u>-</u>	- -

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.

for definitions and methods used to compute means, medians, and middle ranges. $^{\rm 3}$ Less than 0.5 percent.

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

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²						ı	Percent	of work	ers rece	eiving st	traight-t	ime wee	ekly pay	(in dolla	ars) of–	-				
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	le range	175 and unde 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Clerks, Accounting Level I	226 224 220	39.8 39.8 39.8	\$278 278 277	\$283 284 282	\$258 258 258	- \$30 - 30 - 30	2 11	11 11 11	(3) (3) (3)	16 15 15	33 33 33	19 19 19	6 6 6	3 3 3	1 1 (³)	(3) (3) (3)	(3) (3) (3)	_ _ _ _	_ _ _ _	_ _ _ _	- - -	1 1 1	 - - -	 - - -	- - -
Level II	1,129 1,019 972 110	39.2 39.5 39.5 36.9	334 320 313 462	312 278 271 448	258 258 258 387	- 39 - 36 - 35 - 54	i9 (³)	5 5 6 -	7 8 8	33 36 37 4	4 4 4 3	4 4 4 -	12 13 13 -	13 11 11 35	9 9 8 13	5 6 5 3	6 3 2 28	2 1 1 6	1 (³) (³) 9	- - -	- - -		- - - -	- - - -	- - - -
Level III	269 243 204 26	38.9 39.1 38.9 37.1	440 440 421 440	425 420 405 –	365 358 355 –	- 50 - 51 - 49 	0 -	- - -	- - -	1 1 1 -	5 6 7 -	3 4 4 -	8 9 10 –	23 22 25 31	24 23 24 35	11 8 8 35	7 8 6 -	9 9 4 -	5 5 6 -	4 5 3 -	- - -		- - - -	- - -	- - -
Level IV Private industry Service-producing industries	97 96 53	39.0 39.0 38.3	520 519 486	546 546 -	396 396 -	- 56 - 56 		- - -	- - -	- - -	- - -	- - -	- - -	26 26 45	9 9 13	6 6 11	14 15 6	28 28 -	3 2 4	3 3 6	7 7 9	3 3 6	- - -	- - -	- - -
Clerks, General Level I Private industry Service-producing industries State and local government	139 94 94 45	38.1 38.6 38.6 37.1	266 248 248 305	265 254 254 298	231 213 213 298	- 29 - 26 - 29	i9 – i9 –	22 33 33 -	12 15 15 4	25 35 35 4	29 12 12 67	9 5 5 18	- - - -	- - -	2 - - 7	- - - -	- - -	- - - -	- - - -	- - - -	- - -		- - - -	- - - -	- - - -
Level II	882 698 688 132 184	38.3 39.0 39.0 40.0 35.6	324 322 320 343 331	319 311 310 345 336	280 279 279 303 294	- 33 - 33 - 33 - 33	'1 – '1 – '1 –	1 1 1 -	7 5 6 - 12	13 15 15 5 8	17 20 20 19 7	16 16 16 15 17	13 10 10 13 24	26 27 26 36 24	5 5 5 11 4	1 (³) (³) 1 3	1 1 1 1	- - - -	- - - -	- - - -	- - - -	1111	- - - -	- - - -	- - - -
Level III	604 447 444 157	38.8 39.4 39.4 37.0	401 404 403 395	403 408 408 377	354 349 349 377	- 45 - 45 - 45 - 40	1 –	- - -	- - -	3 1 1 10	3 4 5 1	6 7 7 3	10 12 12 3	26 15 15 59	27 35 35 7	14 17 18 4	7 6 5 10	2 2 2 4	(³) 1 1 -	- - -	- - -	1 1 1	- - -	- - -	- - -
Level IV Private industry Service-producing industries Transportation and utilities	261 261 252 161	39.0 39.0 38.9 39.9	471 471 469 519	467 467 467 534	377 377 375 467	- 57 - 57 - 57 - 60	6 –	- - -	- - -	- - -	(3) (3) (3) -	4 4 4 -	11 11 11 2	20 20 21 15	6 6 -	21 21 22 31	10 10 9 12	10 10 9 12	13 13 13 20	- - -	4 4 4 7		- - - -	- - - -	- - - -
Key Entry Operators Level I Private industry Service-producing industries State and local government	178 155 130 23	38.7 38.9 38.7 37.5	343 337 325 382	330 319 317 387	230 229 229 309	- 39 - 39 - 37 - 46	14 – 16 –	7 8 5 -	21 25 26 –	3 1 2 13	6 7 7 –	12 12 14 13	8 8 10 4	20 17 20 43	4 5 6 –	6 4 5 17	12 12 4 9	1 1 2 -	- - - -	- - - -	- - - -	1 1 1 1	- - - -	- - - -	- - - -
Level II Private industry Service-producing industries	127 124 124	38.3 38.3 38.3	332 327 327	355 355 355	246 246 246	- 39 - 39 - 39	2 –	6 6 6	20 21 21	13 13 13	5 5 5	2 2 2	2 2 2	29 30 30	20 20 20	2 2 2	2 - -	- - -	- - -	- - -	- - -		- - -	- - -	- - -

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²						F	Percent	of work	ers rece	eiving st	raight-ti	ime wee	ekly pay	(in doll	ars) of–	-				
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	le range	175 and under 200	200 - 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950
Secretaries Level I Private industry Service-producing industries State and local government	539 517 474 22	39.6 39.6 39.7 38.5	\$462 464 461 427	\$487 487 484 400	\$369 371 362 356	- \$559 - 559 - 559 - 512	- - -	- - - -	1111	1 1 1	4 4 5 –	5 5 5	6 6 7 -	17 15 15 59	14 14 14	6 7 5 –	21 20 20 41	27 28 29 -	(3) (3) -	- - - -	- - -			- - -	- - - -
Level II	1,125 988 104 104 884 137	38.4 38.4 39.7 39.7 38.3 38.2	451 448 525 525 438 475	434 434 529 529 421 491	382 376 474 474 370 434	- 514 - 516 - 575 - 575 - 498 - 505	- - - -	- - - - -	1 1 1 1 1	1 1 1 1 1	1 1 - - 2 -	2 3 - - 3 -	8 9 - 10 -	20 22 5 5 24 5	25 24 11 11 26 31	14 12 22 22 21 11 31	14 12 18 18 18 11	10 11 32 32 8 2	4 5 12 12 4 -	1 1 1 1 1	- - - -		- - - -	- - - -	- - - - -
Level III Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities State and local government	1,267 1,195 151 151 1,044 58 72	38.5 38.5 39.5 39.5 38.4 40.0 37.9	481 478 574 574 465 639 520	474 468 563 563 451 658 504	404 404 518 518 397 588 492	- 542 - 537 - 628 - 628 - 513 - 689 - 574	- - - - -	- - - - -		111111	(3) (3) - - (3) -	(3) (3) - - (3) -	4 4 - - 5 -	18 18 - - 21 - 6	21 21 6 6 23 - 8	22 21 9 9 23 2 35	13 13 26 26 11 7 14	10 9 17 17 8 17 26	8 8 25 25 6 14 10	4 5 13 13 3 55	(3) (3) 1 1 (3) 3	(3) (3) 1 1 (3) 2	(3) (3) 1 1 - -		- - - - -
Level IV Private industry Service-producing industries Transportation and utilities	416 406 363 30	38.4 38.5 38.3 39.9	540 538 522 663	516 511 506 -	463 461 456	- 601 - 600 - 574 	- - -	- - - -		1 1 1	- - -	- - -		1 1 2 -	18 18 21 –	21 21 24 10	19 19 22 7	14 14 14 10	11 11 8 3	7 7 6 27	6 5 2 27	1 1 1 17	(3) (3) (3)	(3) (3) - -	- - -
Level V Private industry	82 80	38.2 38.3	642 640	643 643	596 594	- 662 - 662	-	- -	1 1	1 1	- -	- -	-	- -	-	6 6	6 6	13 14	35 36	22 22	6 4	9 9	-	- -	2 2
Switchboard Operator-Receptionists	140 116 108 24	38.9 39.1 39.1 37.8	333 329 328 350	325 325 324 325	290 290 290 284	- 375 - 373 - 359 - 387	1 2 2 -	1 1 - -	5 6 6 1	11 11 11 13	15 12 13 29	16 18 19 8	14 16 17 4	27 27 26 29	4 4 2 4	4 3 4 4	1 - - 8	- - - -	- - - -	- - - -	- - -	- - -	- - -	- - -	- - -

for definitions and methods used to compute means, medians, and middle ranges. 3 Less than 0.5 percent.

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.
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

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Pittsburgh, PA, May 1995

				rly pay lollars) ¹									Percen	t of worl	ers rec	eiving s	traight-	ime hou	urly pay	(in doll	ars) of–	_						
Occupation and level	Number of workers	Mean	Median	Midd	lle range	7.25 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	-	11.00 - 11.50	-	12.00 - 12.50	-	13.00 - 13.50	-	14.00 - 14.50	14.50 - 15.00	-	-	17.00 - 18.00	-	-	20.00	21.00 - 22.00
General Maintenance Workers	254 106 102 148	\$13.62 12.26 12.43 14.59	\$13.19 12.03 12.34 13.19	\$11.88 11.11 11.11 12.56	- \$16.65 - 14.00 - 14.00 - 17.36	1 1	2 5 1	(²) 1 1	3 4 4 2	1 3 3 -	1 2 2 -	2 2 2 1	2 5 5 -	9 20 21 1	8 8 9 7	8 3 3 12	12 9 10 14	13 6 6 18	2 6 6	5 11 12 -	(²) 1 1 -	6 10 11 2	2 4 4 -	24 - - 42	- - - -	- - - -	- - - -	- - - -
Maintenance Electricians Private industry		17.07 17.27 17.29 17.29 17.20 15.31	17.18 17.18 17.18 17.18 17.01 15.38	16.42 16.60 16.62 16.62 16.11 12.79	- 17.44 - 17.65 - 17.44 - 17.44 - 18.25 - 15.95	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	2 1 1 1 - 9	- - - -	(²) - - - - 3	- - - -	(2) (2) - - 1	1 - - - - 13	1 1 1 1 1	- - - -	2 2 1 1 5	1 1 - - 3 4	9 5 4 4 9 43	22 23 24 24 22 7	48 53 58 58 58 35	3 4 3 3 6	4 3 - - 10 18	- - - -	7 8 8 8 8
Maintenance Electronics Technicians Level II Private industry Goods-producing industries Manufacturing Service-producing industries Transportation and utilities	479 457 61 61 396 302	17.23 17.22 15.50 15.50 17.49 18.60	17.01 16.73 - - 17.52 20.47	15.64 15.64 - - 15.81 15.86	- 20.47 - 20.47 - 20.53 - 20.62	- - -	- - - -	(2) (2) - - (2) -	- - - -	(2) (2) - - (2) -	(2) (2) - - 1	5 5 - - 5	1 1 - - 1	(2) (2) - - 1	- - - -	1 1 8 8 (²)	1 1 3 3 1	1 1 3 3 (²)	2 2 10 10 1	2 2 10 10 1	5 6 2 2 6 6	23 24 8 8 26 29	8 8 31 31 5 2	9 9 21 21 7 5	4 1 3 3 1 (²)	2 2 - - 2 3	35 37 - - 42 55	- - - -
Level III	84 84	15.94 15.94	16.35 16.35	14.26 14.26	- 17.94 - 17.94		- -	 - -	- -	_ _	 - -	 - -	 - -	 - -	5 5	7 7	2 2	5 5	4	11 11	5 5	6	14 14	19 19	15 15	6 6	- -	1
Maintenance Machinists Private industry Goods-producing industries Manufacturing	168 158 154 154	16.67 16.61 16.54 16.54	16.62 16.62 16.62 16.62	16.60 16.60 16.60 16.60	- 17.24 - 17.24 - 17.24 - 17.24	- -	- - -	- - -	- - -	5 5 5 5	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	48 51 53 53	40 36 36 36	5 6 6	- - -	2 2 - -	- - -
Maintenance Mechanics, Machinery Private industry Goods-producing industries Manufacturing	614 614 593 593	17.06 17.06 17.11 17.11	17.21 17.21 17.22 17.22	16.32 16.32 16.32 16.32	- 17.30 - 17.30 - 17.34 - 17.34		- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 - -	- - -	7 7 6 6	26 26 27 27	62 62 63 63	- - -	- - -	- - -	4 4 4 4
Maintenance Mechanics, Motor Vehicle Private industry Goods-producing industries Manufacturing Service-producing industries State and local government	721 411 100 100 311 310	15.91 15.10 17.01 17.01 14.49 16.98	16.91 14.08 16.32 16.32 13.05 17.65	13.30 13.05 16.30 16.30 12.92 17.65	- 17.65 - 16.95 - 16.91 - 16.91 - 17.28 - 17.65	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	(2) (2) - (2) (2) (2)	- - - -	(2) (2) - - (2) -	8 14 - - 18 (²)	2 4 - - 5 -	1 2 - 3 (²)	15 27 - - 35 -	3 3 4 4 3 4	(2) (2) 1 1 -	6 - - - 14	4 6 14 14 4 1	12 19 66 66 4 2	39 9 - 12 78	- - - -	5 9 - - 11	2 3 - - 5 -	2 4 15 15 - -
Maintenance Pipefitters	77 67	17.78 17.57	_ _	_ _	 	- -	- -	- -	- -	- -	- -	_ _	- -	- -	- -	1 1	3 3	- -	- -	- -	- -	36 42	9 10	12 13	- -	13 -	- -	26 30

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.

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Pittsburgh, PA, May 1995

				rly pay lollars) ¹								Perd	cent of	workers	receivir	ng strai	ght-time	hourly	pay (in	dollars)	of—						
Occupation and level	Number of workers	Mean	Median	Middle	range	4.25 and under 4.50	4.50 - 5.00	5.00 - 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 10.00	-	11.00 - 12.00	12.00 - 13.00	-	-	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	-	19.00 - 20.00	20.00 - 21.00
Forklift Operators		\$13.49 13.49 12.87 12.87	\$13.36 13.36 12.64 12.64	12.16 12.16	- \$15.08 - 15.08 - 14.69	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - -	6 6 8 8	- - - -	- - -	- - -	- - -	10 10 10 10	30 30 38 38	11 11 10 10	12 12 9 9	17 17 24 24	7 7 - -	8 8 - -	- - - -	- - - -	- - - -
Guards Level I	2,069 1,994	6.52 6.45 6.17 9.07	5.70 5.60 5.50 8.01	5.00 5.00	- 7.20 - 7.00 - 6.61 - 9.62	3 4 4 -	12 12 12 -	28 29 30 -	16 16 17 –	9 9 10 –	4 4 5 5	5 5 5	3 3 3 2	3 2 2 47	3 3 3	3 3 3 23	4 4 4 12	3 3 3 -	(²) (²) - 12	2 2 - -	1 1 (²)	1 1 -	- - - -	- - - -	- - - -	- - - -	- - - -
Janitors	6,572 5,272 172	12.37 8.89 8.30 12.48	9.13 8.84 12.98	7.10 7.05 11.79	- 16.36 - 10.02 - 9.50 - 13.20	1 1 1	5 6 -	5 6 -	3 4 -	3 3 3	- 3 3 3	9 11 1	3 4 -	6 7 1	1 7 8 -	9 30 34 -	29 8 8 3	29 5 1 19	6 9 1 23	2 2 2 39	(2) (2) (2)	- - -	27 1 1 -	- - - -	(2) (2) (2) 7	- - - -	- - - -
Manufacturing Service-producing industries State and local government Material Handling Laborers	1,300 108	12.48 8.16 11.26 16.88	12.98 8.64 11.86	7.05 9.90	- 13.20 - 9.50 - 12.49 - 18.93	1 - -	7 -	6 - -	4 - -	3 -	3 3 3	1 12 1	- 4 2	1 7 5	9 (²)	35 17	3 8 8	19 1 17 –	23 (²) 43	39 1 2 6	(²)(²)	- - -	1 2 -	- - - 6	7 - - 69	- - - 3	- - -
Private industry Shipping/Receiving Clerks Private industry Goods-producing industries Manufacturing Service-producing industries	158 151 59 59	9.82 9.47 11.30 11.30 8.30	7.87 7.87 - - 7.28	6.96 6.30	- 18.93 - 12.06 - 11.49 - 10.10	- - - -	- - - -	- - - -	16 17 - - 28	8 8 - - 13	5 5 - 9		2 25 26 56 56 8	6 1 1 - - 1	2 - - - -	5 9 9 - - 15	6 7 - 11	3 3 - - 5	3 3 7 7	7 1 1 - - 2	7 7 5 5 8	- - - -	10 11 27 27	4 - - -	74 2 2 5 5	3	- - - -
Truckdrivers Light Truck Private industry Service-producing industries		9.84 9.85 9.85	- - -	_ ·	 	- - -	- - -	- - -	- - -	36 36 36	- - -	- - -	3 3 3	9 9 9	- - -	6 5 5	16 17 17	- - -	- - -	- - -	28 29 29	1 2 2	- - -	- - -	- - -	- - -	- - -
Heavy Truck	412 27	17.63 17.39	20.76	14.56	- 20.76 - –	-	-	-	_	-	-	-	-	-	(²) -	-	-	(²) -	1 -	21	19	1	3 48	1 22	26	_ _	51 -
Tractor Trailer Private industry Service-producing industries	520	17.18 17.18 17.45	17.26 17.26 17.26	16.23	- 18.96 - 18.96 - 18.96	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	2 2 2	(²) (²)	3 3 4	15 15 (²)	22 22 27	27 27 30	31 31 37	- - -	- - -
Warehouse Specialists: State and local government	27	12.04	-			-	-	-	-	-	-	-	-	-	-	-	19	26	48	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

Table A-11. Health services: Weekly hours and pay of professional, administrative, technical, protective service, and clerical occupations, Pittsburgh, PA, May 1995

		Average			kly pay ollars) ²							ı	Percent	of work	ers rec	eiving s	traight-t	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle ra	ange	200 and under 250	250 - 300	300 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 and ove
PROFESSIONAL OCCUPATIONS																											
Accountants Level I Private industry Hospitals Private industry	8 8 8	40.0 40.0 40.0 40.0	\$512 512 512 512	- - - -	 	- - - -	- - - -	- - - -	- - - -	25 25 25 25 25	- - - -	13 13 13 13	13 13 13 13	38 38 38 38	13 13 13 13	- - - -	_ _ _ _	- - - -	- - - -	_ _ _ _	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -
Level II Private industry Hospitals Private industry	82 80 61 59	39.9 39.9 39.9 40.0	626 624 608 605	\$641 641 616 616	\$572 — 569 — 566 — 558 —	\$676 676 652 652	- - -	- - - -	- - - -	- - -	5 5 7 7	1 1 2 2	11 11 15 15	15 15 15 15	28 27 36 36	23 24 18 19	13 14 3 3	4 2 5 3	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - - -
Level III Private industry Private industry Private industry Private industry	36 36 27 27	40.0 40.0 40.0 40.0	771 771 785 785	788 788 818 818	658 - 658 - 673 - 673 -	851 851 862 862	- - -	- - - -	- - - -	- - -	- - - -	- - - -	- - -	6 6 7 7	14 14 7 7	8 8 11 11	3 3 4 4	31 31 19 19	14 14 19 19	17 17 22 22	8 8 11 11	- - -	- - - -	- - -	- - -	- - -	- - - -
Level IV Private industry Hospitals Private industry	16 13	40.0 40.0 40.0 40.0	954 954 985 985	981 981 – –	851 – 851 – – –	1,009 1,009 - -	- - -	- - -	- - - -	- - -	- - -	- - - -	- - -	- - -	- - -	6 6 - -	- - -	- - -	19 19 23 23	- - -	19 19 8 8	25 25 31 31	19 19 23 23	6 6 8 8	6 6 8 8	- - -	- - -
Attorneys Level III Private industry Hospitals Private industry	7 7 6 6	40.0 40.0 40.0 40.0	1,262 1,262 1,280 1,280	- - - -	 	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	 - - - -	- - - -	- - - -	- - - -	- - - -	_ _ _ _	- - - -	- - - -	_ _ _ _	- - - -	14 14 17 17	14 14 17 17	29 29 17 17	14 14 17 17	- - - -	29 29 33 33
Registered Nurses Level I Private industry State and local government Hospitals	299 152	39.9 40.0 39.9 40.0	633 649 602 670	626 626 615 639	584 – 590 – 572 – 615 –	657 666 657 718	- - - -	- - - -	- - - -	- - - -	2 - 7 -	4 - 13 -	1 - 3 -	23 29 10 13	40 41 38 39	12 10 14 17	8 4 14 13	4 5 1 6	4 7 - 8	2 3 - 4	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - -
Level II Private industry Hospitals Private industry	9,914 9,146	39.8 39.8 39.8 39.8	722 721 727 726	724 722 732 730	662 – 662 – 666 – 664 –	767 767 767 767	- - -	- - -	- - -	- - -	(3) (3) - -	(3) (3) - -	(3) (3) (3) (3)	4 4 3 3	16 17 16 16	19 19 18 18	19 18 19 19	28 28 29 29	8 8 9 8	3 3 4 4	2 2 2 2	1 1 1	(3) (3) (3) (3) (3)	- - -	- - -	- - -	- - -
Level II specialists	65	40.0 40.0 40.0 40.0	754 754 754 754	680 680 680 680	653 – 653 – 653 –	822 822 822 822	- - -	- - -	- - -	- - -	- - -	- - -	- - -	3 3 3 3	2 2 2 2	46 46 46 46	2 2 2 2	- - -	34 34 34 34	- - -	8 8 8	3 3 3 3	3 3 3 3	- - -	- - -	- - -	- - -
Level III Private industry Hospitals Private industry	161	39.8 39.8 39.8 39.8	917 917 919 919	912 912 913 913	856 – 856 – 862 – 862 –	980 980 981 981	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	1 1 1	9 9 9	13 13 11 11	20 20 20 20	20 20 20 20 20	18 18 19 19	18 18 19 19	1 1 1 1	- - -	- - -	- - -

Table A-11. Health services: Weekly hours and pay of professional, administrative, technical, protective service, and clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay lollars) ²							ı	Percent	of work	ers rec	eiving s	traight-t	ime wee	ekly pay	(in doll	lars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	e range	200 and under 250	250 - 300	300 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	140 an
Level III anesthetists	148	39.9 39.9 39.8 39.8	\$1,228 1,228 1,277 1,277	\$1,265 1,265 1,320 1,320	\$1,078 1,078 1,218 1,218	- \$1,356 - 1,356 - 1,356	-	- - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - -	- - -	- - - -	- - - -	1 1 1 1	- - - -	2 2 2 2	29 29 5 5	10 10 14 14	15 15 20 20	42 42 55 55	
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts Level II Private industry Hospitals Private industry	14 12	40.0 40.0 40.0 40.0	675 675 670 670	- - - -	- - - -	 	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	21 21 25 25	14 14 17 17	21 21 25 25	21 21 8 8	21 21 25 25	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - -	- - - -	- - -
Buyers/Contracting Specialists Level I Private industry Hospitals Private industry	10 10	40.0 40.0 40.0 40.0	570 570 570 570	- - -	- - -	 	- - - -	- - -	- - -	20 20 20 20 20	- - - -	20 20 20 20 20	10 10 10 10	- - - -	30 30 30 30	- - - -	10 10 10 10	10 10 10 10	- - - -	- - -	- - -	- - - -	- - -	- - - -	- - - -	- - -	- - -
Level II	45 41	40.0 40.0 40.0 40.0	594 594 607 607	611 611 612 612	530 530 547 547	- 642 - 642 - 642	-	- - -	- - -	- - -	4 4 - -	15 16 15 15	17 18 17 17	9 7 7 7	33 33 37 37	15 16 17 17	- - -	- - -	7 7 7 7	- - -							
Computer Programmers Level II Private industry Hospitals Private industry	30 30	40.0 40.0 40.0 40.0	651 651 651 651	646 646 646 646	614 614 614 614	- 688 - 688 - 688	-	- - -	- - -	- - - -	- - -	- - - -	- - - -	20 20 20 20 20	37 37 37 37	20 20 20 20 20	17 17 17 17	7 7 7 7	- - - -	- - -	- - -	- - - -	- - -	- - - -	- - - -	- - -	
Level III	40 34	40.0 40.0 40.0 40.0	745 745 736 736	750 750 733 733	688 688 685 685	- 797 - 797 - 787	-	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	13 13 15 15	15 15 18 18	22 22 26 26	32 32 21 21	15 15 18 18	- - -	2 2 3 3	- - -	- - -	- - -	- - -	- - -	-
Computer Systems Analysts Level I Private industry Hospitals Private industry	36	40.0 40.0 40.0 40.0	708 708 690 690	729 729 677 677	607 607 598 598	- 797 - 797 - 789 - 789	-	- - - -	- - - -	- - - -	- - - -	- - -	6 6 7 7	17 17 20 20	14 14 17 17	8 8 10 10	8 8 10 10	28 28 13 13	11 11 13 13	8 8 10 10	- - -	- - - -	- - -	- - - -	- - -	- - -	-
Level II	85 84	40.0 40.0 40.0 40.0	795 795 798 798	814 814 814 814	732 732 733 733	- 858 - 858 - 858	-	- - -	- - -	- - - -	- - -	- - -	- - -	2 2 1 1	4 4 4 4	12 12 12 12	12 12 12 12	13 13 13 13	27 27 27 27	20 20 20 20	7 7 7 7	4 4 4 4	- - -	- - -	- - -	- - -	-
Level III Private industry Hospitals Private industry	37 24	40.0 40.0 40.0 40.0	917 917 928 928	935 935 939 939	855 855 880 880	953953965	-	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	8 8 13 13	5 5 8 8	27 27 17 17	32 32 21 21	16 16 25 25	11 11 17 17	- - - -	- - -	- - -	- - -

Table A-11. Health services: Weekly hours and pay of professional, administrative, technical, protective service, and clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay lollars) ²							ı	Percent	of work	ers rece	eiving s	traight-ti	me wee	ekly pay	(in doll	ars) of-						
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Midd	le range	200 and under 250	250 - 300	300 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 and over
Computer Systems Analyst Supervisors/Managers Level I Private industry	19 19	40.0 40.0	\$1,120 1,120	\$1,157 1,157	\$1,046 1,046	- \$1,163 - 1,163		_ _	_ _	_ _	_ _	_ _ _	_ _ _	_ _	_ _ _	_ _	_ _	- -	_ _	5 5	_ _	11 11	32 32	37 37	11 11	5 5	
Personnel Specialists Level I	6	37.5	545	_	_		_	_	_	_	50	_	_	_	17	33	_	_	_	_	_	_	_	_	_	_	_
Level II		39.7 39.8 39.9 40.0	594 586 587 580	578 577 578 578	559 549 549 549	- 646 - 637 - 616 - 610	-	- - -	- - -	- - -	- - -	6 6 9	17 19 17 18	37 38 37 39	17 15 23 21	17 19 9 9	2 2 3 3	4 - 3 -	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -
Level III	67 62 45 43	39.6 39.6 39.9 40.0	733 728 768 763	712 712 808 800	630 616 692 677	- 854 - 818 - 863 - 860	_	- - -	- - -	- - -	- - -	- - -	1 2 2 2	21 23 11 12	7 8 9	7 6 9	22 23 11 12	3 3 4 5	12 13 18 19	21 18 29 26	- - -	4 5 7 7	- - -	- - - -	- - -	- - -	_ _ _ _
Level IV	26 25 17 17	40.0 40.0 40.0 40.0	964 974 1,023 1,023	912 923 999 999	818 856 902 902	- 1,071 - 1,071 - 1,155 - 1,155		- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	4 - -	- - -	23 24 - -	12 12 18 18	15 16 24 24	8 8 12 12	19 20 18 18	15 16 24 24	- - -	4 4 6 6	- - -
Personnel Supervisors/Managers Level I	6 6	39.6 39.6	1,090 1,090	_ _ _	_ _ _	 	 - -	_ _	_ _	_ _ _	_ _	_ _	_ _ _	_ _	_ _ _	_ _ _	_ _	- -	_ _	_ _	17 17	17 17	17 17	17 17	33 33		_
TECHNICAL OCCUPATIONS Computer Operators Level II Private industry Hospitals Private industry	93 93 71 71	40.0 40.0 40.0 40.0	427 427 421 421	439 439 419 419	390 390 380 380	- 458 - 458 - 458	-	2 2 3 3	2 2 3 3	26 26 34 34	38 38 30 30	26 26 23 23	6 6 8 8	- - - -	- - - -	- - - -	- - - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - -
Level III Private industry Hospitals Private industry Private industry		40.0 40.0 40.0 40.0	529 529 530 530	528 528 528 528	518 518 514 514	- 543 - 543 - 546 - 546	-	- - -	- - -	- - -	2 2 3 3	9 9 10 10	76 76 72 72	13 13 15 15	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Licensed Practical Nurses Level II Private industry State and local government Hospitals Private industry		39.9 39.9 40.0 39.9 39.9	477 475 489 486 481	473 480 457 496 490	437 430 457 441 439	- 515 - 512 - 550 - 522 - 518	- - -	(3) (3) - -	1 1 - 1 1	3 4 - 3 3	24 27 9 25 25	33 28 60 23 25	30 35 3 38 41	8 5 26 11 5	(3) - 2 (3) -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Nursing Assistants Level I Private industry	152 152	40.0 40.0	248 248	250 250	220 220	- 260 - 260		51 51	3	1	1	_ _	_ _	- -	_ _	- -	_ _	<u>-</u> -	_ _	_ _	_ _	_	_ _	_ _	- -		<u>-</u>

Table A-11. Health services: Weekly hours and pay of professional, administrative, technical, protective service, and clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							ı	Percent	of work	ers rec	eiving st	traight-ti	ime wee	ekly pay	/ (in dol	llars) of						
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle	e range	200 and under 250	250 - 300	300 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	-	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 and over
Level II		39.9 39.9 40.0 39.9 39.9	\$342 325 419 373 368	\$341 320 382 375 375	283 382 327	- \$382 - 365 - 464 - 403 - 398	9 -	22 27 - 11 12	28 34 - 22 23	27 20 60 40 40	7 6 12 14 15	5 4 9 10 9	4 - 19 3 -		- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Level III	938 887 711 660	39.8 39.8 40.0 40.0	381 366 400 381	377 374 379 377	352 360	- 402 - 392 - 412 - 402	1 -	7 8 2 2	14 15 2 3	53 56 65 70	19 20 24 25	1 1 (³)	1 - 1 -	(³) - (³)	(³) - (³) -	2 - 3 -	2 - 2 -	- - - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -
CLERICAL OCCUPATIONS																											
Clerks, Accounting Level II	137	39.0 39.1 39.5 40.0	395 382 437 417	387 373 415 412	330 382	- 429 - 423 - 503 - 471	-	1 1 -	38 42 11 13	16 16 18 19	23 26 31 38	10 10 14 15	10 5 22 13	2 - 5 -	- - - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -
Level III	63 62 28 28	39.6 39.6 40.0 40.0	436 436 439 439	418 418 431 431	380 415	- 485 - 485 - 454	- -	- - -	- - -	33 34 4 4	30 29 64 64	14 15 25 25	13 13 7 7	10 10 - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Clerks, General Level I	9	38.6	313	_	_		_	67	11	_	22	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_	_
Level II	279 271 195 195	39.5 39.5 40.0 40.0	334 334 348 348	334 334 371 371	292 303	- 377 - 377 - 377 - 377	6 2	22 21 21 21	28 28 17 17	41 41 55 55	4 4 5 5	(³) (³) 1 1	- - -	- - -	- - -	- - -	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Level III		40.0 40.0 40.0 40.0	415 421 422 422	413 422 428 428	390 390	- 472 - 472 - 472 - 472		- - -	13 10 10 10	24 19 20 20	30 34 32 32	33 37 38 38	- - -	- - -	- - -	- - -	- - - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Key Entry Operators Level I	66 65 47 47	39.4 39.4 40.0 40.0	336 336 355 355	340 340 354 354	306 335	- 371 - 371 - 390 - 390	-	24 25 9	33 34 34 34	35 34 47 47	8 8 11 11	 - - - -	- - - -	- - -	- - - -	- - - -	- - - -	 - - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - - -
Level IIPrivate industry	47 47	40.0 40.0	365 365	377 377		- 392 - 392		13 13	15 15	62 62	6 6	4 4	- -	- -	- -	_ _	_ _	_ _	_ _	-	-	-	-	_ _	_ _	-	- -
Personnel Assistants (Employment) Level III Private industry Hospitals Private industry	8	40.0 40.0 40.0 40.0	507 507 507 507	- - - -	- - - -	 	- - -	- - - -	- - - -	- - - -	13 13 13 13	- - - -	88 88 88 88	- - -	- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - -	- - -	- - - -	- - -	- - -	- - - -

Table A-11. Health services: Weekly hours and pay of professional, administrative, technical, protective service, and clerical occupations, Pittsburgh, PA, May 1995 — Continued

		Average			kly pay ollars) ²							F	Percent	of work	ers rece	eiving s	traight-ti	ime wee	ekly pay	(in doll	ars) of-	_					
Occupation and level	Number of workers	weekly hours ¹ (stan- dard)	Mean	Median	Middle rar	nge	200 and under 250	250 - 300	300 - 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 and over
Secretaries Level II	181	39.8	\$455	\$434	\$423 -	\$504	_	_	1	11	53	8	25	1	1	_	_	_	_	_	_	_	_	-	-	1	_
Private industry Hospitals Private industry	151 151	39.8 40.0 40.0	457 462 462	434 434 434	423 – 434 – 434 –	504 537 537	_ _ _	- - -	1 1	10 8 8	53 50 50	8 9 9	27 30 30	1 1	1 1	- - -	_ _ _	_ _ _	_ _ _	_ _ _	_ _ _	- -	_ _ _	- -	-	1 1	
Level III Private industry Hospitals Private industry		40.0 40.0 40.0 40.0	494 494 493 493	475 475 475 475	461 – 461 – 461 – 461 –	533 533 532 532	- - -	- - -	- - -	4 4 4 4	13 13 13 13	47 47 47 47	18 18 17 17	15 15 16 16	3 3 3 3	(3) (3) (3) (3)	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - - -		1 1 1	
Level IV		40.0 40.0 40.0 40.0	534 534 534 534	506 506 506 506	502 – 502 – 502 – 502 –	558 558 558 558	- - - -	- - -	- - -	- - -	1 1 1	22 22 22 22	47 47 47 47	16 16 16 16	10 10 10 10	3 3 3 3	- - -	- - -	1 1 1 1	- - -	- - -	- - -	- - -	- - -		1 1 1	- - -
Switchboard Operator-Receptionists Private industry Hospitals Private industry	82 82 18 18	39.7 39.7 40.0 40.0	312 312 362 362	328 328 360 360	269 – 269 – 330 – 330 –	348 348 390 390	11 11 - -	35 35 - -	33 33 39 39	20 20 56 56	1 1 6 6	- - -	- - - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -		1 1 1	- - -

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

compute means, medians, and middle ranges.

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

³ Less than 0.5 percent.

Table A-12. Health services: Hourly pay of maintenance, toolroom, material movement, and custodial occupations, Pittsburgh, PA, May 1995

				rly pay ollars) ¹								Percent	of work	ers rec	eiving s	traight-t	ime hou	ırly pay	(in dolla	ars) of–	=					
Occupation and level	Number of workers	Mean	Median	Middl	e range	5.00 and under 5.50	5.50 - 6.00	6.00 - 6.50	6.50 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	-	-	11.50 - 12.00	-	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	-	17.00 - 18.00	-
MAINTENANCE AND TOOLROOM OCCUPATIONS																										
General Maintenance Workers Private industry Hospitals Private industry	158 103	\$11.37 11.37 12.43 12.43	\$11.42 11.42 12.10 12.10	9.35 11.11	- \$12.90 - 12.90 - 14.00 - 14.00	-	- - -	- - -	- - -	1 1 1	9 9 - -	6 6 -	2 2 1 1	8 8 - -	6 6 10 10	3 3 3 3	2 2 3 3	18 18 18 18	8 8 12 12	16 16 18 18	5 5 8 8	8 8 12 12	7 7 11 11	3 3 4 4	- - -	- - -
Maintenance Electricians Private industry State and local government Hospitals Private industry	17	16.15 16.63 14.21 16.30 16.73	16.65 17.04 15.38 16.73 17.01	15.97 12.40 15.79	- 17.14 - 17.23 - 15.73 - 17.23 - 17.23	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -	5 - 24 4 -	- - - -		- - - -	1 - 6 1 -	4 4 - -	6 7 - 7 8	25 13 71 19 15	18 22 - 22 25	32 40 - 31 36	11 13 - 13 15
Maintenance Electronics Technicians Level I Private industry Hospitals Private industry	15 15	13.19 13.19 13.19 13.19	13.11 13.11 13.11 13.11	11.79 11.79 11.79 11.79	- 14.50 - 14.50 - 14.50 - 14.50	-	- - -	- - - -	- - - -	- - - -	- - -		- - - -	- - -	- - -	- - - -	- - -	7 7 7 7	27 27 27 27 27	13 13 13 13	20 20 20 20 20	20 20 20 20 20	13 13 13 13	- - - -	- - - -	- - -
Level IIPrivate industry	61	15.53 15.62 15.53 15.62	15.50 15.53 15.50 15.53	14.69 14.53	- 16.73 - 16.73 - 16.73 - 16.73	-	- - -	- - - -	- - - -	- - - -	- - -		- - - -	- - -	- - -	2 - 2 -	- - - -	- - -	- - - -	3 3 3 3	11 11 11 11	21 21 21 21	23 23 23 23	21 21 21 21	18 18 18 18	2 2 2 2
MATERIAL MOVEMENT AND CUSTODIAL OCCUPATIONS																										
Guards Level I Private industry Hospitals Private industry	244	9.68 9.61 9.99 9.94	9.81 9.81 10.28 10.28		- 10.95 - 10.95 - 10.95 - 10.95	-	- - - -	- - - -	2 2 2 3	16 17 8 8	5 5 4 4	2 2 1 1	7 7 7 7	13 10 14 11	9 10 10 11	9 10 10 11	18 18 20 21	9 10 10 11	10 10 11 12	2 - 2 -	- - - -	- - - -		- - - -	- - - -	- - - -
Level II	74	10.77	10.38	10.14	- 11.80	-	-	-	-	-	-	-	1	4	9	38	7	5	27	8	-	-	-	-	-	-
Janitors Private industry State and local government Hospitals Private industry	1,886 273 1,614	8.55 8.33 10.08 8.83 8.69	8.64 8.53 9.90 8.68 8.64	7.88 7.60 9.23 8.21 8.21	- 9.23 - 9.10 - 11.86 - 9.18 - 9.11	2	5 5 - 1 1	4 4 - 1 1	4 5 - 3 3	6 7 - 8 8	7 8 1 6 6	15 15 12 17 17	21 24 - 27 29	15 14 19 16 17	10 6 35 7 7	3 3 1 3 4	3 4 - 4 5	2 2 3 2 2	4 (²) 29 5 (²)	- - - -	- - - -	- - - -		- - - -	- - - -	- - - -
Shipping/Receiving Clerks Private industry Hospitals Private industry	29 23	9.94 9.94 10.06 10.06	9.68 9.68 10.10 10.10	9.50 9.50 9.45 9.45	- 10.86 - 10.86 - 11.06	-	- - -	- - -	- - - -	- - - -	10 10 13 13	3 3 4 4	- - - -	7 7 9 9	38 38 22 22	14 14 17 17	7 7 9 9	10 10 13 13	7 7 9 9	- - -	3 3 4 4	- - - -		- - - -	- - - -	- - -
Truckdrivers Light Truck: Hospitals Private industry		9.40 9.40	9.56 9.56	8.34 8.34	- 10.31 - 10.31	<u>-</u>	- -	_ _	- -	- -	13 13	13 13	- -	20 20	13 13	40 40	- -	- -	_ _	_ _	<u>-</u>	- -	- -	- -	- -	_ _

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.

Appendix A. Scope and Method of Survey

Scope

This survey of the Pittsburgh, PA Primary Metropolitan Statistical Area covered establishments employing 50 workers or more in *goods producing industries* (mining, construction, and manufacturing); *service producing industries* (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries, including health services); and State and local governments. 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 SN1 Metropolitan Statistical Area (May 1992). Establishments with 50 workers or more during the sampling frame's reference period were included in the survey sample even if they employed fewer than 50 workers at the time of the survey.

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

Survey design

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

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

Data collection and payroll reference

Data for the survey were obtained primarily by personal visits of the Bureau's field economists to a sample of establishments within the Pittsburgh, PA Primary Metropolitan Statistical Area. Collection for the survey was from March 1995 through August 1995 and reflects an average payroll reference month of May 1995. Data obtained for a payroll period prior to the end of May 1995 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 10.5 percent of the sample establishments (representing 50,998 employees covered by the survey). An additional 5.5 percent of the sample establishments (representing 28,255 employees) were either out of business or outside the scope of the survey.

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

Some sampled establishments had a policy of not disclosing salary data for certain employees. No adjustments were made to pay estimates for the survey as a result of these missing data which affected one of the occupational work levels published in this bulletin. The proportion of employees for whom pay data were not available was less than 5 percent

Reliability of estimates

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

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

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. For example, if the estimated average weekly salary of Secretaries Level IV is \$500 and the standard error is \$8, the RSE is 1.6 percent, or \$8/\$500x100 = 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:

Relative standard error	Percent of published occupational work levels
Less than 1 percent	8.8
1 and under 3 percent	64.4
3 and under 5 percent 5 percent and over	24.6 2.1
s percent and over	2.1

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

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

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

To measure and better control nonsampling errors that occur during data collection, a quality control procedure was applied to the survey design. The procedure, job match validation (JMV), is designed to identify the frequency, reasons for, and sources of incorrect decisions made by Bureau field economists in

matching company jobs to survey occupations. Once identified, the problems are discussed promptly with the field economists while the data are still being collected. Subsequently, the JMV results are tallied, reported to BLS staff, and become the basis for remedial action for future surveys.

Approximately 6 percent of the 856 sampled job match decisions reviewed by the JMV reviewers and checked with the respondents were subsequently changed by the JMV reviewers. These results are from a similar survey conducted in 1994, see *Occupational Compensation Survey: Pay Only, Pittsburgh, PA*, BLS Bulletin 3075-23.

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, Pittsburgh, PA¹, May 1995

	Number of es	stablishments	Wor	kers in establishn	nents
Industry division ²	Within scope of	Chudiad	Within scope	e of survey ⁴	Studied
	survey ³	Studied	Number	Percent	Studied
ALL ESTABLISHMENTS					
All divisions	2,162	414	549,133	100	276,067
Private industry	2,004	379	472,499	86	234,266
Goods producing	581	104	104,654	19	41,190
Manufacturing	452	86	87,980	16	38,508
Mining ⁵	18	5	2,532	(6)	591
Construction ⁵	111	13	14,142	3	2,091
Service producing	1.423	275	367,845	67	193,076
Transportation, communication, electric, gas, and	, -		/		1
sanitary services ⁷	108	32	45,599	8	33,131
Wholesale trade ⁸	143	27	12,799	2	4,817
Retail trade ⁸	382	31	89,897	16	28,810
Finance, insurance, and real estate ⁸	123	20	39.834	7	21,783
Services ⁸	667	165	179,716	33	104,535
Oct vices	007	103	173,710	33	104,555
State and local government	158	35	76,634	14	41,801
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	218	127	306,602	100	224,970
Private industry	176	107	251.464	82	186.422
Goods producing	30	25	32,152	10	26,267
Manufacturing	30	25	32,152	10	26,267
Service producing	146	82	219,312	72	160,155
Transportation, communication, electric, gas, and		02	2.0,0.2		100,100
sanitary services ⁷	20	12	34.482	11	29.302
Retail trade ⁸	39	12	50,944	17	24,903
Finance, insurance, and real estate ⁸	9	6	26,710	9	19,876
Services ⁸	76	50	105.087	34	83.985
	70	30	100,007	34	03,303
State and local government	42	20	55,138	18	38,548
HEALTH SERVICES ⁹					
All divisions	148	46	86,199	16	59,793
Private industry	145	43	81,645	15	55,239
State and local government	3	3	4,554	15	4.554
· · · · · · · · · · · · · · · · · · ·	-	25	60,974	11	50,363
Hospitals Private industry	38 37	25 24	58,880	11	48,269
i iivato iiiuustiy	31	24	30,000	11	40,209

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

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

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.

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.

⁹ Health services includes establishments primarily engaged in furnishing medical, surgical, and other health services to persons.