

Occupational Compensation Survey: Pay Only

Tampa—St. Petersburg—
Clearwater, Florida,
Metropolitan Area, July 1996



U.S. Department of Labor
Bureau of Labor Statistics

Bulletin 3085-39

Preface

This bulletin provides results of a July 1996 survey of occupational pay in the Tampa—St. Petersburg—Clearwater, FL 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 Atlanta, under the direction of Dianne R. Farrior, 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 Atlanta Regional Office at (404) 347-4416. You may also write to the Bureau of Labor Statistics at: Office of Compensation Levels and Trends, 2 Massachusetts Avenue, NE, Room 4175, Washington, D.C. 20212-0001 or call the Occupational Compensation Survey Program information line at (202) 606-6220.

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Occupational Compensation Survey: Pay Only

Tampa—St. Petersburg— Clearwater, Florida, Metropolitan Area, July 1996



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

Bureau of Labor Statistics
Katharine G. Abraham,
Commissioner

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Introduction

This survey of occupational pay in the Tampa—St. Petersburg—Clearwater, FL Metropolitan Statistical Area (Hernando, Hillsborough, Pasco, and Pinellas Counties) was conducted as part of the U.S. Bureau of Labor Statistics Occupational Compensation Survey Program. The survey is one of a number conducted annually in metropolitan areas throughout the United States. (See listing of reports for other surveys at the end of this bulletin.)

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

The Program develops information that is used for a variety of purposes, including wage and salary administration, collective bargaining, and assistance in determining business or plant location. Survey results also are used by the U.S. Department of Labor in making wage determinations under the Service Contract Act, and by the President's Pay Agent (the Secretary of Labor and Directors of the U.S. Office of Personnel Management and the U.S. Office of Management and Budget) in determining local pay adjustments under the Federal Employee Pay Comparability Act of 1990. This latter requirement resulted in: (1) Expanding the survey's industrial coverage to include all private nonfarm establishments (except households) employing 50 workers or more and to State and local governments and

(2) adding more professional, administrative, technical, and protective service occupations to the surveys.

Pay

The A-series tables provide estimates of straight-time weekly or hourly pay by occupation. Tables A-1 through A-5 provide data for selected white- and blue-collar occupations common to a variety of industries. Tables A-6 through A-10 include similar information, but are limited to establishments employing 500 workers or more.

Occupational pay information is presented for all industries covered by the survey and, where possible, for private industry (e.g., for goods- and service-producing industries) and for State and local governments. Within private industry, more detailed information is presented to the extent that the survey establishment sample can support such detail.

Appendixes

Appendix A describes the concepts, methods, and coverage used in the Occupational Compensation Survey Program. It also includes information on the area's industrial composition and the reliability of occupational pay estimates.

Appendix B includes the descriptions used by Bureau field economists to classify workers in the survey occupations.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	175 and under 200	200 - 250	250 - 300	300 - 400	400 - 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000	2000 and over		
PROFESSIONAL OCCUPATIONS																												
Accountants																												
Level II	744	39.9	\$613	\$596	\$577 - \$647	(³)	-	-	1	5	48	35	10	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	621	39.9	617	596	577 - 647	-	-	-	2	51	37	9	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	113	40.0	602	584	577 - 647	-	-	-	9	47	42	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	113	40.0	602	584	577 - 647	-	-	-	9	47	42	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	508	39.9	620	596	577 - 656	-	-	-	-	52	36	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transportation and utilities	67	40.0	676	662	629 - 716	-	-	-	-	-	67	24	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	123	40.0	595	594	488 - 665	1	-	-	3	21	31	23	15	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	546	40.0	759	732	670 - 822	-	-	-	2	4	32	29	20	8	5	(³)	-	-	-	-	-	-	-	-	-	-	-	
Private industry	470	40.0	769	732	675 - 822	-	-	-	-	1	33	32	20	7	6	(³)	-	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	144	40.0	819	822	724 - 881	-	-	-	-	-	12	34	38	3	13	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	142	40.0	818	822	721 - 881	-	-	-	-	-	12	34	38	3	13	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	326	39.9	747	712	654 - 798	-	-	-	-	2	43	31	13	9	2	1	-	-	-	-	-	-	-	-	-	-	-	
Transportation and utilities	50	40.0	812	813	773 - 856	-	-	-	-	-	-	48	44	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	76	40.0	697	686	581 - 821	-	-	-	12	21	20	16	14	16	1	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	288	40.0	1,025	1,011	950 - 1,072	-	-	-	1	1	(³)	1	7	27	44	8	3	(³)	1	-	-	-	-	-	-	-	-	
Private industry	249	40.0	1,041	1,011	962 - 1,078	-	-	-	-	-	-	-	5	31	44	7	9	3	1	-	-	-	-	-	-	-	-	
Goods-producing industries	81	40.0	1,051	1,028	963 - 1,090	-	-	-	-	-	-	-	4	36	42	4	14	1	-	-	-	-	-	-	-	-	-	
Manufacturing	81	40.0	1,051	1,028	963 - 1,090	-	-	-	-	-	-	-	4	36	42	4	14	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	168	40.0	1,036	1,011	962 - 1,058	-	-	-	-	-	-	-	6	28	45	9	7	4	-	1	-	-	-	-	-	-	-	
State and local government	39	40.0	925	-	-	-	-	-	5	8	3	5	18	3	44	10	3	-	3	-	-	-	-	-	-	-	-	
Level V	98	40.0	1,330	1,311	1,113 - 1,440	-	-	-	-	-	1	-	2	-	-	29	-	32	12	12	4	6	2	-	-	-	-	
Private industry	95	40.0	1,348	1,311	1,113 - 1,525	-	-	-	-	-	-	-	-	-	-	29	-	33	13	13	4	6	2	-	-	-	-	
Accountants, Public																												
Level I	82	40.0	644	615	615 - 683	-	-	-	-	10	80	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	82	40.0	644	615	615 - 683	-	-	-	-	10	80	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	82	40.0	644	615	615 - 683	-	-	-	-	10	80	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	139	40.0	706	702	673 - 750	-	-	-	-	-	45	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	139	40.0	706	702	673 - 750	-	-	-	-	-	45	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	139	40.0	706	702	673 - 750	-	-	-	-	-	45	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level III	173	40.0	839	846	796 - 904	-	-	-	-	-	2	40	23	31	5	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	173	40.0	839	846	796 - 904	-	-	-	-	-	2	40	23	31	5	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	173	40.0	839	846	796 - 904	-	-	-	-	-	2	40	23	31	5	-	-	-	-	-	-	-	-	-	-	-	-	
Level IV	50	40.0	1,116	1,058	1,013 - 1,125	-	-	-	-	-	-	-	-	8	50	18	-	24	-	-	-	-	-	-	-	-	-	
Private industry	50	40.0	1,116	1,058	1,013 - 1,125	-	-	-	-	-	-	-	-	8	50	18	-	24	-	-	-	-	-	-	-	-	-	
Service-producing industries	50	40.0	1,116	1,058	1,013 - 1,125	-	-	-	-	-	-	-	-	8	50	18	-	24	-	-	-	-	-	-	-	-	-	
Attorneys																												
Level III	78	40.0	1,255	-	-	-	-	-	-	-	-	3	-	-	8	51	9	5	18	4	3	-	-	-	-	-	-	
State and local government	37	39.9	1,247	-	-	-	-	-	-	-	-	5	-	-	11	30	19	11	22	3	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and pay of professional and administrative occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																			
			Mean	Median	Middle range	175 and under 200	200 - 250	250 - 300	300 - 400	400 - 500	500 - 600	600 - 700	700 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900	1900 - 2000
Engineers																									
Level I	364	40.0	\$627	\$619	\$561 -- \$694	-	-	-	-	10	36	33	16	5	-	-	-	-	-	-	-	-	-	-	-
Private industry	327	40.0	624	609	570 -- 692	-	-	-	-	12	36	33	14	5	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	203	40.0	609	607	519 -- 668	-	-	-	-	19	30	34	13	3	-	-	-	-	-	-	-	-	-	-	
Manufacturing	203	40.0	609	607	519 -- 668	-	-	-	-	19	30	34	13	3	-	-	-	-	-	-	-	-	-	-	
State and local government	37	40.0	648	-	-	-	-	-	-	32	30	32	5	-	-	-	-	-	-	-	-	-	-	-	
Level II	634	40.0	783	760	687 -- 866	-	-	-	-	-	3	24	32	22	11	6	1	-	-	-	-	-	-	-	
Private industry	521	40.0	786	766	692 -- 865	-	-	-	-	-	2	24	33	22	12	6	1	-	-	-	-	-	-	-	
Goods-producing industries	343	40.0	784	769	687 -- 865	-	-	-	-	-	-	29	28	25	14	5	-	-	-	-	-	-	-	-	
Manufacturing	339	40.0	786	771	687 -- 865	-	-	-	-	-	-	28	28	25	14	5	-	-	-	-	-	-	-	-	
State and local government	113	40.0	770	756	659 -- 872	-	-	-	-	-	10	25	28	20	10	7	-	-	-	-	-	-	-	-	
Level III	780	40.0	983	979	876 -- 1,079	-	-	-	-	-	-	2	6	20	27	25	13	5	1	-	-	-	-	-	
Private industry	645	40.0	996	987	904 -- 1,084	-	-	-	-	-	-	2	4	18	29	26	15	5	1	-	-	-	-	-	
Goods-producing industries	467	40.0	978	962	895 -- 1,062	-	-	-	-	-	-	1	4	21	35	23	12	4	-	-	-	-	-	-	
Manufacturing	465	40.0	978	962	895 -- 1,062	-	-	-	-	-	-	1	4	22	34	23	12	4	-	-	-	-	-	-	
State and local government	135	39.9	919	899	829 -- 1,021	-	-	-	-	-	-	5	16	30	14	22	5	7	-	-	-	-	-	-	
Level IV	950	40.0	1,142	1,117	1,022 -- 1,250	-	-	-	-	-	-	-	1	1	19	24	23	14	11	5	2	(³)	-	-	
Private industry	885	40.0	1,145	1,120	1,022 -- 1,250	-	-	-	-	-	-	-	1	(³)	19	24	24	14	10	5	2	(³)	-	-	
Goods-producing industries	624	40.0	1,101	1,096	1,002 -- 1,187	-	-	-	-	-	-	-	1	-	22	29	29	13	6	(³)	-	-	-	-	
Manufacturing	620	40.0	1,102	1,096	1,002 -- 1,188	-	-	-	-	-	-	-	1	-	22	29	28	13	6	(³)	-	-	-	-	
Service-producing industries	261	40.0	1,249	1,270	1,083 -- 1,398	-	-	-	-	-	-	-	2	1	13	13	11	15	21	18	6	2	-	-	
State and local government	65	40.0	1,095	1,101	983 -- 1,281	-	-	-	-	-	-	-	8	11	8	23	20	18	12	-	-	-	-	-	
Level V	676	40.0	1,281	1,271	1,149 -- 1,389	-	-	-	-	-	-	-	-	1	1	9	19	29	18	11	8	3	(³)	-	
Private industry	626	40.0	1,290	1,271	1,149 -- 1,394	-	-	-	-	-	-	-	-	1	(³)	9	20	27	19	11	9	4	(³)	-	
Goods-producing industries	285	40.0	1,311	1,277	1,224 -- 1,385	-	-	-	-	-	-	-	-	1	-	2	14	38	25	8	7	5	-	-	
Manufacturing	273	40.0	1,309	1,277	1,222 -- 1,385	-	-	-	-	-	-	-	-	1	-	2	15	38	25	7	7	5	-	-	
State and local government	50	40.0	1,169	1,226	1,084 -- 1,277	-	-	-	-	-	-	-	-	12	8	8	12	50	4	4	2	-	-	-	
Level VI	170	40.0	1,523	1,506	1,401 -- 1,614	-	-	-	-	-	-	-	-	-	1	-	-	9	14	16	34	4	16	4	
Private industry	168	40.0	1,520	1,505	1,401 -- 1,611	-	-	-	-	-	-	-	-	-	1	-	-	9	14	16	34	4	15	4	
Goods-producing industries	68	40.0	1,529	-	-	-	-	-	-	-	-	-	-	-	-	-	16	31	9	3	6	25	3	7	
Level VII	76	40.0	1,601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	18	13	8	11	13	3	
Private industry	76	40.0	1,601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	18	13	8	11	13	3	
ADMINISTRATIVE OCCUPATIONS																									
Budget Analysts																									
Level III:																									
State and local government	27	40.0	837	-	-	-	-	-	-	-	-	26	11	30	30	4	-	-	-	-	-	-	-	-	
Buyers/Contracting Specialists																									
Level I	190	40.0	496	492	470 -- 535	-	-	-	11	48	35	5	1	-	-	-	-	-	-	-	-	-	-	-	
Private industry	162	40.0	498	492	470 -- 535	-	-	-	7	52	36	4	1	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	126	40.0	514	492	482 -- 535	-	-	-	-	54	40	5	2	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	126	40.0	514	492	482 -- 535	-	-	-	-	54	40	5	2	-	-	-	-	-	-	-	-	-	-	-	
State and local government	28	40.0	480	-	-	-	-	-	29	29	32	11	-	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	275 and under 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200		
TECHNICAL OCCUPATIONS																												
Computer Operators																												
Level II	612	40.0	\$404	\$400	\$365 - \$442	(³)	6	7	18	18	23	16	4	3	4	(³)	1	(³)	-	(³)	-	-	-	-	-	-	-	-
Private industry:																												
Goods-producing industries	53	40.0	419	-	- - -	-	-	6	23	11	6	32	4	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	53	40.0	419	-	- - -	-	-	6	23	11	6	32	4	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	56	39.9	436	419	393 - 452	-	-	-	7	20	30	13	16	5	2	-	2	2	-	4	-	-	-	-	-	-	-	
Level III	260	40.0	491	480	437 - 545	-	-	-	10	-	2	24	5	17	3	15	15	1	5	2	1	1	-	-	-	-	-	
State and local government	41	40.0	541	500	458 - 618	-	-	-	-	-	12	5	20	12	5	5	12	2	10	5	7	5	-	-	-	-	-	
Drafters																												
Level I	69	40.0	393	-	- - -	-	7	17	7	9	45	7	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Private industry	67	40.0	393	-	- - -	-	7	16	7	9	46	6	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	150	39.9	478	455	409 - 519	-	-	-	1	8	21	20	4	11	15	2	1	11	5	2	-	-	-	-	-	-	-	
Private industry	109	39.9	488	474	439 - 519	-	-	-	-	3	20	22	6	7	20	-	2	15	3	3	-	-	-	-	-	-	-	
State and local government	41	40.0	451	430	396 - 483	-	-	-	5	22	22	15	-	20	-	7	-	10	-	-	-	-	-	-	-	-	-	
Level III	73	40.0	626	-	- - -	-	-	-	-	-	-	1	-	8	3	3	5	5	49	8	5	11	-	-	-	-	-	
Private industry	51	40.0	642	-	- - -	-	-	-	-	-	-	2	-	-	-	-	4	8	59	12	8	8	-	-	-	-	-	
Engineering Technicians																												
Level III	147	40.0	593	584	549 - 644	-	-	-	-	-	1	3	-	1	7	12	16	19	19	14	6	-	-	-	-	-	-	
Private industry	141	40.0	600	588	558 - 646	-	-	-	-	-	-	-	-	1	8	13	17	20	20	15	6	-	-	-	-	-	-	
Engineering Technicians, Civil																												
Level I:																												
State and local government	33	40.0	376	-	- - -	-	27	9	18	9	9	15	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	160	40.0	477	459	391 - 557	-	4	3	6	16	7	14	4	9	2	10	5	2	16	2	-	-	-	-	-	-	-	
State and local government	100	40.0	446	432	382 - 496	-	6	5	9	17	9	12	6	12	2	8	4	10	-	-	-	-	-	-	-	-	-	
Level III	280	40.0	602	581	520 - 693	-	-	-	-	-	4	4	5	4	9	11	12	6	7	15	16	3	4	-	-	-	-	
State and local government	193	40.0	569	550	499 - 635	-	-	-	-	-	6	6	8	6	8	16	14	7	7	6	13	-	3	-	-	-	-	
Level IV	263	40.0	684	686	598 - 764	-	-	-	-	(³)	2	3	3	2	4	9	3	11	13	17	19	7	6	-	-	1		
State and local government	180	39.9	655	652	554 - 712	-	-	-	-	1	2	4	4	3	6	12	4	13	16	17	4	5	7	-	-	1		

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and pay of technical and protective service occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	275 and under 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000	1000 - 1100	1100 - 1200	
PROTECTIVE SERVICE OCCUPATIONS																											
Firefighters	1,902	52.5	\$573	\$573	\$492 - \$677	-	-	-	3	7	3	3	4	10	4	5	14	2	8	31	7	-	-	-	-	-	-
State and local government	1,262	52.2	536	522	456 - 638	-	-	-	5	10	4	5	6	15	6	5	13	3	7	11	10	-	-	-	-	-	
Police Officers																											
Level I	1,911	40.6	665	654	572 - 750	-	-	-	-	1	(³)	4	4	2	2	1	15	10	12	7	14	13	17	-	-	-	
State and local government	1,911	40.6	665	654	572 - 750	-	-	-	-	1	(³)	4	4	2	2	1	15	10	12	7	14	13	17	-	-	-	

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

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

compute means, medians, and middle ranges.

³ Less than 0.5 percent.

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

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000			
Clerks, Accounting																												
Level I	83	39.9	\$294	\$300	\$276 - \$306	-	2	13	34	41	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	23	39.8	311	308	287 - 331	-	-	4	26	35	30	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	2,008	39.9	357	356	318 - 385	-	(³)	1	12	16	14	23	13	9	3	3	1	2	1	-	-	-	-	-	-	-	-	
Private industry	1,767	40.0	352	355	312 - 381	-	1	1	13	17	13	24	14	9	3	3	(³)	1	1	-	-	-	-	-	-	-	-	
Goods-producing industries	436	40.0	366	366	352 - 385	-	-	-	6	11	6	35	28	7	5	2	1	-	-	-	-	-	-	-	-	-	-	
Manufacturing	311	40.0	360	361	341 - 372	-	-	-	9	13	7	48	12	5	3	3	1	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,331	40.0	347	340	308 - 377	-	1	2	15	19	15	21	9	10	3	3	(³)	1	1	-	-	-	-	-	-	-	-	
Transportation and utilities	102	40.0	410	381	356 - 462	-	-	-	-	3	9	33	18	8	4	2	4	10	10	-	-	-	-	-	-	-	-	
State and local government	241	39.6	394	376	340 - 451	-	-	1	6	9	20	15	9	8	5	8	6	10	3	-	-	-	-	-	-	-	-	
Level III	1,085	39.9	407	400	348 - 447	-	-	(³)	1	14	11	15	7	16	12	5	4	8	5	1	1	-	-	-	-	-	-	
Private industry	732	39.9	406	400	348 - 445	-	-	-	(³)	14	13	11	6	20	14	6	2	9	3	(³)	1	-	-	-	-	-	-	
Goods-producing industries	175	40.0	461	437	420 - 500	-	-	-	-	-	1	5	14	9	24	10	3	26	6	-	3	-	-	-	-	-	-	
Manufacturing	154	40.0	463	442	425 - 505	-	-	-	-	-	-	4	16	4	27	11	3	23	7	-	4	-	-	-	-	-	-	
Service-producing industries	557	39.9	389	383	346 - 420	-	-	-	(³)	19	17	13	4	23	11	5	2	3	1	(³)	-	-	-	-	-	-	-	
State and local government	353	39.8	408	379	353 - 468	-	-	(³)	3	13	8	23	9	9	7	3	6	8	8	2	-	-	-	-	-	-	-	
Level IV	189	40.0	526	504	458 - 586	-	-	-	-	-	1	1	3	11	6	7	15	14	18	13	3	7	-	-	-	-	-	
Private industry	76	39.9	544	-	-	-	-	-	-	-	-	-	-	-	1	3	22	29	26	11	5	3	-	-	-	-	-	
State and local government	113	40.0	514	479	425 - 607	-	-	-	-	-	2	2	4	19	9	11	10	4	12	15	2	11	-	-	-	-	-	
Clerks, General																												
Level I:																												
State and local government	81	40.0	309	294	283 - 329	-	-	19	48	6	9	7	2	2	1	5	-	-	-	-	-	-	-	-	-	-	-	
Level II	1,772	40.0	283	275	251 - 305	2	21	26	25	10	10	3	1	1	(³)	(³)	(³)	(³)	-	-	-	-	-	-	-	-	-	
State and local government	332	40.0	333	330	294 - 358	-	5	10	11	18	28	7	7	8	2	2	1	1	-	-	-	-	-	-	-	-	-	
Level III	1,270	40.0	354	345	290 - 412	-	5	15	9	11	11	12	9	5	6	15	(³)	1	-	-	-	-	-	-	-	-	-	
Private industry	509	40.0	360	338	287 - 466	-	5	16	11	13	11	-	8	3	8	26	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	503	40.0	360	338	287 - 466	-	5	16	11	13	11	-	7	3	8	27	-	-	-	-	-	-	-	-	-	-	-	
State and local government	761	40.0	349	353	297 - 393	-	5	14	7	11	11	20	9	7	5	7	1	2	-	-	-	-	-	-	-	-	-	
Level IV	359	40.0	382	366	317 - 434	-	-	-	14	18	11	11	11	8	6	10	4	3	3	1	(³)	1	-	-	-	-	-	
Private industry	97	40.0	417	420	380 - 453	-	-	-	-	-	2	19	19	18	9	28	6	-	-	-	-	-	-	-	-	-	-	
Clerks, Order																												
Level II	113	40.0	396	360	340 - 404	-	-	-	-	-	26	41	6	6	2	-	2	7	5	5	-	-	-	-	-	-	-	
Private industry	113	40.0	396	360	340 - 404	-	-	-	-	-	26	41	6	6	2	-	2	7	5	5	-	-	-	-	-	-	-	
Key Entry Operators																												
Level I	1,466	40.0	284	277	260 - 306	-	21	24	24	17	9	2	2	(³)	-	-	(³)	-	-	-	-	-	-	-	-	-	-	
Private industry	1,335	40.0	281	277	260 - 304	-	23	24	24	16	9	2	1	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	1,228	40.0	281	277	249 - 304	-	25	21	25	17	8	2	2	(³)	-	-	-	-	-	-	-	-	-	-	-	-	-	
Level II	626	39.9	357	346	326 - 375	-	-	-	(³)	21	30	24	13	4	1	3	3	-	(³)	-	-	-	-	-	-	-	-	
State and local government	102	40.0	396	373	330 - 474	-	-	-	-	23	20	9	6	6	2	14	19	-	3	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																						
			Mean	Median	Middle range	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000			
Personnel Assistants (Employment)																												
Level II	125	39.9	\$413	\$400	\$361 - \$450	-	-	-	4	2	7	30	5	10	2	27	4	1	9	-	-	-	-	-	-	-	-	-
State and local government	53	39.8	431	412	356 - 478	-	-	-	2	4	17	15	4	13	4	13	6	2	21	-	-	-	-	-	-	-	-	-
Level III	75	39.6	514	-	- - -	-	-	-	-	-	3	1	3	20	-	5	9	32	8	4	15	-	-	-	-	-	-	
State and local government	50	39.4	535	520	476 - 638	-	-	-	-	-	4	2	4	6	-	8	12	24	12	6	22	-	-	-	-	-	-	
Secretaries																												
Level I	1,776	39.9	369	358	312 - 420	-	(³)	6	13	15	13	10	9	11	9	3	4	4	2	1	-	-	-	-	-	-	-	-
Private industry	883	39.8	366	370	312 - 420	-	-	11	8	12	10	14	11	17	11	2	5	(³)	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	75	40.0	424	-	- - -	-	-	-	-	-	-	1	13	31	39	12	3	1	-	-	-	-	-	-	-	-	-	
Manufacturing	75	40.0	424	-	- - -	-	-	-	-	-	-	1	13	31	39	12	3	1	-	-	-	-	-	-	-	-	-	
Service-producing industries	808	39.8	360	363	312 - 411	-	-	12	9	13	11	15	11	15	9	1	5	(³)	-	-	-	-	-	-	-	-	-	
State and local government	893	39.9	372	339	312 - 426	-	(³)	1	18	19	17	7	7	5	6	4	4	7	3	1	-	-	-	-	-	-	-	
Level II	1,129	39.9	430	415	371 - 477	-	-	(³)	(³)	6	8	12	18	9	7	13	9	10	4	4	(³)	-	-	-	-	-	-	-
Private industry	531	40.0	429	420	380 - 474	-	-	(³)	(³)	2	6	10	22	10	4	20	11	10	1	1	(³)	-	-	-	-	-	-	-
Goods-producing industries	67	40.0	474	-	- - -	-	-	-	-	-	1	-	3	1	10	37	19	22	3	1	-	-	-	-	-	-	-	
Manufacturing	67	40.0	474	-	- - -	-	-	-	-	-	1	-	3	1	10	37	19	22	3	1	-	-	-	-	-	-	-	
Service-producing industries	464	40.0	422	400	380 - 473	-	-	(³)	(³)	3	7	12	25	11	3	18	10	9	1	1	(³)	-	-	-	-	-	-	
State and local government	598	39.9	431	412	363 - 491	-	-	-	-	9	10	15	13	8	10	7	7	9	6	7	(³)	-	-	-	-	-	-	
Level III	1,054	39.9	516	504	450 - 579	-	-	-	-	(³)	-	2	2	13	8	9	10	24	16	9	4	2	1	-	-	-	-	
Private industry	685	39.9	517	505	473 - 574	-	-	-	-	-	-	(³)	(³)	15	7	7	9	31	16	9	4	1	1	-	-	-	-	
Goods-producing industries	67	39.8	555	-	- - -	-	-	-	-	-	-	-	-	-	-	6	43	43	3	3	1	-	-	-	-	-	-	
Manufacturing	67	39.8	555	-	- - -	-	-	-	-	-	-	-	-	-	-	6	43	43	3	3	1	-	-	-	-	-	-	
Service-producing industries	618	39.9	513	504	457 - 562	-	-	-	-	-	-	(³)	(³)	17	7	8	9	30	13	10	4	1	1	-	-	-		
State and local government	369	39.8	513	494	433 - 582	-	-	-	-	(³)	-	4	6	9	11	12	13	10	16	9	4	4	1	-	-	-	-	
Level IV	333	39.9	596	575	502 - 652	-	-	-	-	-	-	-	-	-	2	2	19	20	11	19	8	5	12	-	-	1		
Private industry	257	40.0	597	575	502 - 652	-	-	-	-	-	-	-	-	-	-	-	22	23	9	20	8	5	12	-	-	1		
Service-producing industries	225	40.0	592	529	502 - 654	-	-	-	-	-	-	-	-	-	-	-	25	27	9	10	9	6	13	-	-	1		
State and local government	76	39.4	593	578	493 - 659	-	-	-	-	-	-	-	-	-	7	11	9	8	21	16	11	5	13	-	-	-		
Switchboard Operator-Receptionists																												
Level I	1,076	39.9	320	320	282 - 346	4	2	11	20	20	21	8	4	6	1	-	2	1	-	-	-	-	-	-	-	-	-	
Private industry	987	39.9	320	320	288 - 346	4	2	10	20	21	21	9	4	6	1	-	1	1	-	-	-	-	-	-	-	-	-	
Goods-producing industries	235	40.0	335	330	320 - 340	-	3	-	3	30	45	9	5	-	5	-	(³)	-	-	-	-	-	-	-	-	-	-	
Manufacturing	153	40.0	338	330	320 - 351	-	4	-	5	19	42	13	8	-	8	-	1	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	752	39.9	315	300	280 - 346	5	2	13	25	18	14	9	4	8	-	2	1	-	-	-	-	-	-	-	-	-		
Transportation and utilities	41	40.0	313	296	296 - 329	-	-	-	66	-	22	2	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
State and local government	89	39.9	318	295	266 - 350	-	7	26	19	9	18	6	-	7	4	-	3	1	-	-	-	-	-	-	-	-		

See footnotes at end of table.

Table A-3. All establishments: Weekly hours and pay of clerical occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																			
			Mean	Median	Middle range	200 and under 225	225 - 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 900	900 - 1000
Word Processors																									
Level I	307	40.0	\$326	\$309	\$290 - \$339	-	-	-	34	30	20	5	2	1	4	2	1	1	-	-	-	-	-	-	-
Level II	289	40.0	413	382	342 - 462	-	-	-	-	8	29	10	8	11	4	7	3	11	2	7	-	-	-	-	-
Private industry	100	40.0	464	462	336 - 545	-	-	-	-	-	27	-	-	21	-	9	2	22	2	17	-	-	-	-	-
Service-producing industries	100	40.0	464	462	336 - 545	-	-	-	-	-	27	-	-	21	-	9	2	22	2	17	-	-	-	-	-

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

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

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

³ Less than 0.5 percent.

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

Table A-4. All establishments: Hourly pay of maintenance and toolroom occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																								
		Mean	Median	Middle range	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	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	21.00 - 22.00	22.00 - 23.00	23.00 and over		
General Maintenance Workers	1,274	\$9.06	\$8.86	\$7.64 - \$10.48	6	3	6	8	4	15	9	10	6	18	7	3	2	2	1	-	-	-	-	-	-	-	-	-	-
Private industry	983	8.55	8.46	7.25 - 9.73	7	4	7	9	5	19	10	10	7	14	6	3	(²)	-	-	-	-	-	-	-	-	-	-	-	
Goods-producing industries	198	9.55	9.36	8.59 - 10.55	-	-	-	5	8	10	15	15	14	13	15	5	2	-	-	-	-	-	-	-	-	-	-		
Manufacturing	198	9.55	9.36	8.59 - 10.55	-	-	-	5	8	10	15	15	14	13	15	5	2	-	-	-	-	-	-	-	-	-	-		
Service-producing industries	785	8.29	8.24	7.00 - 9.25	9	5	9	10	4	21	9	9	5	14	3	2	-	-	-	-	-	-	-	-	-	-	-		
State and local government	291	10.79	10.61	9.47 - 11.95	-	-	3	3	3	5	5	7	5	34	12	4	6	7	6	-	-	-	-	-	-	-	-		
Maintenance Electricians:																													
Private industry:																													
Goods-producing industries	127	14.16	14.39	13.30 - 15.03	-	-	-	-	-	-	2	1	-	9	-	12	18	31	15	-	4	2	1	4	-	1	-		
Manufacturing	121	14.35	14.39	13.78 - 15.03	-	-	-	-	-	-	-	-	-	10	-	12	17	33	16	-	4	2	1	4	-	1	-		
State and local government	82	13.54	13.24	11.36 - 14.95	-	-	-	-	-	-	-	1	4	15	12	12	21	11	7	9	-	2	4	1	1	-	-		
Maintenance Electronics Technicians																													
Level I	117	10.63	10.12	9.00 - 12.14	-	-	-	3	3	9	3	23	7	10	15	9	9	2	6	-	-	-	-	-	-	-	-		
State and local government	38	11.96	-	-	-	-	-	-	-	-	11	8	-	21	18	8	13	3	18	-	-	-	-	-	-	-	-		
Level II	362	14.09	13.25	12.44 - 15.61	-	-	-	-	-	2	1	-	1	11	22	23	10	6	4	12	1	7	-	-	-	-	-		
Private industry	259	13.58	13.16	12.42 - 14.69	-	-	-	-	-	2	-	2	-	14	24	27	11	7	2	13	-	-	-	-	-	-	-		
Goods-producing industries	111	14.23	14.16	11.00 - 17.52	-	-	-	-	-	-	4	-	-	4	20	4	16	13	8	2	31	-	-	-	-	-	-		
Manufacturing	111	14.23	14.16	11.00 - 17.52	-	-	-	-	-	4	-	-	-	4	20	4	16	13	8	2	31	-	-	-	-	-	-		
State and local government	103	15.37	14.84	12.67 - 18.75	-	-	-	-	-	2	4	-	-	4	17	15	9	4	10	8	5	23	-	-	-	-			
Level III	120	16.97	17.06	14.21 - 19.80	-	-	-	-	-	-	-	-	-	-	5	13	2	18	6	5	9	7	13	9	4	2	5		
Private industry	93	17.70	17.87	14.21 - 19.91	-	-	-	-	-	-	-	-	-	-	-	10	-	19	6	4	12	9	17	10	3	3	6		
Maintenance Machinists	164	13.93	14.00	13.00 - 14.30	-	-	-	-	-	-	-	-	1	-	6	16	21	41	8	-	1	-	2	4	-	-	-		
Private industry	159	13.90	14.00	13.00 - 14.30	-	-	-	-	-	-	-	-	-	-	6	16	21	42	8	-	1	-	1	4	-	-	-		
Goods-producing industries	99	14.16	14.04	13.00 - 14.04	-	-	-	-	-	-	-	-	-	-	10	14	4	49	13	-	2	-	1	6	-	-	-		
Manufacturing	97	14.21	14.04	13.00 - 14.04	-	-	-	-	-	-	-	-	-	-	8	14	4	51	13	-	2	-	1	6	-	-	-		
Maintenance Mechanics, Machinery	475	13.92	14.54	12.48 - 15.08	-	-	-	-	-	-	-	-	8	10	3	7	2	33	35	-	2	-	(²)	-	-	-	-		
Private industry	453	13.89	14.39	12.48 - 15.08	-	-	-	-	-	-	-	-	8	11	3	6	2	34	34	-	2	-	(²)	-	-	-	-		
Goods-producing industries	427	13.96	14.58	12.48 - 15.08	-	-	-	-	-	-	-	-	8	11	1	4	-	36	36	-	2	-	-	-	-	-	-		
Manufacturing	425	13.97	14.58	12.48 - 15.08	-	-	-	-	-	-	-	-	8	11	1	4	-	36	36	-	2	-	-	-	-	-	-		
Maintenance Mechanics, Motor Vehicle	529	14.02	13.53	11.75 - 15.30	-	-	-	-	-	(²)	(²)	(²)	2	6	18	11	20	16	4	9	2	-	4	7	-	-	-		
Private industry	324	14.50	13.60	11.75 - 16.45	-	-	-	-	-	-	-	1	5	20	8	19	14	1	12	2	-	5	12	-	-	-	-		
Goods-producing industries	90	12.18	11.55	11.50 - 13.25	-	-	-	-	-	-	-	4	7	40	14	23	7	4	-	-	-	-	-	-	-	-	-		
Service-producing industries:																													
Transportation and utilities	172	15.78	16.45	12.50 - 19.63	-	-	-	-	-	-	-	-	-	5	17	3	21	-	-	22	-	-	9	22	-	-	-		
State and local government	205	13.26	13.32	11.80 - 14.53	-	-	-	-	-	(²)	(²)	(²)	3	8	15	16	20	19	9	5	-	-	2	-	-	-	-		
Tool and Die Makers	69	16.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	17	48	14	-	-	-	-	-			
Private industry	69	16.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	17	48	14	-	-	-	-	-			
Goods-producing industries	69	16.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	17	48	14	-	-	-	-	-			
Manufacturing	69	16.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	17	48	14	-	-	-	-	-			

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

² Less than 0.5 percent.

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

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	4.25 and under 4.50	4.50 - 4.75	4.75 - 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	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	
Forklift Operators	665	\$8.94	\$9.10	\$7.30 - \$9.85	-	-	1	1	3	9	-	22	5	4	5	30	2	9	11	-	-	-	-	-	-	-	-	-
Private industry	665	8.94	9.10	7.30 - 9.85	-	-	1	1	3	9	-	22	5	4	5	30	2	9	11	-	-	-	-	-	-	-	-	
Service-producing industries	196	9.40	9.25	8.25 - 11.35	-	-	-	-	-	5	-	-	16	14	12	20	3	24	5	-	-	-	-	-	-	-	-	
Guards																												
Level I	2,797	5.78	5.40	5.00 - 6.25	9	6	6	29	18	9	5	6	3	3	2	2	1	1	(²)	(²)	(²)	-	-	-	-	-	-	
Private industry	2,591	5.53	5.25	5.00 - 6.00	10	7	7	31	20	9	5	6	3	2	1	(²)	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	2,554	5.50	5.25	5.00 - 6.00	10	7	7	32	20	10	4	6	3	2	1	(²)	-	-	-	-	-	-	-	-	-	-	-	
State and local government	206	8.97	8.66	8.25 - 9.54	-	-	-	-	(²)	5	1	6	4	27	12	25	8	8	1	(²)	2	-	-	-	-	-	-	
Janitors	5,980	6.26	5.83	5.00 - 7.18	5	10	4	22	11	10	9	11	3	4	3	4	4	(²)	-	-	-	-	-	-	-	-	-	
Private industry	4,225	5.57	5.25	4.75 - 6.13	8	14	5	30	14	9	8	6	2	2	1	1	(²)	(²)	-	-	-	-	-	-	-	-	-	
Goods-producing industries	155	7.28	6.83	6.50 - 8.25	-	5	-	12	3	4	32	6	-	16	-	21	1	-	-	-	-	-	-	-	-	-	-	
Manufacturing	153	7.30	6.83	6.50 - 8.25	-	5	-	12	3	3	32	7	-	16	-	21	1	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	4,070	5.51	5.25	4.75 - 6.00	8	14	6	31	14	10	7	6	2	1	1	(²)	-	(²)	-	-	-	-	-	-	-	-	-	
State and local government	1,755	7.92	7.34	6.67 - 9.04	-	-	(²)	(²)	5	13	11	25	5	9	7	10	15	(²)	-	-	-	-	-	-	-	-	-	
Material Handling Laborers	316	9.47	8.81	7.60 - 11.16	1	-	-	1	4	7	3	7	14	8	13	14	5	2	4	8	11	-	-	-	-	-	-	
Private industry	289	9.52	8.81	7.60 - 11.28	1	-	-	1	4	7	2	6	15	7	13	13	4	1	4	8	12	-	-	-	-	-	-	
Goods-producing industries	120	8.33	8.11	7.60 - 9.43	2	-	-	2	2	2	-	-	35	10	12	22	7	3	-	-	-	-	-	-	-	-	-	
Manufacturing	120	8.33	8.11	7.60 - 9.43	2	-	-	2	2	2	-	-	35	10	12	22	7	3	-	-	-	-	-	-	-	-	-	
Service-producing industries	169	10.36	9.25	7.25 - 13.46	-	-	-	-	5	11	4	10	-	5	14	6	2	-	7	14	21	-	-	-	-	-	-	
Shipping/Receiving Clerks	425	9.20	8.93	7.30 - 10.75	-	-	-	-	4	8	15	4	14	7	17	11	13	6	(²)	2	-	-	-	-	-	-	-	
Private industry	367	9.12	8.93	7.25 - 10.75	-	-	-	-	4	8	16	4	11	7	18	11	15	6	-	-	-	-	-	-	-	-	-	
Goods-producing industries	141	8.97	8.49	7.25 - 10.78	-	-	-	-	11	6	16	8	11	-	15	10	21	3	-	-	-	-	-	-	-	-	-	
Manufacturing	141	8.97	8.49	7.25 - 10.78	-	-	-	-	11	6	16	8	11	-	15	10	21	3	-	-	-	-	-	-	-	-	-	
Service-producing industries	226	9.21	9.03	7.31 - 10.75	-	-	-	-	-	10	17	2	11	11	20	12	11	8	-	-	-	-	-	-	-	-	-	
State and local government	58	9.70	8.86	8.00 - 10.80	-	-	-	-	2	3	5	7	31	9	10	9	3	5	3	12	-	-	-	-	-	-	-	
Truckdrivers																												
Light Truck	164	6.14	6.00	5.75 - 6.00	-	-	-	13	24	40	16	-	-	1	2	4	1	-	-	-	-	-	-	-	-	-	-	
Private industry	155	5.96	6.00	5.75 - 6.00	-	-	-	14	25	43	17	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Service-producing industries	153	5.92	6.00	5.75 - 6.00	-	-	-	14	25	43	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Medium Truck:																												
Private industry:																												
Service-producing industries	1,810	13.04	10.72	8.29 - 19.42	-	-	-	-	5	1	2	3	15	6	9	10	3	-	-	1	16	-	-	-	-	30	-	
Heavy Truck:																												
State and local government	179	13.09	12.73	12.03 - 14.05	-	-	-	-	-	-	-	-	2	1	-	3	9	5	49	2	14	1	-	12	-	1	-	
Tractor Trailer	668	12.06	13.03	8.82 - 13.03	-	-	-	-	-	-	(²)	1	5	7	12	4	5	2	8	31	17	-	-	-	-	6	-	
Private industry	591	12.31	13.03	8.75 - 14.45	-	-	-	-	-	-	-	2	6	7	11	(²)	5	2	5	35	19	-	-	-	-	7	-	
Goods-producing industries	146	8.84	8.40	7.75 - 8.65	-	-	-	-	-	-	-	7	24	20	28	-	6	4	11	-	-	-	-	-	-	-	-	
Service-producing industries	445	13.45	13.03	13.03 - 14.45	-	-	-	-	-	-	-	-	-	2	6	(²)	5	1	4	47	25	-	-	-	-	9	-	

See footnotes at end of table.

Table A-5. All establishments: Hourly pay of material movement and custodial occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																							
		Mean	Median	Middle range	4.25 and under 4.50	4.50 - 4.75	4.75 - 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	10.00 - 11.00	11.00 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 - 15.00	15.00 - 16.00	16.00 - 17.00	17.00 - 18.00	18.00 - 19.00	19.00 - 20.00	20.00 - 21.00	
Warehouse Specialists	3,081	\$8.56	\$8.00	\$6.75 - \$9.85	-	-	-	1	8	11	8	12	9	11	6	8	1	18	(²)	1	4	(²)	-	-	-	-	1	(²)
Private industry	3,022	8.52	8.00	6.75 - 9.56	-	-	-	1	8	12	8	11	9	11	7	9	1	18	-	1	4	-	-	-	-	-	1	(²)
Goods-producing industries	304	8.81	8.75	7.32 - 9.50	-	-	-	-	-	7	7	11	10	1	27	19	1	13	-	4	-	-	-	-	-	-	-	-
Manufacturing	280	8.96	8.75	7.73 - 9.50	-	-	-	-	-	8	7	4	11	1	29	21	1	14	-	4	-	-	-	-	-	-	-	-
Service-producing industries	2,718	8.49	7.80	6.69 - 9.85	-	-	-	1	9	12	8	11	9	12	4	7	1	18	-	(²)	4	-	-	-	-	-	1	(²)
State and local government	59	10.18	10.84	7.42 - 12.68	-	-	-	-	-	2	10	22	-	12	-	-	7	20	7	10	2	8	-	-	-	-	-	-

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

² Less than 0.5 percent.

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

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	Under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700		
PROFESSIONAL OCCUPATIONS																											
Accountants																											
Level II	391	40.0	\$612	\$596	\$560 - \$652	(³)	1	2	6	12	33	20	7	5	9	2	1	-	-	-	-	-	-	-	-	-	-
State and local government	122	40.0	595	594	488 - 665	1	3	7	14	10	20	11	11	8	7	4	2	-	-	-	-	-	-	-	-	-	-
Level III	260	40.0	728	680	652 - 824	-	-	2	2	3	4	7	36	10	8	8	7	11	1	1	-	-	-	-	-	-	-
Private industry	185	40.0	741	680	654 - 824	-	-	-	-	-	1	3	49	13	6	8	9	9	1	1	-	-	-	-	-	-	-
Service-producing industries	153	40.0	734	680	654 - 806	-	-	-	-	-	1	1	58	10	3	8	7	8	1	1	-	-	-	-	-	-	-
State and local government	75	40.0	697	684	579 - 823	-	-	5	7	11	11	15	4	4	12	11	4	16	1	-	-	-	-	-	-	-	-
Level IV	135	40.0	1,016	1,011	980 - 1,073	-	-	-	1	2	-	1	-	1	1	4	4	14	50	15	5	1	1	1	1	-	-
Private industry	96	40.0	1,053	1,018	1,011 - 1,100	-	-	-	-	-	-	-	-	-	-	3	-	19	52	17	6	1	-	2	-	-	-
Service-producing industries	78	40.0	1,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	56	17	8	-	-	3	-	-	-
State and local government	39	40.0	925	-	-	-	-	-	5	8	-	3	-	3	3	5	13	3	44	10	3	-	3	-	-	-	-
Attorneys																											
Level III	75	40.0	1,259	-	-	-	-	-	-	-	-	-	-	3	-	-	-	7	51	9	5	19	4	3	-	-	-
State and local government	36	39.9	1,252	-	-	-	-	-	-	-	-	-	-	6	-	-	-	8	31	19	11	22	3	-	-	-	-
Engineers																											
Level I	115	40.0	679	692	635 - 728	-	-	-	-	12	2	17	25	30	6	8	-	-	-	-	-	-	-	-	-	-	-
Private industry	78	40.0	694	-	-	-	-	-	-	5	-	13	35	35	4	9	-	-	-	-	-	-	-	-	-	-	-
Goods-producing industries	66	40.0	695	-	-	-	-	-	-	6	-	12	38	29	5	11	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	66	40.0	695	-	-	-	-	-	-	6	-	12	38	29	5	11	-	-	-	-	-	-	-	-	-	-	-
State and local government	37	40.0	648	-	-	-	-	-	-	27	5	24	5	22	11	5	-	-	-	-	-	-	-	-	-	-	-
Level II	373	40.0	811	808	721 - 900	-	-	-	-	-	3	9	7	10	15	18	13	18	7	-	-	-	-	-	-	-	-
Private industry	260	40.0	829	833	769 - 911	-	-	-	-	-	-	8	5	10	14	22	13	22	7	-	-	-	-	-	-	-	-
Goods-producing industries	226	40.0	822	824	758 - 904	-	-	-	-	-	-	9	5	10	15	20	13	21	7	-	-	-	-	-	-	-	-
Manufacturing	226	40.0	822	824	758 - 904	-	-	-	-	-	-	9	5	10	15	20	13	21	7	-	-	-	-	-	-	-	-
State and local government	113	40.0	770	756	659 - 872	-	-	-	-	70	10	13	12	12	17	8	12	10	7	-	-	-	-	-	-	-	-
Level III	552	40.0	1,001	1,003	906 - 1,095	-	-	-	-	-	-	-	2	3	3	4	11	25	28	17	6	1	-	-	-	-	-
Private industry	429	40.0	1,024	1,029	942 - 1,106	-	-	-	-	-	-	-	1	1	2	3	9	28	31	21	5	1	-	-	-	-	-
Goods-producing industries	313	40.0	998	990	915 - 1,084	-	-	-	-	-	-	1	1	3	3	12	30	30	17	3	-	-	-	-	-	-	-
Manufacturing	313	40.0	998	990	915 - 1,084	-	-	-	-	-	-	1	1	3	3	12	30	30	17	3	-	-	-	-	-	-	-
State and local government	123	39.9	920	899	816 - 1,023	-	-	-	-	-	-	6	11	7	9	19	15	20	6	7	-	-	-	-	-	-	-
Level IV	446	40.0	1,204	1,182	1,099 - 1,317	-	-	-	-	-	-	-	-	-	1	1	1	2	21	29	18	16	8	3	1	-	-
Private industry	388	40.0	1,224	1,198	1,115 - 1,327	-	-	-	-	-	-	-	-	-	-	-	1	20	30	20	16	9	3	1	-	-	-
Goods-producing industries	274	40.0	1,163	1,139	1,089 - 1,238	-	-	-	-	-	-	-	-	-	-	-	1	28	38	20	12	1	-	-	-	-	-
Manufacturing	274	40.0	1,163	1,139	1,089 - 1,238	-	-	-	-	-	-	-	-	-	-	-	1	28	38	20	12	1	-	-	-	-	-
State and local government	58	40.0	1,070	1,084	954 - 1,122	-	-	-	-	1,070	-	-	-	-	9	7	5	9	26	22	9	14	-	-	-	-	-
Level V	291	40.0	1,335	1,309	1,229 - 1,484	-	-	-	-	-	-	-	-	-	-	2	1	1	3	10	31	13	14	17	7	-	-
Private industry	241	40.0	1,369	1,358	1,239 - 1,517	-	-	-	-	-	-	-	-	-	-	-	2	2	2	10	27	15	16	20	8	-	-
Goods-producing industries	172	40.0	1,319	1,276	1,220 - 1,458	-	-	-	-	-	-	-	-	-	-	-	2	2	3	13	38	15	9	11	8	-	-
Manufacturing	172	40.0	1,319	1,276	1,220 - 1,458	-	-	-	-	-	-	-	-	-	-	-	2	2	3	13	38	15	9	11	8	-	-
State and local government	50	40.0	1,169	1,226	1,084 - 1,277	-	-	-	-	-	-	-	-	-	-	12	-	8	8	12	50	4	4	2	-	-	-

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996
— Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	Under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700		
ADMINISTRATIVE OCCUPATIONS																											
Budget Analysts																											
Level III:																											
State and local government	25	40.0	\$831	-	- - -	-	-	-	-	-	-	-	-	28	4	8	8	20	28	4	-	-	-	-	-	-	-
Buyers/Contracting Specialists																											
Level I																											
State and local government	28	40.0	480	-	- - -	-	16	13	13	27	19	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II																											
Private industry	161	39.9	709	\$735	\$626 - \$765	-	-	1	6	4	9	11	14	28	14	4	1	6	1	3	-	-	-	-	-	-	-
Goods-producing industries	115	40.0	745	737	684 - 769	-	-	-	-	2	8	10	10	37	14	6	-	8	1	4	-	-	-	-	-	-	-
Manufacturing	76	40.0	749	-	- - -	-	-	-	-	3	9	11	14	21	21	4	-	9	1	7	-	-	-	-	-	-	-
State and local government	76	40.0	749	-	- - -	-	-	-	-	3	9	11	14	21	21	4	-	9	1	7	-	-	-	-	-	-	-
State and local government	46	39.7	617	616	519 - 685	-	-	2	20	11	13	11	24	4	13	-	2	-	-	-	-	-	-	-	-	-	-
Level III																											
Private industry	72	40.0	843	-	- - -	-	-	-	-	-	-	6	10	14	28	3	8	13	6	14	-	-	-	-	-	-	-
Goods-producing industries	67	40.0	830	-	- - -	-	-	-	-	-	-	6	9	15	30	3	9	13	6	9	-	-	-	-	-	-	-
Manufacturing	65	40.0	821	-	- - -	-	-	-	-	-	-	6	9	15	31	3	9	14	6	6	-	-	-	-	-	-	-
Manufacturing	65	40.0	821	-	- - -	-	-	-	-	-	-	6	9	15	31	3	9	14	6	6	-	-	-	-	-	-	-
Computer Programmers																											
Level II																											
State and local government	679	40.0	732	755	644 - 820	-	-	(³)	2	3	4	16	12	11	18	21	9	4	-	-	-	-	-	-	-	-	-
State and local government	58	39.7	550	514	499 - 593	-	-	3	28	29	19	10	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Level III																											
Private industry	654	40.0	813	847	737 - 893	-	-	-	-	2	4	4	6	12	10	14	24	19	4	-	-	-	-	-	-	-	-
Private industry	552	40.0	843	863	782 - 904	-	-	-	-	-	(³)	1	6	12	10	16	29	22	5	-	-	-	-	-	-	-	-
State and local government	102	40.0	652	611	577 - 718	-	-	-	-	12	25	25	7	11	11	7	1	2	-	-	-	-	-	-	-	-	-
Computer Systems Analysts																											
Level I:																											
State and local government	70	39.8	737	690	627 - 844	-	-	-	-	9	11	14	20	4	7	10	6	11	7	-	-	-	-	-	-	-	-
Level II																											
Private industry	966	40.0	951	945	879 - 1,008	-	-	-	-	-	-	2	2	2	3	8	16	38	15	10	4	1	(³)	-	-	-	-
Private industry	811	40.0	974	951	896 - 1,023	-	-	-	-	-	-	-	(³)	-	2	8	16	42	16	12	3	1	(³)	-	-	-	-
Service-producing industries	687	40.0	984	962	912 - 1,052	-	-	-	-	-	-	-	(³)	-	1	6	15	44	15	14	4	1	(³)	-	-	-	-
State and local government	155	40.0	833	814	703 - 959	-	-	-	-	-	-	14	9	12	10	10	14	17	8	-	5	-	-	-	-	-	-
Level III																											
Private industry	648	40.0	1,138	1,156	1,077 - 1,213	-	-	-	-	-	-	-	-	-	(³)	(³)	1	11	22	39	26	1	-	-	-	-	
Private industry	631	40.0	1,144	1,156	1,081 - 1,213	-	-	-	-	-	-	-	-	-	-	-	-	10	22	40	26	1	-	-	-	-	
State and local government	17	39.4	915	895	815 - 935	-	-	-	-	-	-	-	-	-	-	18	12	29	6	-	12	-	-	-	-	-	
Computer Systems Analyst Supervisors/Managers																											
Level I:																											
State and local government	12	40.0	1,167	-	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	67	8	-	-	-	-	

See footnotes at end of table.

Table A-6. Establishments employing 500 workers or more: Weekly hours and pay of professional and administrative occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996
— Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	Under 350	350 - 400	400 - 450	450 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700		
Personnel Specialists																											
Level I	91	40.0	\$498	\$512	\$461 - \$536	1	15	7	5	63	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	149	40.0	587	615	501 - 635	-	1	8	16	15	9	30	8	8	1	2	1	1	-	-	-	-	-	-	-	-	-
Private industry	113	40.0	587	615	518 - 630	-	-	6	15	14	11	36	9	7	1	1	-	-	-	-	-	-	-	-	-	-	-
Service-producing industries	105	40.0	581	615	510 - 623	-	-	7	16	15	10	37	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-
State and local government	36	39.9	587	-	- - -	-	3	14	19	17	6	11	6	11	3	6	3	3	-	-	-	-	-	-	-	-	-
Level III	134	39.8	788	823	691 - 900	-	-	-	4	1	3	9	9	10	12	7	13	31	-	1	-	-	-	-	-	-	-
Private industry	89	40.0	830	868	756 - 900	-	-	-	-	-	2	9	2	8	10	10	16	43	-	-	-	-	-	-	-	-	-
Service-producing industries	67	40.0	835	-	- - -	-	-	-	-	-	3	12	3	1	9	9	6	57	-	-	-	-	-	-	-	-	-
State and local government	45	39.5	704	696	627 - 768	-	-	-	11	4	4	9	22	13	16	2	9	7	-	2	-	-	-	-	-	-	-
Level IV	139	40.0	959	895	894 - 1,106	-	-	-	-	-	2	1	4	1	5	6	32	12	9	14	9	2	-	-	-	-	-
Private industry	117	40.0	955	895	894 - 1,067	-	-	-	-	-	2	2	5	-	2	6	38	13	8	15	9	-	-	-	-	-	-
Service-producing industries	95	40.0	949	895	894 - 1,106	-	-	-	-	-	2	2	6	-	2	7	35	12	7	19	7	-	-	-	-	-	-
Tax Collectors																											
Level II	12	40.0	447	-	- - -	-	25	42	17	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State and local government	12	40.0	447	-	- - -	-	25	42	17	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

³ Less than 0.5 percent.

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

Table A-7. Establishments employing 500 workers or more: Weekly hours and pay of technical and protective service occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																					
			Mean	Median	Middle range	300 and under 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1100	1100 - 1200		
TECHNICAL OCCUPATIONS																											
Computer Operators																											
Level II:																											
State and local government	41	39.8	\$442	\$426	\$388 - \$458	-	-	10	27	7	17	20	7	2	5	-	5	-	-	-	-	-	-	-	-	-	-
Level III:																											
State and local government	31	40.0	557	-	- - -	-	-	-	-	-	6	26	16	13	3	13	6	10	6	-	-	-	-	-	-	-	-
Drafters																											
Level II:																											
State and local government	27	40.0	475	478	430 - 533	-	-	7	7	7	22	-	30	11	-	15	-	-	-	-	-	-	-	-	-	-	-
Engineering Technicians																											
Level III																											
Private industry	136	40.0	587	582	548 - 623	-	-	-	-	1	3	-	1	21	38	21	7	7	-	-	-	-	-	-	-	-	-
Level III																											
Private industry	130	40.0	594	584	558 - 627	-	-	-	-	-	-	-	2	22	40	22	8	7	-	-	-	-	-	-	-	-	-
Engineering Technicians, Civil																											
Level I:																											
State and local government	33	40.0	376	-	- - -	27	9	18	9	9	15	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II																											
State and local government	95	40.0	444	427	382 - 512	6	5	9	18	9	13	6	7	11	4	11	-	-	-	-	-	-	-	-	-	-	-
Level II																											
State and local government	95	40.0	444	427	382 - 512	6	5	9	18	9	13	6	7	11	4	11	-	-	-	-	-	-	-	-	-	-	-
Level III																											
State and local government	165	40.0	580	562	499 - 654	-	-	-	-	7	7	5	7	16	24	8	7	16	-	4	-	-	-	-	-	-	-
Level III																											
State and local government	165	40.0	580	562	499 - 654	-	-	-	-	7	7	5	7	16	24	8	7	16	-	4	-	-	-	-	-	-	-
Level IV																											
State and local government	166	39.9	653	652	550 - 712	-	-	-	-	1	2	5	5	10	17	10	17	14	4	4	2	7	1	-	1	-	1
Level IV																											
State and local government	166	39.9	653	652	550 - 712	-	-	-	-	1	2	5	5	10	17	10	17	14	4	4	2	7	1	-	1	-	1
PROTECTIVE SERVICE OCCUPATIONS																											
Firefighters																											
State and local government	864	51.8	545	512	458 - 684	-	-	7	12	3	2	6	18	13	4	5	15	15	-	-	-	-	-	-	-	-	-
State and local government																											
State and local government	864	51.8	545	512	458 - 684	-	-	7	12	3	2	6	18	13	4	5	15	15	-	-	-	-	-	-	-	-	-
Police Officers																											
Level I																											
State and local government	1,827	40.7	673	665	578 - 750	-	-	-	1	(³)	4	1	2	3	24	13	8	15	13	9	9	-	-	-	-	-	-
Level I																											
State and local government	1,827	40.7	673	665	578 - 750	-	-	-	1	(³)	4	1	2	3	24	13	8	15	13	9	9	-	-	-	-	-	-

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

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

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

³ Less than 0.5 percent.

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

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																		
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800
Clerks, Accounting																								
Level I:																								
State and local government	16	39.7	\$303	\$302	\$287 - \$309	-	6	38	50	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
Level II																								
Private industry	779	40.0	357	352	312 - 378	1	3	13	21	11	22	13	2	3	3	3	4	(³)	1	-	-	-	-	-
Goods-producing industries	588	40.0	343	341	304 - 371	1	4	15	24	10	25	13	1	2	2	1	1	(³)	-	-	-	-	-	-
Manufacturing	123	40.0	356	352	317 - 380	-	-	12	20	15	28	12	-	5	7	2	-	-	-	-	-	-	-	-
Service-producing industries	123	40.0	356	352	317 - 380	-	-	12	20	15	28	12	-	5	7	2	-	-	-	-	-	-	-	-
State and local government	465	40.0	339	334	304 - 371	1	5	15	26	8	25	14	1	1	1	1	2	(³)	-	-	-	-	-	-
Level III																								
Private industry:	191	39.9	400	382	340 - 472	-	1	6	11	15	11	11	7	7	7	8	13	-	4	-	-	-	-	-
Goods-producing industries	760	39.9	397	378	347 - 433	-	(³)	2	14	15	19	8	14	10	4	4	4	2	3	(³)	1	-	-	-
Manufacturing	97	40.0	435	433	396 - 460	-	-	-	-	-	6	24	4	32	18	3	9	4	-	-	-	-	-	-
State and local government	97	40.0	435	433	396 - 460	-	-	-	-	-	6	24	4	32	18	3	9	4	-	-	-	-	-	-
Level IV	328	39.8	402	372	347 - 458	-	(³)	3	14	9	25	10	7	5	3	6	6	2	6	-	2	-	-	-
State and local government	142	39.9	528	519	439 - 611	-	-	-	-	1	1	4	15	7	9	9	5	4	9	5	17	4	10	-
Level IV																								
State and local government	109	40.0	513	479	423 - 607	-	-	-	-	2	2	5	19	8	10	10	5	-	7	5	15	2	11	-
Clerks, General																								
Level I:																								
State and local government	74	40.0	314	294	286 - 330	-	11	53	7	9	8	3	3	1	5	-	-	-	-	-	-	-	-	-
Level II:																								
State and local government	322	40.0	334	330	305 - 358	5	10	10	19	29	7	7	8	2	2	1	1	-	-	-	-	-	-	-
Level III																								
State and local government	1,181	40.0	350	338	287 - 403	6	16	9	12	12	13	6	5	3	16	1	1	(³)	-	-	-	-	-	-
State and local government	761	40.0	349	353	297 - 393	5	14	7	11	11	20	9	7	5	7	1	1	(³)	-	-	-	-	-	-
Level IV																								
State and local government	334	40.0	376	360	314 - 420	-	-	15	19	12	12	12	8	6	7	3	1	2	1	1	1	(³)	1	-
Key Entry Operators																								
Level II:																								
State and local government	78	39.9	370	337	320 - 400	-	-	-	29	26	12	8	8	3	9	3	-	-	-	4	-	-	-	-
Personnel Assistants (Employment)																								
Level II																								
State and local government	110	39.8	419	415	361 - 450	-	-	5	2	2	34	2	8	2	31	5	-	1	3	7	-	-	-	-
State and local government	46	39.7	447	439	370 - 548	-	-	2	4	4	17	4	15	4	15	7	-	2	7	17	-	-	-	-
Level III																								
State and local government	56	39.4	524	-	- -	-	-	-	-	4	2	4	13	-	7	13	16	7	5	5	5	20	-	-
State and local government	50	39.4	535	520	476 - 638	-	-	-	-	4	2	4	6	-	8	12	16	8	6	6	6	22	-	-

See footnotes at end of table.

Table A-8. Establishments employing 500 workers or more: Weekly hours and pay of clerical occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996 — Continued

Occupation and level	Number of workers	Average weekly hours ¹ (standard)	Weekly pay (in dollars) ²			Percent of workers receiving straight-time weekly pay (in dollars) of—																		
			Mean	Median	Middle range	225 and under 250	250 - 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800
Secretaries																								
Level I	1,284	40.0	\$369	\$352	\$315 - \$417	(³)	1	14	20	14	11	7	12	8	3	3	3	1	2	(³)	(³)	-	-	-
Private industry	538	40.0	382	385	326 - 420	-	-	5	16	9	17	9	22	12	3	5	(³)	(³)	-	-	-	-	-	-
Service-producing industries	484	40.0	377	370	326 - 420	-	-	6	18	10	19	8	20	11	2	5	-	(³)	-	-	-	-	-	-
State and local government	746	40.0	359	330	305 - 401	(³)	1	21	23	18	6	6	5	6	3	2	4	2	3	1	(³)	-	-	-
Level II	902	39.9	426	404	367 - 475	-	(³)	(³)	7	9	14	19	6	8	12	6	6	2	2	3	5	(³)	-	-
Private industry	324	40.0	417	385	380 - 462	-	1	1	4	8	11	29	6	4	20	6	6	1	1	(³)	2	1	-	-
Service-producing industries	269	40.0	406	382	371 - 453	-	1	1	4	9	14	35	7	3	15	5	2	1	1	(³)	2	1	-	-
State and local government	578	39.9	431	410	360 - 494	-	-	-	9	10	15	13	6	10	7	6	3	2	4	7	(³)	-	-	-
Level III	749	39.9	507	500	443 - 555	-	-	-	(³)	-	1	3	16	8	9	11	19	5	6	8	5	5	2	1
Private industry	465	40.0	498	500	443 - 523	-	-	-	-	-	(³)	(³)	20	8	9	11	28	5	5	4	4	5	(³)	1
Service-producing industries	426	40.0	493	492	443 - 523	-	-	-	-	-	(³)	(³)	22	8	9	11	29	3	3	2	4	5	(³)	1
State and local government	284	39.7	520	503	437 - 582	-	-	-	(³)	-	2	7	9	9	9	12	5	6	8	13	8	4	6	1
Level IV	306	39.9	591	570	502 - 651	-	-	-	-	-	-	-	-	2	3	21	19	2	5	4	19	7	6	13
Private industry	230	40.0	590	548	502 - 649	-	-	-	-	-	-	-	-	-	-	24	24	2	3	3	20	6	6	13
State and local government	76	39.4	593	578	493 - 659	-	-	-	-	-	-	-	-	7	11	9	4	4	12	9	16	11	5	13
Switchboard Operator-Receptionists																								
Level I	172	39.9	321	314	275 - 350	12	13	16	19	16	6	1	3	9	-	2	-	1	-	-	-	-	-	-
Private industry	86	40.0	325	319	289 - 353	16	1	14	29	14	8	2	-	14	-	1	-	-	-	-	-	-	-	-
State and local government	86	39.9	318	297	266 - 350	7	26	19	9	19	5	-	7	5	-	3	-	1	-	-	-	-	-	-
Word Processors																								
Level I	267	39.9	313	308	290 - 329	-	-	39	35	17	4	3	1	1	(³)	-	-	-	-	-	-	-	-	-

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

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

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

³ Less than 0.5 percent.

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

Table A-9. Establishments employing 500 workers or more: Hourly pay of maintenance and toolroom occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																								
		Mean	Median	Middle range	6.00 and under 6.50	6.50 7.00	7.00 7.50	7.50 8.00	8.00 8.50	8.50 9.00	9.00 9.50	9.50 10.00	10.00 10.50	10.50 11.00	11.00 12.00	12.00 13.00	13.00 14.00	14.00 15.00	15.00 16.00	16.00 17.00	17.00 18.00	18.00 19.00	19.00 20.00	20.00 21.00	21.00 22.00	22.00 23.00	23.00 and over		
General Maintenance Workers	404	\$10.50	\$10.52	\$8.74 – \$11.68	3	(²)	3	5	10	7	7	6	8	11	19	7	5	5	4	–	–	–	–	–	–	–	–	–	–
Private industry	239	9.68	9.73	8.25 – 11.08	5	(²)	5	6	15	8	6	7	9	10	20	7	2	–	–	–	–	–	–	–	–	–	–	–	
Service-producing industries	174	9.21	9.01	8.08 – 10.48	7	1	7	8	18	9	8	6	12	8	13	3	–	–	–	–	–	–	–	–	–	–	–	–	
State and local government	165	11.69	11.43	9.98 – 13.33	–	–	–	5	4	5	8	4	6	11	16	8	11	12	10	–	–	–	–	–	–	–	–	–	
Maintenance Electricians	226	16.46	15.94	12.18 – 21.14	–	–	–	–	–	–	(²)	1	7	7	8	7	9	5	7	3	2	2	2	3	38	(²)	–		
Private industry	144	18.12	21.14	14.47 – 21.14	–	–	–	–	–	–	–	–	9	3	5	4	3	1	6	–	3	1	1	3	58	1	–		
State and local government	82	13.54	13.24	11.36 – 14.95	–	–	–	–	–	–	–	1	4	2	12	12	12	21	11	7	9	–	2	4	1	1	–		
Maintenance Electronics Technicians																													
Level I	117	10.63	10.12	9.00 – 12.14	–	–	3	3	9	3	23	7	7	3	15	9	9	2	6	–	–	–	–	–	–	–	–	–	
State and local government	38	11.96	–	–	–	–	–	–	–	11	8	–	11	11	18	8	13	3	18	–	–	–	–	–	–	–	–	–	
Level II	191	14.22	13.62	12.18 – 16.37	–	–	–	–	–	3	2	–	2	–	15	14	20	12	4	7	5	3	13	–	–	–	–		
Private industry	88	12.88	13.13	11.00 – 14.14	–	–	–	–	–	5	–	–	5	–	27	9	27	16	5	5	2	–	–	–	–	–	–		
State and local government	103	15.37	14.84	12.67 – 18.75	–	–	–	–	–	2	4	–	–	–	4	17	15	9	4	10	8	5	23	–	–	–	–		
Level III	93	17.96	18.45	15.55 – 20.00	–	–	–	–	–	–	–	–	–	–	6	6	3	4	8	6	12	10	17	12	5	3	6		
Maintenance Mechanics, Machinery	206	13.48	15.12	10.10 – 15.94	–	–	–	–	–	–	–	17	17	6	–	–	1	5	50	–	1	–	1	–	–	–	–		
Maintenance Mechanics, Motor Vehicle ...	289	15.08	14.53	12.53 – 16.45	–	–	–	–	(²)	(²)	(²)	2	4	(²)	11	9	13	14	8	17	–	–	7	13	–	–	–		
Private industry	118	17.66	16.45	16.45 – 20.79	–	–	–	–	–	–	–	–	1	–	1	2	9	6	3	32	–	–	14	32	–	–	–		
Service-producing industries	108	17.98	18.04	16.45 – 20.79	–	–	–	–	–	–	–	–	1	–	1	2	5	6	–	35	–	–	15	35	–	–	–		
Transportation and utilities	92	18.80	19.63	16.45 – 20.79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	41	–	–	17	41	–	–	–		
State and local government	171	13.30	13.24	11.75 – 14.53	–	–	–	–	1	1	–	4	6	1	18	13	16	20	11	6	–	–	2	–	–	–	–		

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

² Less than 0.5 percent.

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

Table A-10. Establishments employing 500 workers or more: Hourly pay of material movement and custodial occupations, Tampa-St. Petersburg-Clearwater, FL, July 1996

Occupation and level	Number of workers	Hourly pay (in dollars) ¹			Percent of workers receiving straight-time hourly pay (in dollars) of—																					
		Mean	Median	Middle range	4.75 and under 5.00	5.00 - 5.25	5.25 - 5.50	5.50 - 5.75	5.75 - 6.00	6.00 - 6.25	6.25 - 6.50	6.50 - 6.75	6.75 - 7.00	7.00 - 7.50	7.50 - 8.00	8.00 - 8.50	8.50 - 9.00	9.00 - 9.50	9.50 - 10.00	10.00 - 10.50	10.50 - 11.00	11.00 - 11.50	11.50 - 12.00	12.00 - 13.00	13.00 - 14.00	14.00 and over
Forklift Operators	145	\$9.14	\$10.75	\$6.30 - \$11.35	-	-	-	-	8	8	25	-	-	-	-	1	3	-	-	4	3	32	9	7	-	-
Private industry	145	9.14	10.75	6.30 - 11.35	-	-	-	-	8	8	25	-	-	-	-	1	3	-	-	4	3	32	9	7	-	-
Guards	446	8.00	7.88	6.90 - 8.82	-	-	-	1	3	3	9	5	9	11	11	15	10	9	4	2	1	3	(²)	(²)	(²)	1
Level I	240	7.17	6.97	6.49 - 7.72	-	-	-	2	5	4	14	10	15	15	17	5	9	3	-	-	-	-	-	-	-	-
Private industry	205	7.17	6.97	6.49 - 7.78	-	-	-	3	4	5	17	6	16	16	5	9	3	-	-	-	-	-	-	-	-	-
Service-producing industries	206	8.97	8.66	8.25 - 9.54	-	-	-	-	(²)	2	3	-	1	6	4	27	12	17	9	5	2	7	(²)	1	(²)	2
State and local government	2,727	7.27	7.08	6.07 - 8.09	(²)	5	7	6	4	4	9	7	4	21	4	6	4	3	4	3	6	(²)	(²)	-	-	-
Private industry	1,021	6.19	5.89	5.35 - 6.94	(²)	14	20	12	8	6	8	5	6	13	4	1	1	1	2	-	-	(²)	-	-	-	-
Service-producing industries	965	6.11	5.86	5.35 - 6.78	(²)	14	19	13	8	6	9	5	7	13	4	1	1	1	-	-	-	(²)	-	-	-	-
State and local government	1,706	7.91	7.34	6.67 - 8.91	(²)	(²)	-	3	2	4	9	8	3	26	5	9	6	5	4	5	10	(²)	(²)	-	-	-
Material Handling Laborers	128	8.28	8.81	6.55 - 9.81	-	-	-	-	7	9	5	6	-	10	1	9	21	1	16	7	5	1	2	-	-	-
Private industry	101	8.10	8.81	6.31 - 9.58	-	-	-	-	9	12	6	7	-	7	-	8	24	-	15	9	4	-	-	-	-	-
Shipping/Receiving Clerks	204	9.18	8.88	7.39 - 10.43	-	-	-	-	6	(²)	5	7	6	4	15	10	4	16	1	6	-	1	12	1	3	
Private industry	146	8.97	8.92	7.00 - 9.76	-	-	-	-	8	-	6	10	7	3	8	11	4	20	1	7	-	1	15	-	-	
Goods-producing industries	55	8.57	-	- - -	-	-	-	-	-	-	22	-	-	15	-	-	15	-	38	-	4	-	7	-	-	
Manufacturing	55	8.57	-	- - -	-	-	-	-	-	-	22	-	-	15	-	-	15	-	38	-	4	-	7	-	-	
Service-producing industries	91	9.21	8.93	7.31 - 10.89	-	-	-	-	-	-	-	-	10	7	11	4	4	18	7	9	1	9	-	1	20	
State and local government	58	9.70	8.86	8.00 - 10.80	-	-	-	-	-	-	2	2	2	5	7	31	9	5	5	3	5	-	3	5	3	
Truckdrivers	241	13.78	14.45	11.18 - 14.60	-	-	-	-	-	-	-	-	(²)	-	(²)	2	8	8	4	1	-	1	-	10	(²)	⁴ 64
Tractor Trailer																										

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

² Less than 0.5 percent.

³ All workers were at \$14.00 and under \$15.00.

⁴ Workers were distributed as follows: 47 percent at \$14.00 and under \$15.00 and 17 percent at \$19.00 and under \$20.00.

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

Appendix A.

Scope and Method of Survey

Scope

This survey of the Tampa—St. Petersburg—Clearwater, FL Metropolitan Statistical Area covered establishments employing 50 workers or more in *goods producing industries* (mining, construction, and manufacturing); *service producing industries* (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments.¹ Private households, agriculture, the Federal Government, and the self-employed were excluded from the survey. Table 1 in this appendix shows the estimated number of establishments and workers within scope of the survey and the number actually included in the survey sample.

Sampling frame

The list of establishments from which the survey sample was selected (the sampling frame) was developed from the State unemployment insurance reports for the Tampa—St. Petersburg—Clearwater, FL Metropolitan Statistical Area (July 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 Tampa—St. Petersburg—Clearwater, FL Metropolitan Statistical Area. Collection for the survey was from May 1996 through November 1996 and reflects an average payroll reference month of July 1996. Data obtained for a payroll period prior to the end of July 1996 were updated to include general wage changes, if granted, scheduled to be effective through that date.

Occupational pay

Occupational pay data are shown for full-time workers, i.e., those hired to work a regular weekly schedule. Pay data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases—but not bonuses—under cost-of-living allowance clauses and incentive payments, however, are included in the pay data.

Unless otherwise indicated, the pay data following the job titles are for all industries combined. Pay data for some of the occupations for all industries combined (or for some industry divisions within the scope of the survey) are not presented in the A-series tables because either (1) data did not provide statistically reliable results, or (2) there was the possibility of disclosure of individual establishment data. Pay data not shown separately for industry divisions are included in data for all industries combined.

Average pay reflect areawide estimates. Industries and establishments differ in pay levels and job staffing, and thus contribute differently to the estimates for each job. Therefore, average pay may not reflect the pay differential among jobs within individual establishments. A-series tables provide distributions of workers by pay intervals

The *mean* is computed for each job by totaling the pay of all workers and dividing by the number of workers. The *median* designates position—one-half of the workers receive the same as or more and one-half receive the same as or less than the rate shown. The *middle range* is defined by two rates of pay; one-fourth of the workers earn the same as or less than the lower of these rates and one-fourth earn the same as or more than the higher rate. Medians and middle ranges are not provided when they do not meet reliability criteria.

Occupations surveyed are common to a variety of public and private industries, and were selected from the following employment groups: (1) Professional and administrative; (2) technical and protective service; (3) clerical; (4) maintenance and toolroom; and (5) material movement and custodial. Occupational classification was based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. Occupations selected for study are listed and described in appendix B, along with corresponding occupational codes and titles from the 1980 edition of the *Standard Occupational Classification Manual*. Job descriptions used to classify employees in this survey usually are more generalized than those used in individual establishments to allow for minor differences among establishments in specific duties performed.

Average weekly hours for professional, administrative, technical, protective service, and clerical occupations refer to the standard workweek (rounded to the nearest tenth of an hour) for which employees receive regular straight-time pay. Average weekly pay for these occupations are rounded to the nearest dollar.

Occupational employment estimates represent the total in all establishments within the scope of the study and not the number actually surveyed. Because occupational structures among establishments differ, estimates of occupational employment obtained from the sample of establishments studied serve only to indicate the relative importance of the jobs studied.

Survey nonresponse

Data were not available from 13.9 percent of the sample establishments (representing 91,466 employees covered by the survey). An additional 5.4 percent of the sample establishments (representing 24,175 employees) were either out of business or outside the scope of the survey.

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

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

Reliability of estimates

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

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

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

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

<i>Relative standard error</i>	<i>Percent of published occupational work levels</i>
Less than 1 percent	2.8
1 and under 3 percent	48.3
3 and under 5 percent	40.0
5 percent and over	8.9

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 13 percent of the 330 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, Tampa—St. Petersburg—Clearwater, FL*, BLS Bulletin 3075-31.

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, Tampa-St. Petersburg-Clearwater, FL¹, July 1996

Industry division ²	Number of establishments		Workers in establishments		
	Within scope of survey ³	Studied	Within scope of survey ⁴		Studied
			Number	Percent	
ALL ESTABLISHMENTS					
All divisions	1,977	247	537,534	100	196,354
Private industry	1,913	230	435,746	81	111,884
Goods producing	409	53	77,892	14	21,037
Manufacturing	270	42	64,337	12	19,594
Construction ⁵	136	9	13,268	2	1,229
Service producing	1,504	177	357,854	67	90,847
Transportation, communication, electric, gas, and sanitary services ⁶	95	15	26,678	5	12,893
Wholesale trade ⁷	133	15	18,915	4	4,363
Retail trade ⁷	340	23	88,718	17	25,044
Finance, insurance, and real estate ⁷	187	16	23,935	4	3,518
Services ⁷	749	108	199,608	37	45,029
State and local government	64	17	101,788	19	84,470
ESTABLISHMENTS EMPLOYING 500 WORKERS OR MORE					
All divisions	180	64	307,089	100	166,820
Private industry	164	53	215,187	70	83,914
Goods producing	32	11	31,490	10	13,875
Manufacturing	32	11	31,490	10	13,875
Service producing	132	42	183,697	60	70,039
Transportation, communication, electric, gas, and sanitary services ⁶	6	5	13,577	4	11,177
Retail trade ⁷	20	8	45,172	15	22,161
Services ⁷	98	25	116,528	38	32,531
State and local government	16	11	91,902	30	82,906

¹ The Tampa-St. Petersburg-Clearwater Metropolitan Statistical Area, as defined by the Office of Management and Budget through October 1984, consists of Hernando, Hillsborough, Pasco, and Pinellas 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.

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

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

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

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

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

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

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

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