

National Compensation Survey: Occupational Wages in the Pacific Census Division, 1998



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Preface

The National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, and detailed benefit provisions. It integrates three Bureau of Labor Statistics (BLS) programs—the Occupational Compensation Survey (OCS), the Employment Cost Index (ECI), and the Employee Benefits Survey (EBS). OCS provides data on occupational earnings; the ECI measures changes in labor costs, as well as average hourly employer costs for employee compensation; and the EBS provides information on detailed benefit provisions. When fully integrated, the NCS will provide data on benefit costs and provisions as well as wages. This bulletin, a product of the first phase of the NCS, focuses on occupational earnings.

The NCS replaced the Occupational Compensation Survey (OCS) with the release of the 1997 data. The major difference between these two surveys is that the OCS used the same preselected list of occupations for all localities. The NCS uses a probability-based sample of establishments and occupations that is intended to more fully represent the employment patterns and occupational mix of each locality.

This bulletin presents aggregate pay data from the metropolitan and nonmetropolitan local area surveys conducted in the Pacific census division. (See Technical Note). It provides estimates of occupational pay for the census division, as well as selected data on worker and establishment characteristics.

NCS bulletins are published for each of the nine census divisions: New England, Middle Atlantic, East North Cen-

tral, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific. (See Technical Note.) Data also are published for some individual localities, as well as for the entire United States. The census division publications may be useful to NCS data users in localities for which separate data were not published.

For additional information regarding the National Compensation Survey, contact the information staff in the BLS National Office at (202) 691-6199. You can also write to the Bureau of Labor Statistics, Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or send e-mail to OCLTINFO@bls.gov.

The Bureau's Office of Compensation and Working Conditions developed and produced this bulletin. The Directorate of Survey Processing coordinated the data file formation and tabulations. Field economists from the Bureau's regional offices, under the direction of the Assistant Regional Commissioners for Operations, collected the survey data. The Bureau thanks all survey respondents for their cooperation, without which this bulletin would not have been possible.

The data presented in this bulletin also are displayed in a Portable Document Format (PDF) on the BLS Internet site (<https://www.bls.gov/ocs/#data>). Material in the bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: 1-800-326-2577.

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Occupational Wages in the Pacific Census Division, 1998

Overview

This bulletin provides 1998 National Compensation Survey (NCS) estimates of occupational pay in the Pacific census division. The bulletin highlights average (mean) hourly pay for workers by seven characteristics:

- Private industry and State and local government
- Metropolitan and nonmetropolitan areas
- Selected occupations and major occupational groups
- Full-time and part-time status
- Bargaining status
- Size of establishment
- Work level

Wages in the Pacific census division averaged \$17.86 per hour during 1998. Workers in private industry in the Pacific region averaged \$ 16.82 per hour, while pay of workers in State and local government averaged \$ 21.26 per hour. The nationwide hourly average for all workers covered by the survey was \$ 15.72.

Table 1 in this bulletin provides an overview of average pay for workers in private industry and State and local government by selected worker and establishment characteristics. For example, white-collar workers in private industry averaged \$21.22 per hour, blue-collar workers averaged \$13.34, and service workers, \$8.57. Corresponding averages in State and local government were \$22.68, \$18.06, and \$17.83. Generally, average hourly earnings for private industry workers were lower than those for State and local government workers. Part of this difference can be explained by differences in the occupational and industrial mix of the two sectors. For example, professional specialty and technical occupations are proportionately more prevalent in State and local government than in private industry. With the exception of the construction industry, few State and local government workers are in goods-producing industries.

Full-time workers in the Pacific region averaged \$18.71 per hour while part-time workers averaged \$11.03. In private industry, full-time workers averaged \$17.73 an hour and part-time workers averaged \$9.89. For workers in State and local government, average hourly pay was \$21.87 and \$15.53, re-

spectively. Full-time or part-time designation is determined by the employer.

Workers in the largest establishments in the Pacific region, that is, establishments with 2,500 or more employees, had an average hourly pay at \$22.09, while workers in the smallest establishment-size category studied (50 to 99) averaged \$15.10.

Table 2 shows that workers in metropolitan areas averaged \$18.04 per hour; the average pay for workers in nonmetropolitan areas was \$14.96. Table 2 also shows that for most of the worker and establishment characteristics presented, average pay for metropolitan area workers was higher than for their counterparts in nonmetropolitan areas. (See the Technical Note for definitions of metropolitan and nonmetropolitan areas.)

Among the nine census divisions, average earnings were generally highest in the New England, Middle Atlantic, and Pacific regions. Average earnings for all census divisions, and for other characteristics, can be seen in tables 1 and 2.

Full-time, part-time, and combined average pay rates for occupations in private industry and in State and local governments are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for individual occupations and for major occupational groups. All registered nurses, for example, averaged \$24.96 per hour (table 3). Registered nurses in private industry averaged \$24.87 (table 4), while their counterparts in State and local government averaged \$25.24 per hour (table 5). Laborers, except construction, averaged \$9.91 in private industry and \$14.41 in State and local governments. Janitors and cleaners, a service occupation, averaged \$8.39 in private industry and \$12.82 in State and local government.

Earnings by occupational group and work level are shown in table 6. In determining the work level, the Bureau applies a "generic leveling" technique to all occupations selected during the collection process, using 10 criteria to level occupations. Usually, the levels tend to show higher pay at higher levels. In this region, average hourly earnings of white-collar workers ranged from \$6.97 for work level 1 to \$88.76 for level 15. Average earnings of blue-collar workers ranged from \$7.44 (level 1) to \$32.29 (level 10); service workers ranged from \$6.95 (level 1) to \$27.82 (level 10). The Technical Note has more information on generic leveling.

Table A in the Technical Note shows the number of es-

establishments studied in the Pacific census division by employment size; more establishments were studied in the 100- to 499-worker size class than in any other size category. This table also shows the number of establishments represented.

Table B shows the number of workers represented by the surveys in the Pacific census division by major occupational groups such as professional specialty and technical, sales, and transportation and material moving.

Table 1. Summary, Pacific: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² 1998

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$17.86	1.3	36.2	\$16.82	1.7	36.4	\$21.26	1.0	35.5
Worker characteristics:³									
White-collar occupations ⁴	21.63	1.2	36.3	21.22	1.7	36.8	22.68	1.0	35.2
Professional specialty and technical ... Executive, administrative, and managerial	27.27	1.3	35.8	27.10	2.1	37.0	27.53	1.2	34.2
Sales	30.12	2.0	40.2	31.31	2.3	40.6	26.38	2.2	39.1
Administrative support	15.11	4.5	32.5	15.11	4.6	32.6	15.84	12.7	26.2
Blue-collar occupations ⁴	13.23	.9	36.3	12.99	1.1	36.8	13.84	1.4	35.1
Precision production, craft, and repair Machine operators, assemblers, and inspectors	13.78	1.9	38.3	13.34	2.1	38.3	18.06	2.2	38.6
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	18.26	2.2	39.6	17.83	2.5	39.6	21.02	2.3	39.8
Service occupations ⁴	11.01	2.2	39.2	10.98	2.2	39.2	14.35	15.5	39.3
Full time	14.69	4.2	37.7	14.40	5.0	37.9	16.23	2.6	36.3
Part time	10.03	2.0	36.3	9.61	2.2	36.1	14.45	2.9	38.5
Union	11.08	2.2	33.1	8.57	1.5	32.4	17.83	2.7	35.2
Nonunion	18.71	1.3	39.7	17.73	1.7	39.8	21.87	1.1	39.3
Time	11.03	2.2	21.2	9.89	2.1	22.0	15.53	3.8	18.6
Incentive	19.14	1.3	36.4	16.88	2.8	36.6	21.03	1.2	36.2
	17.21	1.7	36.1	16.81	1.9	36.4	22.09	2.2	33.2
	17.83	1.3	36.2	16.74	1.7	36.4	21.26	1.0	35.5
	18.79	6.9	37.7	18.79	6.9	37.7	-	-	-
Establishment characteristics:									
Goods producing	(⁵)	(⁵)	(⁵)	18.60	2.7	39.7	(⁵)	(⁵)	(⁵)
Service producing	(⁵)	(⁵)	(⁵)	16.10	2.0	35.2	(⁵)	(⁵)	(⁵)
50-99 workers ⁶	15.10	4.2	35.5	14.95	4.4	35.5	19.43	3.3	35.3
100-499 workers	15.77	2.3	36.5	15.46	2.6	36.5	19.59	1.7	35.5
500-999 workers	17.49	3.0	36.2	16.18	3.7	37.1	21.53	3.1	33.6
1000-2499 workers	20.56	2.7	35.2	19.43	4.0	35.9	22.79	1.9	33.8
2500 workers or more	22.09	1.2	37.0	23.49	2.0	37.6	21.12	1.6	36.6
Geographic areas:⁷									
Metropolitan	18.04	1.3	36.2	17.05	1.7	36.5	21.42	1.1	35.4
Nonmetropolitan	14.96	2.8	35.6	12.41	3.4	35.3	19.59	1.0	36.2
New England	17.38	1.4	35.1	16.50	1.7	35.0	21.35	1.3	35.5
Middle Atlantic	18.10	1.5	35.8	17.14	1.8	35.8	21.72	1.6	35.5
East North Central	16.08	.8	36.2	15.44	.9	36.3	19.32	1.5	35.7
West North Central	14.85	1.6	36.5	14.05	1.9	36.3	17.87	1.2	37.0
South Atlantic	14.40	1.0	37.1	13.82	1.1	36.9	16.22	1.4	38.0
East South Central	11.87	2.3	37.7	11.21	2.6	37.9	15.93	2.2	36.8
West South Central	14.62	1.8	37.2	14.27	2.3	36.9	15.63	1.2	38.0
Mountain	14.58	2.7	36.4	13.30	2.9	36.4	18.32	2.9	36.4
Pacific	17.86	1.3	36.2	16.82	1.7	36.4	21.26	1.0	35.5

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² In this census division, collection was conducted between January 1998 and April 1999. The average reference period was June 1998.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁵ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁶ Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

⁷ Data are presented for metropolitan and nonmetropolitan area divisions as well as 9 census area divisions. See Technical Note for a list of survey areas in each census area division and the States comprising the 9 census area divisions.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. **Summary, Pacific: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ 1998**

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error (percent)		Mean	Relative error (percent)		Mean	Relative error (percent)	
Total	\$17.86	1.3	36.2	\$18.04	1.3	36.2	\$14.96	2.8	35.6
Private Industry	16.82	1.7	36.4	17.05	1.7	36.5	12.41	3.4	35.3
State and local government	21.26	1.0	35.5	21.42	1.1	35.4	19.59	1.0	36.2
Worker characteristics:⁴									
White-collar occupations ⁵	21.63	1.2	36.3	21.77	1.3	36.3	18.76	.4	35.6
Professional specialty and technical ...	27.27	1.3	35.8	27.47	1.4	35.9	23.23	2.1	33.9
Executive, administrative, and managerial	30.12	2.0	40.2	30.32	2.0	40.2	24.99	2.5	41.5
Sales	15.11	4.5	32.5	15.15	4.7	32.6	14.32	7.9	31.3
Administrative support	13.23	.9	36.3	13.23	1.0	36.3	13.22	3.5	36.9
Blue-collar occupations ⁵	13.78	1.9	38.3	13.87	1.9	38.4	12.70	7.8	37.7
Precision production, craft, and repair Machine operators, assemblers, and inspectors	18.26	2.2	39.6	18.37	2.3	39.6	16.48	2.5	39.7
Transportation and material moving ...	11.01	2.2	39.2	11.01	2.2	39.3	—	—	—
Handlers, equipment cleaners, helpers, and laborers	14.69	4.2	37.7	14.87	4.4	37.9	13.00	7.1	35.7
Service occupations ⁵	10.03	2.0	36.3	10.00	2.2	36.3	10.39	5.6	36.7
.....	11.08	2.2	33.1	11.18	2.3	33.2	9.77	5.1	32.6
Full time	18.71	1.3	39.7	18.88	1.3	39.7	15.87	4.5	39.7
Part time	11.03	2.2	21.2	11.16	2.4	21.1	9.54	3.6	22.2
Union	19.14	1.3	36.4	19.25	1.4	36.4	17.44	1.5	35.7
Nonunion	17.21	1.7	36.1	17.43	1.8	36.1	13.61	1.3	35.6
Time	17.83	1.3	36.2	18.01	1.3	36.2	14.84	2.7	35.5
Incentive	18.79	6.9	37.7	18.79	7.3	37.6	18.85	6.4	39.1
Establishment characteristics:									
Goods producing ⁶	18.60	2.7	39.7	18.94	2.4	39.7	—	—	—
Service producing ⁶	16.10	2.0	35.2	16.28	2.0	35.3	12.27	3.0	33.5
50-99 workers ⁷	15.10	4.2	35.5	15.24	4.5	35.6	13.32	2.0	33.5
100-499 workers	15.77	2.3	36.5	15.90	2.4	36.5	14.15	2.4	36.0
500-999 workers	17.49	3.0	36.2	17.75	3.3	36.1	15.10	2.1	36.8
1000-2499 workers	20.56	2.7	35.2	20.55	2.8	35.1	20.93	3.7	35.7
2500 workers or more	22.09	1.2	37.0	22.10	1.3	37.0	—	—	—
Geographic areas:⁸									
New England	17.38	1.4	35.1	17.75	1.2	35.2	14.75	3.6	34.2
Middle Atlantic	18.10	1.5	35.8	18.39	1.6	35.7	13.58	1.6	36.2
East North Central	16.08	.8	36.2	16.55	.8	36.2	13.55	1.3	36.5
West North Central	14.85	1.6	36.5	15.83	2.4	36.5	12.10	2.3	36.4
South Atlantic	14.40	1.0	37.1	14.89	.7	37.0	12.00	4.4	37.7
East South Central	11.87	2.3	37.7	13.88	2.2	36.9	9.97	4.3	38.6
West South Central	14.62	1.8	37.2	14.86	2.1	37.2	13.08	5.6	37.1
Mountain	14.58	2.7	36.4	14.73	3.4	36.5	13.99	3.3	36.0
Pacific	17.86	1.3	36.2	18.04	1.3	36.2	14.96	2.8	35.6

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Metropolitan areas can be a Metropolitan Statistical Area or Consolidated Metropolitan Statistical Area as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see Technical Note.

³ In this census division, collection was conducted between January 1998 and April 1999. The average reference period was June 1998.

⁴ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on hourly rate or salary; incentive workers are those whose wages

are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁶ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁷ Establishments classified with 50-99 workers may contain establishments with fewer than 50 workers due to reduction in staff from the time of sampling to data collection.

⁸ See Technical Note for a list of survey areas in each census area division and the States comprising the 9 census area divisions.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.86	1.3	36.2	\$18.71	1.3	39.7	\$11.03	2.2	21.2
All excluding sales	18.06	1.3	36.5	18.79	1.3	39.7	11.52	2.4	21.3
White collar	21.63	1.2	36.3	22.49	1.2	39.7	13.83	2.7	20.4
White collar excluding sales	22.49	1.2	36.9	23.04	1.3	39.6	16.15	2.7	20.3
Professional specialty and technical	27.27	1.3	35.8	27.68	1.4	39.1	22.79	2.5	18.7
Professional specialty	29.17	1.4	35.5	29.60	1.5	39.1	24.42	2.5	17.6
Engineers, architects, and surveyors	31.66	1.3	40.5	31.69	1.3	40.5	21.66	13.5	24.3
Architects	36.32	12.3	41.4	36.57	12.5	42.4	-	-	-
Aerospace engineers	32.70	4.4	40.3	32.70	4.4	40.3	-	-	-
Petroleum engineers	43.47	9.0	44.2	43.47	9.0	44.2	-	-	-
Nuclear engineers	34.39	1.2	40.7	34.39	1.2	40.7	-	-	-
Civil engineers	30.63	4.6	40.1	30.63	4.6	40.1	-	-	-
Electrical and electronic engineers	33.21	2.5	40.9	33.30	2.5	41.0	-	-	-
Industrial engineers	27.26	3.2	40.4	27.26	3.2	40.4	-	-	-
Mechanical engineers	29.00	3.9	40.9	29.09	3.9	41.1	-	-	-
Engineers, n.e.c.	31.40	2.2	40.2	31.41	2.2	40.4	-	-	-
Mathematical and computer scientists	31.11	4.4	40.2	31.12	4.4	40.3	-	-	-
Computer systems analysts and scientists	31.62	4.6	40.3	31.62	4.6	40.3	-	-	-
Operations and systems researchers and analysts	26.38	5.8	40.0	26.38	5.8	40.0	-	-	-
Natural scientists	27.13	2.8	40.1	27.14	2.8	40.2	-	-	-
Chemists, except biochemists	27.41	5.7	40.4	27.41	5.7	40.4	-	-	-
Geologists and geodesists	30.50	6.0	40.0	30.50	6.0	40.0	-	-	-
Physical scientists, n.e.c.	29.35	3.2	40.0	29.35	3.2	40.0	-	-	-
Agricultural and food scientists	22.93	14.8	40.1	22.93	14.8	40.1	-	-	-
Biological and life scientists	23.67	3.9	39.8	23.67	3.9	39.8	-	-	-
Forestry and conservation scientists	21.32	5.4	40.6	21.32	5.4	40.6	-	-	-
Medical scientists	23.60	7.1	40.2	23.67	7.1	40.7	-	-	-
Health related	25.57	1.8	33.3	25.18	2.2	39.5	26.82	2.1	22.2
Physicians	38.26	12.9	38.4	36.79	14.4	44.2	53.76	4.4	16.3
Registered nurses	24.96	1.6	32.8	24.48	1.8	39.0	26.29	2.1	22.7
Pharmacists	33.34	4.9	33.2	33.59	5.8	40.0	31.94	4.8	17.0
Dietitians	18.84	4.7	37.7	18.76	5.4	40.7	-	-	-
Respiratory therapists	19.80	4.5	33.0	19.74	4.1	39.7	20.14	8.0	16.9
Occupational therapists	26.31	8.1	30.9	24.58	10.8	38.5	-	-	-
Physical therapists	24.22	3.7	33.2	23.31	3.4	39.5	28.62	6.3	18.9
Speech therapists	26.59	10.2	33.2	26.24	11.8	37.9	-	-	-
Therapists, n.e.c.	19.14	11.3	37.1	19.68	12.0	39.4	-	-	-
Physicians' assistants	23.43	20.6	37.6	24.51	21.4	40.0	-	-	-
Teachers, college and university	34.52	2.6	27.4	35.43	2.9	40.5	31.07	5.2	12.2
Earth, environmental, and marine science teachers	24.31	12.1	36.4	-	-	-	-	-	-
Biological science teachers	45.10	16.7	26.5	47.10	17.3	38.6	-	-	-
Chemistry teachers	52.91	17.0	38.6	53.37	17.0	40.0	-	-	-
Psychology teachers	30.19	9.0	22.7	32.00	8.0	38.0	20.53	21.9	7.2
Social science teachers, n.e.c.	33.77	7.9	36.1	33.91	8.4	39.1	-	-	-
Engineering teachers	42.77	9.1	31.1	42.96	11.4	40.0	-	-	-
Mathematical science teachers	39.11	8.4	22.8	40.94	8.9	39.6	31.56	4.9	8.3
Computer science teachers	32.15	11.9	33.6	31.80	12.7	39.4	-	-	-
Medical science teachers	33.52	8.8	49.4	33.83	9.2	55.5	-	-	-
Health specialties teachers	27.04	11.8	33.3	27.90	10.8	39.8	-	-	-
Business, commerce, and marketing teachers ..	41.63	6.9	25.9	43.02	7.0	38.1	31.76	11.7	7.9
Art, drama, and music teachers	34.19	3.5	27.5	35.23	5.3	38.7	29.09	13.8	11.4
Physical education teachers	35.24	8.5	18.6	-	-	-	28.29	15.0	7.6
Education teachers	34.55	20.1	32.4	34.19	19.9	38.1	-	-	-
English teachers	32.07	5.3	26.6	31.74	5.9	38.9	33.44	8.2	11.5
Foreign language teachers	33.91	5.4	26.4	33.26	5.7	39.1	35.09	9.9	16.6
Law teachers	42.59	13.4	27.5	-	-	-	-	-	-
Trade and industrial teachers	31.04	11.0	24.0	-	-	-	29.72	5.7	8.8
Teachers, post secondary, subject not specified	31.91	8.6	22.3	32.93	9.5	38.5	27.92	13.6	8.4
Teachers, post secondary, n.e.c.	33.13	3.8	23.4	34.02	3.7	37.4	31.37	7.9	13.5
Teachers, except college and university	29.65	1.8	32.8	30.12	1.8	36.1	21.87	7.7	13.2
Prekindergarten and kindergarten	18.25	13.7	33.0	18.09	14.6	38.1	19.79	11.0	14.2

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, except college and university –Continued									
Elementary school teachers	\$31.72	1.9	34.8	\$31.70	1.9	35.5	\$33.37	20.3	14.0
Secondary school teachers	31.30	2.2	35.8	31.35	2.2	36.2	28.28	9.5	19.6
Teachers, special education	30.44	2.8	35.7	30.49	2.8	36.1	–	–	–
Teachers, n.e.c.	27.32	5.4	26.1	27.98	6.1	36.4	24.58	13.6	12.0
Substitute teachers	15.21	4.8	12.9	–	–	–	15.23	4.8	12.8
Vocational and educational counselors	26.33	9.7	36.5	26.66	9.9	37.7	17.89	12.8	20.4
Librarians, archivists, and curators	25.83	4.1	37.5	26.38	3.8	39.4	18.40	27.9	22.8
Librarians	25.98	4.3	36.6	26.66	3.9	38.8	18.40	27.9	22.8
Archivists and curators	25.12	12.0	42.1	25.12	12.0	42.1	–	–	–
Social scientists and urban planners	25.90	5.6	36.2	26.67	5.3	40.2	17.11	15.5	16.9
Economists	29.66	5.0	41.3	29.66	5.0	41.3	–	–	–
Psychologists	23.59	9.1	32.8	24.74	9.2	39.4	17.08	15.7	16.8
Urban planners	25.18	3.3	40.0	25.18	3.3	40.0	–	–	–
Social, recreation, and religious workers	18.59	4.2	37.8	18.78	4.6	40.7	16.60	6.5	21.7
Social workers	19.55	4.2	38.1	19.64	4.4	40.0	18.44	6.2	24.6
Recreation workers	14.41	8.0	31.9	15.42	7.7	40.0	8.14	5.2	14.2
Lawyers and judges	38.23	5.5	40.9	38.26	5.5	41.1	–	–	–
Lawyers	38.25	5.9	41.1	38.28	5.9	41.3	–	–	–
Judges	37.99	10.4	38.9	37.99	10.4	38.9	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.57	14.7	34.4	33.92	15.3	41.3	15.75	12.3	16.2
Technical writers	32.14	20.5	39.7	32.27	20.5	40.0	–	–	–
Designers	25.45	10.6	41.5	25.90	10.3	41.9	–	–	–
Musicians and composers	19.25	13.1	15.9	–	–	–	18.70	16.4	14.1
Actors and directors	57.29	25.0	33.3	61.92	23.8	41.7	–	–	–
Painters, sculptors, craft artists, and artist printmakers	32.02	26.3	41.7	32.15	26.3	42.3	–	–	–
Photographers	27.87	19.2	41.3	27.87	19.2	41.3	–	–	–
Editors and reporters	27.78	15.5	40.1	28.04	15.6	41.1	–	–	–
Public relations specialists	21.48	6.9	34.3	21.96	8.0	40.5	–	–	–
Athletes	–	–	–	–	–	–	11.24	17.9	8.2
Professional, n.e.c.	25.39	5.3	39.7	24.98	5.8	40.8	–	–	–
Technical	20.26	2.4	37.2	20.58	2.5	39.2	16.72	5.1	23.9
Clinical laboratory technologists and technicians	18.85	3.5	37.9	18.88	3.7	39.8	18.50	9.7	23.8
Health record technologists and technicians	13.12	8.5	34.2	13.41	10.7	39.7	12.12	7.3	23.1
Radiological technicians	20.51	3.8	30.8	19.65	3.2	39.8	21.61	6.2	23.8
Licensed practical nurses	15.45	3.2	35.0	15.55	3.7	39.2	14.97	2.6	23.2
Health technologists and technicians, n.e.c.	15.84	3.9	36.7	15.84	4.3	39.8	15.89	6.5	22.8
Electrical and electronic technicians	20.21	2.9	39.6	20.06	2.8	40.0	23.69	20.4	32.5
Mechanical engineering technicians	19.68	4.1	39.9	19.68	4.1	39.9	–	–	–
Engineering technicians, n.e.c.	19.97	4.4	39.0	20.18	4.5	40.0	–	–	–
Drafters	23.87	8.6	39.8	23.94	8.6	40.1	–	–	–
Surveying and mapping technicians	23.24	9.4	39.9	23.24	9.4	39.9	–	–	–
Biological technicians	13.69	8.8	34.0	14.47	8.9	39.7	–	–	–
Chemical technicians	19.48	10.6	40.5	19.48	10.6	40.5	–	–	–
Science technicians, n.e.c.	20.74	3.0	39.3	20.76	3.0	39.6	–	–	–
Airplane pilots and navigators	71.71	18.2	24.5	72.26	18.2	24.4	–	–	–
Broadcast equipment operators	17.05	10.0	38.1	17.47	10.1	39.8	–	–	–
Computer programmers	26.20	6.7	39.2	26.72	6.5	40.0	–	–	–
Legal assistants	16.88	7.9	39.4	17.29	7.0	39.4	–	–	–
Technical and related, n.e.c.	19.06	4.4	38.7	19.27	4.5	39.8	14.25	7.7	23.8
Executive, administrative, and managerial									
Executives, administrators, and managers	30.12	2.0	40.2	30.14	2.0	40.6	27.71	13.9	20.0
Legislators	35.07	2.6	40.5	35.09	2.6	40.9	33.68	16.7	17.5
Chief executives and general administrators, public administration	24.71	28.5	10.0	–	–	–	–	–	–
	46.65	6.4	38.9	46.65	6.4	38.9	–	–	–

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Executive, administrative, and managerial –Continued									
Executives, administrators, and managers –Continued									
Administrators and officials, public administration									
	\$29.25	4.9	39.9	\$29.15	4.9	40.4	–	–	–
Financial managers	33.82	4.1	39.6	33.81	4.1	40.2	–	–	–
Personnel and labor relations managers	32.95	5.1	40.0	32.95	5.1	40.0	–	–	–
Purchasing managers	30.57	5.0	40.3	30.57	5.0	40.3	–	–	–
Managers, marketing, advertising, and public relations	37.45	4.6	41.1	37.45	4.6	41.1	–	–	–
Administrators, education and related fields	35.50	3.3	39.6	35.35	3.4	40.3	–	–	–
Managers, medicine and health	31.66	4.4	40.0	31.67	4.5	40.2	–	–	–
Managers, food servicing and lodging establishments	18.32	7.4	45.0	18.33	7.4	45.2	–	–	–
Managers, properties and real estate	22.61	26.8	40.9	22.61	26.8	40.9	–	–	–
Managers, service organizations, n.e.c.	24.82	7.5	39.3	23.92	6.5	40.9	–	–	–
Managers and administrators, n.e.c.	38.95	4.5	41.0	38.98	4.5	41.1	–	–	–
Management related	23.00	1.5	39.9	23.02	1.6	40.2	\$20.99	11.3	23.8
Accountants and auditors	22.20	1.8	39.8	22.20	1.9	39.9	–	–	–
Underwriters	25.82	12.8	38.6	25.82	12.8	38.6	–	–	–
Other financial officers	24.52	4.8	40.9	24.53	4.8	40.9	–	–	–
Management analysts	25.89	3.7	40.3	25.71	3.7	40.5	–	–	–
Personnel, training, and labor relations specialists	23.99	7.7	39.8	24.15	7.8	40.3	–	–	–
Buyers, wholesale and retail trade, except farm products	21.49	7.4	40.2	21.49	7.4	40.2	–	–	–
Purchasing agents and buyers, n.e.c.	22.42	2.8	40.6	22.44	2.8	40.6	–	–	–
Construction inspectors	24.36	3.2	39.9	24.36	3.2	39.9	–	–	–
Inspectors and compliance officers, except construction	21.74	5.5	39.9	21.77	5.5	40.3	–	–	–
Management related, n.e.c.	22.35	2.3	39.5	22.38	2.4	40.0	19.73	4.1	20.1
Sales	15.11	4.5	32.5	17.39	4.8	40.1	8.37	2.9	20.9
Supervisors, sales	22.51	9.5	40.1	22.63	9.7	41.2	18.01	28.4	19.8
Insurance sales	18.70	21.7	39.6	18.70	21.7	39.6	–	–	–
Real estate sales	53.90	10.3	41.8	–	–	–	–	–	–
Advertising and related sales	21.54	10.5	35.8	22.27	10.4	40.0	10.87	21.1	14.0
Sales, other business services	20.01	19.9	35.9	21.14	19.7	40.3	6.99	9.5	15.9
Sales engineers	26.60	9.7	40.8	26.60	9.7	40.8	–	–	–
Sales representatives, mining, manufacturing, and wholesale	26.12	5.9	40.0	26.37	5.9	40.4	–	–	–
Sales workers, motor vehicles and boats	20.08	5.2	42.3	20.08	5.2	42.3	–	–	–
Sales workers, apparel	8.62	6.7	25.3	9.77	10.6	37.8	7.54	3.6	19.3
Sales workers, shoes	10.64	8.0	27.7	12.48	5.0	38.9	7.69	10.5	19.0
Sales workers, furniture and home furnishings ..	9.02	6.5	25.4	10.83	9.1	38.1	7.59	5.2	20.0
Sales workers, radio, tv, hi-fi, and appliances ...	10.34	9.2	38.7	10.27	9.5	39.0	–	–	–
Sales workers, hardware and building supplies ..	–	–	–	12.64	9.5	40.2	–	–	–
Sales workers, parts	15.11	6.8	37.5	15.79	5.3	40.2	–	–	–
Sales workers, other commodities	10.75	5.2	30.7	12.29	6.1	39.1	7.50	2.0	21.1
Sales counter clerks	8.48	15.3	28.3	10.75	8.3	39.3	–	–	–
Cashiers	10.26	2.8	30.6	10.88	3.6	39.5	9.32	4.1	22.9
Street and door-to-door sales workers	10.85	6.7	35.2	–	–	–	–	–	–
Demonstrators, promoters, and models, sales ..	7.38	5.4	15.7	–	–	–	–	–	–
Sales support, n.e.c.	14.22	8.0	33.3	16.30	6.6	39.9	9.06	7.1	23.5
Administrative support, including clerical	13.23	.9	36.3	13.59	.9	39.7	10.35	1.8	21.8
Supervisors, general office	17.63	3.1	40.0	17.66	3.2	40.2	–	–	–
Supervisors, financial records processing	19.64	4.6	39.4	19.64	4.6	39.4	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	19.96	5.4	40.2	19.96	5.4	40.2	–	–	–
Computer operators	17.20	3.8	39.5	17.21	3.8	39.6	–	–	–

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Secretaries	\$15.10	1.4	38.4	\$15.29	1.4	39.6	\$12.20	4.7	26.1
Stenographers	15.98	8.7	34.5	15.71	11.2	39.8	17.31	4.7	21.0
Typists	13.05	2.9	38.6	13.24	2.9	39.9	10.15	3.4	25.8
Interviewers	11.60	4.0	35.0	11.44	4.8	39.7	12.24	2.5	23.9
Hotel clerks	10.06	7.9	37.9	10.17	8.2	39.6	8.08	5.6	20.9
Transportation ticket and reservation agents	13.18	6.1	36.6	13.20	6.0	40.0	13.07	9.3	23.2
Receptionists	9.96	1.7	36.1	10.13	1.8	39.5	8.69	4.7	22.0
Information clerks, n.e.c.	11.62	2.6	34.7	12.41	3.1	39.9	9.85	2.4	26.9
Order clerks	12.45	2.9	36.8	12.77	2.9	39.8	10.20	7.9	24.2
Personnel clerks, except payroll and timekeeping	13.89	3.8	39.4	13.86	3.9	39.8	—	—	—
Library clerks	12.27	3.2	30.5	12.63	4.1	39.4	11.41	4.2	19.9
File clerks	9.39	4.2	35.1	9.67	4.8	39.7	8.12	5.0	22.9
Records clerks, n.e.c.	12.57	3.2	38.0	12.61	3.3	39.7	11.91	10.2	21.3
Bookkeepers, accounting and auditing clerks	13.40	1.4	39.1	13.46	1.4	39.7	10.77	5.5	24.4
Payroll and timekeeping clerks	13.96	4.1	39.4	14.02	4.2	39.9	—	—	—
Billing clerks	12.23	3.4	39.4	12.30	3.5	39.9	—	—	—
Billing, posting, and calculating machine operators	11.61	14.7	31.0	15.12	14.0	40.0	7.70	1.9	24.8
Duplicating machine operators	—	—	—	—	—	—	8.06	4.1	24.2
Office machine operators, n.e.c.	10.74	15.6	38.3	—	—	—	—	—	—
Telephone operators	10.27	4.9	38.0	10.46	5.0	39.5	8.35	12.5	26.8
Mail clerks, except postal service	8.99	8.1	37.6	9.33	8.8	39.7	6.19	29.7	26.0
Messengers	10.73	8.7	37.5	10.83	8.9	38.8	—	—	—
Dispatchers	15.87	5.3	38.2	15.84	5.5	39.9	16.39	7.0	22.1
Production coordinators	16.34	5.0	39.9	16.35	5.0	39.9	—	—	—
Traffic, shipping and receiving clerks	11.51	4.1	38.5	11.60	4.3	39.8	9.65	8.9	22.6
Stock and inventory clerks	12.20	3.8	35.3	12.60	4.0	39.8	8.90	7.3	18.0
Meter readers	17.20	4.0	38.9	17.54	3.9	40.0	—	—	—
Weighers, measurers, checkers, and samplers	11.22	9.3	30.2	—	—	—	—	—	—
Expeditors	14.23	10.0	39.9	14.30	10.0	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.58	5.2	36.7	14.23	5.4	39.8	9.59	6.2	25.0
Insurance adjusters, examiners, and investigators	15.37	5.6	38.7	15.39	5.6	38.7	—	—	—
Investigators and adjusters, except insurance	13.91	5.5	38.7	14.12	5.6	39.9	10.34	5.0	25.5
Eligibility clerks, social welfare	13.96	4.1	39.5	14.00	4.1	39.8	—	—	—
Bill and account collectors	12.44	5.1	38.2	12.58	5.0	39.5	—	—	—
General office clerks	12.24	1.5	35.5	12.61	1.6	39.7	9.81	3.8	20.9
Bank tellers	9.16	1.8	22.6	9.63	4.4	39.7	8.90	.9	18.3
Proofreaders	17.25	8.0	39.9	17.25	8.0	39.9	—	—	—
Data entry keyers	12.14	2.8	37.3	12.32	2.9	39.6	10.09	8.3	22.7
Statistical clerks	14.16	8.9	34.7	14.48	8.8	39.9	10.25	10.5	13.2
Teachers' aides	11.04	3.0	23.9	10.80	4.5	35.0	11.14	3.7	21.2
Administrative support, n.e.c.	13.79	2.1	36.9	14.15	2.3	39.9	10.17	8.2	20.9
Blue collar	13.78	1.9	38.3	14.06	2.0	39.9	9.28	4.2	23.0
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.77	2.9	40.2	23.77	2.9	40.2	—	—	—
Automobile mechanics	18.04	3.9	39.9	18.05	3.9	40.0	—	—	—
Automobile mechanic apprentices	10.24	12.6	39.6	10.28	12.7	39.9	—	—	—
Bus, truck, and stationary engine mechanics	17.98	3.0	40.0	17.98	3.0	40.0	—	—	—
Aircraft engine mechanics	20.89	6.7	39.8	20.90	6.7	40.0	—	—	—
Automobile body and related repairers	16.44	17.7	40.0	16.44	17.7	40.0	—	—	—
Aircraft mechanics, except engine	21.30	1.6	40.0	21.32	1.6	40.0	—	—	—
Heavy equipment mechanics	21.04	6.1	40.0	21.04	6.1	40.0	—	—	—
Industrial machinery repairers	18.58	2.6	39.3	18.58	2.6	39.3	—	—	—
Machinery maintenance	14.25	7.5	39.0	14.24	7.5	39.3	—	—	—

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair –Continued									
Electronic repairers, communications and industrial equipment	\$18.21	4.4	39.9	\$18.22	4.4	39.9	–	–	–
Household appliance and power tool repairers Heating, air conditioning, and refrigeration mechanics	19.06	11.5	37.5	20.05	9.2	40.1	–	–	–
Mechanical controls and valve repairers	21.98	14.1	37.0	18.21	6.6	39.7	–	–	–
Millwrights	21.13	4.9	40.0	21.13	4.9	40.0	–	–	–
Mechanics and repairers, n.e.c.	17.86	2.8	39.6	17.86	2.8	39.6	–	–	–
Supervisors, electricians and power transmission installers	16.98	3.0	39.4	17.03	3.0	39.8	–	–	–
Supervisors, plumbers, pipefitters, and steamfitters	29.77	7.3	39.2	29.77	7.3	39.2	–	–	–
Supervisors, construction trades, n.e.c.	26.85	5.7	40.0	26.85	5.7	40.0	–	–	–
Brickmasons and stonemasons	25.05	6.3	39.6	25.03	6.4	40.0	–	–	–
Carpenters	19.60	12.9	40.0	19.60	12.9	40.0	–	–	–
Carpenter apprentices	19.65	3.5	39.3	19.74	3.5	39.6	–	–	–
Electricians	13.69	5.8	40.0	13.69	5.8	40.0	–	–	–
Electrician apprentices	21.22	6.0	40.0	21.22	6.0	40.0	–	–	–
Electrical power installers and repairers	16.53	4.7	40.0	16.53	4.7	40.0	–	–	–
Painters, construction and maintenance	25.32	3.2	40.0	25.32	3.2	40.0	–	–	–
Plumbers, pipefitters and steamfitters	14.54	14.2	40.0	14.54	14.2	40.0	–	–	–
Plumber, pipefitter, and steamfitter apprentices	19.35	6.0	40.0	19.35	6.0	40.0	–	–	–
Structural metal workers	15.46	7.1	40.0	15.46	7.1	40.0	–	–	–
Construction trades, n.e.c.	23.02	8.1	34.9	–	–	–	–	–	–
Drillers, oil well	15.35	6.3	39.8	15.35	6.3	39.9	–	–	–
Supervisors, production	21.07	10.6	41.1	21.07	10.6	41.1	–	–	–
Tool and die makers	22.45	8.1	40.1	22.45	8.1	40.1	–	–	–
Machinists	17.86	6.2	40.0	17.86	6.2	40.0	–	–	–
Layout workers	19.02	3.5	39.8	19.02	3.5	39.8	–	–	–
Sheet metal workers	16.40	4.9	40.0	16.40	4.9	40.0	–	–	–
Patternmakers, layout workers, and cutters	22.76	5.4	40.0	22.76	5.4	40.0	–	–	–
Electrical and electronic equipment assemblers	18.07	14.8	40.0	18.07	14.8	40.0	–	–	–
Miscellaneous precision workers, n.e.c.	9.93	3.5	39.9	9.97	3.5	40.0	–	–	–
Butchers and meat cutters	18.16	11.9	39.8	18.16	11.9	39.8	–	–	–
Bakers	12.89	9.8	39.0	12.86	10.5	39.9	\$13.34	14.3	29.4
Food batchmakers	13.58	13.3	36.7	13.83	15.6	40.0	12.49	2.1	26.8
Inspectors, testers, and graders	10.03	10.6	39.9	9.86	9.6	39.9	–	–	–
Water and sewer treatment plant operators	16.57	6.3	39.6	16.64	6.4	40.0	–	–	–
Stationary engineers	19.79	3.6	40.0	19.79	3.6	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	21.13	5.0	40.0	21.13	5.0	40.0	–	–	–
Machine operators, assemblers, and inspectors	23.50	1.3	40.4	23.50	1.3	40.4	–	–	–
Lathe and turning machine operators	11.01	2.2	39.2	11.06	2.3	39.8	8.25	5.9	22.1
Punching and stamping press operators	14.72	14.8	40.0	14.72	14.8	40.0	–	–	–
Drilling and boring machine operators	10.40	8.6	40.0	10.40	8.6	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	13.99	11.5	39.9	13.99	11.5	39.9	–	–	–
Numerical control machine operators	10.08	9.1	39.9	10.08	9.1	39.9	–	–	–
Fabricating machine operators, n.e.c.	15.94	5.8	40.0	15.94	5.8	40.0	–	–	–
Molding and casting machine operators	13.04	7.8	40.0	13.04	7.8	40.0	–	–	–
Metal plating machine operators	8.88	10.2	39.7	9.04	10.7	39.7	–	–	–
Printing press operators	12.90	6.7	40.0	12.90	6.7	40.0	–	–	–
Photoengravers and lithographers	15.34	10.0	39.0	15.32	10.0	39.0	–	–	–
Typesetters and compositors	15.89	13.5	38.6	15.89	13.5	38.6	–	–	–
Textile cutting machine operators	14.44	10.1	38.5	14.44	10.1	38.5	–	–	–
Textile sewing machine operators	9.94	4.7	40.0	9.94	4.7	40.0	–	–	–
Laundry and dry cleaning machine operators	7.89	7.5	38.3	7.92	7.7	39.6	–	–	–
Packaging and filling machine operators	7.90	4.7	37.9	7.96	4.8	39.2	6.58	8.8	21.1
Extruding and forming machine operators	10.52	7.2	35.5	10.64	8.3	39.9	–	–	–
Mixing and blending machine operators	10.79	4.6	40.0	10.79	4.6	40.0	–	–	–
	10.67	9.8	39.5	10.58	9.9	40.1	–	–	–

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Machine operators, assemblers, and inspectors –Continued									
Separating, filtering, and clarifying machine operators	\$15.91	2.1	40.0	\$15.91	2.1	40.0	–	–	–
Painting and paint spraying machine operators	11.18	14.9	39.9	11.18	14.9	39.9	–	–	–
Folding machine operators	16.78	3.1	40.0	16.78	3.1	40.0	–	–	–
Furnace, kiln, and oven operators, except food	11.95	6.3	40.0	11.95	6.3	40.0	–	–	–
Crushing and grinding machine operators	12.84	8.0	40.0	12.84	8.0	40.0	–	–	–
Slicing and cutting machine operators	9.77	7.9	38.7	10.10	8.4	39.9	–	–	–
Photographic process machine operators	10.14	5.6	37.2	10.17	5.8	39.2	–	–	–
Miscellaneous machine operators, n.e.c.	10.73	4.2	39.5	10.75	4.2	39.8	\$8.81	14.7	23.1
Welders and cutters	15.79	6.7	40.0	15.79	6.7	40.0	–	–	–
Solders and braziers	8.33	8.6	40.0	8.33	8.6	40.0	–	–	–
Assemblers	10.21	3.6	39.0	10.27	3.6	39.9	6.83	2.5	15.4
Hand cutting and trimming	6.44	11.7	38.0	6.41	12.2	39.4	–	–	–
Hand painting, coating, and decorating	7.31	8.8	40.0	7.31	8.8	40.0	–	–	–
Miscellaneous hand working, n.e.c.	8.37	4.7	39.9	8.38	4.8	40.0	–	–	–
Production inspectors, checkers and examiners	11.70	5.2	39.2	11.74	5.3	39.7	–	–	–
Production testers	11.49	5.3	40.0	11.49	5.3	40.0	–	–	–
Graders and sorters, except agricultural	11.07	8.4	39.1	11.07	8.4	39.1	–	–	–
Transportation and material moving	14.69	4.2	37.7	15.03	4.4	40.4	10.53	3.9	20.8
Supervisors, motor vehicle operators	21.31	9.4	40.5	21.31	9.4	40.5	–	–	–
Truck drivers	14.26	3.9	39.6	14.30	4.0	40.9	12.99	7.5	21.2
Driver-sales workers	12.44	8.8	34.6	13.43	7.2	40.0	7.43	9.7	20.4
Bus drivers	13.36	5.1	32.8	14.13	5.8	39.9	11.36	4.4	22.6
Taxicab drivers and chauffeurs	9.58	6.1	34.7	9.71	6.5	39.2	–	–	–
Parking lot attendants	8.35	9.6	34.5	8.79	11.9	40.0	7.26	5.4	25.8
Motor transportation, n.e.c.	8.12	12.1	29.9	8.48	15.6	39.7	6.54	2.6	14.4
Railroad conductors and yardmasters	28.02	15.9	41.3	28.02	15.9	41.3	–	–	–
Locomotive operating	27.24	23.6	42.0	27.24	23.6	42.0	–	–	–
Ship captains and mates, except fishing boats ..	18.39	13.9	34.6	–	–	–	–	–	–
Sailors and deckhands	19.70	5.4	33.3	20.21	6.8	39.2	–	–	–
Supervisors, material moving equipment	15.43	3.7	40.4	15.43	3.7	40.4	–	–	–
Operating engineers	22.88	5.6	39.9	22.88	5.6	39.9	–	–	–
Crane and tower operators	19.14	14.1	40.0	19.14	14.1	40.0	–	–	–
Excavating and loading machine operators	18.38	14.7	40.0	18.38	14.7	40.0	–	–	–
Grader, dozer, and scrapper operators	17.81	12.5	40.0	17.81	12.5	40.0	–	–	–
Industrial truck and tractor equipment operators	11.93	5.1	39.4	12.01	5.2	39.9	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	17.78	8.9	37.5	18.25	9.0	40.0	–	–	–
Handlers, equipment cleaners, helpers, and laborers	10.03	2.0	36.3	10.33	2.2	39.8	8.27	3.8	23.8
Nursery workers	7.42	6.8	40.5	7.51	7.4	40.2	–	–	–
Supervisors, agriculture-related workers	18.20	3.9	40.2	18.20	3.9	40.2	–	–	–
Groundskeepers and gardeners, except farm ...	12.46	4.4	38.5	12.58	4.5	40.0	8.65	17.6	18.1
Animal caretakers, except farm	12.41	8.4	36.5	12.59	8.6	40.0	–	–	–
Inspectors, agricultural products	7.50	3.5	34.5	7.99	6.6	39.5	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.42	6.7	40.0	15.42	6.7	40.0	–	–	–
Helpers, mechanics and repairers	12.12	8.6	38.9	12.16	8.7	39.6	–	–	–
Helpers, construction trades	11.41	9.7	38.9	11.60	10.3	40.0	–	–	–
Construction laborers	12.70	8.8	38.9	13.04	9.3	39.9	–	–	–
Production helpers	8.68	4.2	38.7	8.67	4.2	39.7	–	–	–
Stock handlers and baggers	9.52	7.0	29.8	10.48	7.3	39.1	8.25	7.4	22.6
Machine feeders and offbearers	9.60	8.1	38.6	9.50	8.0	39.1	–	–	–
Freight, stock, and material handlers, n.e.c.	10.01	4.7	35.7	10.03	5.4	39.9	9.89	7.2	22.6
Garage and service station related	9.91	5.6	39.1	10.02	5.7	40.0	–	–	–
Vehicle washers and equipment cleaners	7.65	7.6	38.2	7.73	8.3	40.0	6.79	5.6	24.9
Hand packers and packagers	8.05	3.2	37.1	8.19	3.5	39.6	7.24	4.2	27.2

See footnotes at end of table.

Table 3. Selected occupations, Pacific: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Handlers, equipment cleaners, helpers, and laborers –Continued									
Laborers, except construction, n.e.c.	\$10.45	5.3	37.6	\$10.83	6.1	39.9	\$7.29	4.5	25.4
Service	11.08	2.2	33.1	12.14	2.4	39.4	7.59	2.0	21.8
Protective service	16.45	4.9	37.7	17.80	4.3	41.1	7.94	3.8	24.7
Supervisors, firefighters and fire prevention	23.68	5.5	50.6	23.68	5.5	50.6	–	–	–
Supervisors, police and detectives	31.14	4.2	40.2	31.14	4.2	40.2	–	–	–
Supervisors, guards	19.75	14.6	39.4	20.16	14.3	40.0	–	–	–
Fire inspection and fire prevention	18.08	8.8	41.8	18.08	8.8	41.8	–	–	–
Firefighting	17.30	8.0	35.3	18.68	4.1	50.3	6.06	.0	10.3
Police and detectives, public service	24.08	2.3	39.7	24.14	2.3	40.0	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	20.63	4.0	39.6	20.99	3.6	40.0	–	–	–
Correctional institution officers	18.01	2.6	40.0	18.01	2.6	40.0	–	–	–
Crossing guards	10.35	13.6	19.9	–	–	–	10.35	13.6	19.9
Guards and police, except public service	8.43	4.0	36.1	8.75	5.4	39.8	7.66	2.8	29.5
Protective service, n.e.c.	13.86	10.9	27.6	15.16	10.7	39.6	8.96	9.9	12.9
Food service	7.81	1.5	29.8	8.52	1.8	38.7	6.77	1.7	22.3
Supervisors, food preparation and service	12.33	4.4	39.3	12.64	4.1	40.9	–	–	–
Bartenders	7.33	3.8	31.3	8.38	3.0	36.2	6.45	2.0	28.1
Waiters and waitresses	6.09	1.6	26.7	6.26	1.8	36.7	5.97	2.4	22.1
Cooks	9.87	3.0	37.2	9.98	3.3	39.8	9.14	5.7	25.6
Food counter, fountain, and related	6.56	3.3	24.9	6.49	4.9	37.7	6.60	4.5	20.1
Kitchen workers, food preparation	8.08	2.8	31.2	8.13	3.4	39.2	8.01	4.8	23.2
Waiters/waitresses' assistants	6.37	3.5	28.2	6.56	5.5	37.2	6.16	4.2	22.5
Food preparation, n.e.c.	7.43	2.8	28.3	7.82	3.5	38.7	6.98	3.3	21.6
Health service	9.94	2.0	34.4	9.87	2.2	39.1	10.32	3.7	20.9
Health aides, except nursing	11.89	2.3	33.1	12.14	2.5	39.8	10.69	4.4	18.2
Nursing aides, orderlies and attendants	9.32	2.1	34.8	9.15	2.3	39.0	10.19	4.8	22.0
Cleaning and building service	9.68	3.0	36.4	10.00	3.0	39.7	7.27	4.0	22.2
Supervisors, cleaning and building service workers	14.56	8.6	40.1	14.56	8.6	40.1	–	–	–
Maids and housemen	8.30	3.3	34.9	8.39	3.7	39.1	7.63	8.1	19.4
Janitors and cleaners	9.57	3.8	36.4	9.92	3.8	39.8	7.15	4.4	22.8
Personal service	10.29	5.2	26.8	11.29	6.4	35.4	8.47	6.0	18.7
Supervisors, personal service	13.34	8.8	38.0	14.15	7.1	41.0	–	–	–
Attendants, amusement, and recreation facilities	7.15	4.1	27.8	7.16	2.7	36.6	7.14	7.5	20.8
Guides	11.90	10.6	32.5	–	–	–	–	–	–
Ushers	6.24	2.4	10.4	–	–	–	6.24	2.4	10.4
Public transportation attendants	24.24	13.8	22.5	24.12	13.5	22.7	–	–	–
Baggage porters and bellhops	7.40	6.9	35.2	7.25	7.6	39.6	7.89	9.7	25.8
Welfare service aides	8.78	5.7	27.6	9.85	4.4	39.3	6.93	5.3	18.3
Early childhood teachers' assistants	9.00	3.2	26.7	8.79	3.3	37.9	9.25	4.7	19.7
Child care workers, n.e.c.	10.18	8.7	22.8	12.75	13.7	37.4	8.56	5.2	18.4
Service, n.e.c.	9.59	8.7	27.7	9.57	6.2	39.3	9.62	17.8	18.5

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ In this census division, collection was conducted between January 1998 and April

1999. The average reference period was June 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.82	1.7	36.4	\$17.73	1.7	39.8	\$9.89	2.1	22.0
All excluding sales	16.99	1.7	36.8	17.75	1.8	39.8	10.27	2.4	22.3
White collar	21.22	1.7	36.8	22.21	1.7	40.0	12.32	2.8	21.2
White collar excluding sales	22.39	1.7	37.7	22.96	1.8	40.0	15.08	3.2	21.4
Professional specialty and technical	27.10	2.1	37.0	27.58	2.2	39.9	21.72	2.7	20.3
Professional specialty	29.35	2.4	36.8	29.90	2.5	40.2	23.32	3.2	19.2
Engineers, architects, and surveyors	32.08	1.3	40.4	32.12	1.3	40.5	21.66	13.5	24.3
Architects	37.91	12.7	41.9	38.28	12.8	43.2	-	-	-
Aerospace engineers	32.70	4.4	40.3	32.70	4.4	40.3	-	-	-
Petroleum engineers	43.47	9.0	44.2	43.47	9.0	44.2	-	-	-
Nuclear engineers	34.66	1.1	40.8	34.66	1.1	40.8	-	-	-
Civil engineers	33.85	4.8	40.2	33.85	4.8	40.2	-	-	-
Electrical and electronic engineers	33.22	2.6	40.9	33.31	2.6	41.0	-	-	-
Industrial engineers	27.27	3.2	40.4	27.27	3.2	40.4	-	-	-
Mechanical engineers	28.84	4.0	40.9	28.93	4.0	41.2	-	-	-
Engineers, n.e.c.	31.70	2.1	40.1	31.72	2.1	40.2	-	-	-
Mathematical and computer scientists	32.44	4.5	40.3	32.44	4.5	40.3	-	-	-
Computer systems analysts and scientists	33.18	4.7	40.4	33.18	4.7	40.4	-	-	-
Operations and systems researchers and analysts	26.38	5.8	40.0	26.38	5.8	40.0	-	-	-
Natural scientists	29.36	2.8	40.2	29.36	2.8	40.2	-	-	-
Chemists, except biochemists	28.72	7.6	40.7	28.72	7.6	40.7	-	-	-
Physical scientists, n.e.c.	31.14	2.8	40.0	31.14	2.8	40.0	-	-	-
Agricultural and food scientists	21.76	10.3	40.2	21.76	10.3	40.2	-	-	-
Biological and life scientists	23.03	6.0	40.4	23.03	6.0	40.4	-	-	-
Medical scientists	24.11	9.3	40.0	24.11	9.3	40.0	-	-	-
Health related	25.61	2.2	33.0	25.25	2.7	39.2	26.75	2.2	21.9
Physicians	47.95	15.3	33.7	47.17	17.6	40.6	53.46	5.7	15.3
Registered nurses	24.87	1.7	32.7	24.42	2.2	38.9	26.18	1.9	22.4
Pharmacists	32.41	5.2	32.9	32.55	6.4	40.0	31.80	5.1	18.4
Dietitians	18.31	6.0	38.0	18.15	7.2	41.0	-	-	-
Respiratory therapists	19.87	4.8	33.4	19.80	4.4	39.8	20.25	8.5	17.6
Occupational therapists	30.31	5.1	30.0	29.08	6.1	38.2	-	-	-
Physical therapists	25.30	3.2	30.5	23.75	2.7	39.0	30.17	4.0	18.1
Therapists, n.e.c.	17.50	14.1	36.7	17.99	15.5	39.6	-	-	-
Physicians' assistants	23.43	20.6	37.6	24.51	21.4	40.0	-	-	-
Teachers, college and university	36.96	7.7	30.4	38.28	8.0	37.8	25.62	9.3	11.3
Biological science teachers	50.10	23.4	38.5	-	-	-	-	-	-
Psychology teachers	27.19	9.5	18.9	29.25	9.5	38.0	20.53	21.9	7.2
Social science teachers, n.e.c.	36.32	7.4	37.1	37.25	6.3	39.0	-	-	-
Health specialties teachers	20.47	23.1	29.1	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	38.22	17.5	22.6	40.08	19.4	35.0	26.64	16.2	7.1
Art, drama, and music teachers	34.40	5.9	25.4	-	-	-	29.56	19.3	12.0
Education teachers	44.05	35.8	29.3	43.06	35.6	35.8	-	-	-
English teachers	31.55	7.7	28.3	31.63	8.7	39.5	31.13	13.6	10.9
Foreign language teachers	31.43	7.6	29.7	-	-	-	-	-	-
Teachers, post secondary, subject not specified ..	31.03	21.4	34.3	31.14	21.8	36.1	-	-	-
Teachers, post secondary, n.e.c.	29.53	7.4	34.1	29.85	7.7	37.6	24.84	12.4	14.3
Teachers, except college and university	16.64	4.8	32.1	16.56	5.1	39.4	17.44	8.1	11.9
Prekindergarten and kindergarten	11.58	6.9	38.6	11.55	7.1	39.4	13.11	11.9	19.0
Elementary school teachers	18.27	6.6	37.6	18.35	6.8	38.8	15.72	19.3	18.0
Secondary school teachers	22.03	8.6	37.5	22.07	9.0	39.4	20.97	8.7	16.6
Teachers, n.e.c.	18.31	6.8	22.5	18.26	7.9	39.7	18.46	10.9	10.2
Substitute teachers	11.76	9.5	18.5	-	-	-	10.95	8.8	16.2
Vocational and educational counselors	14.33	7.4	36.6	14.33	8.2	39.8	14.34	4.2	21.4
Librarians, archivists, and curators	24.31	9.2	36.4	26.17	7.1	40.9	-	-	-
Librarians	21.24	10.7	33.1	23.75	4.7	39.1	-	-	-
Social scientists and urban planners	25.16	8.1	35.3	26.06	7.5	40.8	17.10	20.8	16.0
Economists	29.62	5.1	41.3	29.62	5.1	41.3	-	-	-
Psychologists	18.57	11.3	28.8	19.09	12.2	39.9	17.07	21.0	16.0
Social, recreation, and religious workers	16.21	6.8	39.5	16.28	7.6	42.3	15.65	6.7	25.3
Social workers	18.17	4.6	37.6	18.47	4.7	40.1	15.97	7.3	25.7
Recreation workers	11.91	7.4	38.9	12.12	7.7	40.0	-	-	-

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Lawyers and judges	\$41.75	6.1	40.6	\$41.83	6.1	41.0	–	–	–
Lawyers	41.75	6.1	40.6	41.83	6.1	41.0	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	32.74	15.6	34.4	35.38	15.9	41.4	\$13.95	13.1	15.6
Technical writers	32.14	20.5	39.7	32.27	20.5	40.0	–	–	–
Designers	25.50	10.6	41.5	25.96	10.4	41.9	–	–	–
Musicians and composers	19.79	17.4	15.4	–	–	–	19.21	24.0	12.9
Actors and directors	57.29	25.0	33.3	61.92	23.8	41.7	–	–	–
Painters, sculptors, craft artists, and artist printmakers	34.40	25.6	42.1	–	–	–	–	–	–
Photographers	27.87	19.2	41.3	27.87	19.2	41.3	–	–	–
Editors and reporters	28.70	16.4	40.3	29.00	16.5	41.4	–	–	–
Public relations specialists	21.19	8.9	32.7	21.82	11.3	41.4	–	–	–
Professional, n.e.c.	26.12	5.3	39.9	26.13	5.5	40.3	–	–	–
Technical	21.07	2.7	37.4	21.41	2.8	39.1	16.97	4.5	24.6
Clinical laboratory technologists and technicians	18.91	4.0	38.0	18.97	4.2	39.7	18.18	11.2	24.8
Health record technologists and technicians	12.86	9.7	35.7	13.18	11.6	39.7	11.41	4.3	24.4
Radiological technicians	19.81	2.6	33.5	19.69	3.2	39.8	20.01	3.3	26.6
Licensed practical nurses	15.30	4.2	34.2	15.36	5.1	38.9	15.05	3.0	22.8
Health technologists and technicians, n.e.c.	15.69	6.0	35.8	15.75	6.8	39.7	15.35	9.0	21.9
Electrical and electronic technicians	19.99	3.0	39.6	19.83	2.8	40.0	23.69	20.4	32.5
Mechanical engineering technicians	19.52	4.3	39.9	19.52	4.3	39.9	–	–	–
Engineering technicians, n.e.c.	20.67	5.8	39.4	20.80	5.9	40.2	–	–	–
Drafters	24.52	9.3	39.8	24.62	9.3	40.2	–	–	–
Biological technicians	15.69	12.1	40.0	15.69	12.1	40.0	–	–	–
Chemical technicians	18.92	12.4	40.6	18.92	12.4	40.6	–	–	–
Science technicians, n.e.c.	21.51	2.0	40.0	21.52	2.0	40.0	–	–	–
Airplane pilots and navigators	76.31	18.5	23.6	76.96	18.5	23.6	–	–	–
Broadcast equipment operators	14.14	10.3	36.4	–	–	–	–	–	–
Computer programmers	26.66	7.2	39.1	27.27	6.9	40.0	–	–	–
Legal assistants	19.43	5.0	39.1	19.43	5.0	39.1	–	–	–
Technical and related, n.e.c.	19.68	4.9	39.1	19.85	5.0	39.8	14.45	12.6	26.3
Executive, administrative, and managerial	31.31	2.3	40.6	31.34	2.4	40.8	27.09	21.0	24.2
Executives, administrators, and managers	36.07	3.0	40.9	36.08	3.0	41.1	33.43	22.4	23.2
Financial managers	33.79	4.3	39.6	33.78	4.3	40.2	–	–	–
Personnel and labor relations managers	33.89	4.8	40.2	33.89	4.8	40.2	–	–	–
Purchasing managers	30.46	6.3	40.4	30.46	6.3	40.4	–	–	–
Managers, marketing, advertising, and public relations	37.78	4.6	41.1	37.78	4.6	41.1	–	–	–
Administrators, education and related fields	23.82	4.2	39.8	23.86	4.2	39.9	–	–	–
Managers, medicine and health	31.35	5.4	39.8	31.37	5.4	40.1	–	–	–
Managers, food servicing and lodging establishments	18.85	8.3	46.1	18.87	8.3	46.3	–	–	–
Managers, properties and real estate	22.41	28.1	41.0	22.41	28.1	41.0	–	–	–
Managers, service organizations, n.e.c.	25.24	8.7	39.1	24.20	7.6	41.0	–	–	–
Managers and administrators, n.e.c.	39.93	4.6	41.2	39.93	4.6	41.2	–	–	–
Management related	23.55	2.0	40.1	23.59	2.0	40.3	19.34	14.3	25.5
Accountants and auditors	22.33	2.0	39.8	22.34	2.1	39.9	–	–	–
Underwriters	25.82	12.8	38.6	25.82	12.8	38.6	–	–	–
Other financial officers	24.67	4.9	40.9	24.67	4.9	40.9	–	–	–
Management analysts	25.97	4.6	40.8	25.97	4.6	40.8	–	–	–
Personnel, training, and labor relations specialists	25.38	11.3	39.9	25.67	11.6	40.6	–	–	–
Buyers, wholesale and retail trade, except farm products	21.17	9.2	40.3	21.17	9.2	40.3	–	–	–
Purchasing agents and buyers, n.e.c.	22.80	3.0	40.8	22.82	3.0	40.8	–	–	–
Inspectors and compliance officers, except construction	25.40	15.2	41.7	25.40	15.2	41.7	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Executive, administrative, and managerial –Continued									
Management related –Continued									
Management related, n.e.c.	\$23.18	2.7	39.7	\$23.21	2.7	40.1	\$20.90	5.8	20.2
Sales	15.11	4.6	32.6	17.41	4.9	40.1	8.24	2.5	20.9
Supervisors, sales	22.48	9.8	40.7	22.64	9.8	41.2	–	–	–
Insurance sales	18.70	21.7	39.6	18.70	21.7	39.6	–	–	–
Advertising and related sales	21.54	10.5	35.8	22.27	10.4	40.0	10.87	21.1	14.0
Sales, other business services	20.11	20.0	35.9	21.25	19.8	40.3	6.99	9.5	15.9
Sales engineers	26.60	9.7	40.8	26.60	9.7	40.8	–	–	–
Sales representatives, mining, manufacturing, and wholesale	26.12	5.9	40.0	26.37	5.9	40.4	–	–	–
Sales workers, motor vehicles and boats	20.08	5.2	42.3	20.08	5.2	42.3	–	–	–
Sales workers, apparel	8.62	6.7	25.3	9.77	10.6	37.8	7.54	3.6	19.3
Sales workers, shoes	10.64	8.0	27.7	12.48	5.0	38.9	7.69	10.5	19.0
Sales workers, furniture and home furnishings ..	9.02	6.5	25.4	10.83	9.1	38.1	7.59	5.2	20.0
Sales workers, radio, tv, hi-fi, and appliances ...	10.34	9.2	38.7	10.27	9.5	39.0	–	–	–
Sales workers, hardware and building supplies ..	–	–	–	12.64	9.5	40.2	–	–	–
Sales workers, parts	15.11	6.8	37.5	15.79	5.3	40.2	–	–	–
Sales workers, other commodities	10.73	5.2	30.7	12.27	6.2	39.1	7.49	2.0	21.1
Sales counter clerks	8.48	15.3	28.3	10.75	8.3	39.3	–	–	–
Cashiers	10.22	2.9	30.7	10.83	3.6	39.5	9.30	4.2	23.0
Street and door-to-door sales workers	10.85	6.7	35.2	–	–	–	–	–	–
Demonstrators, promoters, and models, sales ..	7.38	5.4	15.7	–	–	–	–	–	–
Sales support, n.e.c.	14.22	8.0	33.3	16.30	6.6	39.9	9.06	7.1	23.5
Administrative support, including clerical	12.99	1.1	36.8	13.36	1.1	39.7	9.60	2.0	22.2
Supervisors, general office	17.34	4.0	40.2	17.40	4.0	40.4	–	–	–
Supervisors, financial records processing	19.39	4.8	39.4	19.39	4.8	39.4	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	19.75	6.9	40.3	19.75	6.9	40.3	–	–	–
Computer operators	17.38	4.0	39.7	17.38	4.0	39.7	–	–	–
Secretaries	15.12	1.7	38.4	15.33	1.6	39.6	11.95	6.4	26.2
Stenographers	13.77	4.9	38.5	13.50	4.9	40.0	–	–	–
Typists	14.41	5.9	36.3	15.41	4.7	39.7	–	–	–
Interviewers	11.43	4.3	35.7	11.26	5.1	39.7	12.13	3.2	24.7
Hotel clerks	10.06	7.9	37.9	10.17	8.2	39.6	8.08	5.6	20.9
Transportation ticket and reservation agents	13.16	6.2	36.6	13.17	6.0	40.0	13.07	9.3	23.2
Receptionists	9.93	1.8	36.0	10.12	1.8	39.5	8.57	4.7	22.0
Information clerks, n.e.c.	11.30	2.8	34.5	12.05	3.4	39.9	9.80	2.3	27.2
Order clerks	12.20	2.8	36.8	12.49	2.8	39.8	10.19	8.0	24.3
Personnel clerks, except payroll and timekeeping	13.60	4.3	39.3	13.55	4.3	39.7	–	–	–
Library clerks	13.17	5.7	32.5	13.55	6.1	39.6	10.06	4.2	13.1
File clerks	9.02	3.6	34.7	9.26	4.3	39.6	8.03	4.9	22.8
Records clerks, n.e.c.	12.72	5.2	37.4	12.81	5.4	39.6	11.64	13.3	21.8
Bookkeepers, accounting and auditing clerks ...	13.16	1.6	39.1	13.21	1.6	39.6	10.77	5.9	25.8
Payroll and timekeeping clerks	13.74	4.9	39.4	13.83	4.9	39.8	–	–	–
Billing clerks	11.72	3.8	39.2	11.79	3.9	39.9	–	–	–
Billing, posting, and calculating machine operators	11.61	14.7	31.0	15.12	14.0	40.0	7.70	1.9	24.8
Duplicating machine operators	–	–	–	–	–	–	8.06	4.1	24.2
Office machine operators, n.e.c.	10.74	15.6	38.3	–	–	–	–	–	–
Telephone operators	9.79	4.4	37.7	9.95	4.5	39.5	8.35	12.5	26.8
Mail clerks, except postal service	9.77	7.2	36.7	10.40	6.1	39.6	6.19	29.7	26.0
Messengers	10.73	8.7	37.5	10.83	8.9	38.8	–	–	–
Dispatchers	13.32	7.8	38.6	13.28	8.3	40.0	–	–	–
Production coordinators	16.35	5.0	39.9	16.36	5.0	39.9	–	–	–
Traffic, shipping and receiving clerks	11.42	4.2	38.5	11.50	4.4	39.8	9.65	8.9	22.6
Stock and inventory clerks	11.99	4.0	34.9	12.40	4.3	39.8	8.72	7.4	17.7
Meter readers	17.23	3.4	40.0	17.23	3.4	40.0	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Expeditors	\$14.23	10.0	39.9	\$14.30	10.0	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.38	5.5	36.6	14.05	5.7	39.8	\$9.59	6.2	25.0
Insurance adjusters, examiners, and investigators	15.37	5.6	38.7	15.39	5.6	38.7	—	—	—
Investigators and adjusters, except insurance ...	13.64	5.9	38.7	13.85	6.1	39.9	10.34	5.0	25.5
Eligibility clerks, social welfare	13.01	6.9	39.2	13.01	6.9	39.2	—	—	—
Bill and account collectors	12.01	5.6	38.1	12.17	5.6	39.6	—	—	—
General office clerks	11.77	2.1	34.8	12.26	2.2	39.7	9.15	4.7	20.9
Bank tellers	9.16	1.8	22.6	9.63	4.4	39.7	8.90	.9	18.3
Proofreaders	12.84	7.1	39.6	12.84	7.1	39.6	—	—	—
Data entry keyers	11.86	4.0	36.4	12.10	4.2	39.6	10.09	8.3	22.7
Statistical clerks	14.29	9.0	35.4	14.49	9.0	39.9	—	—	—
Teachers' aides	9.46	12.4	30.5	10.23	17.5	36.6	8.26	3.4	24.2
Administrative support, n.e.c.	13.21	2.7	36.8	13.68	2.8	39.9	8.78	7.3	21.1
Blue collar	13.34	2.1	38.3	13.60	2.2	39.9	9.08	4.6	23.1
Precision production, craft, and repair	17.83	2.5	39.6	17.84	2.5	39.9	16.56	18.5	25.2
Supervisors, mechanics and repairers	23.59	3.1	40.3	23.59	3.1	40.3	—	—	—
Automobile mechanics	17.99	4.2	39.9	18.00	4.2	40.0	—	—	—
Automobile mechanic apprentices	10.24	12.6	39.6	10.28	12.7	39.9	—	—	—
Bus, truck, and stationary engine mechanics	17.69	3.7	40.0	17.69	3.7	40.0	—	—	—
Aircraft engine mechanics	20.89	6.7	39.8	20.90	6.7	40.0	—	—	—
Automobile body and related repairers	16.35	18.1	40.0	16.35	18.1	40.0	—	—	—
Aircraft mechanics, except engine	21.30	1.6	40.0	21.32	1.6	40.0	—	—	—
Heavy equipment mechanics	21.64	7.0	40.0	21.64	7.0	40.0	—	—	—
Industrial machinery repairers	18.20	2.6	39.3	18.20	2.6	39.3	—	—	—
Machinery maintenance	13.75	7.6	38.9	13.74	7.6	39.2	—	—	—
Electronic repairers, communications and industrial equipment	17.27	5.1	39.9	17.27	5.1	39.9	—	—	—
Household appliance and power tool repairers	19.06	11.5	37.5	20.05	9.2	40.1	—	—	—
Heating, air conditioning, and refrigeration mechanics	23.21	18.1	35.8	17.48	8.0	39.7	—	—	—
Millwrights	17.86	2.8	39.6	17.86	2.8	39.6	—	—	—
Mechanics and repairers, n.e.c.	16.28	3.4	39.6	16.28	3.4	39.8	—	—	—
Supervisors, electricians and power transmission installers	29.77	7.3	39.2	29.77	7.3	39.2	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	20.65	13.8	40.0	20.65	13.8	40.0	—	—	—
Supervisors, construction trades, n.e.c.	22.44	6.3	38.7	22.23	6.7	40.0	—	—	—
Carpenters	19.45	4.1	39.1	19.56	4.0	39.6	—	—	—
Carpenter apprentices	13.69	5.8	40.0	13.69	5.8	40.0	—	—	—
Electricians	21.12	6.7	40.0	21.12	6.7	40.0	—	—	—
Electrician apprentices	16.29	5.2	40.0	16.29	5.2	40.0	—	—	—
Electrical power installers and repairers	25.00	4.7	40.0	25.00	4.7	40.0	—	—	—
Painters, construction and maintenance	12.23	17.0	40.1	12.23	17.0	40.1	—	—	—
Plumbers, pipefitters and steamfitters	18.83	6.6	40.0	18.83	6.6	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	14.62	9.4	40.0	14.62	9.4	40.0	—	—	—
Structural metal workers	23.02	8.1	34.9	—	—	—	—	—	—
Construction trades, n.e.c.	14.33	12.1	39.7	14.34	12.1	39.8	—	—	—
Drillers, oil well	21.07	10.6	41.1	21.07	10.6	41.1	—	—	—
Supervisors, production	22.16	8.5	40.1	22.16	8.5	40.1	—	—	—
Tool and die makers	17.86	6.2	40.0	17.86	6.2	40.0	—	—	—
Machinists	19.02	3.5	39.8	19.02	3.5	39.8	—	—	—
Layout workers	16.40	4.9	40.0	16.40	4.9	40.0	—	—	—
Sheet metal workers	22.76	5.4	40.0	22.76	5.4	40.0	—	—	—
Patternmakers, layout workers, and cutters	18.07	14.8	40.0	18.07	14.8	40.0	—	—	—
Electrical and electronic equipment assemblers	9.93	3.5	39.9	9.97	3.5	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	18.16	11.9	39.8	18.16	11.9	39.8	—	—	—

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair –Continued									
Butchers and meat cutters	\$12.89	9.8	39.0	\$12.86	10.5	39.9	\$13.34	14.3	29.4
Bakers	11.43	8.2	35.7	11.08	10.7	40.0	12.49	2.1	26.8
Food batchmakers	10.03	10.6	39.9	9.86	9.6	39.9	–	–	–
Inspectors, testers, and graders	16.47	6.5	39.6	16.55	6.5	40.0	–	–	–
Water and sewer treatment plant operators	15.21	5.9	40.0	15.21	5.9	40.0	–	–	–
Stationary engineers	20.99	6.0	40.0	20.99	6.0	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	23.54	1.2	40.4	23.54	1.2	40.4	–	–	–
Machine operators, assemblers, and inspectors	10.98	2.2	39.2	11.03	2.3	39.8	8.23	5.9	22.2
Lathe and turning machine operators	14.72	14.8	40.0	14.72	14.8	40.0	–	–	–
Punching and stamping press operators	10.40	8.6	40.0	10.40	8.6	40.0	–	–	–
Drilling and boring machine operators	13.99	11.5	39.9	13.99	11.5	39.9	–	–	–
Grinding, abrading, buffing, and polishing machine operators	10.08	9.1	39.9	10.08	9.1	39.9	–	–	–
Numerical control machine operators	15.90	5.9	40.0	15.90	5.9	40.0	–	–	–
Fabricating machine operators, n.e.c.	13.04	7.8	40.0	13.04	7.8	40.0	–	–	–
Molding and casting machine operators	8.88	10.2	39.7	9.04	10.7	39.7	–	–	–
Metal plating machine operators	12.90	6.7	40.0	12.90	6.7	40.0	–	–	–
Printing press operators	15.64	10.5	38.9	15.63	10.6	38.9	–	–	–
Photoengravers and lithographers	15.89	13.5	38.6	15.89	13.5	38.6	–	–	–
Typesetters and compositors	14.44	10.1	38.5	14.44	10.1	38.5	–	–	–
Textile cutting machine operators	9.94	4.7	40.0	9.94	4.7	40.0	–	–	–
Textile sewing machine operators	7.89	7.5	38.3	7.92	7.7	39.6	–	–	–
Laundering and dry cleaning machine operators	7.48	3.3	37.9	7.55	3.4	39.1	–	–	–
Packaging and filling machine operators	10.52	7.2	35.5	10.64	8.3	39.9	–	–	–
Extruding and forming machine operators	10.79	4.6	40.0	10.79	4.6	40.0	–	–	–
Mixing and blending machine operators	10.67	9.8	39.5	10.58	9.9	40.1	–	–	–
Separating, filtering, and clarifying machine operators	15.91	2.1	40.0	15.91	2.1	40.0	–	–	–
Painting and paint spraying machine operators	11.18	14.9	39.9	11.18	14.9	39.9	–	–	–
Folding machine operators	16.78	3.1	40.0	16.78	3.1	40.0	–	–	–
Furnace, kiln, and oven operators, except food	11.95	6.3	40.0	11.95	6.3	40.0	–	–	–
Crushing and grinding machine operators	12.84	8.0	40.0	12.84	8.0	40.0	–	–	–
Slicing and cutting machine operators	9.77	7.9	38.7	10.10	8.4	39.9	–	–	–
Photographic process machine operators	10.14	5.6	37.2	10.17	5.8	39.2	–	–	–
Miscellaneous machine operators, n.e.c.	10.63	4.0	39.5	10.65	4.1	39.8	8.81	14.7	23.1
Welders and cutters	15.56	6.8	40.0	15.56	6.8	40.0	–	–	–
Solders and braziers	8.33	8.6	40.0	8.33	8.6	40.0	–	–	–
Assemblers	10.21	3.6	39.0	10.27	3.6	39.9	6.83	2.5	15.4
Hand cutting and trimming	6.44	11.7	38.0	6.41	12.2	39.4	–	–	–
Hand painting, coating, and decorating	7.31	8.8	40.0	7.31	8.8	40.0	–	–	–
Miscellaneous hand working, n.e.c.	8.37	4.7	39.9	8.38	4.8	40.0	–	–	–
Production inspectors, checkers and examiners	11.70	5.2	39.2	11.74	5.3	39.7	–	–	–
Production testers	11.49	5.3	40.0	11.49	5.3	40.0	–	–	–
Graders and sorters, except agricultural	11.07	8.4	39.1	11.07	8.4	39.1	–	–	–
Transportation and material moving	14.40	5.0	37.9	14.74	5.2	40.6	9.74	4.8	20.2
Supervisors, motor vehicle operators	20.28	13.8	40.7	20.28	13.8	40.7	–	–	–
Truck drivers	14.10	4.2	39.7	14.14	4.3	41.0	12.88	7.7	21.2
Driver-sales workers	12.29	9.5	34.4	13.29	7.8	40.0	7.43	9.7	20.4
Bus drivers	11.60	7.6	32.0	12.45	10.1	41.9	9.93	6.0	21.9
Taxicab drivers and chauffeurs	9.49	6.2	34.9	9.62	6.7	39.7	–	–	–
Parking lot attendants	8.32	9.7	34.5	8.76	12.0	40.0	7.26	5.4	25.8
Motor transportation, n.e.c.	7.44	10.1	29.3	7.67	13.5	39.8	6.54	2.6	14.4
Supervisors, material moving equipment	15.43	3.7	40.4	15.43	3.7	40.4	–	–	–
Operating engineers	24.13	4.1	39.9	24.13	4.1	39.9	–	–	–
Crane and tower operators	19.14	14.1	40.0	19.14	14.1	40.0	–	–	–
Excavating and loading machine operators	19.18	18.8	40.0	19.18	18.8	40.0	–	–	–
Grader, dozer, and scraper operators	19.59	13.9	40.0	19.59	13.9	40.0	–	–	–
Industrial truck and tractor equipment operators	11.93	5.1	39.4	12.01	5.2	39.9	–	–	–

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Transportation and material moving –Continued									
Miscellaneous material moving equipment operators, n.e.c.	\$17.29	11.1	37.1	\$17.80	11.3	39.9	–	–	–
Handlers, equipment cleaners, helpers, and laborers							\$8.24	4.0	23.8
Nursery workers	9.61	2.2	36.1	9.86	2.4	39.7	–	–	–
Supervisors, agriculture-related workers	7.42	6.8	40.5	7.51	7.4	40.2	–	–	–
Groundskeepers and gardeners, except farm ...	15.93	12.5	40.6	15.93	12.5	40.6	–	–	–
Animal caretakers, except farm	10.68	8.3	37.7	10.84	8.1	39.9	6.32	6.6	15.4
Inspectors, agricultural products	12.38	11.6	35.3	12.65	12.2	40.0	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	7.50	3.5	34.5	7.99	6.6	39.5	–	–	–
Helpers, mechanics and repairers	15.49	6.8	40.0	15.49	6.8	40.0	–	–	–
Helpers, construction trades	10.76	8.3	39.5	10.76	8.3	39.5	–	–	–
Construction laborers	10.63	9.8	38.6	10.83	10.7	40.0	–	–	–
Production helpers	12.10	11.5	39.6	12.18	11.7	39.9	–	–	–
Stock handlers and baggers	8.68	4.3	39.5	8.68	4.3	39.7	–	–	–
Machine feeders and offbearers	9.52	7.0	29.8	10.48	7.3	39.1	8.25	7.4	22.6
Freight, stock, and material handlers, n.e.c.	9.60	8.1	38.6	9.50	8.0	39.1	–	–	–
Garage and service station related	9.94	4.8	35.6	9.95	5.5	39.9	9.89	7.2	22.6
Vehicle washers and equipment cleaners	9.82	5.9	39.0	9.93	6.0	40.0	–	–	–
Hand packers and packagers	7.63	7.6	38.2	7.70	8.3	40.0	6.79	5.6	24.9
Laborers, except construction, n.e.c.	8.05	3.2	37.1	8.19	3.5	39.6	7.24	4.2	27.2
	9.91	5.3	37.4	10.28	6.1	39.9	7.28	4.6	25.6
Service	8.57	1.5	32.4	9.09	1.7	38.7	7.18	2.0	22.6
Protective service	8.52	4.3	36.1	8.87	5.6	39.8	7.62	2.7	29.1
Supervisors, guards	13.03	13.2	38.9	13.20	13.8	40.0	–	–	–
Guards and police, except public service	8.19	3.9	36.2	8.47	5.3	39.9	7.50	2.4	29.8
Protective service, n.e.c.	9.89	14.3	25.2	11.30	17.9	38.3	6.97	6.3	14.8
Food service	7.57	1.6	30.0	8.28	1.9	38.7	6.52	1.5	22.6
Supervisors, food preparation and service	12.31	4.9	39.3	12.65	4.5	41.1	–	–	–
Bartenders	7.33	3.8	31.3	8.38	3.0	36.2	6.45	2.0	28.1
Waiters and waitresses	5.98	1.8	26.6	6.00	1.8	36.7	5.97	2.4	22.1
Cooks	9.68	3.3	37.6	9.77	3.6	39.8	8.99	6.7	26.5
Food counter, fountain, and related	6.47	3.4	24.9	6.49	4.9	37.7	6.45	4.8	20.0
Kitchen workers, food preparation	7.82	2.7	32.1	7.95	3.4	39.2	7.59	4.7	24.2
Waiters/Waitresses' assistants	6.36	3.5	28.4	6.56	5.5	37.2	6.14	4.3	22.6
Food preparation, n.e.c.	6.94	2.1	29.1	7.37	2.5	38.9	6.44	2.0	22.3
Health service	9.56	2.0	34.6	9.48	2.3	39.0	10.01	3.2	20.5
Health aides, except nursing	11.57	2.4	32.7	11.66	2.6	39.7	11.11	4.9	17.3
Nursing aides, orderlies and attendants	9.01	2.2	35.1	8.90	2.5	38.9	9.65	3.8	21.9
Cleaning and building service	8.63	2.6	36.1	8.88	2.7	39.7	6.96	3.7	22.6
Supervisors, cleaning and building service workers	13.00	6.9	40.2	13.00	6.9	40.2	–	–	–
Maids and housemen	8.10	3.3	35.3	8.24	3.6	39.1	6.89	3.5	19.9
Janitors and cleaners	8.39	3.5	36.0	8.64	3.6	39.8	6.93	4.5	23.3

See footnotes at end of table.

Table 4. Selected occupations, Pacific, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Personal service	\$10.17	6.1	28.1	\$11.16	6.9	35.3	\$7.90	8.4	19.2
Supervisors, personal service	13.22	9.1	38.0	14.04	7.4	41.0	–	–	–
Attendants, amusement, and recreation facilities	7.02	4.0	29.9	7.08	2.5	36.6	6.90	9.4	22.5
Guides	11.90	10.6	32.5	–	–	–	–	–	–
Ushers	6.24	2.4	10.5	–	–	–	6.24	2.4	10.5
Public transportation attendants	24.24	13.8	22.5	24.12	13.5	22.7	–	–	–
Baggage porters and bellhops	7.40	6.9	35.2	7.25	7.6	39.6	7.89	9.7	25.8
Welfare service aides	8.61	6.7	27.2	9.86	5.1	39.1	6.84	5.1	19.0
Early childhood teachers' assistants	8.38	4.0	32.4	8.78	2.6	38.5	7.24	4.8	22.3
Child care workers, n.e.c.	9.02	8.9	26.1	10.83	8.5	40.0	7.34	6.0	19.7
Service, n.e.c.	9.07	10.1	28.0	9.00	6.6	39.6	9.19	20.4	18.6

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ In this census division, collection was conducted between January 1998 and April

1999. The average reference period was June 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 5. Selected occupations, Pacific, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$21.26	1.0	35.5	\$21.87	1.1	39.3	\$15.53	3.8	18.6
All excluding sales	21.27	1.0	35.5	21.88	1.1	39.3	15.52	3.7	18.6
White collar	22.68	1.0	35.2	23.20	1.1	38.8	17.83	4.3	18.7
White collar excluding sales	22.71	1.0	35.2	23.22	1.1	38.8	17.85	4.1	18.7
Professional specialty and technical	27.53	1.2	34.2	27.83	1.2	37.9	24.37	4.1	16.7
Professional specialty	28.94	1.2	33.9	29.23	1.2	37.7	25.84	3.8	16.0
Engineers, architects, and surveyors	28.08	3.8	40.5	28.08	3.8	40.5	-	-	-
Civil engineers	28.17	4.7	40.0	28.17	4.7	40.0	-	-	-
Engineers, n.e.c.	26.21	12.6	43.4	26.21	12.6	43.4	-	-	-
Mathematical and computer scientists	24.38	5.6	39.8	24.38	5.7	40.2	-	-	-
Computer systems analysts and scientists	24.44	5.7	39.8	24.41	5.8	40.2	-	-	-
Natural scientists	23.35	4.2	40.0	23.38	4.2	40.2	-	-	-
Chemists, except biochemists	25.59	3.0	40.0	25.59	3.0	40.0	-	-	-
Physical scientists, n.e.c.	22.02	2.2	40.1	22.02	2.2	40.1	-	-	-
Biological and life scientists	24.39	4.5	39.2	24.39	4.5	39.2	-	-	-
Health related	25.45	3.3	34.4	24.98	3.2	40.5	27.02	4.9	23.1
Physicians	27.76	16.3	45.5	26.46	16.9	48.4	-	-	-
Registered nurses	25.24	3.7	32.8	24.66	2.6	39.5	26.58	5.6	23.6
Pharmacists	36.54	5.4	34.4	-	-	-	-	-	-
Dietitians	20.38	4.9	36.9	20.29	5.2	40.0	-	-	-
Respiratory therapists	18.89	7.3	29.0	-	-	-	-	-	-
Occupational therapists	20.85	12.0	32.4	-	-	-	-	-	-
Physical therapists	22.66	5.4	38.2	22.79	5.9	40.0	-	-	-
Speech therapists	26.43	12.6	36.8	26.32	13.5	38.4	-	-	-
Teachers, college and university	33.83	2.3	26.6	34.47	2.5	41.5	31.75	5.6	12.4
Earth, environmental, and marine science teachers	24.31	12.1	36.4	-	-	-	-	-	-
Biological science teachers	39.75	6.4	19.9	-	-	-	-	-	-
Chemistry teachers	41.19	7.1	37.7	-	-	-	-	-	-
Engineering teachers	43.78	9.6	31.6	-	-	-	-	-	-
Mathematical science teachers	39.80	8.4	23.2	41.10	9.0	39.6	33.42	3.3	7.6
Computer science teachers	30.63	12.4	33.1	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	43.54	2.9	28.2	-	-	-	35.23	13.5	8.6
Art, drama, and music teachers	33.99	3.6	29.9	-	-	-	-	-	-
Physical education teachers	35.43	8.9	18.2	-	-	-	28.73	15.6	7.3
Education teachers	28.03	2.8	34.9	-	-	-	-	-	-
English teachers	32.38	7.4	25.7	31.81	8.0	38.5	34.42	10.0	11.8
Foreign language teachers	36.76	6.9	23.4	-	-	-	-	-	-
Trade and industrial teachers	31.41	11.7	24.1	-	-	-	-	-	-
Teachers, post secondary, subject not specified	32.22	9.0	19.8	33.78	10.2	39.7	27.96	14.1	8.3
Teachers, post secondary, n.e.c.	33.75	4.1	22.2	35.10	4.0	37.3	31.56	8.0	13.4
Teachers, except college and university	31.25	1.5	32.9	31.72	1.5	35.7	22.89	8.6	13.6
Prekindergarten and kindergarten	27.22	6.8	27.7	28.72	5.9	36.1	-	-	-
Elementary school teachers	32.17	1.9	34.7	32.14	1.9	35.4	34.68	20.6	13.7
Secondary school teachers	32.03	2.0	35.7	32.06	2.0	36.0	30.15	9.2	20.6
Teachers, special education	30.95	2.8	35.5	30.99	2.8	35.9	-	-	-
Teachers, n.e.c.	30.52	6.0	27.6	31.05	6.9	35.5	27.97	15.2	13.3
Substitute teachers	15.28	4.8	12.8	-	-	-	15.30	4.8	12.8
Vocational and educational counselors	29.33	9.4	36.5	29.48	9.5	37.2	22.19	25.0	19.3
Librarians, archivists, and curators	26.44	4.5	37.9	26.46	4.7	38.8	-	-	-
Librarians	27.29	4.3	37.7	27.35	4.5	38.7	-	-	-
Social scientists and urban planners	27.02	7.6	37.5	27.56	7.6	39.4	-	-	-
Psychologists	27.47	9.7	36.8	28.22	9.6	39.2	-	-	-
Urban planners	25.18	3.3	40.0	25.18	3.3	40.0	-	-	-
Social, recreation, and religious workers	19.69	4.9	37.1	19.89	5.2	40.0	17.22	8.6	19.9
Social workers	20.02	5.2	38.3	20.02	5.6	40.0	20.04	4.3	23.9
Recreation workers	16.32	8.1	28.1	18.40	4.2	40.0	8.08	6.3	12.9
Lawyers and judges	34.69	7.8	41.1	34.69	7.8	41.1	-	-	-
Lawyers	34.02	9.4	41.6	34.02	9.4	41.6	-	-	-
Judges	37.99	10.4	38.9	37.99	10.4	38.9	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	20.96	6.1	34.1	19.70	6.2	40.3	26.48	10.4	20.3
Public relations specialists	22.21	9.2	39.0	22.21	9.2	39.0	-	-	-

See footnotes at end of table.

Table 5. Selected occupations, Pacific, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued									
Professional, n.e.c.	\$22.51	13.7	38.7	–	–	–	–	–	–
Technical	17.52	3.0	36.8	\$17.68	2.8	39.7	\$16.14	14.0	22.5
Clinical laboratory technologists and technicians	18.51	6.4	37.5	18.37	6.8	40.0	–	–	–
Health record technologists and technicians	14.75	11.0	27.1	–	–	–	–	–	–
Radiological technicians	23.30	9.8	23.2	–	–	–	25.13	4.4	19.5
Licensed practical nurses	15.93	1.8	37.5	16.11	1.7	39.9	14.51	3.6	25.5
Health technologists and technicians, n.e.c.	16.09	2.7	38.2	15.98	2.8	40.0	17.37	3.8	25.5
Electrical and electronic technicians	24.96	5.2	40.0	24.96	5.2	40.0	–	–	–
Engineering technicians, n.e.c.	18.94	5.4	38.4	19.25	5.7	39.7	–	–	–
Surveying and mapping technicians	21.25	5.1	39.8	21.25	5.1	39.8	–	–	–
Biological technicians	11.67	9.3	29.5	12.62	10.2	39.2	–	–	–
Science technicians, n.e.c.	17.16	5.3	36.6	17.13	5.5	37.7	–	–	–
Computer programmers	22.78	7.2	39.8	22.78	7.2	39.8	–	–	–
Legal assistants	14.03	11.1	39.9	14.50	11.1	39.9	–	–	–
Technical and related, n.e.c.	16.96	5.0	37.3	17.19	5.3	39.7	13.95	2.8	20.9
Executive, administrative, and managerial	26.38	2.2	39.1	26.35	2.2	39.9	28.67	15.1	15.7
Executives, administrators, and managers	31.17	3.4	38.8	31.13	3.5	40.0	34.09	24.4	12.3
Legislators	24.71	28.5	10.0	–	–	–	–	–	–
Administrators and officials, public administration	29.07	4.9	39.9	28.97	4.9	40.4	–	–	–
Financial managers	34.25	6.7	40.0	34.25	6.7	40.0	–	–	–
Personnel and labor relations managers	30.03	15.3	39.4	30.03	15.3	39.4	–	–	–
Administrators, education and related fields	38.87	3.4	39.5	38.71	3.5	40.4	–	–	–
Managers, medicine and health	32.77	6.3	40.8	32.77	6.3	40.8	–	–	–
Managers, service organizations, n.e.c.	22.57	8.1	40.0	22.57	8.1	40.0	–	–	–
Managers and administrators, n.e.c.	28.72	10.1	39.5	28.84	10.2	40.0	–	–	–
Management related	21.72	2.0	39.4	21.70	2.0	39.8	23.29	15.1	21.7
Accountants and auditors	21.81	4.3	39.8	21.77	4.3	39.9	–	–	–
Management analysts	25.63	7.2	38.9	24.76	6.6	39.5	–	–	–
Personnel, training, and labor relations specialists	21.99	6.7	39.5	22.03	6.8	40.0	–	–	–
Purchasing agents and buyers, n.e.c.	19.34	2.5	39.1	19.34	2.5	39.1	–	–	–
Construction inspectors	24.22	3.4	39.8	24.22	3.4	39.8	–	–	–
Inspectors and compliance officers, except construction	20.64	4.8	39.3	20.67	4.9	39.9	–	–	–
Management related, n.e.c.	20.64	4.2	39.0	20.68	4.3	39.8	–	–	–
Sales	15.84	12.7	26.2	15.16	5.8	40.0	16.62	23.0	18.8
Cashiers	12.00	3.8	26.6	13.32	3.6	40.0	10.17	5.6	18.2
Administrative support, including clerical	13.84	1.4	35.1	14.22	1.5	39.6	11.63	2.6	21.2
Supervisors, general office	17.89	4.6	39.9	17.90	4.6	40.0	–	–	–
Supervisors, financial records processing	23.68	7.9	40.0	23.68	7.9	40.0	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	20.74	5.8	40.0	20.74	5.8	40.0	–	–	–
Computer operators	15.46	6.0	37.6	15.53	6.2	39.1	–	–	–
Secretaries	15.07	2.4	38.6	15.18	2.6	39.7	12.98	2.4	25.7
Stenographers	17.30	12.5	32.5	17.26	16.1	39.7	–	–	–
Typists	12.51	2.7	39.6	12.53	2.7	40.0	–	–	–
Receptionists	10.86	8.5	38.1	10.48	7.7	40.0	–	–	–
Information clerks, n.e.c.	14.24	4.1	36.3	14.69	4.1	40.0	–	–	–
Order clerks	17.78	5.5	38.1	18.16	5.1	40.0	–	–	–
Personnel clerks, except payroll and timekeeping	15.30	5.7	40.0	15.30	5.7	40.0	–	–	–
Library clerks	12.14	3.5	30.2	12.46	4.6	39.4	11.48	4.3	20.4
File clerks	12.84	4.4	38.9	12.89	4.5	40.0	–	–	–

See footnotes at end of table.

Table 5. Selected occupations, Pacific, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Administrative support, including clerical –Continued									
Records clerks, n.e.c.	\$12.38	2.6	38.9	\$12.36	2.7	39.8	–	–	–
Bookkeepers, accounting and auditing clerks ...	14.26	3.8	39.0	14.34	3.9	39.8	–	–	–
Payroll and timekeeping clerks	14.45	8.1	39.5	14.47	8.2	40.0	–	–	–
Billing clerks	14.01	6.9	40.0	14.01	6.9	40.0	–	–	–
Dispatchers	17.82	4.5	37.9	17.78	4.7	39.8	–	–	–
Stock and inventory clerks	14.47	7.2	39.7	14.50	7.6	40.0	–	–	–
Meter readers	17.13	9.9	36.8	18.23	9.3	40.0	–	–	–
Investigators and adjusters, except insurance ...	18.45	9.0	39.2	18.45	9.0	39.2	–	–	–
Eligibility clerks, social welfare	14.08	4.5	39.5	14.13	4.5	39.8	–	–	–
General office clerks	12.84	1.9	36.3	13.04	2.0	39.7	\$11.12	5.7	20.8
Data entry keyers	12.84	1.6	39.7	12.84	1.6	39.7	–	–	–
Teachers' aides	11.12	3.0	23.7	10.86	4.5	34.8	11.21	3.8	21.2
Administrative support, n.e.c.	14.94	2.9	37.0	15.07	3.1	39.9	13.42	10.0	20.4
Blue collar	18.06	2.2	38.6	18.35	2.2	39.8	11.80	4.9	22.7
Precision production, craft, and repair	21.02	2.3	39.8	21.05	2.3	39.9	–	–	–
Supervisors, mechanics and repairers	24.79	6.2	40.0	24.79	6.2	40.0	–	–	–
Automobile mechanics	18.67	5.6	40.0	18.67	5.6	40.0	–	–	–
Bus, truck, and stationary engine mechanics	19.04	2.3	40.0	19.04	2.3	40.0	–	–	–
Industrial machinery repairers	23.55	3.8	40.0	23.55	3.8	40.0	–	–	–
Electronic repairers, communications and industrial equipment	21.90	1.6	39.9	21.90	1.6	39.9	–	–	–
Mechanics and repairers, n.e.c.	18.93	5.5	39.0	19.15	5.5	39.7	–	–	–
Supervisors, plumbers, pipefitters, and steamfitters	28.11	2.2	40.0	28.11	2.2	40.0	–	–	–
Supervisors, construction trades, n.e.c.	26.36	8.2	40.0	26.36	8.2	40.0	–	–	–
Electricians	21.58	5.7	40.0	21.58	5.7	40.0	–	–	–
Electrical power installers and repairers	25.93	2.2	40.0	25.93	2.2	40.0	–	–	–
Painters, construction and maintenance	19.83	2.8	40.0	19.83	2.8	40.0	–	–	–
Plumbers, pipefitters and steamfitters	21.18	10.4	40.0	21.18	10.4	40.0	–	–	–
Construction trades, n.e.c.	16.26	3.4	39.9	16.27	3.4	40.0	–	–	–
Water and sewer treatment plant operators	20.64	3.6	40.0	20.64	3.6	40.0	–	–	–
Stationary engineers	21.81	7.0	40.0	21.81	7.0	40.0	–	–	–
Machine operators, assemblers, and inspectors	14.35	15.5	39.3	14.37	15.6	40.0	–	–	–
Transportation and material moving	16.23	2.6	36.3	16.67	2.8	39.3	12.98	2.0	23.2
Supervisors, motor vehicle operators	23.87	5.8	40.0	23.87	5.8	40.0	–	–	–
Truck drivers	16.10	3.9	39.5	16.09	4.0	39.9	–	–	–
Bus drivers	14.67	3.3	33.5	15.22	3.8	38.7	12.89	2.0	23.3
Operating engineers	19.02	7.1	39.8	19.02	7.1	39.8	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	19.73	7.9	39.1	19.97	7.9	40.0	–	–	–
Handlers, equipment cleaners, helpers, and laborers	14.45	2.9	38.5	14.73	3.0	40.0	9.16	8.1	22.0
Groundskeepers and gardeners, except farm ...	14.38	5.1	39.3	14.45	5.2	40.0	–	–	–
Helpers, mechanics and repairers	16.39	7.5	37.0	16.85	6.6	40.0	–	–	–
Construction laborers	14.31	8.5	37.1	15.85	1.0	40.0	–	–	–
Laborers, except construction, n.e.c.	14.41	6.3	39.4	14.47	6.3	40.0	–	–	–
Service	17.83	2.7	35.2	18.98	2.7	40.9	9.94	4.4	17.9
Protective service	21.56	2.5	38.8	22.09	2.3	41.7	9.33	13.8	14.9
Supervisors, firefighters and fire prevention	23.73	5.5	50.7	23.73	5.5	50.7	–	–	–
Supervisors, police and detectives	31.17	4.2	40.2	31.17	4.2	40.2	–	–	–
Firefighting	17.30	8.0	35.3	18.68	4.1	50.3	6.06	.0	10.3
Police and detectives, public service	24.07	2.3	39.7	24.14	2.3	40.0	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	20.63	4.0	39.6	20.99	3.6	40.0	–	–	–

See footnotes at end of table.

Table 5. Selected occupations, Pacific, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 1998–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Protective service –Continued									
Correctional institution officers	\$18.01	2.6	40.0	\$18.01	2.6	40.0	–	–	–
Crossing guards	10.35	13.6	19.9	–	–	–	\$10.35	13.6	19.9
Guards and police, except public service	13.36	4.4	33.5	14.39	3.0	38.5	10.92	7.0	25.6
Protective service, n.e.c.	15.29	10.8	28.6	16.29	10.1	40.0	10.35	3.6	11.9
Food service	11.06	2.3	26.7	11.85	3.1	38.8	9.99	3.9	18.9
Supervisors, food preparation and service	12.54	6.8	40.0	12.54	6.8	40.0	–	–	–
Cooks	12.27	4.8	32.7	13.06	4.1	39.6	10.00	5.4	21.7
Kitchen workers, food preparation	10.53	4.8	24.3	–	–	–	10.49	7.7	18.6
Food preparation, n.e.c.	10.25	4.4	24.5	10.73	6.7	37.5	9.78	5.6	18.3
Health service	11.86	4.0	33.2	12.08	4.5	39.9	11.19	6.6	22.0
Health aides, except nursing	12.76	5.3	34.2	13.45	4.9	40.0	9.65	8.3	20.7
Nursing aides, orderlies and attendants	11.29	4.2	32.7	11.07	5.1	39.8	11.82	4.7	22.6
Cleaning and building service	13.27	3.5	37.3	13.56	3.5	39.9	9.28	6.6	19.6
Supervisors, cleaning and building service workers	18.80	15.7	40.0	18.80	15.7	40.0	–	–	–
Maids and housemen	12.08	6.5	27.9	–	–	–	–	–	–
Janitors and cleaners	12.82	3.1	37.6	13.10	3.0	39.9	8.57	4.6	20.3
Personal service	10.91	6.2	21.7	12.55	12.7	36.1	9.92	5.3	17.5
Attendants, amusement, and recreation facilities	8.32	5.6	17.6	–	–	–	7.98	4.8	16.5
Welfare service aides	9.64	7.0	29.9	–	–	–	–	–	–
Early childhood teachers' assistants	9.57	4.8	22.9	8.81	8.4	36.8	9.99	4.5	18.9
Child care workers, n.e.c.	12.07	15.2	19.0	19.40	22.4	30.5	9.90	6.1	17.1
Service, n.e.c.	13.52	12.6	25.2	14.32	7.9	36.4	12.42	29.6	17.8

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ In this census division, collection was conducted between January 1998 and April

1999. The average reference period was June 1998.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.86	1.3	36.2	\$16.82	1.7	36.4	\$21.26	1.0	35.5
All excluding sales	18.06	1.3	36.5	16.99	1.7	36.8	21.27	1.0	35.5
White collar	21.63	1.2	36.3	21.22	1.7	36.8	22.68	1.0	35.2
1	6.97	2.0	26.7	6.94	2.1	26.4	7.35	4.8	31.0
2	9.16	1.8	29.8	9.10	2.1	31.3	9.60	2.4	22.9
3	10.28	1.3	31.7	9.99	1.5	31.7	11.55	1.8	31.9
4	12.34	1.1	36.4	12.25	1.2	36.6	12.68	1.5	35.7
5	14.86	1.2	37.6	14.96	1.3	38.4	14.59	1.9	35.7
6	17.78	2.9	37.8	17.11	2.8	38.9	19.38	6.4	35.3
7	19.80	1.6	37.9	19.69	1.9	38.6	20.02	2.8	36.5
8	22.37	1.6	37.7	21.48	1.7	38.5	24.57	2.9	35.8
9	27.05	1.1	36.5	25.94	1.9	37.9	28.26	1.3	35.1
10	28.67	2.0	38.0	29.41	2.9	39.3	27.68	2.4	36.3
11	33.51	1.8	39.3	33.82	2.2	39.9	32.57	3.0	37.8
12	38.01	1.5	39.6	37.96	1.7	40.4	38.34	2.0	35.2
13	47.10	2.1	39.1	47.22	2.3	39.6	46.35	4.0	36.3
14	59.41	4.5	41.2	61.07	4.8	41.4	47.53	7.5	39.9
15	88.76	9.7	42.2	88.76	9.7	42.2	-	-	-
Not able to be leveled	33.79	16.6	33.6	36.99	19.9	33.0	24.95	6.9	35.5
White collar excluding sales	22.49	1.2	36.9	22.39	1.7	37.7	22.71	1.0	35.2
1	7.32	3.0	27.5	7.32	3.4	26.9	7.29	4.3	31.9
2	9.33	1.4	31.4	9.28	1.7	33.8	9.60	2.4	22.9
3	10.69	1.2	33.9	10.38	1.3	34.6	11.56	1.9	32.2
4	12.64	1.0	37.2	12.64	1.1	37.8	12.67	1.5	35.7
5	14.58	1.1	37.4	14.58	1.2	38.2	14.58	1.9	35.7
6	17.56	2.5	37.6	16.69	1.3	38.7	19.39	6.4	35.3
7	19.82	1.6	37.7	19.71	2.0	38.4	20.03	2.8	36.6
8	22.34	1.7	37.5	21.31	1.8	38.2	24.56	2.9	36.0
9	26.84	.9	36.4	25.48	1.3	37.8	28.27	1.3	35.1
10	28.16	1.7	37.9	28.56	2.3	39.3	27.68	2.4	36.3
11	33.03	1.5	39.2	33.20	1.7	39.7	32.57	3.0	37.8
12	38.05	1.5	39.5	38.00	1.7	40.3	38.34	2.0	35.2
13	46.93	2.1	39.1	47.03	2.3	39.6	46.35	4.0	36.3
14	59.41	4.5	41.2	61.07	4.8	41.4	47.53	7.5	39.9
15	88.76	9.7	42.2	88.76	9.7	42.2	-	-	-
Not able to be leveled	34.33	16.8	33.9	37.86	20.1	33.3	24.95	6.9	35.5
Professional specialty and technical	27.27	1.3	35.8	27.10	2.1	37.0	27.53	1.2	34.2
Professional specialty	29.17	1.4	35.5	29.35	2.4	36.8	28.94	1.2	33.9
4	10.45	11.6	31.9	10.42	12.1	33.8	11.11	6.2	13.6
5	14.76	4.2	28.2	15.78	4.5	31.9	13.14	5.6	23.8
6	22.44	8.2	32.8	16.36	4.0	36.4	28.93	8.4	29.7
7	22.82	3.3	34.6	21.53	3.7	36.0	24.95	5.9	32.4
8	24.45	2.3	35.4	22.71	3.0	35.7	26.67	2.9	35.0
9	27.90	1.1	35.0	25.66	1.1	36.1	29.38	1.5	34.2
10	27.86	2.5	36.2	27.57	3.3	38.4	28.15	3.6	34.1
11	33.06	2.1	38.4	33.40	2.3	39.5	32.31	4.5	36.3
12	38.37	2.4	38.4	38.55	2.6	39.8	37.07	3.9	30.5
13	45.08	3.3	39.0	45.23	3.9	39.9	44.33	4.3	34.8
14	49.55	4.1	41.0	51.72	4.5	40.5	43.94	8.4	42.3
Not able to be leveled	37.94	19.7	32.0	43.05	25.3	29.1	27.97	6.7	39.8
Engineers, architects, and surveyors	31.66	1.3	40.5	32.08	1.3	40.4	28.08	3.8	40.5
5	18.80	2.4	39.5	18.86	2.6	39.4	-	-	-
6	20.05	4.2	40.6	19.38	3.9	40.7	-	-	-
7	24.82	4.1	40.0	24.78	4.3	40.1	-	-	-
8	23.25	3.5	40.0	24.02	3.5	40.0	-	-	-
9	27.29	1.5	40.3	27.40	1.6	40.4	26.67	3.3	39.8
10	29.75	5.0	40.6	31.23	4.5	39.6	25.62	11.5	43.7
11	32.68	1.6	40.4	32.65	1.5	40.4	32.99	7.1	39.9
12	37.69	2.3	40.6	37.77	2.3	40.6	-	-	-
13	42.75	2.6	41.6	43.05	2.9	41.7	-	-	-
14	49.63	3.7	40.3	49.63	3.7	40.3	-	-	-
Architects	36.32	12.3	41.4	37.91	12.7	41.9	-	-	-

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
Architects—Continued									
9	\$28.60	6.3	39.5	—	—	—	—	—	—
Aerospace engineers	32.70	4.4	40.3	\$32.70	4.4	40.3	—	—	—
9	23.79	4.9	40.4	23.79	4.9	40.4	—	—	—
11	30.59	2.5	40.0	30.59	2.5	40.0	—	—	—
12	35.25	3.3	40.6	35.25	3.3	40.6	—	—	—
Petroleum engineers	43.47	9.0	44.2	43.47	9.0	44.2	—	—	—
Nuclear engineers	34.39	1.2	40.7	34.66	1.1	40.8	—	—	—
Civil engineers	30.63	4.6	40.1	33.85	4.8	40.2	\$28.17	4.7	40.0
7	23.28	5.1	40.0	24.51	4.2	40.0	—	—	—
8	22.28	8.9	40.0	—	—	—	—	—	—
9	26.91	3.3	39.9	27.71	4.5	40.0	26.74	4.0	39.9
10	30.96	7.5	40.4	—	—	—	—	—	—
11	33.34	7.7	40.0	—	—	—	35.41	8.5	40.0
12	40.86	11.5	40.2	41.72	13.6	40.3	—	—	—
Electrical and electronic engineers	33.21	2.5	40.9	33.22	2.6	40.9	—	—	—
7	25.95	3.8	40.5	25.04	1.7	40.5	—	—	—
8	23.90	5.7	40.0	23.90	5.7	40.0	—	—	—
9	29.29	2.7	40.9	29.30	2.7	40.9	—	—	—
10	36.22	9.7	40.8	36.22	9.7	40.8	—	—	—
11	34.49	2.6	40.7	34.64	2.6	40.7	—	—	—
12	38.47	5.5	41.3	38.47	5.5	41.3	—	—	—
13	44.60	3.3	43.9	44.60	3.3	43.9	—	—	—
14	54.94	5.8	40.0	54.94	5.8	40.0	—	—	—
Industrial engineers	27.26	3.2	40.4	27.27	3.2	40.4	—	—	—
9	24.82	2.6	40.2	24.81	2.7	40.2	—	—	—
11	29.44	5.5	41.1	29.44	5.5	41.1	—	—	—
12	28.43	7.3	40.0	28.43	7.3	40.0	—	—	—
Mechanical engineers	29.00	3.9	40.9	28.84	4.0	40.9	—	—	—
9	28.51	2.2	41.4	28.51	2.2	41.4	—	—	—
11	31.42	6.8	40.0	31.42	6.8	40.0	—	—	—
12	35.12	2.9	41.6	35.35	3.1	41.8	—	—	—
Engineers, n.e.c.	31.40	2.2	40.2	31.70	2.1	40.1	26.21	12.6	43.4
7	26.55	9.6	40.0	26.55	9.6	40.0	—	—	—
8	22.63	8.8	40.0	22.63	8.8	40.0	—	—	—
9	27.15	2.9	40.0	27.27	3.0	40.0	—	—	—
10	26.81	8.4	41.0	29.18	4.4	38.4	—	—	—
11	32.51	2.6	40.0	32.75	2.6	40.1	—	—	—
12	37.47	2.3	40.1	37.54	2.4	40.1	—	—	—
13	41.61	6.0	40.5	41.56	6.1	40.5	—	—	—
14	49.55	5.2	41.0	49.55	5.2	41.0	—	—	—
Mathematical and computer scientists	31.11	4.4	40.2	32.44	4.5	40.3	24.38	5.6	39.8
6	19.86	3.7	39.9	19.86	3.7	39.9	—	—	—
7	22.43	6.2	39.9	24.51	3.4	40.0	18.11	1.2	39.7
8	24.59	4.1	40.0	24.59	4.1	40.0	—	—	—
9	27.48	3.1	40.2	28.24	3.0	40.3	23.71	3.3	39.5
10	27.83	2.4	39.5	27.98	2.5	40.0	27.60	5.0	38.8
11	34.29	7.0	40.8	36.43	7.3	40.7	25.17	1.4	41.4
12	40.35	6.8	40.2	40.47	6.8	40.2	—	—	—
13	46.61	8.8	41.5	46.61	8.8	41.5	—	—	—
Not able to be leveled	26.78	4.9	39.7	—	—	—	—	—	—
Computer systems analysts and scientists	31.62	4.6	40.3	33.18	4.7	40.4	24.44	5.7	39.8
7	22.65	7.1	40.0	25.19	3.5	40.0	18.07	1.0	40.0
8	24.93	4.6	40.0	24.94	4.7	40.0	—	—	—
9	27.83	3.3	40.2	28.68	3.1	40.3	23.80	3.6	39.4
10	28.09	2.3	39.5	28.43	2.3	40.0	27.60	5.0	38.8
11	34.36	7.5	40.9	36.72	7.8	40.8	25.17	1.4	41.4
12	40.58	7.1	40.2	40.71	7.1	40.3	—	—	—

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Mathematical and computer scientists –Continued									
Computer systems analysts and scientists –Continued									
13	\$46.61	8.8	41.5	\$46.61	8.8	41.5	–	–	–
Operations and systems researchers and analysts	26.38	5.8	40.0	26.38	5.8	40.0	–	–	–
6	18.56	2.5	39.8	18.56	2.5	39.8	–	–	–
9	24.04	4.9	40.0	24.04	4.9	40.0	–	–	–
Natural scientists	27.13	2.8	40.1	29.36	2.8	40.2	\$23.35	4.2	40.0
5	13.79	3.2	40.1	13.56	2.7	40.2	–	–	–
7	17.96	9.1	39.9	19.28	10.1	40.0	–	–	–
8	22.18	4.0	39.7	22.67	5.1	40.5	–	–	–
9	23.92	2.1	39.8	24.27	2.3	39.9	23.76	2.9	39.8
10	24.17	10.9	41.5	–	–	–	–	–	–
11	29.57	4.5	40.0	31.77	1.7	40.0	24.39	2.3	39.9
12	35.74	3.5	40.5	36.24	3.8	40.6	–	–	–
13	39.08	3.4	40.0	39.08	3.4	40.0	–	–	–
Chemists, except biochemists	27.41	5.7	40.4	28.72	7.6	40.7	25.59	3.0	40.0
9	24.61	2.5	39.8	–	–	–	–	–	–
Geologists and geodesists	30.50	6.0	40.0	–	–	–	–	–	–
Physical scientists, n.e.c.	29.35	3.2	40.0	31.14	2.8	40.0	22.02	2.2	40.1
9	23.76	4.5	40.0	–	–	–	–	–	–
11	30.37	4.5	40.0	31.74	1.7	40.0	–	–	–
Agricultural and food scientists	22.93	14.8	40.1	21.76	10.3	40.2	–	–	–
Biological and life scientists	23.67	3.9	39.8	23.03	6.0	40.4	24.39	4.5	39.2
9	24.41	3.6	39.2	–	–	–	–	–	–
Forestry and conservation scientists	21.32	5.4	40.6	–	–	–	–	–	–
Medical scientists	23.60	7.1	40.2	24.11	9.3	40.0	–	–	–
Health related	25.57	1.8	33.3	25.61	2.2	33.0	25.45	3.3	34.4
5	14.07	5.9	28.1	13.37	3.7	26.9	–	–	–
6	19.39	5.8	31.2	20.01	5.7	30.4	–	–	–
7	21.55	3.8	30.8	21.57	3.9	30.2	21.41	12.4	34.7
8	23.30	4.7	32.7	23.23	5.4	32.9	23.79	3.4	31.0
9	24.62	1.5	33.6	24.88	1.4	33.6	24.07	3.6	33.7
10	26.41	4.9	36.9	26.82	4.6	34.8	25.68	11.3	41.4
11	29.20	3.3	34.8	30.30	4.6	33.0	27.44	3.5	38.3
12	39.55	7.7	36.5	38.66	9.9	36.4	41.41	11.4	36.7
13	54.36	4.1	31.2	55.15	5.2	29.2	–	–	–
Not able to be leveled	40.32	25.0	32.3	38.61	33.4	32.1	–	–	–
Physicians	38.26	12.9	38.4	47.95	15.3	33.7	27.76	16.3	45.5
10	17.58	2.3	45.7	–	–	–	–	–	–
12	55.44	14.1	28.5	52.71	20.8	27.1	–	–	–
13	55.78	4.7	29.1	57.79	6.0	25.6	–	–	–
Not able to be leveled	40.53	39.3	36.1	–	–	–	–	–	–
Registered nurses	24.96	1.6	32.8	24.87	1.7	32.7	25.24	3.7	32.8
6	17.92	7.9	28.0	18.54	7.9	26.8	–	–	–
7	21.83	3.6	30.4	22.09	3.8	30.0	–	–	–
8	24.43	5.0	32.1	24.53	5.7	32.6	23.76	3.5	29.6
9	24.97	1.5	33.0	24.97	1.4	33.3	24.96	3.8	32.2
10	27.92	3.3	36.0	28.04	3.9	36.0	27.47	5.2	36.1
11	28.92	3.2	36.0	30.59	5.0	31.5	27.76	3.5	40.0
Pharmacists	33.34	4.9	33.2	32.41	5.2	32.9	36.54	5.4	34.4
10	36.09	7.7	35.0	–	–	–	–	–	–
11	34.70	3.0	29.1	34.71	3.1	31.4	–	–	–
12	37.99	3.4	38.7	–	–	–	–	–	–
Dietitians	18.84	4.7	37.7	18.31	6.0	38.0	20.38	4.9	36.9
8	17.90	7.2	37.7	17.84	8.6	37.2	–	–	–
Respiratory therapists	19.80	4.5	33.0	19.87	4.8	33.4	18.89	7.3	29.0
7	20.39	7.5	33.5	20.69	8.0	33.7	–	–	–

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Health related –Continued									
Respiratory therapists –Continued									
8	\$18.73	3.1	32.9	\$18.57	3.1	32.7	–	–	–
Occupational therapists	26.31	8.1	30.9	30.31	5.1	30.0	\$20.85	12.0	32.4
9	26.15	6.2	32.1	–	–	–	–	–	–
Physical therapists	24.22	3.7	33.2	25.30	3.2	30.5	22.66	5.4	38.2
7	26.23	7.1	20.7	–	–	–	–	–	–
9	23.33	3.7	37.9	24.62	3.1	36.4	–	–	–
Speech therapists	26.59	10.2	33.2	–	–	–	26.43	12.6	36.8
9	23.34	7.1	36.1	–	–	–	23.10	7.8	36.7
Therapists, n.e.c.	19.14	11.3	37.1	17.50	14.1	36.7	–	–	–
9	21.98	11.9	37.4	21.39	15.1	36.8	–	–	–
Physicians' assistants	23.43	20.6	37.6	23.43	20.6	37.6	–	–	–
Teachers, college and university	34.52	2.6	27.4	36.96	7.7	30.4	33.83	2.3	26.6
6	18.95	18.3	18.8	–	–	–	–	–	–
7	18.68	6.3	21.0	18.00	7.0	27.9	19.01	8.5	18.8
8	25.65	18.2	22.0	23.39	11.3	30.4	26.82	25.2	19.3
9	31.37	5.4	20.5	25.15	11.7	25.9	32.25	5.4	19.9
10	32.41	4.5	24.2	31.38	5.7	24.3	32.62	5.3	24.2
11	37.85	6.7	31.1	42.75	15.5	31.7	35.53	3.2	30.8
12	40.56	5.0	24.2	46.35	10.3	33.9	38.11	4.5	21.6
13	42.60	4.9	30.3	43.71	7.3	36.3	42.11	6.4	28.2
14	40.30	6.4	40.4	–	–	–	–	–	–
Earth, environmental, and marine science teachers	24.31	12.1	36.4	–	–	–	24.31	12.1	36.4
Biological science teachers	45.10	16.7	26.5	50.10	23.4	38.5	39.75	6.4	19.9
Chemistry teachers	52.91	17.0	38.6	–	–	–	41.19	7.1	37.7
Psychology teachers	30.19	9.0	22.7	27.19	9.5	18.9	–	–	–
Social science teachers, n.e.c.	33.77	7.9	36.1	36.32	7.4	37.1	–	–	–
Engineering teachers	42.77	9.1	31.1	–	–	–	43.78	9.6	31.6
Mathematical science teachers	39.11	8.4	22.8	–	–	–	39.80	8.4	23.2
10	31.37	3.3	14.3	–	–	–	32.16	1.7	13.9
Computer science teachers	32.15	11.9	33.6	–	–	–	30.63	12.4	33.1
Medical science teachers	33.52	8.8	49.4	–	–	–	–	–	–
Health specialties teachers	27.04	11.8	33.3	20.47	23.1	29.1	–	–	–
Business, commerce, and marketing teachers ..	41.63	6.9	25.9	38.22	17.5	22.6	43.54	2.9	28.2
10	44.31	.9	27.3	–	–	–	–	–	–
11	40.17	9.2	21.8	–	–	–	–	–	–
12	57.09	20.1	26.4	57.67	20.7	30.4	–	–	–
Art, drama, and music teachers	34.19	3.5	27.5	34.40	5.9	25.4	33.99	3.6	29.9
9	31.99	10.6	19.6	–	–	–	–	–	–
10	30.76	6.7	14.1	–	–	–	–	–	–
Physical education teachers	35.24	8.5	18.6	–	–	–	35.43	8.9	18.2
Education teachers	34.55	20.1	32.4	44.05	35.8	29.3	28.03	2.8	34.9
English teachers	32.07	5.3	26.6	31.55	7.7	28.3	32.38	7.4	25.7
9	29.25	6.8	31.1	–	–	–	–	–	–
10	31.57	10.5	29.3	32.44	14.3	22.8	–	–	–
Foreign language teachers	33.91	5.4	26.4	31.43	7.6	29.7	36.76	6.9	23.4
Law teachers	42.59	13.4	27.5	–	–	–	–	–	–
Trade and industrial teachers	31.04	11.0	24.0	–	–	–	31.41	11.7	24.1
Teachers, post secondary, subject not specified	31.91	8.6	22.3	31.03	21.4	34.3	32.22	9.0	19.8
10	29.72	5.7	31.5	–	–	–	30.03	6.1	31.1
11	35.67	23.7	28.3	–	–	–	45.70	15.6	22.9
12	39.77	5.7	18.0	–	–	–	–	–	–
Teachers, post secondary, n.e.c.	33.13	3.8	23.4	29.53	7.4	34.1	33.75	4.1	22.2
6	20.42	24.8	17.1	–	–	–	–	–	–
7	18.07	4.7	19.9	–	–	–	–	–	–
9	33.77	6.6	17.2	–	–	–	33.80	6.6	17.2
10	31.54	3.0	21.8	–	–	–	32.05	2.9	21.5

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Teachers, college and university—Continued									
Teachers, post secondary, n.e.c.—Continued									
11	\$31.65	4.1	32.8	\$24.74	6.4	37.9	\$33.95	4.0	31.3
12	38.72	3.6	20.7	—	—	—	38.76	3.6	20.7
13	43.87	6.9	25.8	—	—	—	44.18	7.6	25.0
Teachers, except college and university	29.65	1.8	32.8	16.64	4.8	32.1	31.25	1.5	32.9
4	9.32	1.8	28.0	9.24	1.7	31.1	—	—	—
5	12.76	7.9	18.1	12.27	10.9	22.8	13.21	10.8	15.2
6	27.13	10.4	30.2	12.96	4.3	34.5	31.48	7.8	29.1
7	26.23	9.2	31.6	15.24	7.9	37.3	31.27	5.8	29.5
8	27.54	3.2	35.6	18.15	6.6	35.1	28.34	3.0	35.7
9	31.44	1.5	34.0	21.82	7.5	30.4	31.82	1.4	34.1
10	32.90	6.9	31.2	23.44	18.0	37.5	33.90	6.9	30.6
11	40.25	8.1	32.6	24.65	8.3	38.9	41.36	7.6	32.3
Prekindergarten and kindergarten	18.25	13.7	33.0	11.58	6.9	38.6	27.22	6.8	27.7
5	9.10	3.6	36.3	—	—	—	—	—	—
6	14.83	10.5	36.0	11.39	6.1	37.0	—	—	—
8	23.93	15.4	36.0	—	—	—	—	—	—
9	31.31	10.1	22.1	—	—	—	31.60	10.0	22.0
Elementary school teachers	31.72	1.9	34.8	18.27	6.6	37.6	32.17	1.9	34.7
5	18.29	14.3	26.8	—	—	—	—	—	—
6	34.86	8.8	32.5	—	—	—	34.99	8.8	32.5
7	29.32	6.4	34.8	14.50	9.4	35.4	30.80	6.0	34.7
8	29.20	3.4	36.5	18.80	5.7	38.0	29.41	3.4	36.4
9	31.78	2.0	35.0	19.23	11.8	38.6	32.17	1.8	34.9
Secondary school teachers	31.30	2.2	35.8	22.03	8.6	37.5	32.03	2.0	35.7
6	28.73	13.6	35.9	—	—	—	33.47	5.3	34.7
7	34.54	16.9	33.9	19.27	7.8	37.8	35.33	17.0	33.7
8	28.69	4.4	37.7	21.70	2.2	35.3	29.91	3.5	38.1
9	31.66	2.1	35.8	26.24	5.7	38.9	31.87	2.0	35.7
Teachers, special education	30.44	2.8	35.7	—	—	—	30.95	2.8	35.5
7	28.46	11.5	34.7	—	—	—	31.32	12.7	34.0
8	30.11	2.1	35.4	—	—	—	30.30	2.2	35.4
9	30.92	3.5	36.0	—	—	—	31.04	3.4	36.0
Teachers, n.e.c.	27.32	5.4	26.1	18.31	6.8	22.5	30.52	6.0	27.6
4	9.00	8.7	9.9	—	—	—	—	—	—
5	13.74	13.5	14.3	11.58	11.0	15.2	15.78	19.3	13.6
6	16.59	13.2	24.7	14.62	13.0	22.2	—	—	—
7	25.12	15.0	31.8	19.37	10.7	32.9	—	—	—
8	22.99	5.2	36.0	16.46	9.5	32.3	24.38	3.4	36.8
9	33.31	6.9	26.2	22.72	4.2	18.3	34.35	7.9	27.3
10	31.45	22.8	34.0	—	—	—	47.58	7.3	27.5
Substitute teachers	15.21	4.8	12.9	11.76	9.5	18.5	15.28	4.8	12.8
5	12.39	5.7	13.0	—	—	—	12.44	5.8	13.0
6	17.36	5.3	14.1	—	—	—	17.48	5.2	14.1
7	14.01	4.7	7.9	—	—	—	14.05	4.9	7.7
8	16.01	7.1	20.2	—	—	—	—	—	—
Vocational and educational counselors	26.33	9.7	36.5	14.33	7.4	36.6	29.33	9.4	36.5
7	24.39	15.8	39.8	14.55	3.1	40.0	—	—	—
8	20.66	13.8	33.4	15.50	10.9	37.7	—	—	—
9	22.46	7.1	38.1	—	—	—	22.87	7.6	39.3
10	30.71	6.9	36.2	—	—	—	30.72	6.9	36.3
11	40.26	8.6	32.8	—	—	—	—	—	—
Librarians, archivists, and curators	25.83	4.1	37.5	24.31	9.2	36.4	26.44	4.5	37.9
7	25.58	18.4	35.8	—	—	—	25.72	18.5	35.7
8	21.31	3.0	39.2	—	—	—	—	—	—
9	26.10	5.7	38.7	22.21	1.8	38.8	27.24	6.8	38.7
10	29.36	2.3	35.2	—	—	—	—	—	—
11	32.99	2.4	39.7	—	—	—	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Librarians, archivists, and curators—Continued									
Librarians	\$25.98	4.3	36.6	\$21.24	10.7	33.1	\$27.29	4.3	37.7
7	28.74	15.5	34.5	—	—	—	29.01	15.4	34.3
8	20.93	3.6	36.9	—	—	—	—	—	—
9	26.84	5.6	38.6	22.26	1.8	38.9	28.31	6.7	38.5
10	29.36	2.3	35.2	—	—	—	—	—	—
11	31.68	.4	39.4	—	—	—	—	—	—
Archivists and curators	25.12	12.0	42.1	—	—	—	—	—	—
Social scientists and urban planners	25.90	5.6	36.2	25.16	8.1	35.3	27.02	7.6	37.5
6	16.03	5.9	27.8	—	—	—	—	—	—
7	20.66	6.4	39.7	22.69	5.3	39.5	—	—	—
8	21.25	4.6	36.0	21.49	4.8	35.8	—	—	—
9	23.99	16.8	34.2	17.69	8.2	31.2	30.25	16.4	37.8
10	26.46	8.7	39.7	—	—	—	25.40	5.5	39.3
11	33.47	3.2	38.7	32.29	4.1	37.6	34.54	3.7	39.8
12	31.74	5.8	41.5	31.75	5.8	41.5	—	—	—
Economists	29.66	5.0	41.3	29.62	5.1	41.3	—	—	—
Psychologists	23.59	9.1	32.8	18.57	11.3	28.8	27.47	9.7	36.8
7	18.10	6.3	36.7	—	—	—	—	—	—
9	24.31	22.7	32.3	15.14	4.9	28.2	32.41	16.7	37.2
10	21.24	9.0	39.2	—	—	—	24.07	8.7	38.9
11	34.72	4.1	37.9	—	—	—	34.69	3.9	39.8
Urban planners	25.18	3.3	40.0	—	—	—	25.18	3.3	40.0
Social, recreation, and religious workers	18.59	4.2	37.8	16.21	6.8	39.5	19.69	4.9	37.1
5	11.55	2.7	32.0	11.48	6.2	37.7	11.56	2.9	31.4
6	14.16	5.3	39.1	12.50	5.5	38.6	16.16	2.7	39.7
7	17.42	2.4	40.0	15.12	4.2	39.8	18.19	2.0	40.0
8	17.90	4.5	36.4	16.51	4.2	36.7	19.83	6.7	36.1
9	21.67	4.7	37.9	22.12	5.4	38.1	21.57	5.7	37.8
10	19.37	13.8	43.5	17.08	22.9	48.1	—	—	—
11	20.77	18.7	40.8	—	—	—	25.48	4.1	36.8
Social workers	19.55	4.2	38.1	18.17	4.6	37.6	20.02	5.2	38.3
5	12.03	1.9	39.8	—	—	—	—	—	—
6	14.89	4.8	38.7	12.24	2.0	37.2	—	—	—
7	17.02	3.4	39.9	15.12	4.2	39.8	18.02	3.0	40.0
8	17.65	5.0	36.2	16.14	4.1	36.5	19.83	7.6	35.6
9	21.77	4.8	38.1	23.08	5.0	39.7	21.52	5.8	37.8
10	22.75	4.1	39.1	24.04	6.9	39.0	—	—	—
11	25.31	4.1	36.9	—	—	—	25.48	4.1	36.8
Recreation workers	14.41	8.0	31.9	11.91	7.4	38.9	16.32	8.1	28.1
5	9.09	5.9	15.8	—	—	—	—	—	—
6	12.50	10.0	40.0	12.73	10.5	40.0	—	—	—
Lawyers and judges	38.23	5.5	40.9	41.75	6.1	40.6	34.69	7.8	41.1
11	34.63	8.8	39.6	—	—	—	34.23	5.6	39.6
12	41.89	5.8	40.8	43.91	5.7	41.3	37.73	12.3	40.0
13	48.83	10.0	44.2	48.37	13.9	43.4	—	—	—
Lawyers	38.25	5.9	41.1	41.75	6.1	40.6	34.02	9.4	41.6
11	34.63	8.8	39.6	—	—	—	34.23	5.6	39.6
12	41.98	6.4	40.9	43.91	5.7	41.3	—	—	—
13	48.85	10.5	44.6	48.37	13.9	43.4	—	—	—
Judges	37.99	10.4	38.9	—	—	—	37.99	10.4	38.9
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.57	14.7	34.4	32.74	15.6	34.4	20.96	6.1	34.1
5	16.15	5.7	39.2	16.41	5.9	39.3	—	—	—
6	15.56	4.4	40.4	15.61	4.7	40.4	—	—	—
7	20.60	9.0	40.4	20.79	10.5	40.8	—	—	—
8	22.45	4.4	39.9	22.65	4.7	39.9	—	—	—
9	24.75	3.1	36.2	24.53	3.4	36.1	—	—	—
10	25.26	10.9	43.6	27.83	7.2	42.4	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
11	\$32.78	6.8	41.3	\$32.85	6.9	41.3	—	—	—
12	36.85	5.6	43.5	38.60	1.8	44.0	—	—	—
Not able to be leveled	43.54	27.7	27.5	45.82	28.8	27.7	\$21.93	9.9	26.3
Technical writers	32.14	20.5	39.7	32.14	20.5	39.7	—	—	—
7	21.26	5.4	40.0	21.26	5.4	40.0	—	—	—
Designers	25.45	10.6	41.5	25.50	10.6	41.5	—	—	—
8	23.11	7.0	39.8	23.11	7.0	39.8	—	—	—
9	21.96	7.3	39.9	21.96	7.3	39.9	—	—	—
11	29.91	7.3	42.4	29.91	7.3	42.4	—	—	—
Musicians and composers	19.25	13.1	15.9	19.79	17.4	15.4	—	—	—
Not able to be leveled	19.25	13.1	15.9	19.79	17.4	15.4	—	—	—
Actors and directors	57.29	25.0	33.3	57.29	25.0	33.3	—	—	—
Not able to be leveled	57.29	25.0	33.3	57.29	25.0	33.3	—	—	—
Painters, sculptors, craft artists, and artist printmakers	32.02	26.3	41.7	34.40	25.6	42.1	—	—	—
Not able to be leveled	32.02	26.3	41.7	34.40	25.6	42.1	—	—	—
Photographers	27.87	19.2	41.3	27.87	19.2	41.3	—	—	—
Editors and reporters	27.78	15.5	40.1	28.70	16.4	40.3	—	—	—
6	14.27	5.4	39.5	14.27	5.4	39.5	—	—	—
7	17.51	9.9	38.7	15.46	7.0	39.0	—	—	—
9	25.01	6.5	33.7	25.01	6.5	33.7	—	—	—
11	40.22	13.9	40.0	40.22	13.9	40.0	—	—	—
Public relations specialists	21.48	6.9	34.3	21.19	8.9	32.7	22.21	9.2	39.0
9	22.90	6.9	28.9	—	—	—	—	—	—
Professional, n.e.c.	25.39	5.3	39.7	26.12	5.3	39.9	22.51	13.7	38.7
5	16.08	11.9	39.1	16.08	11.9	39.1	—	—	—
7	19.61	11.1	42.9	19.61	11.1	42.9	—	—	—
8	19.25	5.8	40.0	19.32	7.5	40.0	—	—	—
9	26.82	1.4	39.4	26.72	1.5	40.0	—	—	—
11	28.15	6.3	40.0	28.37	7.1	40.0	—	—	—
12	33.88	9.5	38.4	—	—	—	—	—	—
Not able to be leveled	26.20	9.7	36.2	23.70	13.5	39.3	—	—	—
Technical	20.26	2.4	37.2	21.07	2.7	37.4	17.52	3.0	36.8
2	8.83	5.6	30.9	—	—	—	—	—	—
3	10.20	4.3	33.6	10.31	5.0	37.5	—	—	—
4	12.54	3.7	35.9	13.08	4.3	35.9	10.94	4.0	36.0
5	15.08	1.9	37.1	15.19	2.0	37.1	14.57	3.5	36.9
6	18.13	2.3	37.1	18.45	2.5	37.6	16.82	3.7	35.2
7	19.70	4.3	38.0	20.49	5.4	38.1	18.04	3.1	37.7
8	21.17	2.6	38.4	21.52	2.5	38.8	19.93	5.0	37.0
9	28.31	7.8	37.6	29.85	9.0	37.1	22.09	3.8	39.7
10	25.98	5.1	39.9	27.42	3.9	39.8	23.27	10.6	40.0
11	46.92	13.0	34.7	46.92	13.0	34.7	—	—	—
Not able to be leveled	21.57	3.2	35.5	21.59	3.4	35.4	—	—	—
Clinical laboratory technologists and technicians	18.85	3.5	37.9	18.91	4.0	38.0	18.51	6.4	37.5
3	11.15	3.5	37.9	—	—	—	—	—	—
4	12.25	2.5	34.1	12.16	2.5	33.5	—	—	—
5	14.57	14.0	40.0	14.57	14.0	40.0	—	—	—
6	17.67	14.6	35.6	17.48	15.4	37.2	—	—	—
8	20.64	3.1	38.3	20.81	3.4	38.4	—	—	—
9	22.45	2.9	39.3	22.66	3.4	39.1	—	—	—
Health record technologists and technicians	13.12	8.5	34.2	12.86	9.7	35.7	14.75	11.0	27.1
4	11.25	1.9	33.5	—	—	—	—	—	—
Radiological technicians	20.51	3.8	30.8	19.81	2.6	33.5	23.30	9.8	23.2
6	17.85	3.1	33.9	18.17	3.3	35.0	—	—	—
7	21.29	4.0	26.1	20.42	3.0	29.9	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Radiological technicians—Continued									
8	\$23.41	6.4	30.9	—	—	—	—	—	—
Licensed practical nurses	15.45	3.2	35.0	\$15.30	4.2	34.2	\$15.93	1.8	37.5
4	15.43	4.6	27.4	15.64	4.8	27.8	—	—	—
5	14.34	2.5	34.2	14.22	2.6	34.3	15.17	3.1	32.9
6	16.56	7.2	36.1	16.86	7.4	36.3	13.93	3.8	34.3
7	14.94	3.1	35.4	13.72	3.0	31.8	—	—	—
8	17.98	1.8	37.6	17.72	3.4	35.6	—	—	—
Health technologists and technicians, n.e.c.	15.84	3.9	36.7	15.69	6.0	35.8	16.09	2.7	38.2
3	10.93	7.5	32.8	—	—	—	—	—	—
4	11.63	5.0	37.0	11.63	5.5	37.2	—	—	—
5	14.46	2.3	37.3	14.47	2.0	36.5	14.43	7.1	40.0
6	16.79	5.5	33.3	17.00	8.6	35.4	16.48	4.3	30.7
7	16.76	2.4	39.9	17.79	5.1	40.0	16.40	2.4	39.8
8	17.49	6.3	34.6	18.69	8.4	30.1	—	—	—
Not able to be leveled	21.57	5.3	35.2	21.66	6.1	34.5	—	—	—
Electrical and electronic technicians	20.21	2.9	39.6	19.99	3.0	39.6	24.96	5.2	40.0
4	14.23	3.8	40.0	14.23	3.8	40.0	—	—	—
5	15.64	3.9	40.0	15.64	3.9	40.0	—	—	—
6	17.92	3.0	40.0	17.82	3.4	40.0	—	—	—
7	19.85	4.2	39.2	19.82	4.3	39.2	—	—	—
8	23.33	4.0	39.9	22.97	4.3	39.9	26.81	3.1	40.0
9	24.20	3.8	39.0	24.20	3.8	39.0	—	—	—
Mechanical engineering technicians	19.68	4.1	39.9	19.52	4.3	39.9	—	—	—
Engineering technicians, n.e.c.	19.97	4.4	39.0	20.67	5.8	39.4	18.94	5.4	38.4
5	16.28	5.1	39.8	—	—	—	—	—	—
6	19.39	3.6	40.0	18.27	3.9	40.0	—	—	—
7	18.09	7.0	40.0	19.02	7.3	40.0	—	—	—
8	21.46	3.4	40.4	22.49	2.5	40.6	—	—	—
9	23.78	5.7	39.1	—	—	—	—	—	—
Drafters	23.87	8.6	39.8	24.52	9.3	39.8	—	—	—
5	15.01	6.9	37.6	15.12	7.1	37.5	—	—	—
6	21.48	10.7	39.5	21.48	10.7	39.5	—	—	—
7	24.89	10.2	40.0	—	—	—	—	—	—
8	20.62	5.9	42.0	19.89	6.4	42.5	—	—	—
Surveying and mapping technicians	23.24	9.4	39.9	—	—	—	21.25	5.1	39.8
Biological technicians	13.69	8.8	34.0	15.69	12.1	40.0	11.67	9.3	29.5
7	13.81	6.6	31.6	—	—	—	—	—	—
Chemical technicians	19.48	10.6	40.5	18.92	12.4	40.6	—	—	—
Science technicians, n.e.c.	20.74	3.0	39.3	21.51	2.0	40.0	17.16	5.3	36.6
7	20.72	3.2	39.3	—	—	—	—	—	—
8	21.07	6.6	40.0	22.98	2.2	40.0	—	—	—
Airplane pilots and navigators	71.71	18.2	24.5	76.31	18.5	23.6	—	—	—
9	61.15	27.1	25.9	70.96	24.8	23.9	—	—	—
11	104.75	13.5	21.3	104.75	13.5	21.3	—	—	—
Broadcast equipment operators	17.05	10.0	38.1	14.14	10.3	36.4	—	—	—
Computer programmers	26.20	6.7	39.2	26.66	7.2	39.1	22.78	7.2	39.8
7	19.79	8.0	39.8	20.75	8.1	39.8	—	—	—
8	23.40	11.6	40.0	24.02	12.5	40.0	—	—	—
9	28.54	7.6	40.2	28.79	8.2	40.3	—	—	—
10	28.70	4.7	39.8	30.10	4.7	39.8	—	—	—
Legal assistants	16.88	7.9	39.4	19.43	5.0	39.1	14.03	11.1	39.9
5	15.22	13.1	39.6	—	—	—	—	—	—
6	17.19	8.3	39.6	—	—	—	—	—	—
7	18.23	7.9	39.4	16.86	6.9	39.5	—	—	—
8	20.15	4.9	37.8	20.15	4.9	37.8	—	—	—
Technical and related, n.e.c.	19.06	4.4	38.7	19.68	4.9	39.1	16.96	5.0	37.3
4	11.49	5.3	37.4	12.48	4.9	36.6	—	—	—
5	13.78	5.5	34.5	13.48	6.1	36.6	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Technical and related, n.e.c.—Continued									
6	\$17.05	4.5	39.2	\$16.41	5.7	39.6	\$18.88	4.0	38.2
7	20.44	3.9	40.4	21.07	4.3	40.6	18.99	3.8	39.9
8	19.41	8.8	39.0	20.08	8.2	40.0	16.79	10.9	35.5
9	22.53	6.5	40.1	22.42	6.7	40.0	—	—	—
Executive, administrative, and managerial	30.12	2.0	40.2	31.31	2.3	40.6	26.38	2.2	39.1
5	14.55	3.7	39.6	14.37	4.7	39.8	14.88	5.8	39.1
6	16.70	3.0	40.7	16.83	3.7	41.0	16.32	3.8	39.8
7	18.60	1.5	39.9	18.71	2.0	40.3	18.39	2.1	39.1
8	19.59	3.1	40.6	19.50	3.7	40.9	20.01	3.3	39.1
9	24.33	1.5	40.1	24.63	1.9	40.3	23.60	2.0	39.5
10	28.74	2.3	40.1	29.69	3.0	40.2	27.38	2.6	40.0
11	31.91	1.7	40.6	31.57	2.0	40.7	32.98	3.1	40.4
12	37.67	1.6	40.7	37.38	1.9	40.9	39.28	2.0	39.7
13	46.67	2.3	40.0	46.36	2.5	40.1	48.99	7.4	38.5
14	64.63	5.7	41.3	64.79	6.0	41.8	60.82	6.1	32.9
15	89.70	10.4	41.9	89.70	10.4	41.9	—	—	—
Not able to be leveled	47.22	29.6	36.2	53.53	32.9	40.4	25.35	15.9	26.5
Executives, administrators, and managers	35.07	2.6	40.5	36.07	3.0	40.9	31.17	3.4	38.8
6	13.97	6.0	42.7	13.33	8.9	44.8	—	—	—
7	18.74	3.4	40.5	19.05	4.3	41.2	—	—	—
8	18.54	5.9	42.0	18.58	6.5	42.2	18.19	6.0	40.0
9	25.33	2.0	40.1	25.28	2.2	40.3	25.52	3.9	39.4
10	29.24	3.4	40.2	30.63	4.2	40.3	27.09	3.3	40.0
11	32.92	1.9	40.7	32.54	2.4	40.7	33.99	3.0	40.6
12	38.15	1.5	40.7	37.95	1.8	41.0	39.16	2.0	39.7
13	46.82	2.4	40.0	46.53	2.5	40.2	48.99	7.4	38.5
14	65.15	6.0	41.4	65.34	6.2	41.9	60.82	6.1	32.9
15	89.70	10.4	41.9	89.70	10.4	41.9	—	—	—
Not able to be leveled	62.48	39.4	34.2	67.94	42.3	41.6	32.77	15.9	17.4
Legislators	24.71	28.5	10.0	—	—	—	24.71	28.5	10.0
Not able to be leveled	24.71	28.5	10.0	—	—	—	24.71	28.5	10.0
Chief executives and general administrators, public administration	46.65	6.4	38.9	—	—	—	—	—	—
Administrators and officials, public administration	29.25	4.9	39.9	—	—	—	29.07	4.9	39.9
9	22.97	3.1	40.0	—	—	—	22.97	3.1	40.0
11	30.18	9.2	44.3	—	—	—	30.18	9.2	44.3
12	38.66	4.3	40.0	—	—	—	38.66	4.3	40.0
13	44.85	2.6	40.0	—	—	—	44.95	2.9	40.0
Financial managers	33.82	4.1	39.6	33.79	4.3	39.6	34.25	6.7	40.0
8	19.44	2.6	35.0	19.44	2.6	35.0	—	—	—
9	24.78	4.8	39.6	24.81	4.8	39.6	—	—	—
10	28.57	5.2	39.6	28.40	5.6	39.6	—	—	—
11	31.83	4.9	40.8	32.08	5.3	40.9	29.06	5.6	40.0
12	33.54	6.2	40.4	33.40	6.7	40.5	—	—	—
13	46.71	8.3	37.7	46.48	9.3	37.4	—	—	—
14	70.24	10.1	39.9	70.24	10.1	39.9	—	—	—
Personnel and labor relations managers	32.95	5.1	40.0	33.89	4.8	40.2	30.03	15.3	39.4
9	22.82	4.5	40.5	22.35	4.3	40.5	—	—	—
11	36.13	5.7	40.4	34.78	6.5	40.6	—	—	—
12	37.74	5.5	40.3	37.33	6.5	40.3	—	—	—
Purchasing managers	30.57	5.0	40.3	30.46	6.3	40.4	—	—	—
9	24.96	4.2	40.5	24.96	4.2	40.5	—	—	—
11	31.50	3.8	40.0	32.06	9.1	40.0	—	—	—
Managers, marketing, advertising, and public relations	37.45	4.6	41.1	37.78	4.6	41.1	—	—	—
7	18.14	1.7	40.3	18.26	1.7	40.3	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Managers, marketing, advertising, and public relations—Continued									
8	\$22.92	10.7	40.7	\$22.92	10.7	40.7	—	—	—
9	27.96	3.8	40.0	27.96	3.8	40.0	—	—	—
10	37.24	9.0	40.6	37.24	9.0	40.6	—	—	—
11	33.64	11.8	42.0	33.64	11.8	42.0	—	—	—
12	41.89	6.0	41.5	41.89	6.0	41.5	—	—	—
14	53.93	5.6	41.7	53.93	5.6	41.7	—	—	—
Administrators, education and related fields	35.50	3.3	39.6	23.82	4.2	39.8	\$38.87	3.4	39.5
8	16.75	10.6	40.0	18.27	2.9	39.9	—	—	—
9	30.70	10.1	40.2	22.01	5.2	40.5	—	—	—
10	31.61	6.7	39.9	23.57	13.0	39.5	—	—	—
11	35.04	3.9	40.3	25.09	9.0	39.7	36.88	3.4	40.4
12	39.67	3.6	39.0	27.98	4.4	39.9	41.77	2.4	38.8
13	58.27	17.4	34.6	—	—	—	—	—	—
Managers, medicine and health	31.66	4.4	40.0	31.35	5.4	39.8	32.77	6.3	40.8
9	23.84	4.8	40.1	23.05	6.1	40.3	—	—	—
10	29.93	4.4	40.3	—	—	—	—	—	—
11	29.42	5.6	39.0	29.39	5.8	38.9	—	—	—
12	37.41	4.3	40.6	38.98	4.9	40.0	—	—	—
Managers, food servicing and lodging establishments	18.32	7.4	45.0	18.85	8.3	46.1	—	—	—
7	16.02	3.5	45.4	16.02	3.5	45.4	—	—	—
9	20.67	6.7	43.0	20.27	6.8	43.2	—	—	—
Managers, properties and real estate	22.61	26.8	40.9	22.41	28.1	41.0	—	—	—
Managers, service organizations, n.e.c.	24.82	7.5	39.3	25.24	8.7	39.1	22.57	8.1	40.0
8	16.00	5.3	43.5	15.72	6.0	44.1	—	—	—
9	21.90	3.7	40.0	21.25	5.5	40.0	—	—	—
10	22.58	15.5	40.3	20.86	18.7	40.4	—	—	—
11	21.07	5.2	37.3	21.07	5.2	37.3	—	—	—
12	34.96	15.2	40.4	34.99	15.2	40.4	—	—	—
Managers and administrators, n.e.c.	38.95	4.5	41.0	39.93	4.6	41.2	28.72	10.1	39.5
7	19.33	5.7	40.2	20.27	7.8	40.4	—	—	—
8	22.48	12.0	40.8	22.77	12.9	40.8	—	—	—
9	26.35	3.2	40.1	26.25	3.5	40.4	27.11	6.1	37.9
10	31.00	5.3	40.4	31.30	5.4	40.4	—	—	—
11	33.89	2.9	41.0	34.43	3.1	41.1	30.27	6.6	40.0
12	38.26	1.9	41.0	38.26	2.0	41.1	38.28	2.9	40.0
13	45.94	2.5	41.4	45.97	2.6	41.5	—	—	—
14	67.68	8.1	42.6	67.72	8.3	42.7	—	—	—
15	95.29	10.3	42.2	95.29	10.3	42.2	—	—	—
Not able to be leveled	81.07	46.9	41.7	81.07	46.9	41.7	—	—	—
Management related	23.00	1.5	39.9	23.55	2.0	40.1	21.72	2.0	39.4
5	14.92	2.9	39.5	14.94	3.1	39.8	14.88	5.8	39.1
6	17.58	2.9	40.1	17.68	3.5	40.2	17.21	3.3	39.7
7	18.55	1.7	39.7	18.56	2.2	39.9	18.54	2.6	39.3
8	20.26	3.2	39.7	20.20	4.1	40.0	20.45	3.5	38.9
9	23.53	1.9	40.0	23.99	2.6	40.3	22.68	2.2	39.5
10	27.85	2.3	40.1	27.87	2.5	40.1	27.83	3.9	40.0
11	28.81	2.2	40.3	28.95	2.1	40.5	28.13	7.9	39.6
12	33.55	4.5	40.3	33.20	4.4	40.3	—	—	—
14	56.74	10.7	40.1	56.74	10.7	40.1	—	—	—
Not able to be leveled	30.01	18.4	38.6	33.88	21.3	38.9	21.03	22.3	38.0
Accountants and auditors	22.20	1.8	39.8	22.33	2.0	39.8	21.81	4.3	39.8
5	16.69	2.7	40.4	16.67	3.2	40.8	—	—	—
6	17.92	6.0	39.9	18.73	8.7	39.9	—	—	—
7	18.09	2.9	39.5	17.94	3.3	39.5	18.92	2.5	39.7

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Executive, administrative, and managerial –Continued									
Management related –Continued									
Accountants and auditors –Continued									
8	\$19.48	4.2	40.1	\$19.38	4.3	40.1	–	–	–
9	23.53	2.7	39.9	23.85	3.7	39.9	\$22.91	4.2	39.8
10	27.22	5.1	40.0	27.97	6.2	40.0	–	–	–
11	27.85	4.4	39.6	27.85	4.4	39.6	–	–	–
12	31.51	2.4	40.0	31.51	2.6	40.0	–	–	–
Underwriters	25.82	12.8	38.6	25.82	12.8	38.6	–	–	–
Other financial officers	24.52	4.8	40.9	24.67	4.9	40.9	–	–	–
6	17.02	4.0	40.2	17.02	4.0	40.2	–	–	–
7	19.29	7.1	42.4	19.32	7.3	42.5	–	–	–
8	19.12	3.6	40.0	18.99	3.1	40.0	–	–	–
9	21.74	5.9	40.8	21.76	6.2	40.8	–	–	–
10	26.87	2.7	39.9	26.87	2.7	39.9	–	–	–
11	27.80	4.9	42.7	27.80	4.9	42.7	–	–	–
12	29.35	7.5	40.0	29.35	7.5	40.0	–	–	–
Management analysts	25.89	3.7	40.3	25.97	4.6	40.8	25.63	7.2	38.9
7	18.50	3.7	39.8	18.50	3.7	39.8	–	–	–
8	25.46	8.6	38.5	23.44	3.2	40.0	–	–	–
9	25.19	3.9	40.7	25.10	4.9	40.8	–	–	–
11	29.81	3.3	40.5	29.83	5.7	40.9	–	–	–
12	35.01	7.2	41.3	35.03	7.2	41.3	–	–	–
Personnel, training, and labor relations specialists									
5	23.99	7.7	39.8	25.38	11.3	39.9	21.99	6.7	39.5
6	12.80	8.8	40.0	10.62	7.0	40.0	–	–	–
7	14.22	12.1	40.1	14.23	12.7	40.1	–	–	–
8	18.25	6.6	40.0	17.81	7.5	39.9	–	–	–
9	21.66	14.7	39.3	22.60	17.7	39.1	–	–	–
10	22.54	5.7	40.0	24.12	5.1	40.2	20.92	8.6	39.9
11	31.12	3.7	40.0	–	–	–	31.41	4.2	40.0
12	31.23	2.1	41.3	30.86	2.0	41.5	–	–	–
Not able to be leveled	54.74	38.5	37.3	57.32	38.3	41.0	–	–	–
Buyers, wholesale and retail trade, except farm products									
6	21.49	7.4	40.2	21.17	9.2	40.3	–	–	–
9	14.44	4.9	41.1	14.44	4.9	41.1	–	–	–
11	25.51	8.0	39.7	25.94	8.5	40.0	–	–	–
Purchasing agents and buyers, n.e.c.	22.42	2.8	40.6	22.80	3.0	40.8	19.34	2.5	39.1
7	20.82	4.3	39.4	21.29	5.3	39.9	–	–	–
8	19.15	2.7	40.0	19.08	2.9	40.0	–	–	–
9	23.28	3.7	40.8	24.03	3.6	41.0	–	–	–
11	28.18	5.7	44.3	28.18	5.7	44.3	–	–	–
Construction inspectors									
7	24.36	3.2	39.9	–	–	–	24.22	3.4	39.8
8	22.31	8.7	40.0	–	–	–	22.31	8.7	40.0
9	23.69	6.4	39.7	–	–	–	23.21	7.6	39.7
11	24.57	2.6	39.9	–	–	–	24.57	2.6	39.9
Inspectors and compliance officers, except construction									
7	21.74	5.5	39.9	25.40	15.2	41.7	20.64	4.8	39.3
9	16.88	4.8	37.9	–	–	–	–	–	–
11	22.55	6.8	41.1	–	–	–	–	–	–
Management related, n.e.c.									
5	22.35	2.3	39.5	23.18	2.7	39.7	20.64	4.2	39.0
6	13.97	3.3	39.2	14.39	4.3	39.3	–	–	–
7	18.24	6.1	40.1	18.27	6.7	40.2	–	–	–
8	18.43	2.3	39.4	18.86	3.9	39.3	18.00	2.1	39.4
9	19.37	3.2	39.8	19.32	4.9	40.7	19.44	3.2	38.4
10	23.51	3.4	39.6	24.00	5.1	40.1	22.51	2.1	38.6
11	29.11	2.4	40.5	28.98	3.3	40.8	–	–	–
12	30.73	3.7	38.6	30.08	3.8	38.7	–	–	–
Not able to be leveled	36.33	4.5	40.0	35.17	3.6	40.0	–	–	–
12	21.82	12.1	38.0	25.43	7.3	36.9	–	–	–

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales	\$15.11	4.5	32.5	\$15.11	4.6	32.6	\$15.84	12.7	26.2
1	6.64	2.3	26.0	6.63	2.3	26.0	—	—	—
2	8.34	7.2	23.9	8.34	7.2	23.9	—	—	—
3	9.33	3.3	27.5	9.30	3.4	27.6	11.33	4.3	22.9
4	11.29	2.9	34.0	11.27	3.0	34.0	—	—	—
5	16.54	3.4	39.1	16.54	3.4	39.1	—	—	—
6	20.30	18.0	40.2	20.34	18.0	40.5	—	—	—
7	19.50	7.1	40.9	19.53	7.1	41.0	—	—	—
8	22.65	4.6	39.5	22.57	4.8	40.5	—	—	—
9	35.61	15.6	40.1	35.72	15.6	40.1	—	—	—
10	38.50	15.7	40.3	38.50	15.7	40.3	—	—	—
11	41.15	12.9	41.9	41.15	12.9	41.9	—	—	—
12	35.93	8.9	42.0	35.93	8.9	42.0	—	—	—
Not able to be leveled	16.12	16.4	27.1	16.12	16.4	27.1	—	—	—
Supervisors, sales	22.51	9.5	40.1	22.48	9.8	40.7	—	—	—
4	9.87	5.4	37.6	9.87	5.4	37.6	—	—	—
5	15.61	6.0	39.9	15.43	6.3	39.9	—	—	—
6	37.61	47.3	44.7	37.61	47.3	44.7	—	—	—
7	17.27	6.9	41.1	17.32	7.0	41.4	—	—	—
8	19.43	3.9	38.7	18.99	3.6	41.3	—	—	—
9	28.06	11.4	41.3	28.26	11.6	41.3	—	—	—
10	48.87	21.6	40.3	48.87	21.6	40.3	—	—	—
11	30.49	8.4	42.2	30.49	8.4	42.2	—	—	—
Insurance sales	18.70	21.7	39.6	18.70	21.7	39.6	—	—	—
Real estate sales	53.90	10.3	41.8	—	—	—	—	—	—
Advertising and related sales	21.54	10.5	35.8	21.54	10.5	35.8	—	—	—
4	8.49	5.8	28.3	8.49	5.8	28.3	—	—	—
Sales, other business services	20.01	19.9	35.9	20.11	20.0	35.9	—	—	—
3	8.38	6.7	28.0	8.38	6.7	28.0	—	—	—
4	11.15	4.8	38.8	11.15	4.8	38.8	—	—	—
5	16.35	5.2	36.6	16.69	5.2	36.3	—	—	—
6	18.37	11.2	41.0	18.37	11.2	41.0	—	—	—
7	15.54	7.9	40.3	15.54	7.9	40.3	—	—	—
8	20.83	11.6	43.1	20.83	11.6	43.1	—	—	—
10	23.22	6.7	40.0	23.22	6.7	40.0	—	—	—
Sales engineers	26.60	9.7	40.8	26.60	9.7	40.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.12	5.9	40.0	26.12	5.9	40.0	—	—	—
5	13.63	9.6	40.0	13.63	9.6	40.0	—	—	—
6	19.14	10.2	41.1	19.14	10.2	41.1	—	—	—
8	26.68	11.4	40.4	26.68	11.4	40.4	—	—	—
9	35.04	12.7	37.2	35.04	12.7	37.2	—	—	—
Sales workers, motor vehicles and boats	20.08	5.2	42.3	20.08	5.2	42.3	—	—	—
4	19.78	9.9	43.5	19.78	9.9	43.5	—	—	—
5	20.13	9.5	43.8	20.13	9.5	43.8	—	—	—
7	21.56	11.7	41.2	21.56	11.7	41.2	—	—	—
Sales workers, apparel	8.62	6.7	25.3	8.62	6.7	25.3	—	—	—
1	6.31	3.1	26.8	6.31	3.1	26.8	—	—	—
3	8.40	3.6	23.3	8.40	3.6	23.3	—	—	—
4	13.39	8.3	27.7	13.39	8.3	27.7	—	—	—
Sales workers, shoes	10.64	8.0	27.7	10.64	8.0	27.7	—	—	—
3	9.36	11.0	22.9	9.36	11.0	22.9	—	—	—
Sales workers, furniture and home furnishings ..	9.02	6.5	25.4	9.02	6.5	25.4	—	—	—
3	8.29	5.5	23.3	8.29	5.5	23.3	—	—	—
5	14.05	23.7	37.9	14.05	23.7	37.9	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	10.34	9.2	38.7	10.34	9.2	38.7	—	—	—
Sales workers, parts	15.11	6.8	37.5	15.11	6.8	37.5	—	—	—
4	15.65	7.0	39.8	15.65	7.0	39.8	—	—	—
5	16.61	6.1	40.4	16.61	6.1	40.4	—	—	—
Sales workers, other commodities	10.75	5.2	30.7	10.73	5.2	30.7	—	—	—
1	6.23	2.9	26.1	6.18	2.8	26.4	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales workers, other commodities—Continued									
2	\$7.04	7.1	22.7	\$7.04	7.1	22.7	—	—	—
3	9.44	3.5	29.5	9.44	3.5	29.5	—	—	—
4	8.71	3.5	30.3	8.68	3.5	30.3	—	—	—
5	16.48	8.0	33.7	16.48	8.0	33.7	—	—	—
6	13.46	10.5	42.6	13.46	10.5	42.6	—	—	—
8	27.62	16.1	38.8	27.62	16.1	38.8	—	—	—
Sales counter clerks	8.48	15.3	28.3	8.48	15.3	28.3	—	—	—
4	11.60	4.0	29.1	11.60	4.0	29.1	—	—	—
Cashiers	10.26	2.8	30.6	10.22	2.9	30.7	\$12.00	3.8	26.6
1	6.73	2.0	27.1	6.73	2.0	27.1	—	—	—
2	8.95	11.4	30.6	8.95	11.4	30.6	—	—	—
3	9.67	4.0	28.7	9.61	4.1	29.0	11.33	4.3	22.9
4	12.65	4.8	35.6	12.63	4.9	35.5	—	—	—
5	14.83	8.1	34.5	14.83	8.1	34.5	—	—	—
Street and door-to-door sales workers	10.85	6.7	35.2	10.85	6.7	35.2	—	—	—
Demonstrators, promoters, and models, sales ..	7.38	5.4	15.7	7.38	5.4	15.7	—	—	—
Sales support, n.e.c.	14.22	8.0	33.3	14.22	8.0	33.3	—	—	—
4	12.03	4.4	34.3	12.03	4.4	34.3	—	—	—
5	14.65	11.0	40.0	14.65	11.0	40.0	—	—	—
6	17.13	3.0	39.9	17.13	3.0	39.9	—	—	—
8	20.59	13.3	40.0	20.59	13.3	40.0	—	—	—
Administrative support, including clerical	13.23	.9	36.3	12.99	1.1	36.8	13.84	1.4	35.1
1	7.32	3.0	27.5	7.32	3.4	26.9	7.29	4.3	31.9
2	9.34	1.5	31.4	9.29	1.8	33.8	9.61	2.4	22.9
3	10.71	1.2	33.9	10.39	1.4	34.5	11.60	1.9	32.5
4	12.68	1.0	37.3	12.64	1.2	37.9	12.76	1.4	35.8
5	14.46	1.3	38.6	14.32	1.6	39.2	14.73	2.0	37.6
6	15.87	1.3	39.1	16.04	1.5	39.4	15.52	2.3	38.4
7	18.03	1.2	39.3	18.21	1.6	39.6	17.74	2.0	38.8
8	20.73	3.8	40.1	20.74	4.5	40.2	20.67	5.4	39.8
9	22.81	4.4	38.6	22.07	4.1	38.3	25.43	7.4	39.7
Not able to be leveled	13.16	4.5	36.2	13.10	4.9	36.6	13.36	9.8	34.9
Supervisors, general office	17.63	3.1	40.0	17.34	4.0	40.2	17.89	4.6	39.9
5	13.87	3.6	37.2	—	—	—	—	—	—
6	17.09	4.8	39.9	16.05	4.9	39.9	—	—	—
7	17.10	4.3	40.4	17.08	9.1	41.1	17.11	4.4	40.0
8	18.41	5.1	40.1	18.26	6.5	40.3	—	—	—
9	24.11	8.6	39.7	—	—	—	—	—	—
Supervisors, financial records processing	19.64	4.6	39.4	19.39	4.8	39.4	23.68	7.9	40.0
5	17.03	6.3	39.0	17.20	6.2	39.0	—	—	—
7	15.28	8.0	37.9	15.20	8.2	37.9	—	—	—
8	20.17	5.9	41.0	20.17	5.9	41.0	—	—	—
9	23.74	4.2	38.7	23.27	5.1	38.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.96	5.4	40.2	19.75	6.9	40.3	20.74	5.8	40.0
6	15.31	7.3	40.0	14.17	6.8	40.0	—	—	—
7	17.95	6.9	42.1	17.95	6.9	42.1	—	—	—
9	23.39	3.4	39.1	—	—	—	—	—	—
Computer operators	17.20	3.8	39.5	17.38	4.0	39.7	15.46	6.0	37.6
5	14.99	3.2	39.2	14.77	3.7	39.0	—	—	—
6	17.58	3.4	40.0	17.58	3.4	40.0	—	—	—
7	20.38	6.2	38.6	21.06	5.7	39.5	—	—	—
Secretaries	15.10	1.4	38.4	15.12	1.7	38.4	15.07	2.4	38.6
3	11.25	2.9	36.0	10.76	3.8	36.8	12.27	3.3	34.6
4	13.10	1.6	37.3	12.96	1.9	36.9	13.46	3.1	38.3
5	14.84	1.7	39.0	14.58	2.0	39.0	15.43	2.9	39.1
6	16.89	3.0	39.5	17.12	3.4	39.5	15.61	4.7	39.5
7	18.46	2.0	39.5	18.80	2.6	39.4	17.68	2.3	39.8

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Stenographers	\$15.98	8.7	34.5	\$13.77	4.9	38.5	\$17.30	12.5	32.5
4	13.16	5.5	35.4	13.07	5.5	39.0	—	—	—
5	16.02	3.0	31.8	—	—	—	—	—	—
Typists	13.05	2.9	38.6	14.41	5.9	36.3	12.51	2.7	39.6
3	11.43	7.0	35.7	—	—	—	—	—	—
4	12.69	4.3	39.0	14.24	7.7	38.8	12.22	3.9	39.1
5	13.85	4.3	39.9	—	—	—	—	—	—
6	15.37	4.6	40.0	—	—	—	—	—	—
Interviewers	11.60	4.0	35.0	11.43	4.3	35.7	—	—	—
4	11.61	4.8	35.4	11.52	5.1	37.6	—	—	—
Hotel clerks	10.06	7.9	37.9	10.06	7.9	37.9	—	—	—
3	8.54	4.1	36.0	8.54	4.1	36.0	—	—	—
4	11.05	8.3	38.4	11.05	8.3	38.4	—	—	—
5	9.47	7.2	39.7	9.47	7.2	39.7	—	—	—
Transportation ticket and reservation agents	13.18	6.1	36.6	13.16	6.2	36.6	—	—	—
3	11.03	5.5	36.9	11.03	5.5	36.9	—	—	—
4	11.97	7.0	35.0	11.90	7.1	35.0	—	—	—
5	14.23	3.8	39.5	14.23	3.8	39.5	—	—	—
Receptionists	9.96	1.7	36.1	9.93	1.8	36.0	10.86	8.5	38.1
1	7.60	6.8	28.4	7.60	6.8	28.4	—	—	—
2	8.95	3.3	33.4	8.91	3.4	33.3	—	—	—
3	10.18	2.0	37.8	10.17	2.0	37.8	—	—	—
4	11.11	5.2	39.2	10.99	5.5	39.5	—	—	—
5	11.40	8.5	34.0	11.40	8.5	34.0	—	—	—
Information clerks, n.e.c.	11.62	2.6	34.7	11.30	2.8	34.5	14.24	4.1	36.3
2	8.62	4.1	35.9	8.62	4.1	35.9	—	—	—
3	9.98	3.2	29.0	9.57	3.8	29.0	—	—	—
4	11.42	2.1	37.9	11.29	2.2	37.8	—	—	—
5	12.84	4.7	37.7	12.81	5.4	37.4	—	—	—
6	14.40	6.4	38.1	13.95	8.3	37.5	—	—	—
Order clerks	12.45	2.9	36.8	12.20	2.8	36.8	17.78	5.5	38.1
2	8.15	10.8	30.8	8.15	10.8	30.8	—	—	—
3	10.26	2.7	34.8	10.12	2.8	34.9	—	—	—
4	12.62	3.7	38.2	12.44	3.6	38.2	—	—	—
5	14.48	5.2	38.5	14.03	4.9	38.3	—	—	—
6	15.95	3.8	39.9	15.70	3.9	39.9	—	—	—
Personnel clerks, except payroll and timekeeping	13.89	3.8	39.4	13.60	4.3	39.3	15.30	5.7	40.0
3	10.22	9.3	40.0	10.22	9.3	40.0	—	—	—
4	11.77	7.2	40.0	11.92	7.6	40.0	—	—	—
5	13.16	4.4	39.0	13.28	4.9	38.9	—	—	—
6	16.63	7.0	38.9	16.38	7.3	38.8	—	—	—
7	17.14	4.6	39.4	18.20	5.7	38.5	—	—	—
Library clerks	12.27	3.2	30.5	13.17	5.7	32.5	12.14	3.5	30.2
2	10.50	6.9	26.1	—	—	—	10.10	6.7	23.5
3	11.45	4.9	32.1	—	—	—	11.47	4.9	32.5
4	13.32	6.3	32.9	—	—	—	13.15	7.1	33.2
5	14.76	7.5	31.2	—	—	—	14.63	10.8	30.0
6	14.92	4.9	38.5	—	—	—	—	—	—
File clerks	9.39	4.2	35.1	9.02	3.6	34.7	12.84	4.4	38.9
2	7.90	2.9	36.5	7.83	2.9	36.4	—	—	—
3	9.56	5.8	30.9	9.51	6.0	30.9	—	—	—
4	11.73	5.2	39.6	—	—	—	—	—	—
Records clerks, n.e.c.	12.57	3.2	38.0	12.72	5.2	37.4	12.38	2.6	38.9
2	9.00	5.3	33.1	—	—	—	—	—	—
3	10.46	4.6	37.9	10.32	5.2	37.9	—	—	—
4	12.52	3.1	38.3	13.32	4.8	37.6	11.95	3.2	38.9
5	13.45	4.0	38.9	13.53	5.2	39.2	13.26	5.5	38.3
6	16.26	10.9	39.3	18.13	10.2	39.2	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Bookkeepers, accounting and auditing clerks ...	\$13.40	1.4	39.1	\$13.16	1.6	39.1	\$14.26	3.8	39.0
2	10.85	7.6	38.2	10.85	7.6	38.2	—	—	—
3	10.58	2.0	36.9	10.50	2.2	38.1	—	—	—
4	12.42	1.4	39.4	12.40	1.8	39.2	12.50	2.9	39.8
5	14.01	2.5	39.5	13.67	3.0	39.4	14.92	3.7	39.9
6	16.13	2.6	39.6	16.01	3.1	39.6	16.85	3.1	39.8
7	16.48	5.5	39.9	15.64	5.9	40.0	17.92	8.1	39.7
Payroll and timekeeping clerks	13.96	4.1	39.4	13.74	4.9	39.4	14.45	8.1	39.5
3	11.74	13.2	40.0	11.74	13.2	40.0	—	—	—
4	12.69	4.5	39.2	12.64	5.7	39.0	—	—	—
5	13.58	3.5	40.1	—	—	—	—	—	—
6	19.10	8.7	38.2	—	—	—	—	—	—
Billing clerks	12.23	3.4	39.4	11.72	3.8	39.2	14.01	6.9	40.0
3	11.35	6.1	38.5	10.33	5.7	38.2	—	—	—
4	11.94	5.0	39.6	11.53	4.8	39.6	—	—	—
5	13.35	4.2	40.0	12.74	3.1	40.0	—	—	—
Billing, posting, and calculating machine operators	11.61	14.7	31.0	11.61	14.7	31.0	—	—	—
Duplicating machine operators									
3	10.30	6.8	32.2	10.30	6.8	32.2	—	—	—
Office machine operators, n.e.c.	10.74	15.6	38.3	10.74	15.6	38.3	—	—	—
Telephone operators	10.27	4.9	38.0	9.79	4.4	37.7	—	—	—
2	9.00	5.2	38.2	9.00	5.2	38.2	—	—	—
3	10.49	6.5	37.1	10.49	6.5	37.1	—	—	—
Mail clerks, except postal service	8.99	8.1	37.6	9.77	7.2	36.7	—	—	—
2	9.78	4.9	38.2	9.97	4.8	37.9	—	—	—
3	10.47	5.2	35.4	10.44	5.3	35.4	—	—	—
4	13.69	9.9	38.2	13.69	9.9	38.2	—	—	—
Messengers	10.73	8.7	37.5	10.73	8.7	37.5	—	—	—
1	8.91	4.1	36.0	8.91	4.1	36.0	—	—	—
Dispatchers	15.87	5.3	38.2	13.32	7.8	38.6	17.82	4.5	37.9
3	9.49	3.5	40.0	9.49	3.5	40.0	—	—	—
4	14.20	4.6	35.8	13.59	4.5	35.0	14.66	6.6	36.4
5	17.63	6.6	38.4	16.84	7.6	38.4	18.17	10.0	38.4
6	17.65	9.1	40.0	—	—	—	—	—	—
7	18.81	2.9	37.9	—	—	—	—	—	—
Production coordinators	16.34	5.0	39.9	16.35	5.0	39.9	—	—	—
4	13.38	5.8	39.8	13.36	6.0	39.8	—	—	—
5	15.64	7.4	39.8	15.64	7.4	39.8	—	—	—
6	14.77	7.1	40.0	14.77	7.1	40.0	—	—	—
7	20.59	3.9	40.0	20.59	3.9	40.0	—	—	—
Traffic, shipping and receiving clerks	11.51	4.1	38.5	11.42	4.2	38.5	—	—	—
1	7.05	6.6	38.5	7.05	6.6	38.5	—	—	—
2	9.67	7.4	32.0	9.67	7.4	32.0	—	—	—
3	10.13	3.7	38.9	10.13	3.7	38.9	—	—	—
4	13.35	7.4	38.8	13.35	7.4	38.8	—	—	—
5	13.18	3.5	40.0	13.14	3.7	40.0	—	—	—
Stock and inventory clerks	12.20	3.8	35.3	11.99	4.0	34.9	14.47	7.2	39.7
1	6.46	5.0	11.9	6.46	5.0	11.9	—	—	—
2	10.37	7.8	33.5	10.37	7.8	33.5	—	—	—
3	9.94	6.9	36.7	9.75	7.2	36.4	—	—	—
4	13.40	3.1	39.2	13.35	3.3	39.1	13.80	9.2	39.6
5	16.04	6.7	39.1	15.91	7.6	39.0	—	—	—
6	14.87	5.4	40.0	14.75	6.3	40.0	—	—	—
7	17.73	4.9	39.6	—	—	—	—	—	—
Meter readers	17.20	4.0	38.9	17.23	3.4	40.0	17.13	9.9	36.8
3	15.83	7.0	37.8	15.82	9.7	40.0	15.85	10.1	35.7
4	16.88	1.9	40.0	—	—	—	—	—	—
Weighers, measurers, checkers, and samplers	11.22	9.3	30.2	—	—	—	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Expeditors	\$14.23	10.0	39.9	\$14.23	10.0	39.9	—	—	—
4	12.82	11.2	40.0	12.82	11.2	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.58	5.2	36.7	13.38	5.5	36.6	—	—	—
3	8.97	3.9	36.3	8.97	3.9	36.3	—	—	—
4	11.64	7.1	33.9	11.31	7.1	33.6	—	—	—
5	15.76	2.9	39.6	15.50	4.7	39.5	—	—	—
Insurance adjusters, examiners, and investigators	15.37	5.6	38.7	15.37	5.6	38.7	—	—	—
3	10.65	5.8	38.3	10.65	5.8	38.3	—	—	—
4	13.15	4.8	39.3	13.15	4.8	39.3	—	—	—
5	13.21	5.6	39.0	13.21	5.6	39.0	—	—	—
6	16.30	2.2	38.1	16.30	2.2	38.1	—	—	—
7	20.12	3.2	38.1	20.12	3.2	38.1	—	—	—
Investigators and adjusters, except insurance ...	13.91	5.5	38.7	13.64	5.9	38.7	\$18.45	9.0	39.2
3	11.18	3.8	36.1	11.18	3.8	36.1	—	—	—
4	12.58	3.0	38.3	12.42	2.9	38.2	—	—	—
5	16.00	6.7	39.7	15.99	7.3	39.8	—	—	—
6	15.62	4.6	39.7	15.11	4.6	39.7	—	—	—
7	17.04	8.8	39.9	15.63	5.4	39.9	—	—	—
Eligibility clerks, social welfare	13.96	4.1	39.5	13.01	6.9	39.2	14.08	4.5	39.5
3	12.87	8.7	36.5	—	—	—	—	—	—
4	12.66	5.4	39.5	—	—	—	12.55	6.6	39.6
5	14.84	13.4	39.8	—	—	—	14.84	13.4	39.8
6	13.68	1.8	39.9	—	—	—	13.58	1.3	40.0
7	16.49	6.8	39.8	—	—	—	16.49	6.8	39.8
Bill and account collectors	12.44	5.1	38.2	12.01	5.6	38.1	—	—	—
3	9.90	9.1	38.0	9.90	9.1	38.0	—	—	—
4	11.37	6.5	37.8	10.55	3.9	37.8	—	—	—
5	13.44	5.6	39.3	—	—	—	—	—	—
6	13.76	4.4	39.5	13.76	4.4	39.5	—	—	—
General office clerks	12.24	1.5	35.5	11.77	2.1	34.8	12.84	1.9	36.3
1	7.09	5.4	24.9	7.08	5.5	25.0	—	—	—
2	8.99	2.7	33.8	8.82	3.2	35.9	9.85	3.4	25.7
3	11.72	2.6	34.6	11.79	4.1	32.6	11.66	3.1	36.5
4	12.44	1.7	36.4	12.42	2.2	36.1	12.46	2.6	36.7
5	14.19	2.2	38.5	14.02	2.9	39.7	14.41	3.0	37.0
6	15.64	3.2	39.3	15.89	4.8	39.8	15.56	3.9	39.1
7	16.91	4.1	39.4	18.62	3.2	38.9	—	—	—
Not able to be leveled	9.15	5.3	32.5	—	—	—	—	—	—
Bank tellers	9.16	1.8	22.6	9.16	1.8	22.6	—	—	—
3	8.98	1.8	22.8	8.98	1.8	22.8	—	—	—
4	9.93	4.1	30.1	9.93	4.1	30.1	—	—	—
Proofreaders	17.25	8.0	39.9	12.84	7.1	39.6	—	—	—
Data entry keyers	12.14	2.8	37.3	11.86	4.0	36.4	12.84	1.6	39.7
2	9.67	3.3	36.1	9.46	2.8	35.8	—	—	—
3	11.60	3.8	36.0	11.30	4.7	34.7	—	—	—
4	13.44	3.3	39.2	13.71	5.3	38.9	—	—	—
Statistical clerks	14.16	8.9	34.7	14.29	9.0	35.4	—	—	—
3	9.82	5.0	39.5	9.82	5.0	39.5	—	—	—
Teachers' aides	11.04	3.0	23.9	9.46	12.4	30.5	11.12	3.0	23.7
2	9.34	3.3	19.5	—	—	—	9.35	3.3	19.5
3	10.37	2.9	26.8	8.46	8.4	36.1	10.41	2.9	26.6
4	11.75	3.6	23.0	—	—	—	11.95	3.7	22.8
5	14.00	4.3	28.0	—	—	—	14.56	2.3	26.8
6	14.60	8.0	25.8	—	—	—	—	—	—
Administrative support, n.e.c.	13.79	2.1	36.9	13.21	2.7	36.8	14.94	2.9	37.0
1	6.92	7.3	19.0	6.81	8.0	18.9	—	—	—
2	9.37	6.2	30.2	9.50	6.4	31.1	8.40	6.0	24.9

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Administrative support, n.e.c.—Continued									
3	\$10.94	7.6	35.0	\$9.70	3.8	34.6	—	—	—
4	12.70	2.2	38.6	12.57	3.0	39.0	\$13.01	2.9	37.7
5	14.52	3.1	39.3	14.93	3.7	39.7	13.89	3.9	38.7
6	15.17	3.7	39.1	14.39	3.6	38.9	16.77	5.7	39.6
7	18.09	1.8	38.0	18.51	2.0	39.9	17.66	2.8	36.3
Not able to be leveled	13.11	7.7	36.5	11.84	6.8	36.7	—	—	—
Blue collar									
.....	13.78	1.9	38.3	13.34	2.1	38.3	18.06	2.2	38.6
1	7.44	2.4	34.9	7.41	2.4	34.9	10.04	6.6	33.0
2	8.92	2.3	37.5	8.83	2.3	37.5	12.12	9.0	36.7
3	10.66	2.4	38.0	10.48	2.6	38.3	12.91	3.3	35.3
4	13.02	3.1	39.0	12.80	3.5	39.1	14.83	2.6	37.9
5	14.63	2.1	39.4	14.37	2.3	39.4	16.56	2.2	38.8
6	17.75	2.3	39.9	17.73	2.6	39.9	17.85	2.6	39.9
7	20.22	1.5	39.7	19.92	1.7	39.7	21.70	2.5	39.9
8	23.14	2.6	40.0	22.97	3.0	40.0	24.16	4.0	40.0
9	27.81	5.0	39.9	27.70	5.8	39.9	28.49	3.7	40.0
10	32.29	3.2	41.5	—	—	—	—	—	—
Not able to be leveled	19.26	17.9	38.4	16.06	15.6	39.2	—	—	—
Precision production, craft, and repair									
.....	18.26	2.2	39.6	17.83	2.5	39.6	21.02	2.3	39.8
1	7.59	10.6	38.6	7.58	10.8	39.4	—	—	—
2	8.69	6.6	38.5	8.44	6.3	38.5	—	—	—
3	9.98	5.7	39.6	9.85	5.6	39.6	—	—	—
4	14.50	6.1	39.0	14.36	6.6	38.9	16.37	4.5	39.6
5	15.23	2.8	39.6	15.09	3.1	39.6	16.60	3.8	40.0
6	18.72	2.7	39.8	18.82	3.1	39.8	18.18	4.3	39.9
7	20.27	1.4	39.7	19.94	1.5	39.7	21.77	2.7	39.9
8	23.27	2.9	40.1	23.17	3.2	40.1	23.94	4.3	40.0
9	27.29	5.1	40.1	27.06	6.1	40.1	28.64	3.8	40.0
10	32.86	2.9	41.6	—	—	—	—	—	—
Not able to be leveled	26.08	14.2	40.0	21.18	15.6	40.0	—	—	—
Supervisors, mechanics and repairers									
7	23.77	2.9	40.2	23.59	3.1	40.3	24.79	6.2	40.0
.....	21.54	4.1	40.5	20.96	5.2	40.7	23.91	5.2	40.0
8	23.35	4.4	40.0	23.28	4.7	40.0	—	—	—
9	25.40	7.1	40.1	25.06	8.3	40.1	—	—	—
Automobile mechanics									
.....	18.04	3.9	39.9	17.99	4.2	39.9	18.67	5.6	40.0
5	15.04	4.3	40.0	15.13	4.6	40.0	—	—	—
6	20.71	9.5	40.0	20.71	9.5	40.0	—	—	—
7	18.41	5.2	40.0	18.28	5.7	40.0	19.52	3.6	40.0
Automobile mechanic apprentices									
.....	10.24	12.6	39.6	10.24	12.6	39.6	—	—	—
Bus, truck, and stationary engine mechanics									
.....	17.98	3.0	40.0	17.69	3.7	40.0	19.04	2.3	40.0
5	14.45	6.6	40.0	14.41	7.0	40.0	—	—	—
6	17.40	5.8	40.0	16.12	6.6	40.0	—	—	—
7	19.26	2.5	40.0	19.29	3.1	40.0	19.13	2.8	40.0
Aircraft engine mechanics									
.....	20.89	6.7	39.8	20.89	6.7	39.8	—	—	—
7	22.62	1.2	39.7	22.62	1.2	39.7	—	—	—
Automobile body and related repairers									
.....	16.44	17.7	40.0	16.35	18.1	40.0	—	—	—
7	21.09	19.3	40.0	21.17	20.7	40.0	—	—	—
Aircraft mechanics, except engine									
.....	21.30	1.6	40.0	21.30	1.6	40.0	—	—	—
7	21.41	1.8	40.0	21.41	1.8	40.0	—	—	—
Heavy equipment mechanics									
.....	21.04	6.1	40.0	21.64	7.0	40.0	—	—	—
7	20.84	5.5	40.0	21.76	6.0	40.0	—	—	—
Industrial machinery repairers									
.....	18.58	2.6	39.3	18.20	2.6	39.3	23.55	3.8	40.0
5	16.46	5.0	39.8	16.45	5.0	39.8	—	—	—
6	17.01	4.2	40.0	16.93	4.2	40.0	—	—	—
7	19.36	2.8	39.0	18.89	2.8	38.9	—	—	—
Machinery maintenance									
.....	14.25	7.5	39.0	13.75	7.6	38.9	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Machinery maintenance—Continued									
5	\$15.70	13.3	40.0	—	—	—	—	—	—
6	14.99	11.9	40.0	\$13.44	10.0	40.0	—	—	—
7	16.47	14.3	34.8	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment									
4	18.21	4.4	39.9	17.27	5.1	39.9	\$21.90	1.6	39.9
5	13.20	9.4	40.0	—	—	—	—	—	—
6	14.96	7.2	40.0	14.96	7.2	40.0	—	—	—
7	19.37	3.3	39.9	19.37	3.3	39.9	—	—	—
7	20.40	2.3	39.8	19.31	3.0	39.7	21.84	1.5	39.9
Household appliance and power tool repairers									
7	19.06	11.5	37.5	19.06	11.5	37.5	—	—	—
7	19.59	9.8	40.0	19.59	9.8	40.0	—	—	—
Telephone installers and repairers									
7	24.01	7.4	40.0	—	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics									
7	21.98	14.1	37.0	23.21	18.1	35.8	—	—	—
7	19.43	8.6	39.6	19.55	8.9	39.5	—	—	—
Mechanical controls and valve repairers									
7	21.13	4.9	40.0	—	—	—	—	—	—
Millwrights									
7	17.86	2.8	39.6	17.86	2.8	39.6	—	—	—
Mechanics and repairers, n.e.c.									
4	16.98	3.0	39.4	16.28	3.4	39.6	18.93	5.5	39.0
5	13.85	9.4	40.0	13.00	9.9	40.0	—	—	—
6	14.41	4.4	39.8	13.89	5.9	39.8	15.68	7.5	40.0
7	15.62	3.5	39.4	15.54	3.9	39.6	—	—	—
9	19.11	3.3	39.7	18.22	3.7	39.7	21.24	4.1	39.7
9	24.73	5.4	40.0	—	—	—	—	—	—
Supervisors, electricians and power transmission installers									
7	29.77	7.3	39.2	29.77	7.3	39.2	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters									
7	26.85	5.7	40.0	20.65	13.8	40.0	28.11	2.2	40.0
7	26.47	7.0	40.0	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.									
7	25.05	6.3	39.6	22.44	6.3	38.7	26.36	8.2	40.0
8	20.58	5.1	40.0	20.67	5.9	40.0	—	—	—
8	22.16	1.9	38.6	—	—	—	—	—	—
Brickmasons and stonemasons									
7	19.60	12.9	40.0	—	—	—	—	—	—
Carpenters									
5	19.65	3.5	39.3	19.45	4.1	39.1	—	—	—
6	16.62	13.3	34.4	16.62	13.3	34.4	—	—	—
7	16.82	4.8	40.3	16.82	4.8	40.3	—	—	—
7	20.25	3.9	39.9	20.14	4.8	39.9	—	—	—
Carpenter apprentices									
7	13.69	5.8	40.0	13.69	5.8	40.0	—	—	—
Electricians									
6	21.22	6.0	40.0	21.12	6.7	40.0	21.58	5.7	40.0
7	24.05	6.6	40.0	—	—	—	—	—	—
8	20.71	6.7	40.0	20.64	7.7	40.0	20.90	5.6	40.0
8	24.36	4.4	40.1	22.68	4.8	40.2	—	—	—
Electrician apprentices									
7	16.53	4.7	40.0	16.29	5.2	40.0	—	—	—
Electrical power installers and repairers									
7	25.32	3.2	40.0	25.00	4.7	40.0	25.93	2.2	40.0
7	24.86	3.0	40.0	23.88	4.8	40.0	25.93	2.2	40.0
Painters, construction and maintenance									
5	14.54	14.2	40.0	12.23	17.0	40.1	19.83	2.8	40.0
7	14.76	5.3	40.3	14.76	5.3	40.3	—	—	—
7	19.82	2.6	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters									
7	19.35	6.0	40.0	18.83	6.6	40.0	21.18	10.4	40.0
7	18.97	8.6	40.0	18.02	10.1	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices									
5	15.46	7.1	40.0	14.62	9.4	40.0	—	—	—
5	13.85	8.8	40.0	13.00	9.3	40.0	—	—	—
Structural metal workers									
7	23.02	8.1	34.9	23.02	8.1	34.9	—	—	—
Construction trades, n.e.c.									
4	15.35	6.3	39.8	14.33	12.1	39.7	16.26	3.4	39.9
5	14.56	3.7	39.3	13.46	11.1	39.1	14.96	2.4	39.4
6	14.57	9.6	39.9	11.78	12.0	39.9	16.74	4.4	40.0
7	16.47	6.1	40.0	17.53	2.3	40.0	16.09	7.8	40.0
7	21.25	5.8	39.4	—	—	—	—	—	—
Drillers, oil well									
7	21.07	10.6	41.1	21.07	10.6	41.1	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair –Continued									
Supervisors, production	\$22.45	8.1	40.1	\$22.16	8.5	40.1	–	–	–
5	14.07	8.2	40.0	14.07	8.2	40.0	–	–	–
6	15.64	13.8	39.7	15.64	13.8	39.7	–	–	–
7	19.28	6.0	39.9	19.28	6.0	39.9	–	–	–
8	23.06	6.5	40.3	23.06	6.5	40.3	–	–	–
9	29.06	14.1	40.4	28.70	16.0	40.4	–	–	–
Tool and die makers	17.86	6.2	40.0	17.86	6.2	40.0	–	–	–
7	17.84	3.9	40.0	17.84	3.9	40.0	–	–	–
Machinists	19.02	3.5	39.8	19.02	3.5	39.8	–	–	–
7	19.31	3.2	39.8	19.31	3.2	39.8	–	–	–
8	23.71	2.0	40.0	23.71	2.0	40.0	–	–	–
Layout workers	16.40	4.9	40.0	16.40	4.9	40.0	–	–	–
7	16.12	4.3	40.0	16.12	4.3	40.0	–	–	–
Sheet metal workers	22.76	5.4	40.0	22.76	5.4	40.0	–	–	–
7	24.51	4.0	40.0	24.51	4.0	40.0	–	–	–
Patternmakers, layout workers, and cutters	18.07	14.8	40.0	18.07	14.8	40.0	–	–	–
Electrical and electronic equipment assemblers	9.93	3.5	39.9	9.93	3.5	39.9	–	–	–
2	7.17	4.2	39.5	7.17	4.2	39.5	–	–	–
4	11.67	5.0	40.0	11.67	5.0	40.0	–	–	–
5	12.00	2.8	40.0	12.00	2.8	40.0	–	–	–
6	12.34	3.5	40.0	12.34	3.5	40.0	–	–	–
Miscellaneous precision workers, n.e.c.	18.16	11.9	39.8	18.16	11.9	39.8	–	–	–
Butchers and meat cutters	12.89	9.8	39.0	12.89	9.8	39.0	–	–	–
4	9.59	15.5	36.8	9.59	15.5	36.8	–	–	–
5	15.68	2.4	40.0	15.68	2.4	40.0	–	–	–
6	14.34	9.0	40.0	14.34	9.0	40.0	–	–	–
7	16.12	2.2	38.3	16.12	2.2	38.3	–	–	–
Bakers	13.58	13.3	36.7	11.43	8.2	35.7	–	–	–
4	12.40	11.0	33.6	12.40	11.0	33.6	–	–	–
Food batchmakers	10.03	10.6	39.9	10.03	10.6	39.9	–	–	–
Inspectors, testers, and graders	16.57	6.3	39.6	16.47	6.5	39.6	–	–	–
4	11.22	7.2	38.3	11.22	7.2	38.3	–	–	–
5	13.08	4.8	40.0	12.90	4.5	40.0	–	–	–
6	18.57	6.9	40.0	18.57	6.9	40.0	–	–	–
7	18.85	4.3	39.9	18.69	4.5	39.9	–	–	–
Water and sewer treatment plant operators	19.79	3.6	40.0	15.21	5.9	40.0	\$20.64	3.6	40.0
7	21.00	4.0	40.0	–	–	–	21.82	3.0	40.0
Stationary engineers	21.13	5.0	40.0	20.99	6.0	40.0	21.81	7.0	40.0
6	17.58	7.4	40.0	–	–	–	–	–	–
7	21.71	6.1	40.0	20.97	7.2	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	23.50	1.3	40.4	23.54	1.2	40.4	–	–	–
Machine operators, assemblers, and inspectors	11.01	2.2	39.2	10.98	2.2	39.2	14.35	15.5	39.3
1	7.13	4.1	38.1	7.06	4.1	38.1	–	–	–
2	8.39	2.9	39.2	8.39	2.9	39.2	–	–	–
3	10.30	3.9	39.1	10.30	3.9	39.0	–	–	–
4	11.69	2.9	39.6	11.68	2.9	39.7	–	–	–
5	12.15	2.7	39.7	12.13	2.6	39.7	–	–	–
6	15.28	3.9	39.8	15.28	3.9	39.8	–	–	–
7	18.83	3.1	39.8	18.61	3.1	39.8	–	–	–
8	20.83	7.1	39.1	20.83	7.1	39.1	–	–	–
Not able to be leveled	11.32	23.1	39.0	11.32	23.1	39.0	–	–	–
Lathe and turning machine operators	14.72	14.8	40.0	14.72	14.8	40.0	–	–	–
Punching and stamping press operators	10.40	8.6	40.0	10.40	8.6	40.0	–	–	–
Drilling and boring machine operators	13.99	11.5	39.9	13.99	11.5	39.9	–	–	–
Grinding, abrading, buffing, and polishing machine operators	10.08	9.1	39.9	10.08	9.1	39.9	–	–	–
Numerical control machine operators	15.94	5.8	40.0	15.90	5.9	40.0	–	–	–
Fabricating machine operators, n.e.c.	13.04	7.8	40.0	13.04	7.8	40.0	–	–	–

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Fabricating machine operators, n.e.c.—Continued									
2	\$7.29	3.2	40.0	\$7.29	3.2	40.0	—	—	—
5	12.01	4.2	40.0	12.01	4.2	40.0	—	—	—
6	14.94	3.8	40.0	14.94	3.8	40.0	—	—	—
Molding and casting machine operators	8.88	10.2	39.7	8.88	10.2	39.7	—	—	—
2	8.01	3.6	38.9	8.01	3.6	38.9	—	—	—
4	8.85	9.0	40.0	8.85	9.0	40.0	—	—	—
6	15.04	2.7	39.0	15.04	2.7	39.0	—	—	—
Metal plating machine operators	12.90	6.7	40.0	12.90	6.7	40.0	—	—	—
Sawing machine operators									
3	7.57	6.0	40.0	7.57	6.0	40.0	—	—	—
Printing press operators	15.34	10.0	39.0	15.64	10.5	38.9	—	—	—
3	10.48	6.1	39.2	—	—	—	—	—	—
4	13.26	10.6	39.7	13.15	10.9	39.7	—	—	—
7	19.50	3.4	38.8	19.50	3.4	38.8	—	—	—
Photoengravers and lithographers	15.89	13.5	38.6	15.89	13.5	38.6	—	—	—
Typesetters and compositors	14.44	10.1	38.5	14.44	10.1	38.5	—	—	—
Textile cutting machine operators	9.94	4.7	40.0	9.94	4.7	40.0	—	—	—
Textile sewing machine operators	7.89	7.5	38.3	7.89	7.5	38.3	—	—	—
2	7.69	11.2	37.9	7.69	11.2	37.9	—	—	—
3	8.45	9.1	39.9	8.45	9.1	39.9	—	—	—
Laundering and dry cleaning machine operators	7.90	4.7	37.9	7.48	3.3	37.9	—	—	—
1	7.74	7.1	38.5	7.02	4.1	38.1	—	—	—
2	8.19	4.5	35.9	8.19	4.5	35.9	—	—	—
3	8.09	2.5	40.0	8.09	2.5	40.0	—	—	—
Packaging and filling machine operators	10.52	7.2	35.5	10.52	7.2	35.5	—	—	—
2	9.31	9.0	40.0	9.31	9.0	40.0	—	—	—
4	14.17	5.8	38.4	14.17	5.8	38.4	—	—	—
Extruding and forming machine operators	10.79	4.6	40.0	10.79	4.6	40.0	—	—	—
Mixing and blending machine operators	10.67	9.8	39.5	10.67	9.8	39.5	—	—	—
3	10.40	11.9	40.0	10.40	11.9	40.0	—	—	—
Separating, filtering, and clarifying machine operators	15.91	2.1	40.0	15.91	2.1	40.0	—	—	—
Painting and paint spraying machine operators	11.18	14.9	39.9	11.18	14.9	39.9	—	—	—
Folding machine operators	16.78	3.1	40.0	16.78	3.1	40.0	—	—	—
Furnace, kiln, and oven operators, except food	11.95	6.3	40.0	11.95	6.3	40.0	—	—	—
Crushing and grinding machine operators	12.84	8.0	40.0	12.84	8.0	40.0	—	—	—
Slicing and cutting machine operators	9.77	7.9	38.7	9.77	7.9	38.7	—	—	—
2	8.36	6.7	36.7	8.36	6.7	36.7	—	—	—
Photographic process machine operators	10.14	5.6	37.2	10.14	5.6	37.2	—	—	—
3	9.56	5.3	37.4	9.56	5.3	37.4	—	—	—
Miscellaneous machine operators, n.e.c.	10.73	4.2	39.5	10.63	4.0	39.5	—	—	—
1	7.02	5.9	38.6	7.02	5.9	38.6	—	—	—
2	8.29	4.6	39.3	8.29	4.6	39.3	—	—	—
3	10.01	4.8	39.7	10.01	4.8	39.7	—	—	—
4	12.34	6.1	39.7	12.34	6.1	39.7	—	—	—
5	13.45	3.9	39.6	13.41	4.0	39.6	—	—	—
6	15.27	6.0	39.8	15.27	6.0	39.8	—	—	—
7	18.68	9.5	40.0	16.96	6.7	40.0	—	—	—
Welders and cutters	15.79	6.7	40.0	15.56	6.8	40.0	—	—	—
4	12.12	14.7	40.0	12.12	14.7	40.0	—	—	—
5	12.99	5.8	40.0	12.99	5.8	40.0	—	—	—
6	13.28	7.6	40.0	13.28	7.6	40.0	—	—	—
7	19.66	5.2	40.0	19.34	5.7	40.0	—	—	—
Solders and braziers	8.33	8.6	40.0	8.33	8.6	40.0	—	—	—
Assemblers	10.21	3.6	39.0	10.21	3.6	39.0	—	—	—
1	6.79	3.8	34.9	6.79	3.8	34.9	—	—	—
2	8.09	3.7	39.7	8.09	3.7	39.7	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Assemblers—Continued									
3	\$11.14	7.2	39.8	\$11.14	7.2	39.8	—	—	—
4	12.09	4.5	40.0	12.09	4.5	40.0	—	—	—
5	11.53	4.3	39.9	11.53	4.3	39.9	—	—	—
6	15.95	6.3	40.0	15.95	6.3	40.0	—	—	—
Hand cutting and trimming	6.44	11.7	38.0	6.44	11.7	38.0	—	—	—
Hand painting, coating, and decorating	7.31	8.8	40.0	7.31	8.8	40.0	—	—	—
Miscellaneous hand working, n.e.c.	8.37	4.7	39.9	8.37	4.7	39.9	—	—	—
1	7.25	5.6	40.0	7.25	5.6	40.0	—	—	—
2	8.99	4.4	39.8	8.99	4.4	39.8	—	—	—
3	7.97	5.1	40.0	7.97	5.1	40.0	—	—	—
Production inspectors, checkers and examiners	11.70	5.2	39.2	11.70	5.2	39.2	—	—	—
1	8.98	9.2	40.0	8.98	9.2	40.0	—	—	—
3	10.48	9.5	36.8	10.48	9.5	36.8	—	—	—
4	10.26	5.9	39.9	10.26	5.9	39.9	—	—	—
5	10.73	3.8	38.9	10.73	3.8	38.9	—	—	—
6	14.33	4.7	40.0	14.33	4.7	40.0	—	—	—
7	17.08	15.7	40.0	17.08	15.7	40.0	—	—	—
Production testers	11.49	5.3	40.0	11.49	5.3	40.0	—	—	—
3	10.51	4.0	40.0	10.51	4.0	40.0	—	—	—
4	11.75	4.9	40.0	11.75	4.9	40.0	—	—	—
5	13.92	7.7	40.0	13.92	7.7	40.0	—	—	—
Graders and sorters, except agricultural	11.07	8.4	39.1	11.07	8.4	39.1	—	—	—
Transportation and material moving	14.69	4.2	37.7	14.40	5.0	37.9	\$16.23	2.6	36.3
1	8.26	4.4	29.6	8.26	4.4	29.7	—	—	—
2	9.48	9.2	36.1	9.48	9.3	36.2	—	—	—
3	11.68	3.8	36.1	11.32	4.4	37.2	13.30	2.3	31.8
4	13.81	7.2	38.6	13.55	8.7	39.1	15.04	4.0	36.3
5	16.30	3.2	38.8	16.20	4.0	39.3	16.63	3.7	37.1
6	18.48	6.2	40.3	18.69	7.0	40.3	17.03	6.0	40.0
7	23.05	7.0	39.7	23.77	8.0	39.7	20.81	6.3	39.9
8	24.81	3.5	39.3	—	—	—	—	—	—
Supervisors, motor vehicle operators	21.31	9.4	40.5	20.28	13.8	40.7	23.87	5.8	40.0
7	23.36	13.6	40.2	23.56	16.4	40.3	—	—	—
Truck drivers	14.26	3.9	39.6	14.10	4.2	39.7	16.10	3.9	39.5
1	8.88	5.7	36.0	8.88	5.7	36.0	—	—	—
2	12.42	9.7	38.6	12.42	9.7	38.6	—	—	—
3	11.83	9.0	38.1	11.82	9.1	38.1	—	—	—
4	13.24	7.6	40.6	12.76	8.5	40.9	15.93	5.9	39.2
5	15.60	3.6	39.9	15.64	3.7	39.9	—	—	—
6	18.11	8.1	40.2	18.11	8.6	40.3	—	—	—
7	18.41	4.7	40.0	—	—	—	—	—	—
Driver-sales workers	12.44	8.8	34.6	12.29	9.5	34.4	—	—	—
Bus drivers	13.36	5.1	32.8	11.60	7.6	32.0	14.67	3.3	33.5
2	9.08	3.1	36.6	8.78	3.4	39.5	—	—	—
3	11.13	7.6	32.9	—	—	—	13.08	2.3	31.3
4	14.33	5.4	32.2	14.44	9.2	31.1	14.22	6.0	33.4
5	15.66	7.5	33.3	—	—	—	16.75	4.1	35.4
Taxicab drivers and chauffeurs	9.58	6.1	34.7	9.49	6.2	34.9	—	—	—
2	8.65	6.0	33.1	8.65	6.0	33.1	—	—	—
3	11.78	5.4	37.9	11.77	6.1	39.2	—	—	—
Parking lot attendants	8.35	9.6	34.5	8.32	9.7	34.5	—	—	—
1	7.10	3.8	34.8	7.10	3.8	34.8	—	—	—
Motor transportation, n.e.c.	8.12	12.1	29.9	7.44	10.1	29.3	—	—	—
3	11.11	15.2	35.3	8.62	7.8	33.8	—	—	—
Railroad conductors and yardmasters	28.02	15.9	41.3	—	—	—	—	—	—
Locomotive operating	27.24	23.6	42.0	—	—	—	—	—	—
Ship captains and mates, except fishing boats ..	18.39	13.9	34.6	—	—	—	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Sailors and deckhands	\$19.70	5.4	33.3	—	—	—	—	—	—
Supervisors, material moving equipment	15.43	3.7	40.4	\$15.43	3.7	40.4	—	—	—
7	16.04	3.5	40.5	16.04	3.5	40.5	—	—	—
Operating engineers	22.88	5.6	39.9	24.13	4.1	39.9	\$19.02	7.1	39.8
7	22.46	3.4	39.8	—	—	—	—	—	—
Crane and tower operators	19.14	14.1	40.0	19.14	14.1	40.0	—	—	—
Excavating and loading machine operators	18.38	14.7	40.0	19.18	18.8	40.0	—	—	—
Grader, dozer, and scrapper operators	17.81	12.5	40.0	19.59	13.9	40.0	—	—	—
5	17.83	15.7	40.0	20.26	13.7	40.0	—	—	—
Industrial truck and tractor equipment operators	11.93	5.1	39.4	11.93	5.1	39.4	—	—	—
2	8.36	8.4	37.8	8.36	8.4	37.8	—	—	—
3	11.63	4.0	39.9	11.63	4.0	39.9	—	—	—
4	11.49	5.3	39.5	11.49	5.3	39.5	—	—	—
5	17.82	11.1	39.8	17.82	11.1	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.78	8.9	37.5	17.29	11.1	37.1	19.73	7.9	39.1
4	12.42	6.0	40.0	12.12	6.6	40.0	—	—	—
5	21.78	8.2	40.0	25.26	7.7	39.9	—	—	—
6	24.25	14.8	39.9	24.78	15.1	39.9	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
.....	10.03	2.0	36.3	9.61	2.2	36.1	14.45	2.9	38.5
1	7.47	2.9	34.2	7.45	2.9	34.2	11.01	12.0	29.2
2	9.23	3.1	36.4	9.10	3.1	36.4	11.69	10.8	36.6
3	10.87	4.3	37.3	10.64	4.9	37.2	12.68	5.2	37.5
4	12.34	4.8	38.7	11.96	5.4	38.5	14.10	3.1	40.0
5	14.86	3.3	38.8	14.31	4.2	38.4	16.41	3.9	40.0
6	15.97	5.4	39.5	15.23	6.4	39.3	17.64	4.4	40.0
7	16.93	5.0	40.0	15.82	4.9	40.0	20.47	9.1	40.0
Not able to be leveled	16.19	16.6	32.4	—	—	—	—	—	—
Nursery workers	7.42	6.8	40.5	7.42	6.8	40.5	—	—	—
Supervisors, agriculture-related workers	18.20	3.9	40.2	15.93	12.5	40.6	—	—	—
7	18.45	2.8	40.0	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...	12.46	4.4	38.5	10.68	8.3	37.7	14.38	5.1	39.3
1	8.55	11.1	31.0	8.55	11.1	31.0	—	—	—
2	8.45	5.7	36.7	7.74	5.3	39.5	—	—	—
3	10.54	7.3	39.3	8.77	5.2	39.8	11.93	5.7	38.9
4	12.26	5.2	40.0	10.20	7.0	40.0	14.14	5.8	40.0
5	15.07	6.5	40.0	14.36	9.6	40.0	16.32	4.0	40.0
Animal caretakers, except farm	12.41	8.4	36.5	12.38	11.6	35.3	—	—	—
Inspectors, agricultural products	7.50	3.5	34.5	7.50	3.5	34.5	—	—	—
1	7.41	3.1	34.3	7.41	3.1	34.3	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.42	6.7	40.0	15.49	6.8	40.0	—	—	—
5	13.75	14.3	40.0	13.75	14.3	40.0	—	—	—
6	16.19	13.2	40.0	—	—	—	—	—	—
7	16.23	7.1	40.0	16.23	7.1	40.0	—	—	—
Helpers, mechanics and repairers	12.12	8.6	38.9	10.76	8.3	39.5	16.39	7.5	37.0
2	8.06	9.3	38.6	7.42	8.2	38.5	—	—	—
3	12.43	10.4	37.7	11.50	9.3	39.7	—	—	—
4	14.46	7.0	40.0	—	—	—	—	—	—
5	16.84	6.8	40.0	—	—	—	—	—	—
Helpers, construction trades	11.41	9.7	38.9	10.63	9.8	38.6	—	—	—
Construction laborers	12.70	8.8	38.9	12.10	11.5	39.6	14.31	8.5	37.1
1	8.83	4.1	39.1	8.83	4.1	39.3	—	—	—
2	10.26	20.2	36.1	—	—	—	—	—	—
3	14.62	7.1	40.0	—	—	—	—	—	—
4	15.68	9.2	39.9	15.83	12.5	39.8	—	—	—
5	18.15	7.6	40.0	—	—	—	—	—	—
Production helpers	8.68	4.2	38.7	8.68	4.3	39.5	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Production helpers—Continued									
1	\$7.73	7.3	38.7	\$7.72	7.5	39.4	—	—	—
2	8.75	3.9	39.1	8.75	3.9	39.1	—	—	—
3	9.51	10.0	38.0	9.58	10.8	39.9	—	—	—
4	11.64	13.6	39.6	11.64	13.6	39.6	—	—	—
Stock handlers and baggers									
1	9.52	7.0	29.8	9.52	7.0	29.8	—	—	—
2	6.41	1.6	23.0	6.41	1.6	23.0	—	—	—
3	8.41	4.1	30.4	8.41	4.1	30.4	—	—	—
4	11.25	14.8	36.5	11.25	14.8	36.5	—	—	—
5	13.29	4.1	36.2	13.29	4.1	36.2	—	—	—
6	14.87	10.1	31.7	14.87	10.1	31.7	—	—	—
Machine feeders and offbearers									
1	9.60	8.1	38.6	9.60	8.1	38.6	—	—	—
2	7.85	8.7	38.0	7.85	8.7	38.0	—	—	—
Freight, stock, and material handlers, n.e.c.									
1	10.01	4.7	35.7	9.94	4.8	35.6	—	—	—
2	7.47	7.1	34.6	7.47	7.1	34.6	—	—	—
3	10.45	9.7	34.4	10.45	9.7	34.4	—	—	—
4	11.52	4.1	34.8	11.52	4.1	34.8	—	—	—
5	11.00	9.3	38.4	10.90	9.6	38.3	—	—	—
6	15.89	2.6	40.0	16.23	2.5	40.0	—	—	—
Garage and service station related									
1	9.91	5.6	39.1	9.82	5.9	39.0	—	—	—
2	9.76	4.5	40.0	9.76	4.5	40.0	—	—	—
Vehicle washers and equipment cleaners									
1	7.65	7.6	38.2	7.63	7.6	38.2	—	—	—
2	6.45	6.1	38.3	6.41	6.1	38.3	—	—	—
3	8.77	7.3	37.3	8.77	7.3	37.3	—	—	—
4	10.12	15.0	39.9	9.98	15.3	39.9	—	—	—
Hand packers and packagers									
1	8.05	3.2	37.1	8.05	3.2	37.1	—	—	—
2	7.24	3.1	35.7	7.24	3.1	35.7	—	—	—
3	7.58	4.9	38.0	7.58	4.9	38.0	—	—	—
4	9.15	4.0	39.1	9.15	4.0	39.1	—	—	—
Laborers, except construction, n.e.c.									
1	10.45	5.3	37.6	9.91	5.3	37.4	\$14.41	6.3	39.4
2	8.59	8.5	36.2	8.51	8.7	36.1	—	—	—
3	9.97	7.7	39.6	9.62	7.2	39.5	—	—	—
4	10.42	9.7	35.0	10.17	10.9	34.2	11.82	14.0	40.0
5	12.18	7.8	38.6	11.40	9.8	38.2	—	—	—
6	14.62	7.8	40.0	13.43	9.0	40.0	—	—	—
Service									
1	11.08	2.2	33.1	8.57	1.5	32.4	17.83	2.7	35.2
2	6.95	1.6	30.5	6.73	1.4	31.0	9.80	4.5	25.1
3	7.98	2.1	31.2	7.76	2.2	31.9	10.42	3.3	25.1
4	9.03	2.2	31.3	8.21	1.8	32.1	12.05	3.6	28.8
5	10.54	2.3	35.2	9.94	2.5	35.0	13.11	3.5	35.9
6	13.34	3.8	35.1	12.03	5.0	34.9	15.37	4.7	35.4
7	16.43	5.4	36.7	13.68	6.4	32.2	18.47	7.5	41.1
8	19.82	3.3	39.6	17.91	12.3	34.9	20.38	3.0	41.3
9	21.65	3.5	41.7	17.29	8.8	40.7	22.66	3.4	42.0
10	24.04	2.7	41.9	14.46	15.5	46.1	24.74	2.2	41.6
11	27.82	4.0	41.4	—	—	—	28.02	4.0	41.3
12	18.91	16.2	34.0	13.31	6.9	37.8	25.90	15.4	30.2
Not able to be leveled									
1	16.45	4.9	37.7	8.52	4.3	36.1	21.56	2.5	38.8
Protective service									
1	6.25	5.5	35.4	6.21	5.5	35.8	—	—	—
2	7.95	3.9	33.6	7.76	3.4	34.0	12.06	15.1	27.7
3	8.24	4.7	31.2	7.88	3.1	36.6	10.80	17.3	15.0
4	11.61	12.3	38.8	9.46	14.1	38.3	15.78	6.1	39.8
5	14.19	6.1	35.8	10.71	4.6	37.6	15.87	6.9	35.0
6	19.51	7.6	41.4	16.66	11.7	38.6	19.64	7.9	41.5
7	20.73	2.4	41.2	19.02	2.5	39.0	20.87	2.6	41.4
8	22.48	3.4	42.2	—	—	—	22.51	3.5	42.3
9	24.70	2.2	41.6	—	—	—	24.74	2.2	41.6
10	28.02	4.0	41.3	—	—	—	28.02	4.0	41.3

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Supervisors, firefighters and fire prevention	\$23.68	5.5	50.6	—	—	—	\$23.73	5.5	50.7
8	21.90	4.7	50.4	—	—	—	21.90	4.7	50.4
9	24.97	7.2	51.3	—	—	—	25.11	7.2	51.6
Supervisors, police and detectives	31.14	4.2	40.2	—	—	—	31.17	4.2	40.2
9	29.71	3.6	40.3	—	—	—	29.71	3.6	40.3
10	30.34	4.0	40.2	—	—	—	30.34	4.0	40.2
Supervisors, guards	19.75	14.6	39.4	\$13.03	13.2	38.9	—	—	—
4	8.54	5.2	40.0	8.54	5.2	40.0	—	—	—
Fire inspection and fire prevention	18.08	8.8	41.8	—	—	—	—	—	—
Firefighting	17.30	8.0	35.3	—	—	—	17.30	8.0	35.3
5	16.52	14.8	39.5	—	—	—	16.52	14.8	39.5
6	17.96	7.8	50.1	—	—	—	17.96	7.8	50.1
7	18.69	5.1	49.0	—	—	—	18.69	5.1	49.0
Police and detectives, public service	24.08	2.3	39.7	—	—	—	24.07	2.3	39.7
6	25.37	9.8	40.0	—	—	—	25.37	9.8	40.0
7	23.57	2.8	39.6	—	—	—	23.55	2.9	39.8
8	23.64	4.4	40.3	—	—	—	23.64	4.4	40.3
9	24.87	3.5	39.9	—	—	—	24.87	3.5	39.9
Sheriffs, bailiffs, and other law enforcement officers	20.63	4.0	39.6	—	—	—	20.63	4.0	39.6
4	15.62	5.9	36.6	—	—	—	15.62	5.9	36.6
7	20.68	4.1	40.0	—	—	—	20.68	4.1	40.0
9	22.92	2.7	40.0	—	—	—	22.92	2.7	40.0
Correctional institution officers	18.01	2.6	40.0	—	—	—	18.01	2.6	40.0
5	15.85	3.4	40.0	—	—	—	15.85	3.4	40.0
6	15.12	3.9	39.8	—	—	—	15.12	3.9	39.8
7	19.28	2.6	40.0	—	—	—	19.28	2.6	40.0
Crossing guards	10.35	13.6	19.9	—	—	—	10.35	13.6	19.9
Guards and police, except public service	8.43	4.0	36.1	8.19	3.9	36.2	13.36	4.4	33.5
1	6.11	5.2	36.2	6.11	5.2	36.2	—	—	—
2	7.82	3.4	34.2	7.78	3.5	34.4	—	—	—
3	8.03	3.7	36.3	7.86	3.0	36.7	11.49	4.7	29.4
4	9.69	15.7	37.8	9.55	16.4	38.0	—	—	—
5	11.32	5.9	38.4	10.73	5.8	38.3	—	—	—
6	15.36	4.2	38.9	15.36	8.8	37.7	—	—	—
Protective service, n.e.c.	13.86	10.9	27.6	9.89	14.3	25.2	15.29	10.8	28.6
3	8.83	2.7	29.0	—	—	—	—	—	—
5	13.41	8.8	22.1	—	—	—	14.12	8.8	21.2
Food service	7.81	1.5	29.8	7.57	1.6	30.0	11.06	2.3	26.7
1	6.30	1.7	27.6	6.26	1.7	27.8	8.89	4.2	16.8
2	7.33	2.6	28.4	7.12	2.3	29.4	10.17	6.4	19.7
3	7.64	2.5	28.9	7.32	2.6	28.9	9.89	1.8	28.8
4	9.02	4.3	34.4	8.72	3.8	34.3	13.08	6.7	36.6
5	11.01	4.5	37.6	10.29	4.8	38.3	14.00	6.9	34.9
6	12.59	5.2	42.9	12.54	5.4	43.0	—	—	—
7	13.02	7.0	39.0	12.88	8.3	38.8	—	—	—
8	18.81	11.0	40.9	18.81	11.0	40.9	—	—	—
Supervisors, food preparation and service	12.33	4.4	39.3	12.31	4.9	39.3	12.54	6.8	40.0
4	9.34	13.5	33.5	9.23	14.6	33.2	—	—	—
5	11.20	5.4	40.9	11.17	6.2	41.1	—	—	—
6	13.19	6.1	42.3	13.14	6.4	42.4	—	—	—
7	14.41	4.3	40.1	14.54	4.8	40.2	—	—	—
Bartenders	7.33	3.8	31.3	7.33	3.8	31.3	—	—	—
2	5.89	2.0	22.0	5.89	2.0	22.0	—	—	—
3	7.26	4.4	30.3	7.26	4.4	30.3	—	—	—
4	7.51	8.4	32.9	7.51	8.4	32.9	—	—	—
Waiters and waitresses	6.09	1.6	26.7	5.98	1.8	26.6	—	—	—
1	5.83	1.8	26.6	5.83	1.8	26.6	—	—	—
2	6.17	4.6	25.4	6.17	4.6	25.4	—	—	—
3	5.93	2.9	26.2	5.93	2.9	26.2	—	—	—
4	6.04	3.8	28.6	6.04	3.8	28.6	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Food service—Continued									
Cooks	\$9.87	3.0	37.2	\$9.68	3.3	37.6	\$12.27	4.8	32.7
1	6.04	2.6	31.6	6.04	2.6	31.6	—	—	—
2	7.99	6.4	38.0	7.68	6.5	38.3	—	—	—
3	8.95	3.7	34.8	8.86	4.1	35.9	9.82	5.3	26.1
4	9.97	3.6	37.9	9.80	3.7	38.2	12.92	2.7	33.7
5	11.82	6.2	38.5	11.06	6.8	38.2	—	—	—
6	12.46	4.1	45.3	12.46	4.1	45.3	—	—	—
Food counter, fountain, and related	6.56	3.3	24.9	6.47	3.4	24.9	—	—	—
1	5.70	1.8	22.9	5.68	1.8	22.9	—	—	—
2	7.58	5.1	27.7	7.49	5.3	27.7	—	—	—
3	6.92	3.9	24.6	6.67	3.1	24.9	—	—	—
4	7.39	1.8	36.7	7.39	1.8	36.7	—	—	—
Kitchen workers, food preparation	8.08	2.8	31.2	7.82	2.7	32.1	10.53	4.8	24.3
1	6.96	4.5	30.6	6.96	4.5	30.8	—	—	—
2	7.78	3.0	30.2	7.72	3.2	31.8	8.51	3.7	18.8
3	8.81	3.0	31.7	8.55	3.5	33.4	10.10	3.4	25.0
4	10.58	6.2	37.1	10.11	8.4	36.6	—	—	—
Waiters/Waitresses' assistants	6.37	3.5	28.2	6.36	3.5	28.4	—	—	—
1	5.96	1.8	28.7	5.95	1.8	28.8	—	—	—
2	6.70	5.7	33.3	6.68	5.8	33.8	—	—	—
3	8.35	21.0	21.3	8.35	21.0	21.3	—	—	—
Food preparation, n.e.c.	7.43	2.8	28.3	6.94	2.1	29.1	10.25	4.4	24.5
1	6.61	2.1	28.0	6.52	2.2	28.6	8.92	4.7	17.4
2	8.04	5.4	27.9	7.58	4.4	31.2	10.52	9.6	17.9
3	8.85	4.8	29.4	7.95	7.4	27.4	9.82	2.4	31.9
Health service	9.94	2.0	34.4	9.56	2.0	34.6	11.86	4.0	33.2
1	7.58	5.8	31.1	7.77	5.9	32.8	—	—	—
2	8.27	2.7	34.0	8.18	2.9	34.2	9.18	5.8	31.4
3	9.05	3.7	32.8	8.45	3.1	33.7	11.68	4.2	29.5
4	10.76	2.7	36.5	10.54	2.9	36.3	11.90	6.9	38.0
5	12.51	3.1	34.8	12.16	3.8	34.6	14.04	4.8	35.7
6	13.88	1.9	35.1	14.00	2.8	32.6	—	—	—
Health aides, except nursing	11.89	2.3	33.1	11.57	2.4	32.7	12.76	5.3	34.2
1	7.70	12.0	28.8	8.22	11.0	33.4	—	—	—
2	9.72	6.9	26.9	9.76	7.8	28.2	—	—	—
3	10.54	2.2	33.6	10.05	2.0	33.7	11.40	3.5	33.5
4	12.12	3.6	34.2	11.82	3.2	33.7	13.24	13.4	36.7
5	12.56	4.0	32.7	12.05	4.3	32.6	14.56	7.1	33.2
6	14.14	2.6	35.8	—	—	—	—	—	—
Nursing aides, orderlies and attendants	9.32	2.1	34.8	9.01	2.2	35.1	11.29	4.2	32.7
1	7.38	3.5	32.8	7.29	3.9	31.8	—	—	—
2	8.13	2.8	34.8	8.04	3.0	34.9	9.15	6.6	34.1
3	8.82	4.2	32.7	8.26	3.3	33.7	11.78	5.3	28.4
4	10.23	3.2	37.5	10.07	3.7	37.3	11.14	4.6	38.8
5	12.49	4.9	37.7	12.32	6.0	37.3	13.29	4.6	40.0
6	13.15	2.3	33.3	13.15	2.3	33.3	—	—	—
Cleaning and building service	9.68	3.0	36.4	8.63	2.6	36.1	13.27	3.5	37.3
1	7.71	3.0	35.5	7.34	2.4	35.9	10.90	4.5	31.9
2	9.32	3.9	34.8	9.01	5.0	34.6	11.67	3.3	36.9
3	11.33	4.7	37.5	9.74	4.9	36.6	13.69	5.3	39.0
4	11.58	4.2	39.0	11.05	7.2	38.5	12.22	3.4	39.7
5	13.84	5.2	39.7	12.31	2.9	39.6	16.26	4.2	40.0
6	14.94	8.1	40.3	14.02	7.2	40.6	—	—	—
7	15.72	4.0	40.0	16.22	6.8	40.0	—	—	—
Supervisors, cleaning and building service workers	14.56	8.6	40.1	13.00	6.9	40.2	18.80	15.7	40.0
3	9.78	20.1	40.0	9.78	20.1	40.0	—	—	—
4	11.41	5.2	40.0	10.60	7.2	40.0	—	—	—
5	13.95	7.7	40.0	12.55	3.8	40.0	—	—	—
6	16.78	7.4	40.8	—	—	—	—	—	—
7	16.41	7.0	40.0	16.42	7.4	40.0	—	—	—

See footnotes at end of table.

Table 6. Occupations¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Cleaning and building service—Continued									
Maids and housemen	\$8.30	3.3	34.9	\$8.10	3.3	35.3	\$12.08	6.5	27.9
1	7.59	4.4	34.5	7.46	4.4	35.5	—	—	—
2	8.29	3.4	36.0	8.29	3.4	36.0	—	—	—
3	10.03	6.8	34.7	9.57	7.3	34.1	—	—	—
Janitors and cleaners	9.57	3.8	36.4	8.39	3.5	36.0	12.82	3.1	37.6
1	7.74	3.5	35.7	7.30	2.8	36.1	10.92	4.3	33.5
2	9.64	4.3	34.5	9.27	5.9	34.1	11.67	3.3	36.9
3	11.80	5.4	38.1	9.85	6.3	37.1	13.72	5.6	39.0
4	11.74	5.2	39.0	11.37	9.6	38.4	12.14	3.7	39.7
5	13.66	4.7	39.3	11.74	3.7	38.5	15.31	3.2	40.0
6	14.54	11.8	40.0	—	—	—	—	—	—
Personal service	10.29	5.2	26.8	10.17	6.1	28.1	10.91	6.2	21.7
1	6.57	2.7	22.2	6.31	2.7	23.5	7.64	3.7	18.1
2	7.21	3.9	27.8	7.01	4.1	29.6	8.62	10.0	19.2
3	9.01	3.8	24.8	8.61	5.0	26.6	10.22	3.4	20.7
4	10.55	8.2	30.8	10.41	8.9	32.1	11.78	4.3	22.4
5	15.55	17.3	28.0	16.16	20.9	27.1	12.90	3.0	33.3
6	13.63	14.3	25.1	14.25	15.6	24.0	—	—	—
7	22.14	28.1	28.9	22.71	29.2	28.4	—	—	—
8	17.14	19.8	40.3	13.58	8.5	42.5	—	—	—
Not able to be leveled	18.72	27.4	27.0	—	—	—	—	—	—
Supervisors, personal service	13.34	8.8	38.0	13.22	9.1	38.0	—	—	—
7	16.40	4.2	40.0	—	—	—	—	—	—
Attendants, amusement, and recreation facilities	7.15	4.1	27.8	7.02	4.0	29.9	8.32	5.6	17.6
1	6.15	1.7	21.5	6.15	2.1	23.3	6.18	2.7	17.4
2	7.10	10.3	26.2	7.07	10.9	27.2	—	—	—
3	7.94	4.1	24.2	7.83	4.7	27.6	8.40	5.9	16.1
Guides	11.90	10.6	32.5	11.90	10.6	32.5	—	—	—
Ushers	6.24	2.4	10.4	6.24	2.4	10.5	—	—	—
1	5.89	1.2	10.0	5.88	1.2	10.0	—	—	—
Public transportation attendants	24.24	13.8	22.5	24.24	13.8	22.5	—	—	—
Baggage porters and bellhops	7.40	6.9	35.2	7.40	6.9	35.2	—	—	—
1	5.67	2.2	36.1	5.67	2.2	36.1	—	—	—
2	5.91	4.8	36.1	5.91	4.8	36.1	—	—	—
Welfare service aides	8.78	5.7	27.6	8.61	6.7	27.2	9.64	7.0	29.9
3	8.20	7.0	32.4	7.40	5.2	31.1	—	—	—
4	9.65	9.8	25.6	9.61	10.3	29.4	—	—	—
5	11.00	9.0	34.4	10.97	9.2	35.5	—	—	—
6	9.82	7.6	36.0	—	—	—	—	—	—
Early childhood teachers' assistants	9.00	3.2	26.7	8.38	4.0	32.4	9.57	4.8	22.9
1	7.56	4.3	21.3	6.01	2.2	24.7	7.89	3.9	20.7
2	8.23	5.2	28.4	—	—	—	8.49	7.0	25.4
3	10.13	9.6	20.0	7.07	7.5	20.7	11.65	6.1	19.6
4	9.42	3.3	32.6	8.90	1.7	35.8	10.95	4.6	25.9

See footnotes at end of table.

Table 6. Occupations ¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1998–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service—Continued									
Child care workers, n.e.c.	\$10.18	8.7	22.8	\$9.02	8.9	26.1	\$12.07	15.2	19.0
1	7.09	4.2	17.4	6.70	4.3	20.7	8.11	7.7	12.2
2	7.96	9.8	22.5	7.35	5.2	26.3	9.31	24.4	17.1
3	9.43	3.4	22.4	—	—	—	9.81	1.5	21.3
4	11.22	8.8	20.6	—	—	—	—	—	—
Service, n.e.c.	9.59	8.7	27.7	9.07	10.1	28.0	13.52	12.6	25.2
1	6.50	4.5	29.5	6.43	4.6	30.4	7.59	3.2	20.8
2	7.34	6.0	29.1	7.34	6.2	30.4	—	—	—
3	10.40	9.6	21.3	10.41	10.0	21.3	—	—	—
4	11.58	7.4	36.0	11.31	8.4	35.9	13.67	6.5	36.5
5	12.57	2.9	27.8	11.92	5.0	21.1	—	—	—
Not able to be leveled	18.72	27.4	27.0	—	—	—	—	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See the Technical Note for more information.

³ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers,

weighted by hours.

⁴ In this census division, collection was conducted between January 1998 and April 1999. The average reference period was June 1998.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see Technical Note.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Technical Note

The data in this bulletin are based on the National Compensation Survey (NCS) conducted by the Bureau of Labor Statistics throughout the year. The surveys are locality-based and cover establishments in private industry and State and local governments. Bulletins are issued for individual localities, when sufficient data meet publication standards. Agriculture, private households, and the Federal Government are excluded from the scope of the survey.

Survey scope. In the Pacific census division, the NCS studied 2,786 establishments with 50 or more workers,¹ representing 43,200 establishments within the scope of the survey. (See table A.) The number of workers represented by the survey is shown in table B. For purposes of this survey an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single location. For State and local governments, an establishment is defined as all locations of a government entity.

Sampling frame. The list of establishments from which the survey sample was selected (sampling frame) was developed from the State unemployment insurance reports. The reference month for the public sector is June 1994. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The reference month for the private sector is March 1996.

Sample design and data collection. The sample for this survey was selected using a three stage design. The first stage consisted of the selection of areas. The nationwide NCS sample consists of 154 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas and the remaining portions of the 50 States. Metropolitan areas are designated Metropolitan Statistical Areas (MSA) or Consolidated Metropolitan Statistical Areas (CMSA), as defined in 1994 by the Office of Management and Budget. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

The NCS locality areas that contribute to the Pacific census division are:

Anchorage, AK MSA
Clatsop County, OR
Crook County, OR
Fairbanks-North Star County, AK
Honolulu, HI MSA
Juneau County, AK
Kauai County, HI
Los Angeles-Riverside-Orange County, CA CMSA
Portland-Salem, OR-WA CMSA
Richland-Kennewick-Pasco, WA MSA
Sacramento-Yolo, CA CMSA
Salinas, CA MSA
San Diego, CA MSA
San Francisco-Oakland-San Jose, CA CMSA
Seattle-Tacoma-Bremerton, WA CMSA
Skagit County, WA
Visalia-Tulare-Porterville, CA MSA
Wasco County, OR

In the second stage, the sample of establishments was drawn by first stratifying the sampling frame by ownership and industry. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that the establishment represents similar units (by industry and employment size) in the economy which were not selected for collection.

The third stage of sample selection was a probability sample of occupations within a sampled establishment. In the Pacific region, collection was conducted between January 1998 and April 1999 with an average reference period of June 1998. Additional information about the area sample and method of estimation is available in the *National Compensation Survey: Occupational Wages in the United States, 1998, Bulletin 2529*.

Occupational selection and classification. Identification of the occupations for which wage data were collected was a four-step process:

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the Census of Population system

¹ Establishments classified as employing between 50 and 99 workers may include establishments with fewer than 50 workers because staff reductions may have taken place between the time of sampling and the time of data collection.

3. Characterization of jobs as full-time vs. part-time, union vs. nonunion, and time vs. incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment. As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The National Compensation Survey occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. In cases where a job's duties overlapped two or more census classification codes, the duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

In step three, certain other job characteristics of the chosen workers were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the workers, rather than solely on hours worked. Finally, the worker was identified as being in a union or a nonunion job.

The fourth step in the job classification procedure was to determine the work level of each of the establishment's selected jobs, using a *generic leveling* process. This process, involving discussions between the Bureau's field economist and the respondent, ranks and compares all selected establishment occupations using 10 leveling factors. For more information on generic leveling and an example of how to use the criteria for leveling a job, see appendix C and appendix D at <http://www.bls.gov/compub.htm> or any of our published NCS locality bulletins. This website also has a link to the NCS job descriptions.

Data reliability. 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 and not from an entire population. The sample used for this survey is one of a number of 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. Tables in this bulletin provide RSE data for indicated series.

The relative standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose the mean hourly earnings for all workers was \$15.09 per hour with a relative standard error of 0.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$15.24 to \$14.94 ($\$15.09 \times 1.645 \times 0.006 = \0.149 , rounded to \$0.15); ($\$15.09 + .15 = \15.24 ; $\$15.09 - .15 = \14.94). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although they also were not specifically measured, efforts were made to minimize nonsampling errors by the extensive training of field economists who gathered survey data by personal visit, computer editing of the data, and detailed data review.

Census area divisions. Data are tabulated by census divisions defined as follows: **New England** — Connecticut, Massachusetts, New Hampshire, Maine, Vermont, and Rhode Island; **Middle Atlantic** — New Jersey, New York, and Pennsylvania; **East North Central** — Illinois, Indiana, Michigan, Ohio, and Wisconsin; **West North Central** — Iowa, Kansas, Minnesota, Missouri, North Dakota, South Dakota, and Nebraska; **South Atlantic** — Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; **East South Central** — Alabama, Kentucky, Mississippi, and Tennessee; **West South Central** — Arkansas, Louisiana, Oklahoma, and Texas; **Mountain** — Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; and **Pacific** — Washington, Oregon, California, Hawaii, and Alaska. Some census divisions include Consolidated Metropolitan Statistical Areas (CMSAs) and Metropolitan Statistical Areas (MSAs) that cross State lines.

Table A. Number of establishments represented by the survey and number studied by industry group and establishment employment size, Pacific, National Compensation Survey, 1998

Industry division	Number of establishments represented ¹	Number of establishments studied						
		Total	50 - 99 workers	100 - 499 workers	500 - 999 workers	1000 - 2,499 workers	2,500 - 4,999 workers	5,000 or more workers
All	43,200	2,786	852	1,181	272	293	104	84
Private Industry	40,500	2,410	821	1,089	204	200	57	39
Goods-producing industries	8,400	580	149	279	63	52	21	16
Mining	100	35	12	17	5	1	-	-
Construction	1,700	78	47	30	1	-	-	-
Manufacturing	6,600	467	90	232	57	51	21	16
Durable goods	3,800	288	57	126	33	41	15	16
Fabricated metal products, except machinery and transportation equipment	700	31	7	22	1	1	-	-
Industrial and commercial machinery and computer equipment	300	37	4	14	5	9	3	2
Electronic and electrical equipment	900	71	16	28	10	10	4	3
Transportation equipment	200	48	4	13	6	12	4	9
Measuring, analyzing, and controlling instruments	500	38	6	16	5	6	3	2
Nondurable goods	2,900	179	33	106	24	10	6	-
Food and kindred products	600	62	14	35	11	2	-	-
Printing, publishing, and allied industries	400	39	3	23	7	4	2	-
Chemicals and allied products	300	22	1	12	5	2	2	-
Service-producing industries	32,100	1,830	672	810	141	148	36	23
Transportation and utilities	2,800	193	58	88	14	24	4	5
Wholesale trade	2,600	110	55	50	3	1	-	1
Retail trade	11,800	440	228	184	19	7	2	-
Finance, insurance and real estate	2,500	141	38	58	11	22	6	6
Depository institutions	500	48	6	20	6	7	3	6
Insurance carriers	700	36	9	14	2	11	-	-
Services	12,500	946	293	430	94	94	24	11
Business services	3,200	174	50	86	18	17	2	1
Educational services	600	160	65	73	10	9	2	1
Health services	2,800	261	57	109	28	48	16	3
Hospitals	600	98	3	24	18	38	12	3
Engineering, accounting, research, management, and related services	1,000	68	23	29	4	6	4	2
State and local government	2,700	376	31	92	68	93	47	45
Health services	200	41	3	7	7	12	8	4
Hospitals	100	31	-	4	5	12	6	4

¹ Number of establishments represented by the survey rounded to the nearest 100.

NOTE: Dashes indicate that no data were reported. Overall industry and industry groups may include data for categories not shown separately.

Table B. **Number of workers¹ represented by the survey, by occupational group,² Pacific, National Compensation Survey,³ 1998**

Occupational group	All industries	Private industry	State and local government
All	8,653,200	6,418,500	2,234,700
All excluding sales	8,021,400	5,794,100	2,227,300
White collar	5,050,100	3,426,900	1,623,300
White collar excluding sales	4,418,400	2,802,500	1,615,900
Professional specialty and technical	1,952,400	1,056,000	896,400
Professional specialty occupations	1,589,400	777,200	812,100
Technical occupations	363,000	278,800	84,300
Executive, administrative, and managerial	796,300	594,400	202,000
Sales	631,800	624,400	7,400
Administrative support, including clerical	1,669,700	1,152,100	517,500
Blue collar	2,041,400	1,844,800	196,600
Precision production, craft, and repair	665,000	576,100	88,900
Machine operators, assemblers, and inspectors	489,100	484,100	4,900
Transportation and material moving	322,500	266,100	56,400
Handlers, equipment cleaners, helpers, and laborers	564,800	518,400	46,400
Service	1,561,600	1,146,800	414,800

¹ Number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of 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. Both full-time and part-time workers were included in the survey.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

³ In this census division, collection was conducted between January 1998 and April 1999. The average reference period was June 1998.