

Occupational Wages in the Pacific Census Division, 1997

Summary 00-8

This report provides estimates of occupational pay from the 1997 National Compensation Survey (NCS) for the Pacific census division. It highlights average (mean) hourly pay for workers in six areas:

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

Wages in the Pacific census division averaged \$16.88 per hour during 1997. Workers in private industry in the Pacific region averaged \$15.89 per hour, whereas hourly pay of workers in State and local government averaged \$20.23. Nationwide, pay of all workers covered by the survey averaged \$15.09 an hour.

NCS summary reports are published for each of the nine census regions: New England, Middle Atlantic, East North Central, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific. Data also are published for some individual localities. These summary reports are a new product of the National Compensation Survey and may be useful to NCS data users in localities where separate NCS studies are not published.

Table 1 in this summary provides an overview of average pay data for worker and establishment characteristics, and geographic area by private industry and State and local government. For example, white-collar workers in private industry averaged \$19.94 per hour; blue-collar workers averaged \$12.74, and service workers, \$7.99. Corresponding averages in State and local government were \$21.55, \$17.35, and \$16.97. Generally, average hourly earnings for private industry workers were lower than 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. In State and local government, for example, professional specialty and technical occupations are proportionately more prevalent 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 \$17.71 per hour whereas part-time workers averaged \$10.30. In private industry, full-time workers averaged \$16.76 an hour, and part-time workers averaged \$9.26. For workers in State and local government, average hourly pay was \$20.89 and \$14.37, respectively, for full and part time workers. NCS classifies employees as full or part time based on the employer's classification.

Workers in large establishments in the Pacific region, that is, establishments with 2,500 or more employees, had the highest average hourly pay at \$20.98. Workers in the smallest establishment-size category studied (50-99) averaged \$14.49.

Table 2 shows that workers in metropolitan areas averaged \$17.06 per hour, whereas the average pay for workers in nonmetropolitan areas, was \$13.37. Table 2 also shows that most of the time, regardless of employee or establishment characteristics, pay tends to be higher in metropolitan areas than 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 government are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for the individual occupations and for the major occupational groups. Following are examples of average hourly earnings for combined full- and part-time workers within the occupational groups of white-collar, blue-collar, and service workers. All registered nurses, for example, averaged \$23.28 per hour (table 3). Registered nurses in private industry averaged \$22.80 per hour (table 4), whereas those in State and local government averaged \$24.60 (table 5). Laborers, except construction, averaged \$8.96 in private industry and \$13.05 in State and local government. Janitors and cleaners, a service occupation, averaged \$7.80 in private industry and \$12.66 in State and local government.

Average pay for some workers in white-collar occupations, mainly in the health care field, was higher for part-time work

than for full-time work. Full-time registered nurses averaged \$22.39 per hour in private industry whereas their part-time counterparts averaged \$24.12. Full-time physicians averaged \$45.04 and part-time physicians averaged \$48.58. However, these exceptions did not show up in blue-collar and service occupations. Laborers, except construction, averaged \$9.42 and \$6.75 for full- and part-time work, respectively. Full-time janitors averaged \$8.03 an hour whereas janitors working part-time averaged \$6.50.

Earnings by occupational group and level are shown in table 6. Generally, the levels tend to show higher pay at higher work levels. The Bureau uses a generic leveling

technique with 10 criteria to assign a level to an occupation. The Technical Note has more information on generic leveling and generic leveling criteria. Table A in the Technical Note shows the number of establishments studied in the Pacific census division by employment size; most companies were in the 100-499 worker size class. It also shows the number of establishments represented. Table B in the Technical Note 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 1997

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 ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$16.88	1.5	36.2	\$15.89	1.8	36.4	\$20.23	1.7	35.5
Worker characteristics:⁴									
White-collar occupations ⁵	20.39	1.6	36.3	19.94	1.9	36.7	21.55	1.6	35.2
Professional specialty and technical ...	25.53	1.4	35.8	25.06	1.8	36.9	26.24	1.9	34.2
Executive, administrative, and managerial	29.06	2.1	40.3	30.08	2.5	40.6	25.57	2.6	39.3
Sales	14.82	5.1	32.8	14.85	5.2	32.8	11.57	7.3	29.9
Administrative support	12.48	1.1	36.2	12.21	1.3	36.7	13.16	1.7	35.1
Blue-collar occupations ⁵	13.14	2.1	37.9	12.74	2.2	37.8	17.35	2.7	38.2
Precision production, craft, and repair	17.62	2.4	39.6	17.26	2.7	39.6	20.40	2.6	39.8
Machine operators, assemblers, and inspectors	10.44	2.4	39.2	10.41	2.4	39.2	13.88	17.3	38.6
Transportation and material moving ...	13.66	2.7	36.7	13.30	3.2	36.9	15.50	3.1	35.8
Handlers, equipment cleaners, helpers, and laborers	9.52	2.0	35.2	9.11	2.2	35.0	14.02	3.9	38.1
Service occupations ⁵	10.47	2.1	33.3	7.99	1.4	32.6	16.97	3.3	35.4
Full time	17.71	1.5	39.8	16.76	1.9	39.9	20.89	1.8	39.4
Part time	10.30	2.1	21.1	9.26	2.4	21.8	14.37	3.3	18.8
Union	18.07	1.3	36.1	15.59	2.5	36.2	20.17	1.7	36.0
Nonunion	16.32	2.0	36.2	15.96	2.1	36.4	20.43	2.9	34.0
Time	16.81	1.4	36.1	15.76	1.8	36.3	20.23	1.7	35.5
Incentive	19.10	10.2	37.3	19.10	10.2	37.3	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	17.62	2.8	39.7	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	15.16	2.1	35.1	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	14.49	4.2	35.7	14.33	4.5	35.7	18.75	2.8	35.6
100-499 workers	14.62	2.0	36.2	14.26	2.3	36.3	18.49	1.9	35.6
500-999 workers	17.81	3.8	36.6	17.14	4.9	37.7	20.34	3.0	33.1
1000-2499 workers	19.39	3.3	34.9	18.22	4.9	35.5	21.64	3.3	33.9
2500 workers or more	20.98	1.6	36.9	22.06	2.4	37.4	20.25	2.1	36.6
Geographic areas:⁸									
Metropolitan	17.06	1.5	36.2	16.09	1.8	36.4	20.42	1.9	35.5
Nonmetropolitan	13.37	2.9	36.1	11.37	3.0	36.2	17.68	2.1	35.9
New England	16.96	1.8	35.1	16.29	2.1	35.0	20.14	2.1	35.2
Middle Atlantic	17.42	1.5	35.7	16.47	1.7	35.8	21.25	1.5	35.5
East North Central	15.45	.9	36.2	14.85	1.0	36.3	18.51	1.3	35.8
West North Central	14.44	1.8	36.3	13.70	2.2	36.2	17.24	.8	36.8
South Atlantic	13.73	1.4	37.0	13.20	1.8	36.7	15.47	1.4	37.9
East South Central	11.88	2.3	37.8	11.34	2.5	38.0	15.22	1.7	36.9
West South Central	13.82	1.0	37.2	13.45	1.2	37.0	14.96	1.3	37.8
Mountain	14.04	1.9	36.5	12.97	2.6	36.4	17.42	1.9	36.5
Pacific	16.88	1.5	36.2	15.89	1.8	36.4	20.23	1.7	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 October 1996 and April 1998. The average reference period was May 1997.

³ 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.

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 due to staff reductions between survey sampling and collection.

⁸ 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 1997

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 ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$16.88	1.5	36.2	\$17.06	1.5	36.2	\$13.37	2.9	36.1
Private Industry	15.89	1.8	36.4	16.09	1.8	36.4	11.37	3.0	36.2
State and local government	20.23	1.7	35.5	20.42	1.9	35.5	17.68	2.1	35.9
Worker characteristics:⁵									
White-collar occupations ⁶	20.39	1.6	36.3	20.56	1.6	36.3	16.17	2.2	35.7
Professional specialty and technical ...	25.53	1.4	35.8	25.72	1.4	35.8	21.15	.9	34.5
Executive, administrative, and managerial	29.06	2.1	40.3	29.27	2.2	40.2	21.20	2.6	42.2
Sales	14.82	5.1	32.8	14.89	5.3	32.9	12.56	4.1	29.8
Administrative support	12.48	1.1	36.2	12.52	1.1	36.2	11.65	2.4	36.7
Blue-collar occupations ⁶	13.14	2.1	37.9	13.25	2.1	37.9	11.60	5.6	37.4
Precision production, craft, and repair	17.62	2.4	39.6	17.75	2.5	39.6	15.10	1.4	39.8
Machine operators, assemblers, and inspectors	10.44	2.4	39.2	10.39	2.5	39.3	11.01	8.7	37.8
Transportation and material moving ...	13.66	2.7	36.7	13.92	2.7	36.9	10.94	3.5	34.5
Handlers, equipment cleaners, helpers, and laborers	9.52	2.0	35.2	9.51	2.2	35.1	9.60	3.0	36.9
Service occupations ⁶	10.47	2.1	33.3	10.53	2.2	33.3	9.17	.9	34.4
Full time	17.71	1.5	39.8	17.91	1.5	39.8	13.90	4.3	39.8
Part time	10.30	2.1	21.1	10.37	2.3	21.2	8.92	1.7	20.2
Union	18.07	1.3	36.1	18.19	1.4	36.1	15.46	1.2	35.2
Nonunion	16.32	2.0	36.2	16.52	2.0	36.2	12.52	.5	36.5
Time	16.81	1.4	36.1	16.99	1.4	36.1	13.34	2.8	36.2
Incentive	19.10	10.2	37.3	19.26	10.4	37.6	14.66	32.6	30.4
Establishment characteristics:									
Goods producing ⁷	17.62	2.8	39.7	17.94	2.6	39.6	-	-	-
Service producing ⁷	15.16	2.1	35.1	15.33	2.2	35.2	10.82	3.0	34.0
50-99 workers ⁸	14.49	4.2	35.7	14.64	4.5	35.8	12.27	2.2	34.8
100-499 workers	14.62	2.0	36.2	14.68	2.1	36.2	13.78	3.2	36.5
500-999 workers	17.81	3.8	36.6	18.29	3.8	36.7	13.09	7.0	36.0
1000-2499 workers	19.39	3.3	34.9	19.41	3.3	34.9	-	-	-
2500 workers or more	20.98	1.6	36.9	20.98	1.6	36.9	-	-	-
Geographic areas:⁹									
New England	16.96	1.8	35.1	17.42	1.8	35.2	13.75	5.3	34.0
Middle Atlantic	17.42	1.5	35.7	17.75	1.3	35.7	12.22	7.4	36.1
East North Central	15.45	.9	36.2	15.90	1.0	36.2	12.98	1.3	36.4
West North Central	14.44	1.8	36.3	15.40	2.2	36.3	11.82	3.7	36.2
South Atlantic	13.73	1.4	37.0	14.17	1.7	36.9	11.56	4.0	37.4
East South Central	11.88	2.3	37.8	13.60	1.6	37.0	10.22	3.7	38.7
West South Central	13.82	1.0	37.2	14.13	1.2	37.2	11.88	4.0	37.3
Mountain	14.04	1.9	36.5	14.17	2.4	36.4	13.51	2.4	36.6
Pacific	16.88	1.5	36.2	17.06	1.5	36.2	13.37	2.9	36.1

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 October 1996 and April 1998. The average reference period was May 1997.

⁴ 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.

⁵ 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.

⁶ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

⁷ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁸ 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.

⁹ 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 1997

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	\$16.88	1.5	36.2	\$17.71	1.5	39.8	\$10.30	2.1	21.1
All excluding sales	17.03	1.5	36.4	17.77	1.5	39.8	10.67	2.3	21.3
White collar	20.39	1.6	36.3	21.19	1.5	39.8	13.04	2.9	20.2
White collar excluding sales	21.14	1.5	36.8	21.70	1.4	39.8	14.92	3.0	20.1
Professional specialty and technical	25.53	1.4	35.8	25.86	1.5	39.3	21.88	2.3	17.8
Professional specialty	27.33	1.3	35.5	27.66	1.4	39.3	23.52	2.3	16.8
Engineers, architects, and surveyors	30.06	1.3	40.2	30.09	1.3	40.4	25.03	11.8	22.7
Architects	32.45	16.3	41.7	32.59	16.8	42.8	-	-	-
Aerospace engineers	32.15	5.6	40.0	32.15	5.6	40.0	-	-	-
Metallurgical and materials engineers	24.08	6.9	40.0	24.08	6.9	40.0	-	-	-
Nuclear engineers	32.45	1.1	40.7	32.45	1.1	40.7	-	-	-
Civil engineers	28.54	4.9	40.0	28.54	4.9	40.0	-	-	-
Electrical and electronic engineers	31.00	2.7	40.4	31.14	2.7	40.6	-	-	-
Industrial engineers	26.17	3.4	40.4	26.17	3.4	40.4	-	-	-
Mechanical engineers	28.33	3.9	39.2	28.33	3.9	40.5	-	-	-
Engineers, n.e.c.	30.35	2.3	40.1	30.36	2.3	40.3	-	-	-
Mathematical and computer scientists	28.51	3.6	40.1	28.52	3.6	40.2	-	-	-
Computer systems analysts and scientists	28.82	3.7	40.1	28.83	3.7	40.2	-	-	-
Operations and systems researchers and analysts	25.03	7.3	40.0	25.03	7.3	40.0	-	-	-
Natural scientists	25.32	3.4	40.8	25.27	3.4	41.0	-	-	-
Chemists, except biochemists	26.07	5.1	40.5	26.07	5.1	40.5	-	-	-
Geologists and geodesists	19.40	22.5	46.6	19.40	22.5	46.6	-	-	-
Physical scientists, n.e.c.	28.97	3.0	40.0	28.97	3.0	40.0	-	-	-
Biological and life scientists	22.70	3.1	40.0	22.70	3.1	40.0	-	-	-
Medical scientists	22.20	7.7	40.2	21.77	8.1	41.4	-	-	-
Health related	23.93	1.6	32.9	23.65	1.9	39.2	24.92	2.1	21.0
Physicians	35.85	13.3	38.6	34.78	14.8	44.4	48.32	4.4	15.2
Registered nurses	23.28	.9	32.4	22.87	1.0	38.7	24.53	2.1	21.4
Pharmacists	33.57	3.7	31.7	34.20	4.3	39.3	31.28	3.8	18.6
Dietitians	18.45	5.3	35.5	17.56	5.8	40.0	-	-	-
Respiratory therapists	17.99	4.8	31.9	17.95	5.3	39.2	18.21	4.1	15.2
Occupational therapists	22.17	10.2	30.5	20.93	11.8	38.7	26.77	13.2	17.0
Physical therapists	22.75	3.2	34.2	22.21	2.7	39.9	25.38	7.4	20.0
Speech therapists	24.89	6.5	32.1	24.29	7.3	36.0	-	-	-
Therapists, n.e.c.	16.80	10.0	34.6	17.05	11.5	39.3	15.60	10.2	22.2
Physicians' assistants	23.13	21.8	38.6	23.74	22.7	40.0	-	-	-
Teachers, college and university	33.51	2.7	27.6	34.25	2.8	41.0	30.10	5.6	11.0
Biological science teachers	41.63	19.0	27.2	42.24	20.4	40.0	-	-	-
Chemistry teachers	47.52	16.6	40.0	47.52	16.6	40.0	-	-	-
Psychology teachers	32.43	9.4	33.0	35.48	6.7	39.4	-	-	-
Social science teachers, n.e.c.	36.09	5.9	33.7	36.53	6.2	39.3	-	-	-
Engineering teachers	36.00	6.2	45.0	36.01	6.6	52.6	-	-	-
Mathematical science teachers	36.07	5.3	21.0	37.19	5.8	40.0	31.32	4.6	7.0
Medical science teachers	33.52	11.7	45.6	33.98	12.3	53.7	-	-	-
Health specialties teachers	25.64	12.5	30.8	26.59	10.6	39.8	-	-	-
Business, commerce, and marketing teachers ..	38.21	10.0	25.5	39.16	10.9	38.6	31.30	11.8	7.4
Art, drama, and music teachers	31.92	3.6	31.6	33.12	3.9	39.6	25.86	23.0	15.7
Physical education teachers	37.99	7.3	14.8	-	-	-	31.16	7.9	7.0
Education teachers	32.11	21.3	33.3	-	-	-	-	-	-
English teachers	30.04	5.7	20.4	29.81	7.6	39.6	30.58	7.7	9.6
Foreign language teachers	31.63	11.3	26.6	-	-	-	34.11	17.0	17.2
Trade and industrial teachers	28.77	9.3	30.3	28.92	10.0	40.2	-	-	-
Teachers, post secondary, subject not specified	29.36	6.1	31.1	29.25	6.6	40.0	30.47	7.9	9.8
Teachers, post secondary, n.e.c.	32.31	4.6	23.0	33.13	4.5	37.5	30.11	8.6	11.3
Teachers, except college and university	27.88	2.1	32.8	28.41	2.2	36.6	20.45	6.6	13.4
Prekindergarten and kindergarten	15.65	13.1	33.1	14.80	12.9	39.1	24.62	6.7	12.7
Elementary school teachers	29.38	2.7	35.5	29.42	2.7	36.2	25.64	12.4	12.9
Secondary school teachers	30.78	2.5	35.8	30.82	2.6	36.4	28.59	13.9	18.8
Teachers, special education	29.41	3.6	35.9	29.44	3.6	36.6	28.23	5.8	19.9
Teachers, n.e.c.	24.34	5.5	25.0	25.43	6.3	36.7	21.38	12.0	13.5
Substitute teachers	15.00	5.3	12.9	-	-	-	15.10	5.3	12.7
Vocational and educational counselors	26.86	10.4	37.0	26.96	10.5	37.8	19.23	16.1	13.8

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 1997–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									
Librarians, archivists, and curators	\$24.14	4.5	37.4	\$24.48	4.5	39.2	–	–	–
Librarians	24.59	4.8	36.4	25.04	4.8	38.4	–	–	–
Archivists and curators	22.06	10.2	42.8	22.06	10.2	42.8	–	–	–
Social scientists and urban planners	23.53	6.5	37.1	23.60	6.4	40.3	\$22.35	27.2	16.2
Economists	26.38	10.5	42.8	26.38	10.5	42.8	–	–	–
Psychologists	21.82	9.5	34.1	21.75	9.7	39.0	22.35	27.2	16.2
Urban planners	24.14	5.0	40.0	24.14	5.0	40.0	–	–	–
Social, recreation, and religious workers	17.49	5.5	37.5	17.42	6.2	41.1	18.33	6.3	17.9
Social workers	18.73	5.0	37.9	18.67	5.3	40.0	19.47	5.3	21.9
Recreation workers	14.00	8.2	29.9	14.64	8.4	40.0	8.76	9.8	9.7
Lawyers and judges	35.78	7.7	41.7	35.78	7.7	41.7	–	–	–
Lawyers	35.47	8.1	41.7	35.48	8.2	41.8	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.57	10.4	36.0	28.72	10.8	41.6	17.65	14.6	16.7
Technical writers	24.39	7.4	38.9	24.38	7.6	40.1	–	–	–
Designers	24.09	11.3	40.6	24.31	11.4	41.9	–	–	–
Musicians and composers	44.38	36.6	15.7	–	–	–	–	–	–
Actors and directors	32.27	24.8	33.3	33.63	28.2	44.5	–	–	–
Painters, sculptors, craft artists, and artist printmakers	29.22	23.6	41.5	29.35	23.7	42.2	–	–	–
Artists, performers, and related workers, n.e.c.	11.98	12.8	24.3	–	–	–	–	–	–
Editors and reporters	27.69	19.2	40.1	27.86	20.1	41.8	–	–	–
Public relations specialists	22.93	10.3	39.8	22.93	10.3	39.8	–	–	–
Professional, n.e.c.	25.22	10.2	40.5	25.00	10.9	41.4	–	–	–
Technical	18.48	2.4	37.0	18.72	2.5	39.4	16.09	3.9	22.8
Clinical laboratory technologists and technicians	17.87	3.9	37.4	17.63	4.0	39.9	20.10	8.8	23.8
Health record technologists and technicians	13.50	7.4	35.4	13.72	8.7	39.8	12.42	8.3	22.8
Radiological technicians	19.53	2.2	32.2	18.88	2.8	39.6	20.63	4.3	24.5
Licensed practical nurses	14.51	1.2	33.9	14.52	1.4	38.9	14.43	2.5	20.5
Health technologists and technicians, n.e.c.	15.31	3.1	36.5	15.49	3.3	39.7	13.87	4.9	22.3
Electrical and electronic technicians	19.98	3.5	39.5	19.97	3.6	40.1	20.32	17.6	28.0
Mechanical engineering technicians	19.83	4.4	39.9	19.83	4.4	39.9	–	–	–
Engineering technicians, n.e.c.	18.27	4.8	39.2	18.43	4.9	40.0	–	–	–
Drafters	18.00	6.5	39.7	17.83	6.7	40.0	–	–	–
Surveying and mapping technicians	23.03	8.2	40.0	23.03	8.2	40.0	–	–	–
Biological technicians	13.13	10.9	32.9	14.03	12.0	40.0	–	–	–
Chemical technicians	19.35	10.7	40.5	19.35	10.7	40.5	–	–	–
Science technicians, n.e.c.	19.70	5.2	38.8	19.73	5.2	39.4	–	–	–
Airplane pilots and navigators	53.96	19.4	26.3	53.96	19.4	26.3	–	–	–
Broadcast equipment operators	13.85	14.8	36.9	14.29	17.0	39.7	–	–	–
Computer programmers	22.23	5.2	39.4	22.67	5.3	40.3	–	–	–
Legal assistants	14.93	12.7	39.3	15.42	11.7	39.2	–	–	–
Technical and related, n.e.c.	19.07	8.2	38.0	19.25	8.5	40.1	15.24	9.0	18.1
Executive, administrative, and managerial									
Executives, administrators, and managers	33.81	2.8	40.7	33.83	2.8	41.0	32.16	14.6	21.0
Legislators	33.55	20.7	11.8	–	–	–	–	–	–
Administrators and officials, public administration	29.15	5.5	39.7	28.91	5.5	40.1	–	–	–
Financial managers	34.80	4.1	40.1	34.89	4.1	40.6	–	–	–
Personnel and labor relations managers	32.27	5.1	40.6	32.27	5.1	40.6	–	–	–
Purchasing managers	31.48	5.3	40.3	31.48	5.3	40.3	–	–	–
Managers, marketing, advertising, and public relations	38.43	5.9	41.6	38.43	5.9	41.6	–	–	–
Administrators, education and related fields	32.43	3.5	39.4	32.18	3.6	40.5	–	–	–
Managers, medicine and health	30.82	4.3	39.4	30.79	4.4	40.1	–	–	–
Managers, food servicing and lodging establishments	16.06	7.8	44.6	16.06	7.8	44.6	–	–	–
Managers, properties and real estate	26.13	19.9	41.2	26.57	20.5	42.2	–	–	–

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 1997—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									
Managers, service organizations, n.e.c.	\$22.20	6.8	39.4	\$21.49	5.9	41.0	—	—	—
Managers and administrators, n.e.c.	36.58	4.9	41.1	36.60	4.9	41.2	—	—	—
Management related	22.10	2.0	39.7	22.16	2.0	40.1	\$18.58	10.1	25.1
Accountants and auditors	21.07	2.1	39.9	21.02	2.1	40.0	—	—	—
Underwriters	24.63	10.6	38.7	24.63	10.6	38.7	—	—	—
Other financial officers	25.74	10.0	40.4	26.01	10.1	40.7	—	—	—
Management analysts	24.62	5.0	39.8	24.60	5.1	40.1	—	—	—
Personnel, training, and labor relations specialists	20.38	3.8	39.4	20.66	3.7	40.2	—	—	—
Buyers, wholesale and retail trade, except farm products	21.35	8.1	39.8	21.35	8.1	39.8	—	—	—
Purchasing agents and buyers, n.e.c.	20.85	2.9	40.1	20.87	2.9	40.5	—	—	—
Construction inspectors	24.56	2.8	39.9	24.56	2.8	39.9	—	—	—
Inspectors and compliance officers, except construction	21.84	6.1	40.0	21.84	6.1	40.0	—	—	—
Management related, n.e.c.	21.56	2.7	39.3	21.62	2.8	40.1	19.28	5.8	21.2
Sales	14.82	5.1	32.8	16.80	5.4	40.0	7.99	2.4	20.2
Supervisors, sales	19.35	7.1	41.3	19.39	7.1	41.5	—	—	—
Insurance sales	18.39	10.8	40.2	18.39	10.8	40.2	—	—	—
Real estate sales	50.11	20.4	41.6	50.11	20.4	41.6	—	—	—
Securities and financial services sales	26.36	37.1	39.7	26.45	37.5	40.0	—	—	—
Advertising and related sales	18.15	9.1	39.0	18.50	9.4	40.7	10.58	18.7	20.8
Sales, other business services	15.93	10.0	37.9	16.19	10.3	40.2	9.20	27.1	15.1
Sales engineers	28.06	8.5	40.0	28.06	8.5	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	28.03	5.2	41.2	28.03	5.2	41.2	—	—	—
Sales workers, motor vehicles and boats	18.17	11.0	41.3	18.20	11.0	41.8	—	—	—
Sales workers, apparel	8.90	6.7	25.4	10.20	9.0	38.5	7.55	5.7	18.8
Sales workers, shoes	10.42	5.0	28.6	11.69	3.9	40.3	8.88	8.6	21.2
Sales workers, furniture and home furnishings ..	9.05	6.6	25.4	10.50	8.4	37.9	7.79	5.0	19.8
Sales workers, radio, tv, hi-fi, and appliances ...	12.89	7.6	39.4	12.99	7.4	39.7	—	—	—
Sales workers, hardware and building supplies ..	13.44	10.6	39.6	13.65	10.7	40.2	—	—	—
Sales workers, parts	15.16	10.3	40.0	15.22	10.3	40.2	—	—	—
Sales workers, other commodities	11.80	15.0	31.6	13.45	17.2	38.7	7.14	3.2	20.8
Sales counter clerks	8.37	11.5	27.2	9.89	6.1	38.9	7.50	16.1	23.2
Cashiers	10.06	2.7	30.7	10.84	3.1	39.2	8.72	3.9	22.3
Demonstrators, promoters, and models, sales ..	—	—	—	11.89	12.3	40.0	—	—	—
Sales support, n.e.c.	13.26	8.2	32.5	15.00	7.8	39.9	—	—	—
Administrative support, including clerical	12.48	1.1	36.2	12.87	1.0	39.7	9.61	2.1	21.9
Supervisors, general office	17.05	2.7	40.0	17.10	2.7	40.3	—	—	—
Supervisors, financial records processing	18.59	4.6	39.5	18.59	4.6	39.5	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.36	5.6	40.6	19.36	5.6	40.6	—	—	—
Computer operators	15.31	7.0	39.4	15.29	7.1	39.7	—	—	—
Secretaries	14.02	1.6	38.2	14.22	1.6	39.7	11.38	3.7	25.1
Stenographers	15.80	7.9	36.8	15.83	9.1	39.8	15.51	7.5	20.6
Typists	12.22	3.3	38.2	12.36	3.5	39.7	10.11	4.6	24.5
Interviewers	10.83	4.7	35.6	10.59	5.3	39.7	—	—	—
Hotel clerks	8.86	6.7	38.3	8.89	7.0	39.7	—	—	—
Transportation ticket and reservation agents	12.08	7.8	37.2	11.94	7.8	40.0	13.17	15.3	24.3
Receptionists	9.52	2.5	35.5	9.81	2.7	39.5	7.65	5.0	21.3
Information clerks, n.e.c.	11.08	2.4	33.6	11.74	3.0	39.8	10.02	3.7	26.9
Order clerks	11.08	3.0	36.1	11.40	3.0	39.8	8.18	5.0	19.6
Personnel clerks, except payroll and timekeeping	13.41	4.1	39.7	13.38	4.1	40.1	—	—	—
Library clerks	11.76	4.8	29.7	12.18	6.8	38.1	10.87	3.3	20.3

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 1997—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									
File clerks	\$8.56	4.6	33.5	\$8.82	5.3	39.8	\$7.44	6.9	19.7
Records clerks, n.e.c.	12.14	3.3	38.3	12.32	3.1	39.6	9.61	9.6	25.8
Bookkeepers, accounting and auditing clerks ...	12.68	1.6	39.1	12.77	1.6	39.8	9.80	6.1	24.1
Payroll and timekeeping clerks	12.97	3.4	39.5	13.01	3.4	39.8	—	—	—
Billing clerks	11.25	3.5	39.1	11.30	3.5	40.0	—	—	—
Billing, posting, and calculating machine operators	9.82	6.0	31.7	—	—	—	—	—	—
Office machine operators, n.e.c.	9.61	12.1	38.4	9.88	12.0	39.9	—	—	—
Telephone operators	9.81	5.5	38.0	10.16	5.5	39.5	7.37	2.8	29.7
Mail clerks, except postal service	8.78	5.7	39.1	8.81	6.0	39.9	—	—	—
Messengers	11.32	8.8	36.2	11.39	9.7	39.1	—	—	—
Dispatchers	15.52	6.3	38.6	15.63	6.4	39.7	—	—	—
Production coordinators	15.50	4.7	39.5	15.52	4.7	39.7	—	—	—
Traffic, shipping and receiving clerks	11.08	4.3	38.1	11.28	4.3	39.8	7.59	10.1	22.2
Stock and inventory clerks	11.52	3.2	35.8	11.98	2.7	39.9	7.93	10.0	19.8
Meter readers	15.83	7.3	39.0	16.04	7.4	40.0	—	—	—
Expeditors	14.54	11.3	39.7	14.68	11.3	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.59	6.7	36.6	14.50	7.0	39.9	9.12	5.5	26.2
Insurance adjusters, examiners, and investigators	14.01	5.7	39.2	14.04	5.7	39.3	—	—	—
Investigators and adjusters, except insurance ...	13.64	8.7	39.0	13.77	8.7	40.0	10.40	5.4	24.0
Eligibility clerks, social welfare	13.52	3.2	39.7	13.53	3.2	39.8	—	—	—
Bill and account collectors	11.98	5.0	38.9	12.06	5.0	39.7	—	—	—
General office clerks	11.68	1.9	35.0	12.15	1.7	39.7	8.99	5.0	20.9
Bank tellers	8.97	1.8	21.4	9.71	2.8	39.7	8.79	1.3	19.3
Data entry keyers	11.20	4.0	37.0	11.41	4.2	39.6	9.17	5.1	22.7
Statistical clerks	12.71	12.6	35.3	12.91	13.1	39.7	10.31	10.4	15.1
Teachers' aides	10.40	3.4	24.3	10.06	4.5	35.9	10.53	4.2	21.8
Administrative support, n.e.c.	13.39	2.3	36.6	13.87	2.3	40.0	8.81	7.1	20.1
Blue collar	13.14	2.1	37.9	13.47	2.1	39.9	8.51	3.6	22.4
Precision production, craft, and repair	17.62	2.4	39.6	17.65	2.4	39.9	14.49	22.4	24.2
Supervisors, mechanics and repairers	23.92	2.9	40.2	23.92	2.9	40.2	—	—	—
Automobile mechanics	16.80	4.3	39.6	16.82	4.3	39.6	—	—	—
Automobile mechanic apprentices	10.16	13.4	39.1	10.24	13.4	39.6	—	—	—
Bus, truck, and stationary engine mechanics	17.66	2.6	40.0	17.66	2.6	40.0	—	—	—
Aircraft engine mechanics	18.86	5.0	40.0	18.86	5.0	40.0	—	—	—
Automobile body and related repairers	13.34	13.1	40.0	13.34	13.1	40.0	—	—	—
Aircraft mechanics, except engine	20.75	1.2	40.0	20.75	1.2	40.0	—	—	—
Heavy equipment mechanics	18.41	8.3	40.0	18.41	8.3	40.0	—	—	—
Industrial machinery repairers	18.38	2.8	39.3	18.38	2.8	39.3	—	—	—
Machinery maintenance	11.55	11.5	39.8	11.55	11.5	39.8	—	—	—
Electronic repairers, communications and industrial equipment	17.64	5.6	39.7	17.70	5.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	20.50	12.5	37.4	17.50	6.0	39.8	—	—	—
Millwrights	17.53	5.7	40.0	17.53	5.7	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.03	4.0	39.5	16.11	4.0	39.9	—	—	—
Supervisors, electricians and power transmission installers	29.22	9.4	39.3	29.22	9.4	39.3	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	26.31	6.1	40.0	26.31	6.1	40.0	—	—	—
Supervisors, construction trades, n.e.c.	23.56	8.2	39.5	23.55	8.4	40.0	—	—	—
Carpenters	19.23	3.7	38.2	19.36	3.6	38.5	—	—	—
Carpenter apprentices	13.23	7.5	40.0	13.23	7.5	40.0	—	—	—
Electricians	21.32	6.9	40.0	21.32	6.9	40.0	—	—	—
Electrician apprentices	15.11	4.6	40.0	15.11	4.6	40.0	—	—	—
Electrical power installers and repairers	24.13	3.7	40.0	24.13	3.7	40.0	—	—	—

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 1997—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									
Painters, construction and maintenance	\$13.83	17.5	40.0	\$13.83	17.5	40.0	—	—	—
Plumbers, pipefitters and steamfitters	17.20	13.0	40.0	17.20	13.0	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	14.16	7.3	40.0	14.16	7.3	40.0	—	—	—
Structural metal workers	22.72	8.7	34.9	—	—	—	—	—	—
Construction trades, n.e.c.	14.99	8.6	39.9	15.00	8.6	40.0	—	—	—
Drillers, oil well	16.22	8.5	41.3	16.22	8.5	41.3	—	—	—
Supervisors, production	21.65	6.6	40.1	21.65	6.6	40.1	—	—	—
Tool and die makers	17.47	7.5	40.5	17.47	7.5	40.5	—	—	—
Machinists	19.11	4.1	39.9	19.11	4.1	39.9	—	—	—
Layout workers	15.82	5.0	40.0	15.82	5.0	40.0	—	—	—
Sheet metal workers	23.53	7.2	40.0	23.53	7.2	40.0	—	—	—
Electrical and electronic equipment assemblers	9.39	5.4	39.3	9.47	5.2	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.96	14.2	39.8	14.96	14.2	39.8	—	—	—
Butchers and meat cutters	12.53	8.4	39.1	12.49	8.6	39.6	—	—	—
Bakers	11.58	6.1	37.1	11.77	6.6	39.4	—	—	—
Inspectors, testers, and graders	16.38	6.3	40.0	16.40	6.3	40.3	—	—	—
Water and sewer treatment plant operators	19.20	3.6	40.0	19.20	3.6	40.0	—	—	—
Stationary engineers	20.87	3.6	40.0	20.87	3.6	40.0	—	—	—
Machine operators, assemblers, and inspectors	10.44	2.4	39.2	10.51	2.4	39.8	\$7.36	5.8	22.3
Punching and stamping press operators	11.05	14.4	40.0	11.05	14.4	40.0	—	—	—
Drilling and boring machine operators	14.62	15.3	39.9	14.62	15.3	39.9	—	—	—
Grinding, abrading, buffing, and polishing machine operators	9.51	9.0	40.2	9.51	9.0	40.2	—	—	—
Numerical control machine operators	15.44	7.9	40.0	15.44	7.9	40.0	—	—	—
Fabricating machine operators, n.e.c.	11.48	10.1	39.6	11.48	10.1	39.6	—	—	—
Molding and casting machine operators	8.35	10.8	39.6	8.67	11.7	39.8	—	—	—
Metal plating machine operators	9.89	9.1	39.8	9.89	9.1	39.8	—	—	—
Printing press operators	15.57	9.4	38.2	15.56	9.6	38.9	—	—	—
Photoengravers and lithographers	13.90	11.9	39.0	13.90	11.9	39.0	—	—	—
Typesetters and compositors	13.52	10.3	39.1	13.52	10.3	39.1	—	—	—
Textile cutting machine operators	9.25	7.8	40.0	9.25	7.8	40.0	—	—	—
Textile sewing machine operators	7.01	5.6	38.5	7.03	5.7	39.1	—	—	—
Laundering and dry cleaning machine operators	7.50	3.4	36.9	7.55	3.2	39.2	—	—	—
Cementing and gluing machine operators	8.69	13.3	40.0	8.69	13.3	40.0	—	—	—
Packaging and filling machine operators	9.72	7.6	35.0	9.78	9.0	39.9	—	—	—
Extruding and forming machine operators	10.87	3.1	40.0	10.87	3.1	40.0	—	—	—
Mixing and blending machine operators	10.39	9.8	40.1	10.39	9.8	40.1	—	—	—
Separating, filtering, and clarifying machine operators	15.20	2.9	40.0	15.20	2.9	40.0	—	—	—
Painting and paint spraying machine operators	11.11	13.3	39.9	11.11	13.3	39.9	—	—	—
Furnace, kiln, and oven operators, except food	12.12	7.2	39.6	12.13	7.3	40.0	—	—	—
Crushing and grinding machine operators	12.68	7.9	40.0	12.68	7.9	40.0	—	—	—
Slicing and cutting machine operators	9.83	10.5	38.2	10.45	10.2	39.9	—	—	—
Photographic process machine operators	11.55	13.4	37.7	11.52	14.1	39.4	—	—	—
Miscellaneous machine operators, n.e.c.	10.60	3.9	39.3	10.66	3.9	40.0	—	—	—
Welders and cutters	14.77	6.8	40.0	14.77	6.8	40.0	—	—	—
Solders and braziers	8.71	9.3	40.0	8.71	9.3	40.0	—	—	—
Assemblers	9.65	4.4	39.0	9.71	4.5	39.9	6.59	6.3	18.5
Hand cutting and trimming	6.02	13.9	40.0	6.02	13.9	40.0	—	—	—
Hand molding, casting, and forming	8.40	15.8	38.6	—	—	—	—	—	—
Hand painting, coating, and decorating	10.15	22.0	40.0	10.15	22.0	40.0	—	—	—
Miscellaneous hand working, n.e.c.	8.52	6.7	39.5	8.59	6.7	40.1	—	—	—
Production inspectors, checkers and examiners	11.22	6.9	39.6	11.24	7.0	40.0	—	—	—
Production testers	11.45	7.9	40.0	11.45	7.9	40.0	—	—	—
Graders and sorters, except agricultural	11.41	8.2	38.9	11.41	8.2	38.9	—	—	—
Transportation and material moving	13.66	2.7	36.7	14.15	3.0	40.1	9.76	3.7	21.8
Supervisors, motor vehicle operators	19.49	6.5	40.4	19.49	6.5	40.4	—	—	—
Truck drivers	14.07	3.6	39.1	14.15	3.7	40.3	12.20	9.4	21.5
Driver-sales workers	11.59	8.6	35.7	12.55	8.0	40.0	6.92	15.0	23.6

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 1997—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									
Bus drivers	\$12.31	5.0	30.5	\$13.62	5.2	38.8	\$10.56	4.5	23.7
Taxicab drivers and chauffeurs	8.56	8.7	26.4	8.87	10.0	39.3	—	—	—
Parking lot attendants	7.40	10.6	31.8	8.32	13.7	40.0	6.13	4.8	24.7
Motor transportation, n.e.c.	7.19	14.3	28.9	7.42	18.6	39.8	—	—	—
Railroad conductors and yardmasters	25.21	15.8	41.6	25.21	15.8	41.6	—	—	—
Locomotive operating	22.97	13.3	42.0	22.97	13.3	42.0	—	—	—
Sailors and deckhands	18.69	9.0	38.0	19.32	9.5	40.0	—	—	—
Supervisors, material moving equipment	14.89	6.7	42.3	14.89	6.7	42.3	—	—	—
Operating engineers	20.05	2.8	40.0	20.05	2.8	40.0	—	—	—
Crane and tower operators	18.35	15.0	40.0	18.35	15.0	40.0	—	—	—
Excavating and loading machine operators	14.24	12.5	40.0	14.24	12.5	40.0	—	—	—
Grader, dozer, and scrapper operators	16.07	11.8	40.0	16.07	11.8	40.0	—	—	—
Industrial truck and tractor equipment operators	11.76	4.2	38.6	11.91	4.5	40.1	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.74	9.7	37.1	15.09	10.2	39.8	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Nursery workers	6.82	4.2	40.6	6.94	4.3	40.3	—	—	—
Supervisors, agriculture-related workers	17.86	5.0	40.2	17.57	5.9	40.2	—	—	—
Groundskeepers and gardeners, except farm ...	11.79	6.2	38.2	12.02	6.4	39.9	6.87	14.4	20.4
Animal caretakers, except farm	11.74	7.1	36.2	11.94	7.3	40.0	—	—	—
Inspectors, agricultural products	7.43	1.6	33.0	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.91	5.6	40.0	14.91	5.6	40.0	—	—	—
Helpers, mechanics and repairers	11.54	9.9	39.1	11.55	9.9	39.9	—	—	—
Helpers, construction trades	10.55	8.1	37.9	10.90	9.5	40.0	—	—	—
Construction laborers	12.16	8.8	38.8	12.43	9.3	40.0	—	—	—
Production helpers	8.00	4.1	37.8	7.97	4.2	39.5	8.56	7.8	19.6
Stock handlers and baggers	9.08	6.2	29.2	10.22	7.3	38.8	7.66	5.5	22.3
Machine feeders and offbearers	9.95	8.9	38.0	9.82	8.9	38.9	—	—	—
Freight, stock, and material handlers, n.e.c.	10.05	4.7	33.2	10.30	5.8	39.9	9.13	5.6	20.5
Garage and service station related	9.28	10.9	32.9	9.33	14.0	40.0	—	—	—
Vehicle washers and equipment cleaners	6.92	7.2	38.3	7.03	8.3	40.4	5.93	6.8	26.2
Hand packers and packagers	7.70	3.9	36.8	7.79	4.2	39.7	6.95	6.2	22.9
Laborers, except construction, n.e.c.	9.47	4.1	35.8	9.96	5.0	39.9	6.76	3.9	22.9
Service									
Protective service	15.59	5.6	37.6	17.00	4.9	40.9	7.32	6.7	25.5
Supervisors, firefighters and fire prevention	22.75	4.3	50.1	22.75	4.3	50.1	—	—	—
Supervisors, police and detectives	29.26	4.1	40.4	29.26	4.1	40.4	—	—	—
Supervisors, guards	18.72	15.4	38.7	19.24	15.1	40.1	—	—	—
Fire inspection and fire prevention	15.85	14.3	43.9	15.85	14.3	43.9	—	—	—
Firefighting	15.82	9.9	33.5	17.52	5.0	50.6	—	—	—
Police and detectives, public service	23.13	2.8	39.2	23.19	2.8	39.9	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	19.70	4.5	40.0	20.02	3.9	40.0	—	—	—
Correctional institution officers	17.53	2.8	40.0	17.53	2.8	40.0	—	—	—
Crossing guards	10.10	14.5	19.6	—	—	—	10.10	14.5	19.6
Guards and police, except public service	7.89	4.7	36.4	8.35	5.8	39.6	6.85	3.9	30.8
Protective service, n.e.c.	13.45	10.8	28.8	14.44	11.4	40.0	8.80	10.3	12.3
Food service	7.30	2.0	30.0	8.06	2.3	39.0	6.15	1.7	22.3
Supervisors, food preparation and service	12.03	4.0	38.8	12.26	3.8	40.3	—	—	—
Bartenders	6.83	4.1	31.1	7.95	3.4	36.1	5.93	2.9	28.0
Waiters and waitresses	5.40	2.1	26.6	5.69	3.7	37.1	5.17	1.7	21.8
Cooks	9.02	3.2	36.8	9.23	3.5	40.0	7.82	4.1	25.4
Food counter, fountain, and related	6.53	5.9	27.0	6.85	9.4	39.2	6.17	5.4	20.0
Kitchen workers, food preparation	7.79	2.9	32.0	7.78	3.4	39.0	7.81	5.6	23.1
Waiters/Waitresses' assistants	5.89	4.6	27.5	6.34	7.9	37.2	5.60	5.1	23.6
Food preparation, n.e.c.	6.77	3.1	28.2	7.12	3.6	39.2	6.37	3.5	21.5

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 1997–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									
Health service	\$9.28	2.3	34.4	\$9.22	2.6	39.1	\$9.63	3.5	20.9
Health aides, except nursing	11.10	2.3	33.3	11.22	2.5	39.6	10.51	4.9	18.5
Nursing aides, orderlies and attendants	8.65	2.5	34.8	8.54	2.8	38.9	9.30	3.4	22.0
Cleaning and building service	8.95	3.1	36.3	9.24	3.2	39.7	6.82	4.7	22.3
Supervisors, cleaning and building service workers	12.55	8.7	40.4	12.56	8.7	40.7	–	–	–
Maids and housemen	7.55	3.5	34.9	7.65	3.7	38.6	6.68	7.6	19.4
Janitors and cleaners	8.94	4.1	36.2	9.26	4.1	39.8	6.81	5.4	22.8
Personal service	9.67	3.1	27.2	10.87	4.2	36.4	7.94	5.7	19.9
Supervisors, personal service	13.25	7.9	38.6	13.94	6.7	41.0	–	–	–
Hairdressers and cosmetologists	8.44	3.4	35.2	–	–	–	–	–	–
Attendants, amusement, and recreation facilities	6.53	3.6	27.2	6.48	3.5	35.8	6.60	6.7	20.7
Ushers	5.59	3.3	10.8	–	–	–	5.59	3.3	10.8
Public transportation attendants	24.60	12.0	25.4	24.66	12.1	25.5	–	–	–
Baggage porters and bellhops	8.08	9.5	35.5	7.16	9.3	39.6	11.02	17.4	26.7
Welfare service aides	7.71	8.1	26.4	8.97	6.2	41.1	6.28	7.4	18.8
Early childhood teachers' assistants	8.46	3.2	27.9	8.51	4.2	38.1	8.41	3.7	21.8
Child care workers, n.e.c.	9.99	7.9	23.7	11.82	12.3	37.4	8.83	7.4	19.2
Service, n.e.c.	8.87	9.2	28.3	9.26	5.6	39.3	8.34	20.7	20.5

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 October 1996 and April

1998. The average reference period was May 1997.

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 1997

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	\$15.89	1.8	36.4	\$16.76	1.9	39.9	\$9.26	2.4	21.8
All excluding sales	15.99	1.8	36.8	16.75	1.9	39.9	9.52	2.8	22.2
White collar	19.94	1.9	36.7	20.84	1.9	40.1	11.71	3.4	20.9
White collar excluding sales	20.93	1.8	37.6	21.50	1.8	40.1	13.92	3.9	21.3
Professional specialty and technical	25.06	1.8	36.9	25.40	1.9	39.9	21.08	2.6	19.6
Professional specialty	27.17	2.0	36.9	27.54	2.1	40.2	22.75	3.0	18.6
Engineers, architects, and surveyors	30.43	1.4	40.1	30.47	1.4	40.3	25.03	11.8	22.7
Architects	33.34	16.8	41.9	33.53	17.3	43.1	-	-	-
Aerospace engineers	32.15	5.6	40.0	32.15	5.6	40.0	-	-	-
Metallurgical and materials engineers	24.08	6.9	40.0	24.08	6.9	40.0	-	-	-
Nuclear engineers	32.45	1.1	40.7	32.45	1.1	40.7	-	-	-
Civil engineers	31.63	7.4	40.2	31.63	7.4	40.2	-	-	-
Electrical and electronic engineers	31.01	2.7	40.4	31.15	2.8	40.6	-	-	-
Industrial engineers	26.18	3.4	40.4	26.18	3.4	40.4	-	-	-
Mechanical engineers	28.18	4.0	39.2	28.17	4.1	40.5	-	-	-
Engineers, n.e.c.	30.74	2.3	39.8	30.75	2.3	40.0	-	-	-
Mathematical and computer scientists	29.34	3.7	40.2	29.34	3.7	40.2	-	-	-
Computer systems analysts and scientists	29.79	3.9	40.2	29.80	3.9	40.2	-	-	-
Operations and systems researchers and analysts	25.03	7.3	40.0	25.03	7.3	40.0	-	-	-
Natural scientists	27.78	3.2	40.6	27.71	3.3	40.8	-	-	-
Chemists, except biochemists	26.93	8.7	41.0	26.93	8.7	41.0	-	-	-
Physical scientists, n.e.c.	30.95	3.3	40.0	30.95	3.3	40.0	-	-	-
Biological and life scientists	23.10	5.1	40.0	23.10	5.1	40.0	-	-	-
Medical scientists	21.43	9.7	40.3	20.42	8.9	41.4	-	-	-
Health related	23.64	2.1	32.3	23.41	2.5	38.7	24.41	2.6	20.5
Physicians	45.32	14.9	34.4	45.04	16.3	40.5	48.58	7.2	12.5
Registered nurses	22.80	1.2	32.1	22.39	1.2	38.4	24.12	2.8	21.0
Pharmacists	33.14	4.9	29.6	34.00	6.1	39.0	30.93	3.9	18.2
Dietitians	17.93	6.4	35.2	16.47	6.0	40.0	-	-	-
Respiratory therapists	17.92	5.2	32.1	17.88	5.8	39.2	18.17	4.5	15.7
Occupational therapists	22.85	13.3	29.8	21.69	14.0	38.8	-	-	-
Physical therapists	23.16	4.0	33.4	22.47	3.5	39.9	26.23	7.4	19.5
Therapists, n.e.c.	14.57	7.2	33.5	14.26	8.5	39.5	15.60	10.2	22.2
Physicians' assistants	21.38	30.6	38.0	-	-	-	-	-	-
Teachers, college and university	35.55	7.8	33.8	37.19	8.2	38.9	24.28	9.6	17.8
Psychology teachers	32.07	13.9	30.4	37.08	8.3	39.0	-	-	-
Engineering teachers	27.38	8.1	28.0	-	-	-	-	-	-
Health specialties teachers	20.96	30.3	26.3	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	39.57	13.8	33.3	40.73	14.1	38.1	-	-	-
English teachers	25.68	16.9	25.1	-	-	-	-	-	-
Foreign language teachers	26.86	15.4	32.7	-	-	-	-	-	-
Teachers, post secondary, subject not specified	25.24	8.1	39.1	25.13	8.3	40.0	-	-	-
Teachers, post secondary, n.e.c.	29.48	6.6	33.5	29.69	7.4	38.6	28.38	14.4	20.0
Teachers, except college and university	15.14	5.5	31.6	15.04	5.8	39.7	16.02	9.8	11.3
Prekindergarten and kindergarten	10.73	6.7	39.2	10.73	6.8	39.9	11.20	18.0	18.8
Elementary school teachers	14.94	8.1	38.1	14.97	8.4	39.3	14.18	14.6	21.9
Secondary school teachers	20.62	10.7	36.7	20.66	11.2	39.5	19.89	7.6	15.3
Teachers, n.e.c.	17.23	9.7	21.0	17.65	11.7	40.0	16.31	12.4	10.2
Substitute teachers	9.71	8.9	12.8	-	-	-	9.71	8.9	12.8
Vocational and educational counselors	13.01	5.0	38.1	12.91	5.1	39.9	14.96	9.2	20.2
Librarians, archivists, and curators	22.14	7.2	37.9	23.27	6.3	41.4	-	-	-
Librarians	20.65	7.9	35.0	22.26	4.4	39.5	-	-	-
Social scientists and urban planners	22.38	9.0	36.1	22.32	8.9	41.1	22.98	30.6	15.6
Economists	26.35	10.7	42.8	26.35	10.7	42.8	-	-	-
Psychologists	17.65	11.8	30.3	16.42	11.2	38.8	22.98	30.6	15.6
Social, recreation, and religious workers	12.89	9.0	39.9	12.52	11.2	44.5	18.65	15.8	15.3
Social workers	15.40	7.7	36.0	15.50	7.9	39.8	14.05	17.5	15.0
Recreation workers	10.81	5.0	40.0	10.81	5.0	40.0	-	-	-
Lawyers and judges	39.58	7.7	41.8	39.60	7.7	41.9	-	-	-
Lawyers	39.58	7.7	41.8	39.60	7.7	41.9	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.56	10.9	36.1	29.78	11.2	41.5	16.86	17.6	16.1

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 1997—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									
Technical writers	\$24.39	7.4	38.9	\$24.38	7.6	40.1	—	—	—
Designers	24.13	11.3	40.6	24.35	11.5	41.9	—	—	—
Actors and directors	32.27	24.8	33.3	33.63	28.2	44.5	—	—	—
Painters, sculptors, craft artists, and artist printmakers									
Editors and reporters	31.04	23.2	41.8	31.23	23.2	42.7	—	—	—
Public relations specialists	28.16	19.5	40.1	28.37	20.5	41.9	—	—	—
Professional, n.e.c.	22.02	13.7	39.8	22.02	13.7	39.8	—	—	—
Technical	27.47	10.5	39.9	27.52	10.7	40.3	—	—	—
Clinical laboratory technologists and technicians	19.02	2.1	37.1	19.24	2.3	39.3	\$16.60	4.2	22.8
Health record technologists and technicians	17.97	4.5	37.2	17.70	4.6	39.8	20.12	9.2	24.2
Radiological technicians	13.34	8.2	36.6	13.56	9.2	39.8	11.83	7.2	23.4
Licensed practical nurses	19.13	2.3	32.8	18.70	2.7	39.6	19.90	3.3	25.1
Health technologists and technicians, n.e.c.	14.26	1.8	33.2	14.27	2.1	38.6	14.20	2.5	19.6
Electrical and electronic technicians	15.04	4.8	35.3	15.39	5.3	39.5	13.06	5.4	21.9
Mechanical engineering technicians	19.75	3.7	39.4	19.73	3.8	40.1	20.32	17.6	28.0
Engineering technicians, n.e.c.	19.80	4.6	39.9	19.80	4.6	39.9	—	—	—
Drafters	19.13	6.3	39.7	19.18	6.3	40.0	—	—	—
Biological technicians	16.40	8.9	39.5	16.09	9.1	40.0	—	—	—
Chemical technicians	15.81	15.0	40.0	15.81	15.0	40.0	—	—	—
Science technicians, n.e.c.	19.40	10.8	40.5	19.40	10.8	40.5	—	—	—
Airplane pilots and navigators	20.56	3.2	40.0	20.56	3.2	40.0	—	—	—
Broadcast equipment operators	58.07	21.7	25.3	58.07	21.7	25.3	—	—	—
Computer programmers	12.36	8.6	36.8	—	—	—	—	—	—
Legal assistants	22.16	5.8	39.4	22.66	5.9	40.4	—	—	—
Technical and related, n.e.c.	17.94	5.6	38.7	17.94	5.6	38.7	—	—	—
	20.47	10.2	39.2	20.66	10.3	40.1	12.74	5.2	20.1
Executive, administrative, and managerial									
Executives, administrators, and managers	30.08	2.5	40.6	30.17	2.5	40.8	22.28	15.8	25.6
Financial managers	34.64	3.2	41.0	34.70	3.2	41.3	27.56	20.6	24.4
Personnel and labor relations managers	34.89	4.3	40.0	34.99	4.3	40.6	—	—	—
Purchasing managers	32.00	5.6	40.5	32.00	5.6	40.5	—	—	—
Managers, marketing, advertising, and public relations	31.86	6.4	40.4	31.86	6.4	40.4	—	—	—
Administrators, education and related fields	38.67	5.9	41.6	38.67	5.9	41.6	—	—	—
Managers, medicine and health	23.48	9.4	40.0	23.50	9.5	40.1	—	—	—
Managers, food servicing and lodging establishments	30.12	4.9	39.0	30.07	5.0	39.8	—	—	—
Managers, properties and real estate	16.52	8.6	45.7	16.52	8.6	45.7	—	—	—
Managers, service organizations, n.e.c.	26.08	20.6	41.3	26.54	21.3	42.3	—	—	—
Managers and administrators, n.e.c.	22.35	7.7	39.3	21.54	6.7	41.2	—	—	—
Management related	37.41	5.1	41.3	37.41	5.1	41.3	—	—	—
Accountants and auditors	22.51	2.5	39.8	22.58	2.6	40.2	18.20	13.7	26.7
Underwriters	21.05	2.3	40.0	20.99	2.3	40.0	—	—	—
Other financial officers	24.63	10.6	38.7	24.63	10.6	38.7	—	—	—
Management analysts	25.81	10.6	40.3	26.10	10.8	40.6	—	—	—
Personnel, training, and labor relations specialists	24.62	6.3	40.2	24.62	6.3	40.2	—	—	—
Buyers, wholesale and retail trade, except farm products	20.22	5.4	39.7	20.58	5.2	40.3	—	—	—
Purchasing agents and buyers, n.e.c.	20.77	10.0	39.9	20.77	10.0	39.9	—	—	—
Inspectors and compliance officers, except construction	21.11	2.9	40.1	21.13	3.0	40.5	—	—	—
Management related, n.e.c.	27.90	10.6	39.8	27.90	10.6	39.8	—	—	—
	22.49	3.0	39.4	22.55	3.0	40.2	19.97	7.6	21.8
Sales									
Supervisors, sales	14.85	5.2	32.8	16.84	5.4	40.0	7.97	2.4	20.2
	19.38	7.1	41.3	19.42	7.1	41.5	—	—	—

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 1997—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									
Sales —Continued									
Insurance sales	\$18.39	10.8	40.2	\$18.39	10.8	40.2	—	—	—
Real estate sales	50.11	20.4	41.6	50.11	20.4	41.6	—	—	—
Securities and financial services sales	26.36	37.1	39.7	26.45	37.5	40.0	—	—	—
Advertising and related sales	18.15	9.1	39.0	18.50	9.4	40.7	\$10.58	18.7	20.8
Sales, other business services	16.10	10.0	37.9	16.37	10.3	40.2	9.20	27.1	15.1
Sales engineers	28.06	8.5	40.0	28.06	8.5	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	28.03	5.2	41.2	28.03	5.2	41.2	—	—	—
Sales workers, motor vehicles and boats	18.17	11.0	41.3	18.20	11.0	41.8	—	—	—
Sales workers, apparel	8.90	6.7	25.4	10.20	9.0	38.5	7.55	5.7	18.8
Sales workers, shoes	10.42	5.0	28.6	11.69	3.9	40.3	8.88	8.6	21.2
Sales workers, furniture and home furnishings ..	9.05	6.6	25.4	10.50	8.4	37.9	7.79	5.0	19.8
Sales workers, radio, tv, hi-fi, and appliances ...	12.89	7.6	39.4	12.99	7.4	39.7	—	—	—
Sales workers, hardware and building supplies ..	13.44	10.6	39.6	13.65	10.7	40.2	—	—	—
Sales workers, parts	15.16	10.3	40.0	15.22	10.3	40.2	—	—	—
Sales workers, other commodities	11.79	15.1	31.6	13.43	17.3	38.7	7.13	3.2	20.8
Sales counter clerks	8.37	11.5	27.2	9.89	6.1	38.9	7.50	16.1	23.2
Cashiers	10.04	2.7	30.8	10.82	3.1	39.2	8.68	4.0	22.4
Demonstrators, promoters, and models, sales ..	—	—	—	11.89	12.3	40.0	—	—	—
Sales support, n.e.c.	13.26	8.2	32.5	15.00	7.8	39.9	—	—	—
Administrative support, including clerical	12.21	1.3	36.7	12.60	1.2	39.8	8.94	2.3	22.2
Supervisors, general office	16.87	3.6	40.2	16.95	3.6	40.5	—	—	—
Supervisors, financial records processing	18.56	4.7	39.5	18.56	4.7	39.5	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.15	7.1	40.7	19.15	7.1	40.7	—	—	—
Computer operators	15.07	7.7	39.7	15.07	7.7	39.7	—	—	—
Secretaries	14.08	2.1	38.1	14.26	2.3	39.8	11.61	4.7	24.4
Stenographers	14.20	5.4	39.2	14.28	5.6	40.0	—	—	—
Typists	12.72	7.0	35.4	13.39	8.3	39.7	10.05	4.6	24.7
Interviewers	10.50	5.1	36.0	10.22	5.3	39.6	—	—	—
Hotel clerks	8.86	6.7	38.3	8.89	7.0	39.7	—	—	—
Transportation ticket and reservation agents	12.05	7.9	37.1	11.90	7.8	40.0	13.17	15.3	24.3
Receptionists	9.44	2.6	35.4	9.76	2.7	39.5	7.36	3.7	21.2
Information clerks, n.e.c.	10.83	2.5	33.5	11.39	3.1	39.8	10.01	3.8	27.1
Order clerks	10.82	3.0	36.0	11.12	3.0	39.8	8.20	5.1	19.5
Personnel clerks, except payroll and timekeeping	13.26	4.9	39.6	13.22	5.0	40.1	—	—	—
Library clerks	15.90	8.7	36.8	16.26	8.4	39.8	9.87	4.7	16.4
File clerks	8.02	4.2	33.6	8.22	4.9	39.8	7.09	7.2	19.5
Records clerks, n.e.c.	12.29	4.7	37.9	12.65	4.4	39.6	9.07	10.8	27.5
Bookkeepers, accounting and auditing clerks ...	12.39	1.9	39.1	12.48	1.9	39.7	9.63	6.4	25.9
Payroll and timekeeping clerks	13.05	4.1	39.5	13.11	4.1	39.8	—	—	—
Billing clerks	11.05	4.0	38.9	11.10	4.0	40.0	—	—	—
Billing, posting, and calculating machine operators	9.82	6.0	31.7	—	—	—	—	—	—
Office machine operators, n.e.c.	9.61	12.1	38.4	9.88	12.0	39.9	—	—	—
Telephone operators	9.20	4.2	37.7	9.50	4.3	39.5	7.37	2.8	29.7
Mail clerks, except postal service	9.43	4.3	38.6	9.51	4.5	39.8	—	—	—
Messengers	11.32	8.9	36.7	11.39	9.7	39.1	—	—	—
Dispatchers	12.19	8.0	37.8	12.31	8.8	40.1	—	—	—
Production coordinators	15.52	4.7	39.5	15.54	4.7	39.8	—	—	—
Traffic, shipping and receiving clerks	10.99	4.5	38.1	11.20	4.5	39.8	7.59	10.1	22.2
Stock and inventory clerks	11.37	3.2	35.7	11.81	3.0	39.8	7.89	9.7	19.5
Meter readers	15.23	9.8	40.0	15.23	9.8	40.0	—	—	—
Expeditors	14.54	11.3	39.7	14.68	11.3	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.43	7.2	36.5	14.36	7.5	39.8	9.12	5.5	26.2
Insurance adjusters, examiners, and investigators	14.01	5.7	39.2	14.04	5.7	39.3	—	—	—
Investigators and adjusters, except insurance ...	13.44	9.2	39.0	13.57	9.4	40.0	10.40	5.4	24.0

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 1997—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									
Bill and account collectors	\$11.70	5.3	38.8	\$11.78	5.3	39.6	—	—	—
General office clerks	11.10	2.6	34.1	11.77	2.5	39.6	\$8.15	5.6	21.0
Bank tellers	8.97	1.8	21.4	9.71	2.8	39.7	8.79	1.3	19.3
Data entry keyers	10.73	5.3	36.3	10.94	5.8	39.5	9.20	5.2	22.7
Statistical clerks	12.76	12.9	35.8	12.89	13.5	39.7	10.92	10.6	15.0
Teachers' aides	9.83	22.8	30.9	10.78	27.9	39.5	7.93	6.1	21.6
Administrative support, n.e.c.	12.74	2.8	36.5	13.34	2.7	40.0	7.42	7.8	20.9
Blue collar	12.74	2.2	37.8	13.07	2.3	39.9	8.31	3.9	22.4
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.71	3.3	40.2	23.71	3.3	40.2	—	—	—
Automobile mechanics	16.61	4.6	39.5	16.63	4.6	39.6	—	—	—
Automobile mechanic apprentices	10.16	13.4	39.1	10.24	13.4	39.6	—	—	—
Bus, truck, and stationary engine mechanics	17.47	3.4	40.0	17.47	3.4	40.0	—	—	—
Aircraft engine mechanics	18.86	5.0	40.0	18.86	5.0	40.0	—	—	—
Automobile body and related repairers	13.20	13.3	40.0	13.20	13.3	40.0	—	—	—
Aircraft mechanics, except engine	20.75	1.2	40.0	20.75	1.2	40.0	—	—	—
Heavy equipment mechanics	18.03	11.4	40.0	18.03	11.4	40.0	—	—	—
Industrial machinery repairers	18.11	2.8	39.2	18.11	2.8	39.2	—	—	—
Machinery maintenance	11.55	11.5	39.8	11.55	11.5	39.8	—	—	—
Electronic repairers, communications and industrial equipment	17.01	7.2	39.7	17.07	7.2	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	21.92	17.7	35.8	16.60	6.8	39.7	—	—	—
Millwrights	17.53	5.7	40.0	17.53	5.7	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.55	4.4	39.8	15.55	4.5	40.0	—	—	—
Supervisors, electricians and power transmission installers	29.22	9.4	39.3	29.22	9.4	39.3	—	—	—
Supervisors, construction trades, n.e.c.	21.16	8.2	38.6	20.98	8.6	40.0	—	—	—
Carpenters	19.12	4.3	37.9	19.27	4.2	38.2	—	—	—
Carpenter apprentices	13.23	7.5	40.0	13.23	7.5	40.0	—	—	—
Electricians	21.59	7.4	40.0	21.59	7.4	40.0	—	—	—
Electrician apprentices	14.88	4.7	40.0	14.88	4.7	40.0	—	—	—
Electrical power installers and repairers	22.74	8.5	40.0	22.74	8.5	40.0	—	—	—
Painters, construction and maintenance	11.49	20.6	40.0	11.49	20.6	40.0	—	—	—
Plumbers, pipefitters and steamfitters	16.41	14.7	40.0	16.41	14.7	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	13.81	9.5	40.0	13.81	9.5	40.0	—	—	—
Structural metal workers	22.72	8.7	34.9	—	—	—	—	—	—
Construction trades, n.e.c.	14.29	16.1	39.9	14.30	16.1	40.0	—	—	—
Drillers, oil well	16.22	8.5	41.3	16.22	8.5	41.3	—	—	—
Supervisors, production	21.40	6.8	40.1	21.40	6.8	40.1	—	—	—
Tool and die makers	17.47	7.5	40.5	17.47	7.5	40.5	—	—	—
Machinists	19.11	4.1	39.9	19.11	4.1	39.9	—	—	—
Layout workers	15.82	5.0	40.0	15.82	5.0	40.0	—	—	—
Sheet metal workers	23.53	7.2	40.0	23.53	7.2	40.0	—	—	—
Electrical and electronic equipment assemblers	9.39	5.4	39.3	9.47	5.2	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.96	14.2	39.8	14.96	14.2	39.8	—	—	—
Butchers and meat cutters	12.53	8.4	39.1	12.49	8.6	39.6	—	—	—
Bakers	11.58	6.1	37.1	11.77	6.6	39.4	—	—	—
Inspectors, testers, and graders	16.30	6.4	40.0	16.32	6.5	40.3	—	—	—
Water and sewer treatment plant operators	14.51	4.9	40.0	14.51	4.9	40.0	—	—	—
Stationary engineers	20.51	4.5	40.0	20.51	4.5	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Punching and stamping press operators	10.41	2.4	39.2	10.48	2.5	39.8	7.33	5.8	22.4
Drilling and boring machine operators	11.05	14.4	40.0	11.05	14.4	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.62	15.3	39.9	14.62	15.3	39.9	—	—	—
Numerical control machine operators	9.51	9.0	40.2	9.51	9.0	40.2	—	—	—
	15.44	7.9	40.0	15.44	7.9	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 1997—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									
Fabricating machine operators, n.e.c.	\$11.48	10.1	39.6	\$11.48	10.1	39.6	—	—	—
Molding and casting machine operators	8.35	10.8	39.6	8.67	11.7	39.8	—	—	—
Metal plating machine operators	9.89	9.1	39.8	9.89	9.1	39.8	—	—	—
Printing press operators	15.91	9.6	38.1	15.90	9.8	38.8	—	—	—
Photoengravers and lithographers	13.90	11.9	39.0	13.90	11.9	39.0	—	—	—
Typesetters and compositors	13.52	10.3	39.1	13.52	10.3	39.1	—	—	—
Textile cutting machine operators	9.25	7.8	40.0	9.25	7.8	40.0	—	—	—
Textile sewing machine operators	7.01	5.6	38.5	7.03	5.7	39.1	—	—	—
Laundering and dry cleaning machine operators	7.09	3.3	37.0	7.17	3.3	39.0	—	—	—
Cementing and gluing machine operators	8.69	13.3	40.0	8.69	13.3	40.0	—	—	—
Packaging and filling machine operators	9.72	7.6	35.0	9.78	9.0	39.9	—	—	—
Extruding and forming machine operators	10.87	3.1	40.0	10.87	3.1	40.0	—	—	—
Mixing and blending machine operators	10.39	9.8	40.1	10.39	9.8	40.1	—	—	—
Separating, filtering, and clarifying machine operators	15.20	2.9	40.0	15.20	2.9	40.0	—	—	—
Painting and paint spraying machine operators	11.11	13.3	39.9	11.11	13.3	39.9	—	—	—
Furnace, kiln, and oven operators, except food	12.12	7.2	39.6	12.13	7.3	40.0	—	—	—
Crushing and grinding machine operators	12.68	7.9	40.0	12.68	7.9	40.0	—	—	—
Slicing and cutting machine operators	9.83	10.5	38.2	10.45	10.2	39.9	—	—	—
Photographic process machine operators	11.55	13.4	37.7	11.52	14.1	39.4	—	—	—
Miscellaneous machine operators, n.e.c.	10.51	3.8	39.3	10.57	3.8	40.0	—	—	—
Welders and cutters	14.48	6.9	40.0	14.48	6.9	40.0	—	—	—
Solders and braziers	8.71	9.3	40.0	8.71	9.3	40.0	—	—	—
Assemblers	9.65	4.4	39.0	9.71	4.5	39.9	\$6.59	6.3	18.5
Hand cutting and trimming	6.02	13.9	40.0	6.02	13.9	40.0	—	—	—
Hand molding, casting, and forming	8.40	15.8	38.6	—	—	—	—	—	—
Hand painting, coating, and decorating	10.15	22.0	40.0	10.15	22.0	40.0	—	—	—
Miscellaneous hand working, n.e.c.	8.52	6.7	39.5	8.59	6.7	40.1	—	—	—
Production inspectors, checkers and examiners	11.22	6.9	39.6	11.24	7.0	40.0	—	—	—
Production testers	11.45	7.9	40.0	11.45	7.9	40.0	—	—	—
Graders and sorters, except agricultural	11.41	8.2	38.9	11.41	8.2	38.9	—	—	—
Transportation and material moving	13.30	3.2	36.9	13.81	3.4	40.3	9.07	4.3	21.8
Supervisors, motor vehicle operators	18.82	9.4	40.6	18.82	9.4	40.6	—	—	—
Truck drivers	13.93	3.8	39.0	14.01	4.0	40.4	12.15	9.6	21.6
Driver-sales workers	11.47	8.7	35.6	12.44	8.2	40.0	6.92	15.0	23.6
Bus drivers	9.34	3.0	27.1	8.73	4.8	39.6	—	—	—
Taxicab drivers and chauffeurs	8.56	8.7	26.4	8.87	10.0	39.3	—	—	—
Parking lot attendants	7.38	10.7	31.8	8.28	13.8	40.0	6.13	4.8	24.7
Motor transportation, n.e.c.	6.75	13.4	28.4	6.86	17.5	39.8	—	—	—
Supervisors, material moving equipment	14.89	6.7	42.3	14.89	6.7	42.3	—	—	—
Operating engineers	20.04	3.6	40.0	20.04	3.6	40.0	—	—	—
Crane and tower operators	18.35	15.0	40.0	18.35	15.0	40.0	—	—	—
Grader, dozer, and scrapper operators	18.18	10.9	40.0	18.18	10.9	40.0	—	—	—
Industrial truck and tractor equipment operators	11.76	4.2	38.6	11.91	4.5	40.1	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	13.75	10.8	36.7	14.07	11.6	39.8	—	—	—
Handlers, equipment cleaners, helpers, and laborers	9.11	2.2	35.0	9.42	2.5	39.7	7.68	3.1	22.5
Nursery workers	6.82	4.2	40.6	6.94	4.3	40.3	—	—	—
Groundskeepers and gardeners, except farm ...	9.16	6.3	37.4	9.39	6.4	39.8	5.62	3.1	19.4
Animal caretakers, except farm	11.71	9.6	35.0	11.99	10.3	40.0	—	—	—
Inspectors, agricultural products	7.43	1.6	33.0	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.03	7.3	40.0	15.03	7.3	40.0	—	—	—
Helpers, mechanics and repairers	9.89	10.2	39.9	9.89	10.2	39.9	—	—	—
Helpers, construction trades	9.59	5.1	37.5	9.92	6.1	40.0	—	—	—
Construction laborers	11.76	10.6	39.5	11.78	10.7	40.0	—	—	—
Production helpers	7.98	4.3	38.8	7.99	4.4	39.5	—	—	—

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 1997—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									
Stock handlers and baggers	\$9.08	6.2	29.2	\$10.22	7.3	38.8	\$7.66	5.5	22.3
Machine feeders and offbearers	9.95	8.9	38.0	9.82	8.9	38.9	—	—	—
Freight, stock, and material handlers, n.e.c.	9.98	4.8	33.1	10.22	5.9	39.9	9.13	5.6	20.5
Garage and service station related	9.23	11.1	32.8	9.26	14.4	40.0	—	—	—
Vehicle washers and equipment cleaners	6.89	7.2	38.2	7.00	8.3	40.4	5.93	6.8	26.2
Hand packers and packagers	7.70	3.9	36.8	7.79	4.2	39.7	6.95	6.2	22.9
Laborers, except construction, n.e.c.	8.96	3.9	35.4	9.42	4.7	39.9	6.75	3.9	23.0
Service									
Protective service	7.99	1.4	32.6	8.50	1.6	39.0	6.62	1.9	22.8
Supervisors, guards	8.08	5.1	36.2	8.57	6.2	39.8	6.95	4.5	29.9
Supervisors, guards	13.08	12.8	37.9	13.32	13.6	40.2	—	—	—
Guards and police, except public service	7.71	4.6	36.4	8.11	5.7	39.7	6.82	3.7	30.7
Protective service, n.e.c.	9.69	15.2	25.6	10.96	18.5	40.1	6.89	5.5	14.2
Food service	7.02	1.7	30.2	7.79	2.1	38.9	5.83	1.5	22.4
Supervisors, food preparation and service	11.81	5.6	38.6	12.08	5.6	40.4	—	—	—
Bartenders	6.83	4.1	31.1	7.95	3.4	36.1	5.93	2.9	28.0
Waiters and waitresses	5.40	2.1	26.6	5.69	3.7	37.1	5.17	1.7	21.8
Cooks	8.75	3.2	37.2	8.94	3.5	40.0	7.61	4.7	26.1
Food counter, fountain, and related	6.11	3.7	26.0	6.21	5.6	39.0	6.03	5.5	20.0
Kitchen workers, food preparation	7.58	3.0	33.2	7.74	3.4	39.0	7.12	6.0	23.1
Waiters/Waitresses' assistants	5.87	4.6	27.8	6.34	7.9	37.2	5.56	5.1	23.9
Food preparation, n.e.c.	6.31	2.7	28.7	6.75	3.4	39.2	5.74	2.3	21.4
Health service	8.84	2.6	34.3	8.76	2.9	38.9	9.30	4.4	20.8
Health aides, except nursing	10.69	2.5	32.5	10.73	2.8	39.4	10.51	6.1	18.2
Nursing aides, orderlies and attendants	8.33	2.8	34.9	8.23	3.1	38.8	8.88	4.1	21.8
Cleaning and building service	7.93	2.8	35.9	8.15	2.9	39.6	6.50	4.6	22.3
Supervisors, cleaning and building service workers	11.24	6.3	40.6	11.25	6.4	40.9	—	—	—
Maids and housemen	7.34	3.6	35.0	7.46	3.9	38.5	6.33	5.4	19.7
Janitors and cleaners	7.80	3.9	35.8	8.03	4.1	39.8	6.50	5.3	22.8
Personal service	9.56	4.4	28.3	10.80	4.6	36.4	7.36	8.1	20.2
Supervisors, personal service	13.25	7.9	38.6	13.94	6.7	41.0	—	—	—
Hairdressers and cosmetologists	8.44	3.4	35.2	—	—	—	—	—	—
Attendants, amusement, and recreation facilities	6.44	3.5	28.9	6.47	3.5	35.8	6.38	7.5	22.2
Ushers	5.59	3.3	10.8	—	—	—	5.59	3.3	10.8
Public transportation attendants	24.66	12.1	25.5	24.66	12.1	25.5	—	—	—
Baggage porters and bellhops	8.08	9.5	35.5	7.16	9.3	39.6	11.02	17.4	26.7
Welfare service aides	7.42	9.1	26.2	8.76	8.1	41.5	6.22	7.4	19.7
Early childhood teachers' assistants	8.10	2.3	32.7	—	—	—	7.65	5.1	23.5
Child care workers, n.e.c.	8.15	9.8	25.9	9.86	8.1	40.0	6.77	8.9	20.2
Service, n.e.c.	8.52	10.6	28.8	8.63	5.4	39.8	8.36	24.2	20.9

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 October 1996 and April

1998. The average reference period was May 1997.

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 1997

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	\$20.23	1.7	35.5	\$20.89	1.8	39.4	\$14.37	3.3	18.8
All excluding sales	20.26	1.7	35.5	20.91	1.7	39.4	14.41	3.3	18.8
White collar	21.55	1.6	35.2	22.10	1.7	39.0	16.48	3.6	18.6
White collar excluding sales	21.59	1.6	35.2	22.13	1.6	39.0	16.57	3.6	18.5
Professional specialty and technical	26.24	1.9	34.2	26.54	2.0	38.3	22.99	3.8	15.8
Professional specialty	27.53	1.5	33.9	27.80	1.6	38.1	24.45	3.3	15.0
Engineers, architects, and surveyors	26.84	3.5	41.0	26.84	3.5	41.0	—	—	—
Civil engineers	26.94	4.6	40.0	26.94	4.6	40.0	—	—	—
Engineers, n.e.c.	26.09	10.2	43.9	26.09	10.2	43.9	—	—	—
Mathematical and computer scientists	24.09	5.9	39.9	24.07	5.9	40.3	—	—	—
Computer systems analysts and scientists	24.09	5.9	39.9	24.07	5.9	40.3	—	—	—
Natural scientists	21.38	6.1	41.2	21.40	6.1	41.4	—	—	—
Chemists, except biochemists	25.14	2.6	40.0	25.14	2.6	40.0	—	—	—
Physical scientists, n.e.c.	21.00	2.8	40.2	21.00	2.8	40.2	—	—	—
Health related	24.71	2.2	34.6	24.28	2.6	40.5	26.38	2.8	22.3
Physicians	25.96	15.9	44.1	24.05	16.5	49.5	—	—	—
Registered nurses	24.60	1.1	33.2	24.26	1.8	39.6	25.57	1.8	22.5
Dietitians	20.03	6.4	36.6	—	—	—	—	—	—
Respiratory therapists	18.70	7.0	29.5	—	—	—	—	—	—
Occupational therapists	20.84	15.8	31.9	—	—	—	—	—	—
Speech therapists	24.19	7.8	35.1	24.08	8.3	36.1	—	—	—
Teachers, college and university	32.93	2.5	26.3	33.35	2.5	41.8	31.19	6.1	10.3
Biological science teachers	33.22	3.7	22.1	—	—	—	—	—	—
Chemistry teachers	37.73	4.9	40.0	37.73	4.9	40.0	—	—	—
Engineering teachers	36.42	6.5	46.4	36.42	6.9	53.3	—	—	—
Mathematical science teachers	36.50	5.2	21.4	37.19	5.8	40.0	33.09	2.5	6.5
Business, commerce, and marketing teachers ..	35.23	2.6	16.9	—	—	—	35.97	10.7	5.8
Art, drama, and music teachers	34.06	2.2	28.3	—	—	—	—	—	—
Physical education teachers	38.59	6.4	14.7	—	—	—	—	—	—
English teachers	31.84	4.6	19.0	—	—	—	—	—	—
Foreign language teachers	40.50	6.7	19.7	—	—	—	—	—	—
Teachers, post secondary, subject not specified	31.46	8.0	28.1	31.60	8.8	40.0	30.53	8.6	9.4
Teachers, post secondary, n.e.c.	32.88	5.1	21.7	33.94	4.9	37.2	30.31	9.3	10.8
Teachers, except college and university	29.46	1.9	32.9	30.00	2.0	36.2	21.36	7.2	13.9
Prekindergarten and kindergarten	24.17	4.6	26.1	23.57	6.2	37.5	—	—	—
Elementary school teachers	29.92	2.7	35.4	29.94	2.7	36.1	27.30	12.5	12.1
Secondary school teachers	31.54	2.3	35.8	31.55	2.4	36.1	31.09	13.4	20.1
Teachers, special education	29.93	3.5	35.7	29.97	3.6	36.4	—	—	—
Teachers, n.e.c.	26.71	5.6	26.8	27.84	6.7	35.8	23.42	13.2	15.5
Substitute teachers	15.05	5.3	12.9	—	—	—	15.14	5.3	12.7
Vocational and educational counselors	29.38	10.2	36.8	29.40	10.2	37.4	—	—	—
Librarians, archivists, and curators	25.00	5.5	37.2	24.98	7.6	38.3	—	—	—
Librarians	25.80	5.6	36.9	25.81	7.6	38.1	—	—	—
Social scientists and urban planners	25.27	7.8	38.7	25.41	7.8	39.3	18.37	12.8	22.1
Psychologists	25.56	9.9	38.3	25.75	10.1	39.1	18.37	12.8	22.1
Urban planners	24.14	5.0	40.0	24.14	5.0	40.0	—	—	—
Social, recreation, and religious workers	19.10	5.2	36.8	19.17	5.6	40.0	18.25	6.7	18.8
Social workers	19.31	5.6	38.2	19.23	6.0	40.0	20.36	5.7	23.7
Recreation workers	16.44	5.8	25.0	18.27	3.7	40.0	8.76	9.8	9.7
Lawyers and judges	31.85	10.8	41.5	31.85	10.8	41.5	—	—	—
Lawyers	30.79	12.0	41.7	30.79	12.0	41.7	—	—	—
Writers, authors, entertainers, athletes, and									
professionals, n.e.c.	18.59	9.7	35.0	17.97	11.0	42.7	21.14	16.5	20.0
Artists, performers, and related workers, n.e.c.	14.79	6.0	21.5	—	—	—	—	—	—
Professional, n.e.c.	18.53	17.1	42.1	16.45	17.1	45.6	—	—	—
Technical	16.72	4.8	36.9	16.95	4.9	39.8	14.80	7.4	22.9
Clinical laboratory technologists and									
technicians	17.37	7.0	38.7	17.30	7.2	40.0	—	—	—
Health record technologists and technicians	14.85	10.7	27.9	—	—	—	—	—	—
Radiological technicians	21.81	10.2	29.5	—	—	—	23.91	8.4	22.4
Licensed practical nurses	15.36	1.3	36.5	15.38	1.3	39.9	15.29	6.3	25.1
Health technologists and technicians, n.e.c.	15.73	2.6	38.6	15.64	2.7	40.0	—	—	—
Electrical and electronic technicians	24.57	6.1	40.0	24.57	6.1	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 1997–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									
Technical –Continued									
Engineering technicians, n.e.c.	\$16.95	5.5	38.4	\$17.25	5.6	40.0	–	–	–
Biological technicians	10.42	6.6	27.9	–	–	–	–	–	–
Science technicians, n.e.c.	16.68	3.9	35.0	16.69	4.1	37.5	–	–	–
Computer programmers	22.77	8.7	39.7	22.77	8.7	39.7	–	–	–
Legal assistants	11.59	9.7	40.0	–	–	–	–	–	–
Technical and related, n.e.c.	16.44	7.5	36.0	16.43	8.1	39.9	\$16.53	9.7	17.2
Executive, administrative, and managerial	25.57	2.6	39.3	25.50	2.6	40.0	30.19	12.1	18.4
Executives, administrators, and managers	30.23	3.9	39.2	30.03	4.0	40.1	44.03	14.2	15.3
Legislators	33.55	20.7	11.8	–	–	–	–	–	–
Administrators and officials, public administration	29.15	5.5	39.7	28.91	5.5	40.1	–	–	–
Financial managers	33.27	7.8	40.5	33.27	7.8	40.5	–	–	–
Personnel and labor relations managers	34.22	8.0	41.4	34.22	8.0	41.4	–	–	–
Administrators, education and related fields	35.80	3.1	39.1	35.54	3.1	40.6	–	–	–
Managers, medicine and health	34.13	7.1	41.6	34.13	7.1	41.6	–	–	–
Managers, service organizations, n.e.c.	21.21	8.7	40.0	21.21	8.7	40.0	–	–	–
Managers and administrators, n.e.c.	27.29	11.8	39.6	27.39	12.0	40.1	–	–	–
Management related	21.06	2.3	39.4	21.08	2.4	40.0	19.55	10.0	21.8
Accountants and auditors	21.13	4.8	39.8	21.11	4.8	40.0	–	–	–
Management analysts	24.60	3.7	38.6	24.51	4.1	40.0	–	–	–
Personnel, training, and labor relations specialists	20.62	5.2	39.0	20.78	5.3	40.0	–	–	–
Purchasing agents and buyers, n.e.c.	18.19	1.9	40.1	18.19	1.9	40.1	–	–	–
Construction inspectors	24.58	2.9	39.8	24.58	2.9	39.8	–	–	–
Inspectors and compliance officers, except construction	20.14	6.1	40.0	20.14	6.1	40.0	–	–	–
Management related, n.e.c.	19.53	4.8	38.9	19.57	4.9	39.9	–	–	–
Sales	11.57	7.3	29.9	12.42	10.4	40.0	9.76	4.9	19.5
Cashiers	10.72	5.1	26.9	–	–	–	9.81	5.0	19.8
Administrative support, including clerical	13.16	1.7	35.1	13.58	1.7	39.6	10.83	2.9	21.5
Supervisors, general office	17.29	4.7	39.7	17.30	4.7	40.0	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	20.10	7.8	40.0	20.10	7.8	40.0	–	–	–
Computer operators	17.81	6.0	36.3	–	–	–	–	–	–
Secretaries	13.85	3.1	38.3	14.10	2.9	39.7	10.82	3.1	26.9
Stenographers	17.21	12.8	35.0	17.36	14.6	39.7	–	–	–
Typists	12.00	3.8	39.5	12.01	3.8	39.7	–	–	–
Receptionists	11.57	5.2	36.7	11.02	3.2	40.0	–	–	–
Information clerks, n.e.c.	13.58	4.7	35.4	14.18	4.2	40.0	–	–	–
Order clerks	16.27	8.7	37.3	16.96	8.8	40.0	–	–	–
Personnel clerks, except payroll and timekeeping	13.85	7.6	40.0	13.85	7.6	40.0	–	–	–
Library clerks	11.03	3.4	28.7	11.11	5.2	37.6	10.90	3.4	20.4
File clerks	11.76	7.2	32.5	12.68	3.6	40.0	–	–	–
Records clerks, n.e.c.	11.96	2.9	38.7	11.95	2.9	39.7	–	–	–
Bookkeepers, accounting and auditing clerks ...	13.79	3.0	39.1	13.80	3.0	39.9	–	–	–
Payroll and timekeeping clerks	12.72	4.9	39.4	12.70	4.9	40.0	–	–	–
Billing clerks	12.06	7.1	40.0	12.06	7.1	40.0	–	–	–
Dispatchers	17.09	6.6	38.9	17.07	6.7	39.5	–	–	–
Stock and inventory clerks	13.04	6.9	36.3	13.78	5.9	40.0	–	–	–
Meter readers	16.88	9.6	37.3	17.67	9.4	40.0	–	–	–
Investigators and adjusters, except insurance ...	21.03	6.0	40.0	21.03	6.0	40.0	–	–	–
Eligibility clerks, social welfare	13.78	3.9	39.7	13.79	3.9	39.9	–	–	–
General office clerks	12.45	2.1	36.3	12.63	2.0	39.8	10.95	6.5	20.8
Data entry keyers	12.55	1.9	39.3	12.59	1.9	39.7	–	–	–
Teachers' aides	10.42	3.4	24.2	10.00	4.3	35.7	10.56	4.2	21.8
Administrative support, n.e.c.	14.60	3.0	36.6	14.82	3.2	39.9	12.10	8.1	18.6

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 1997—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	\$17.35	2.7	38.2	\$17.67	2.8	39.8	\$11.37	5.1	21.6
Precision production, craft, and repair	20.40	2.6	39.8	20.45	2.6	40.0	—	—	—
Supervisors, mechanics and repairers	25.34	5.7	40.0	25.34	5.7	40.0	—	—	—
Automobile mechanics	19.57	4.1	40.0	19.57	4.1	40.0	—	—	—
Bus, truck, and stationary engine mechanics	18.30	3.6	40.0	18.30	3.6	40.0	—	—	—
Industrial machinery repairers	22.66	4.9	40.0	22.66	4.9	40.0	—	—	—
Electronic repairers, communications and industrial equipment	20.86	2.2	39.9	20.86	2.2	39.9	—	—	—
Mechanics and repairers, n.e.c.	17.60	8.6	38.5	17.95	8.6	39.8	—	—	—
Supervisors, construction trades, n.e.c.	25.03	10.6	40.0	25.03	10.6	40.0	—	—	—
Electricians	20.31	7.2	40.0	20.31	7.2	40.0	—	—	—
Electrical power installers and repairers	25.07	3.3	40.0	25.07	3.3	40.0	—	—	—
Construction trades, n.e.c.	15.80	3.6	39.9	15.81	3.6	40.0	—	—	—
Water and sewer treatment plant operators	20.07	3.5	40.0	20.07	3.5	40.0	—	—	—
Stationary engineers	22.55	6.4	39.9	22.55	6.4	39.9	—	—	—
Machine operators, assemblers, and inspectors	13.88	17.3	38.6	13.92	17.6	40.0	—	—	—
Transportation and material moving	15.50	3.1	35.8	15.88	3.5	39.3	12.80	2.3	21.8
Supervisors, motor vehicle operators	21.30	2.0	40.0	21.30	2.0	40.0	—	—	—
Truck drivers	15.93	2.9	39.5	15.95	2.9	40.0	—	—	—
Bus drivers	14.10	4.7	33.0	14.47	5.8	38.7	12.77	2.5	21.7
Operating engineers	20.09	3.7	40.0	20.09	3.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	19.88	8.6	39.0	20.14	8.5	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	14.02	3.9	38.1	14.37	4.3	40.0	8.61	7.0	21.8
Groundskeepers and gardeners, except farm ...	15.02	5.1	39.2	15.16	5.1	40.0	—	—	—
Helpers, mechanics and repairers	16.24	4.4	36.9	16.39	4.1	40.0	—	—	—
Construction laborers	13.76	11.3	36.5	15.67	1.9	40.0	—	—	—
Laborers, except construction, n.e.c.	13.05	9.0	39.4	13.08	9.1	40.0	—	—	—
Service	16.97	3.3	35.4	18.15	3.3	40.8	9.38	4.2	19.1
Protective service	20.66	2.9	38.6	21.16	2.6	41.5	9.13	21.8	14.9
Supervisors, firefighters and fire prevention	22.80	4.3	50.2	22.80	4.3	50.2	—	—	—
Supervisors, police and detectives	29.29	4.1	40.4	29.29	4.1	40.4	—	—	—
Firefighting	15.82	9.9	33.5	17.52	5.0	50.6	—	—	—
Police and detectives, public service	23.14	2.8	39.3	23.19	2.8	39.9	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	19.70	4.5	40.0	20.02	3.9	40.0	—	—	—
Correctional institution officers	17.53	2.8	40.0	17.53	2.8	40.0	—	—	—
Crossing guards	10.10	14.5	19.6	—	—	—	10.10	14.5	19.6
Guards and police, except public service	11.93	6.6	37.4	12.67	3.3	37.7	—	—	—
Protective service, n.e.c.	14.56	11.8	29.8	15.25	12.5	40.0	—	—	—
Food service	10.27	4.3	28.7	11.30	7.0	39.8	9.04	2.7	21.6
Supervisors, food preparation and service	13.07	8.4	40.0	13.07	8.4	40.0	—	—	—
Cooks	12.13	8.1	32.7	13.18	6.0	39.8	9.22	4.9	21.9
Kitchen workers, food preparation	9.90	4.0	23.8	—	—	—	9.80	4.1	22.8
Food preparation, n.e.c.	9.18	3.1	25.8	10.19	1.9	39.4	8.62	3.6	21.6
Health service	11.50	4.7	34.7	11.59	5.4	39.9	11.05	2.7	21.6
Health aides, except nursing	12.09	5.6	35.5	12.31	5.3	40.0	10.51	5.3	19.8
Nursing aides, orderlies and attendants	11.01	5.5	34.1	10.93	6.9	39.8	11.30	2.9	22.5
Cleaning and building service	12.90	3.7	37.9	13.16	3.7	39.9	9.26	6.3	22.0
Supervisors, cleaning and building service workers	16.89	17.7	40.0	16.89	17.7	40.0	—	—	—
Maids and housemen	11.04	6.9	33.1	—	—	—	—	—	—
Janitors and cleaners	12.66	3.6	37.9	12.93	3.6	40.0	9.05	6.1	22.8
Personal service	10.12	5.8	23.4	11.29	12.1	35.9	9.34	3.7	19.0
Attendants, amusement, and recreation facilities	7.81	6.6	15.5	—	—	—	7.78	6.8	15.3
Early childhood teachers' assistants	8.68	5.1	25.6	8.72	8.4	36.4	8.65	4.6	21.3

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 1997–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 –Continued									
Child care workers, n.e.c.	\$12.83	9.5	20.9	\$16.29	12.5	32.7	\$11.35	4.4	18.2
Service, n.e.c.	11.07	10.0	25.4	13.49	11.2	36.1	8.24	8.0	18.8

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 October 1996 and April

1998. The average reference period was May 1997.

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. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997

Occupational group and level	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	\$16.88	1.5	36.2	\$15.89	1.8	36.4	\$20.23	1.7	35.5
All excluding sales	17.03	1.5	36.4	15.99	1.8	36.8	20.26	1.7	35.5
White collar	20.39	1.6	36.3	19.94	1.9	36.7	21.55	1.6	35.2
1	6.61	2.1	27.1	6.55	2.3	26.9	7.37	4.2	31.4
2	8.64	2.1	29.6	8.54	2.5	30.8	9.27	2.5	23.9
3	9.83	1.2	31.6	9.60	1.3	31.6	10.83	2.1	31.6
4	11.74	1.0	36.6	11.63	1.1	36.9	12.13	1.7	35.6
5	13.97	1.7	37.7	14.01	1.8	38.4	13.86	2.8	35.9
6	16.67	2.5	37.5	15.83	1.9	38.7	18.61	6.2	35.2
7	18.32	1.2	37.7	18.08	1.5	38.3	18.84	2.3	36.4
8	21.33	1.5	37.6	20.14	1.3	38.4	24.03	3.6	35.9
9	25.66	1.4	36.5	24.26	2.1	37.9	27.23	1.7	35.1
10	26.54	1.9	38.1	26.34	2.8	40.0	26.83	2.3	35.7
11	30.63	1.5	40.0	31.01	1.5	40.1	29.47	3.8	39.9
12	37.06	3.1	39.6	37.42	3.6	40.5	34.98	3.0	34.9
13	45.78	2.3	38.6	46.09	2.6	39.4	43.96	3.1	34.6
14	53.46	3.4	42.3	55.68	3.4	41.8	43.18	7.1	44.6
15	89.00	11.0	41.9	89.00	11.0	41.9	—	—	—
Not able to be leveled	30.23	14.6	34.9	33.12	17.4	34.5	21.86	8.6	36.1
White collar excluding sales	21.14	1.5	36.8	20.93	1.8	37.6	21.59	1.6	35.2
1	6.84	3.2	27.1	6.78	3.6	26.7	7.27	4.2	31.4
2	8.82	1.9	31.4	8.73	2.4	33.7	9.27	2.5	23.9
3	10.04	1.1	33.7	9.77	1.1	34.4	10.82	2.2	31.8
4	11.90	.9	37.0	11.82	1.0	37.6	12.12	1.7	35.6
5	13.95	1.8	37.5	13.98	2.1	38.3	13.88	2.6	35.9
6	16.53	2.6	37.3	15.48	1.2	38.4	18.61	6.2	35.2
7	18.42	1.3	37.5	18.19	1.6	38.0	18.84	2.3	36.4
8	21.32	1.6	37.3	19.94	1.3	38.0	24.03	3.6	35.9
9	25.39	1.0	36.4	23.65	1.1	37.8	27.23	1.7	35.1
10	26.33	1.9	38.0	25.93	2.8	40.0	26.83	2.3	35.7
11	30.38	1.5	39.9	30.71	1.5	39.9	29.47	3.8	39.9
12	36.29	1.7	39.6	36.53	1.9	40.5	34.98	3.0	34.9
13	45.24	2.1	38.6	45.46	2.4	39.4	43.96	3.1	34.6
14	53.19	3.4	42.3	55.37	3.4	41.8	43.18	7.1	44.6
15	89.00	11.0	41.9	89.00	11.0	41.9	—	—	—
Not able to be leveled	30.88	14.6	35.2	34.14	17.3	34.8	21.86	8.6	36.1
Professional specialty and technical	25.53	1.4	35.8	25.06	1.8	36.9	26.24	1.9	34.2
Professional specialty	27.33	1.3	35.5	27.17	2.0	36.9	27.53	1.5	33.9
4	12.09	9.8	31.0	12.12	10.3	32.3	—	—	—
5	13.89	4.0	29.0	14.59	5.0	33.4	12.47	3.8	22.9
6	21.76	8.2	32.1	15.22	4.6	35.3	27.59	7.6	29.7
7	20.82	3.1	33.8	19.89	4.1	35.5	22.46	4.3	31.1
8	23.38	2.3	35.2	20.97	1.8	35.7	26.30	3.7	34.7
9	26.52	1.3	34.9	23.93	1.2	36.0	28.21	1.9	34.2
10	26.19	2.9	36.2	25.27	4.5	39.4	27.19	3.5	33.4
11	30.03	2.2	39.5	30.83	1.9	39.5	28.37	5.3	39.6
12	35.95	1.9	38.4	36.26	1.9	40.3	34.33	5.3	30.9
13	44.00	4.3	37.3	44.00	4.9	38.9	44.00	6.5	30.4
14	45.98	4.6	42.2	49.75	4.5	39.5	39.00	7.5	48.3
Not able to be leveled	31.17	13.7	32.7	34.82	18.0	30.0	24.80	7.5	38.6
Engineers, architects, and surveyors	30.06	1.3	40.2	30.43	1.4	40.1	26.84	3.5	41.0
5	18.29	3.3	39.6	18.32	3.6	39.6	—	—	—
6	18.95	5.2	40.0	18.76	6.7	40.0	—	—	—
7	23.41	3.2	40.0	23.35	3.3	40.0	—	—	—
8	21.41	3.7	39.8	21.41	3.7	39.8	—	—	—
9	25.60	1.8	40.1	25.68	2.1	40.1	25.12	3.4	39.9
10	27.07	4.0	40.7	28.02	2.4	39.0	24.00	12.1	47.3
11	30.84	1.6	40.2	30.96	1.7	40.3	29.89	4.5	39.9
12	35.86	1.7	40.3	35.90	1.8	40.3	—	—	—
13	41.64	3.1	40.9	41.68	3.2	40.9	—	—	—
14	46.70	3.8	40.0	46.70	3.8	40.0	—	—	—
Not able to be leveled	30.85	6.8	39.2	33.36	4.8	38.7	—	—	—
Mathematical and computer scientists	28.51	3.6	40.1	29.34	3.7	40.2	24.09	5.9	39.9

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997–Continued

Occupational group and level	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									
6	\$17.15	5.8	39.9	\$17.15	5.8	39.9	–	–	–
7	19.95	3.9	40.0	20.98	4.1	39.9	\$18.35	2.1	40.0
8	23.90	3.4	39.8	23.92	3.5	39.8	–	–	–
9	25.41	3.0	40.1	25.83	3.2	40.2	22.49	1.0	39.9
10	27.19	2.9	39.3	27.14	3.0	39.8	27.28	6.1	38.6
11	30.62	3.6	40.6	32.00	3.3	40.4	24.86	4.7	41.5
12	36.56	4.4	40.2	36.79	4.4	40.2	–	–	–
13	42.24	3.7	41.1	42.24	3.7	41.1	–	–	–
Natural scientists	25.32	3.4	40.8	27.78	3.2	40.6	21.38	6.1	41.2
7	18.14	6.8	40.8	18.43	7.9	41.0	–	–	–
8	20.97	4.6	39.5	21.31	5.9	40.7	–	–	–
9	22.60	2.3	40.4	21.96	2.1	41.3	22.85	3.0	40.0
10	20.70	10.0	41.9	–	–	–	–	–	–
11	26.51	8.0	41.7	30.61	2.7	40.6	–	–	–
12	35.37	5.0	40.0	35.92	5.0	40.1	–	–	–
13	38.68	6.3	40.0	38.68	6.3	40.0	–	–	–
Health related	23.93	1.6	32.9	23.64	2.1	32.3	24.71	2.2	34.6
5	14.05	5.4	30.3	13.48	3.9	29.3	–	–	–
6	17.39	8.9	26.6	18.17	9.7	24.7	–	–	–
7	20.12	3.0	31.1	20.03	3.5	30.0	20.45	5.5	36.0
8	21.39	2.3	32.4	21.09	2.7	32.3	22.79	5.5	32.6
9	23.23	1.1	32.6	22.97	1.5	32.5	23.79	1.7	32.9
10	25.77	4.2	36.5	24.51	4.2	36.2	28.08	7.3	37.2
11	27.20	3.4	34.0	27.60	4.8	32.0	26.30	3.2	39.8
12	32.81	8.6	40.1	34.49	8.0	37.5	31.09	15.6	43.0
13	52.57	5.0	25.2	53.73	6.2	21.7	–	–	–
Not able to be leveled	32.16	24.8	36.6	–	–	–	–	–	–
Teachers, college and university	33.51	2.7	27.6	35.55	7.8	33.8	32.93	2.5	26.3
6	14.84	3.3	22.5	–	–	–	15.20	2.9	19.6
7	17.65	11.0	20.8	15.56	7.4	26.3	–	–	–
8	28.53	21.1	21.2	17.93	13.2	35.2	30.43	21.1	19.8
9	30.11	7.1	20.1	19.14	6.0	33.5	31.72	5.9	18.9
10	29.39	2.7	22.8	26.73	12.1	29.6	29.71	2.9	22.1
11	36.22	6.5	36.4	39.84	14.1	37.1	33.96	3.0	36.0
12	40.54	3.9	22.5	46.16	6.0	35.4	38.72	4.8	20.2
13	41.45	8.0	25.2	39.95	9.4	32.5	42.24	10.5	22.5
14	37.03	4.6	45.6	–	–	–	–	–	–
Not able to be leveled	32.95	9.5	47.3	–	–	–	–	–	–
Teachers, except college and university	27.88	2.1	32.8	15.14	5.5	31.6	29.46	1.9	32.9
4	8.78	2.8	26.9	–	–	–	–	–	–
5	11.59	4.9	21.2	11.58	7.2	27.8	11.60	5.7	15.6
6	26.48	9.2	29.7	12.51	4.7	33.5	30.07	6.6	28.8
7	22.54	11.6	28.8	13.28	6.1	37.1	27.46	6.2	25.8
8	26.77	4.1	35.1	15.75	6.7	34.9	27.67	4.2	35.1
9	30.14	2.4	34.3	20.61	9.2	32.3	30.41	2.4	34.4
10	30.84	8.3	33.6	23.79	17.6	36.2	31.37	8.6	33.4
11	29.62	16.5	39.7	28.33	16.0	39.4	29.74	17.9	39.7
Librarians, archivists, and curators	24.14	4.5	37.4	22.14	7.2	37.9	25.00	5.5	37.2
7	18.55	5.9	38.5	–	–	–	–	–	–
8	19.82	3.5	39.5	–	–	–	–	–	–
9	23.08	3.5	39.7	21.73	4.3	39.9	23.60	4.4	39.7
11	32.97	1.1	37.4	–	–	–	–	–	–
Social scientists and urban planners	23.53	6.5	37.1	22.38	9.0	36.1	25.27	7.8	38.7
6	15.08	4.3	37.5	–	–	–	–	–	–
7	19.49	5.5	41.4	–	–	–	–	–	–
9	22.98	15.6	35.9	17.72	9.7	34.1	28.30	16.1	37.9
10	21.76	10.6	39.4	–	–	–	24.00	9.9	39.1
11	31.77	5.7	36.1	–	–	–	31.40	5.0	39.6
Social, religious, and recreation workers	17.49	5.5	37.5	12.89	9.0	39.9	19.10	5.2	36.8

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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									
Social, religious, and recreation workers—Continued									
5	\$11.66	2.0	31.4	—	—	—	\$11.89	1.3	30.5
6	13.81	5.8	35.2	\$12.11	6.2	31.6	—	—	—
7	16.75	3.0	39.7	12.58	7.2	38.4	17.36	3.1	40.0
8	16.79	7.1	39.6	13.96	11.4	40.1	19.09	6.3	39.2
9	20.71	6.1	36.4	17.62	10.9	29.0	21.02	6.4	37.4
10	16.75	20.3	44.2	13.27	25.4	51.9	—	—	—
11	17.63	27.9	43.3	—	—	—	25.07	3.5	36.5
Lawyers and judges	35.78	7.7	41.7	39.58	7.7	41.8	31.85	10.8	41.5
11	29.66	6.7	40.6	—	—	—	32.07	5.5	39.7
12	39.10	7.6	41.1	42.04	8.0	42.0	35.24	10.0	40.0
13	54.25	13.9	44.8	55.40	17.3	43.6	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.57	10.4	36.0	28.56	10.9	36.1	18.59	9.7	35.0
5	15.65	7.1	39.8	15.71	7.3	39.8	—	—	—
6	14.30	11.4	36.6	14.30	12.3	36.4	—	—	—
7	20.21	12.7	40.5	20.61	13.3	40.5	—	—	—
8	21.23	4.5	39.2	21.35	4.6	39.1	—	—	—
9	23.88	3.2	39.1	23.64	3.2	39.1	—	—	—
10	24.65	9.6	43.2	26.33	7.6	42.3	—	—	—
11	30.80	7.3	41.7	30.87	7.4	41.7	—	—	—
12	35.58	8.1	44.4	37.08	5.8	45.1	—	—	—
Not able to be leveled	33.47	22.1	29.9	36.57	23.0	29.6	18.02	13.9	31.1
Technical	18.48	2.4	37.0	19.02	2.1	37.1	16.72	4.8	36.9
2	10.02	9.5	34.1	9.96	10.5	33.7	—	—	—
3	10.35	4.1	33.6	10.45	4.4	36.9	—	—	—
4	11.98	4.4	35.7	12.58	4.3	35.3	10.44	4.6	36.7
5	14.63	2.9	36.5	14.92	2.7	36.5	13.55	4.3	36.4
6	16.75	2.0	36.5	16.92	2.1	37.1	16.02	5.7	34.3
7	18.34	2.5	37.4	18.64	3.3	36.9	17.72	3.0	38.6
8	20.29	3.0	38.2	20.61	2.5	38.2	19.35	5.8	38.2
9	24.38	4.6	38.2	24.69	5.2	37.9	22.25	3.8	39.9
10	23.04	5.5	40.1	23.42	5.4	40.1	22.10	13.1	40.0
11	40.66	12.0	37.5	40.66	12.0	37.5	—	—	—
Not able to be leveled	18.06	6.4	34.6	18.20	7.1	38.2	—	—	—
Executive, administrative, and managerial	29.06	2.1	40.3	30.08	2.5	40.6	25.57	2.6	39.3
5	13.41	2.7	38.8	13.45	3.2	38.6	13.26	3.7	39.6
6	15.22	2.9	40.4	15.28	3.5	40.7	15.09	5.2	39.6
7	17.33	1.6	40.0	17.18	1.9	40.3	17.74	3.2	39.3
8	18.34	1.9	40.5	18.16	2.3	40.9	19.01	3.7	39.1
9	23.23	1.3	39.9	23.32	1.6	40.1	23.00	2.1	39.4
10	26.97	2.0	40.3	27.15	3.0	40.5	26.71	2.5	40.0
11	30.27	1.9	40.6	29.92	2.2	40.6	31.62	3.3	40.7
12	36.58	2.7	40.7	36.74	3.1	40.7	35.63	3.1	40.3
13	44.72	2.0	40.1	44.86	2.3	40.4	43.93	2.8	38.1
14	57.74	3.9	42.4	57.85	4.1	43.0	56.30	5.4	36.1
15	90.97	11.8	41.9	90.97	11.8	41.9	—	—	—
Not able to be leveled	42.61	23.7	38.5	45.21	25.3	40.1	24.16	16.5	30.0
Executives, administrators, and managers	33.81	2.8	40.7	34.64	3.2	41.0	30.23	3.9	39.2
5	10.26	14.2	36.3	10.26	14.2	36.3	—	—	—
6	12.81	5.0	43.7	12.60	8.1	46.6	—	—	—
7	16.39	3.6	40.8	16.46	4.2	41.1	—	—	—
8	16.87	3.0	41.8	16.90	3.2	41.9	16.47	9.3	40.0
9	23.67	1.8	40.0	23.60	2.0	40.2	23.95	3.9	39.4
10	27.75	3.0	40.5	28.09	4.2	40.9	27.28	3.7	40.0
11	31.19	2.2	40.8	30.72	2.7	40.8	32.77	3.2	40.8
12	36.26	1.7	40.7	36.21	2.0	40.9	36.54	2.3	39.8
13	44.93	2.1	40.1	45.12	2.4	40.4	43.93	2.8	38.1

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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									
14	\$58.04	4.0	42.5	\$58.18	4.2	43.1	\$56.30	5.4	36.1
15	90.97	11.8	41.9	90.97	11.8	41.9	—	—	—
Not able to be leveled	52.67	28.6	38.5	53.10	29.2	40.7	37.12	19.1	12.9
Management related	22.10	2.0	39.7	22.51	2.5	39.8	21.06	2.3	39.4
5	13.71	2.5	39.1	13.85	2.9	38.9	13.26	3.7	39.6
6	15.97	2.5	39.5	15.93	3.2	39.5	16.09	3.8	39.3
7	17.74	1.5	39.7	17.52	1.9	39.9	18.27	2.4	39.0
8	19.32	2.3	39.7	19.29	2.9	40.0	19.38	3.6	39.0
9	22.89	1.7	39.8	23.08	2.3	40.1	22.53	2.6	39.4
10	25.57	1.6	39.9	25.52	2.3	39.9	25.64	3.2	40.0
11	27.51	2.4	39.9	27.75	2.6	39.9	26.04	5.5	40.0
12	38.65	15.5	40.4	40.04	16.6	39.9	—	—	—
13	39.60	4.6	40.0	39.60	4.6	40.0	—	—	—
14	50.98	7.6	40.1	50.98	7.6	40.1	—	—	—
Not able to be leveled	22.57	9.1	38.6	22.85	9.9	38.5	21.94	19.4	38.9
Sales									
1	14.82	5.1	32.8	14.85	5.2	32.8	11.57	7.3	29.9
2	6.37	2.5	27.1	6.33	2.5	27.0	—	—	—
3	7.87	6.9	23.5	7.87	6.9	23.5	—	—	—
4	9.33	3.2	27.6	9.30	3.2	27.7	11.05	2.0	25.2
5	11.12	2.8	35.1	11.11	2.8	35.1	—	—	—
6	14.10	2.8	38.7	14.15	2.6	38.6	—	—	—
7	18.09	9.8	40.3	18.09	9.8	40.3	—	—	—
8	16.97	3.6	40.8	16.98	3.7	40.8	—	—	—
9	21.41	4.4	40.9	21.41	4.4	40.9	—	—	—
10	34.65	20.3	41.1	34.81	20.4	41.1	—	—	—
11	29.51	9.1	40.2	29.51	9.1	40.2	—	—	—
12	34.02	6.2	41.8	34.02	6.2	41.8	—	—	—
Not able to be leveled	60.60	15.9	40.2	60.60	15.9	40.2	—	—	—
11.31	18.2	29.4	11.31	18.2	29.4	—	—	—	
Administrative support, including clerical									
1	12.48	1.1	36.2	12.21	1.3	36.7	13.16	1.7	35.1
2	6.83	3.2	27.1	6.78	3.6	26.7	7.27	4.2	31.4
3	8.82	1.9	31.4	8.72	2.4	33.7	9.27	2.5	23.9
4	10.04	1.1	33.8	9.75	1.1	34.4	10.84	2.2	32.1
5	11.89	.9	37.2	11.77	1.1	37.8	12.23	1.4	35.6
6	13.88	2.1	38.9	13.77	2.9	39.3	14.11	2.5	38.1
7	14.99	1.3	39.0	15.03	1.5	39.3	14.91	2.1	38.3
8	17.18	1.3	39.5	17.23	1.6	39.6	17.08	2.3	39.3
9	19.87	4.5	40.2	19.71	5.4	40.3	20.61	6.5	39.8
Not able to be leveled	19.78	2.6	39.5	19.44	3.1	39.5	—	—	—
13.41	8.6	36.5	14.02	9.2	36.8	11.81	15.8	35.6	
Blue collar									
1	13.14	2.1	37.9	12.74	2.2	37.8	17.35	2.7	38.2
2	6.96	2.4	34.4	6.92	2.5	34.4	9.28	6.1	31.6
3	8.63	2.3	36.5	8.55	2.3	36.5	11.65	11.2	36.3
4	10.17	2.6	37.9	10.02	2.8	38.1	12.51	3.9	35.3
5	12.01	2.6	37.9	11.83	2.8	38.0	13.79	3.8	36.7
6	14.18	3.2	39.3	13.89	3.7	39.5	16.26	2.6	38.3
7	17.19	2.5	39.9	17.23	2.7	39.9	16.88	2.7	39.9
8	19.49	1.3	39.7	19.16	1.4	39.7	21.16	2.7	40.0
9	23.32	2.9	40.0	23.34	3.2	40.0	23.13	4.9	40.0
10	26.54	4.0	40.0	26.40	4.6	40.0	27.65	4.3	40.0
Not able to be leveled	28.11	3.8	41.5	28.29	4.0	41.7	—	—	—
16.13	15.3	39.2	14.54	14.4	39.5	—	—	—	
Precision production, craft, and repair									
1	17.62	2.4	39.6	17.26	2.7	39.6	20.40	2.6	39.8
7.37	15.4	38.7	7.37	15.7	39.5	—	—	—	

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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									
2	\$8.31	5.7	38.5	\$8.15	5.6	38.4	—	—	—
3	10.23	7.1	39.4	10.13	7.2	39.4	—	—	—
4	13.41	7.1	39.2	13.27	7.7	39.1	\$15.91	4.6	39.6
5	14.93	5.6	39.6	14.82	6.2	39.6	16.23	5.1	40.0
6	18.40	2.9	40.0	18.54	3.1	40.0	17.29	5.2	39.8
7	19.68	1.4	39.7	19.36	1.5	39.6	21.17	3.0	40.0
8	23.51	3.1	40.0	23.51	3.3	40.0	23.54	5.7	40.0
9	26.50	4.5	40.2	26.33	5.2	40.2	27.73	4.4	40.0
10	28.20	3.8	41.6	28.29	4.0	41.7	—	—	—
Not able to be leveled	21.90	10.0	40.0	19.75	7.6	40.0	—	—	—
Machine operators, assemblers, and inspectors	10.44	2.4	39.2	10.41	2.4	39.2	13.88	17.3	38.6
1	6.57	3.7	38.4	6.50	3.8	38.4	—	—	—
2	8.05	3.0	39.0	8.05	3.0	39.0	—	—	—
3	9.77	4.1	39.2	9.77	4.1	39.2	—	—	—
4	10.95	3.1	39.0	10.95	3.1	39.1	—	—	—
5	11.87	2.5	39.7	11.86	2.5	39.7	—	—	—
6	14.71	4.2	39.8	14.71	4.2	39.8	—	—	—
7	18.27	2.8	39.8	18.08	2.9	39.8	—	—	—
Not able to be leveled	9.37	28.4	39.4	9.37	28.4	39.4	—	—	—
Transportation and material moving	13.66	2.7	36.7	13.30	3.2	36.9	15.50	3.1	35.8
1	7.71	5.3	30.0	7.71	5.3	30.1	—	—	—
2	9.17	11.2	34.3	9.15	11.3	34.5	—	—	—
3	11.53	3.9	35.9	11.24	4.9	36.7	12.66	2.2	33.3
4	12.35	4.3	36.4	12.11	4.7	36.8	13.67	6.2	34.5
5	15.49	2.6	38.5	15.17	3.2	39.4	16.37	4.4	36.3
6	17.44	5.4	40.0	17.63	6.0	40.0	16.06	5.3	40.0
7	20.83	3.8	40.0	20.89	4.8	40.0	20.69	7.0	40.0
8	23.15	2.3	40.0	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	9.52	2.0	35.2	9.11	2.2	35.0	14.02	3.9	38.1
1	7.03	3.0	33.0	7.00	3.1	33.0	9.27	10.5	29.5
2	9.02	3.1	34.9	8.90	3.1	34.8	11.20	13.1	36.7
3	10.14	4.3	36.8	9.92	4.7	36.8	12.54	7.6	36.4
4	11.58	4.2	37.3	11.24	4.6	36.9	13.33	4.0	40.0
5	14.18	3.7	38.8	13.41	4.7	38.4	16.13	3.5	40.0
6	14.97	5.5	39.5	14.09	5.8	39.3	16.80	5.7	40.0
7	16.56	4.4	40.0	15.64	4.0	40.0	—	—	—
Not able to be leveled	9.97	21.7	36.9	9.40	24.2	38.1	—	—	—
Service	10.47	2.1	33.3	7.99	1.4	32.6	16.97	3.3	35.4
1	6.54	1.6	31.0	6.33	1.7	31.4	9.35	2.3	27.2
2	7.55	2.7	31.4	7.33	3.0	31.8	9.51	4.5	28.7
3	8.25	2.7	31.3	7.56	2.2	32.1	11.34	5.3	28.4
4	10.45	2.5	35.3	9.83	2.9	35.2	12.63	3.7	35.5
5	12.06	3.7	35.3	10.73	4.6	35.4	13.84	4.9	35.3
6	15.29	5.3	37.1	12.48	5.1	34.5	17.08	8.2	39.0
7	18.75	2.2	39.6	15.47	6.1	37.0	19.58	2.3	40.3
8	20.27	4.2	41.4	15.52	6.0	40.7	21.49	4.6	41.6
9	23.42	2.0	41.8	16.80	16.0	41.7	24.02	1.6	41.8
10	27.77	3.3	40.5	—	—	—	28.04	3.2	40.5
Not able to be leveled	12.43	16.2	35.0	9.93	9.6	38.0	18.95	19.6	29.0
Protective service	15.59	5.6	37.6	8.08	5.1	36.2	20.66	2.9	38.6
1	5.75	6.3	35.7	5.70	6.1	36.1	—	—	—
2	7.54	4.0	34.6	7.39	3.4	34.8	13.16	12.7	30.6
3	7.44	6.6	32.2	7.18	5.6	36.7	9.37	17.4	17.1
4	10.97	13.4	38.8	8.85	17.0	38.1	14.48	8.5	40.1
5	13.26	6.1	35.8	10.49	5.5	37.3	14.80	7.2	35.0
6	18.21	8.4	40.8	14.83	13.8	32.6	18.38	8.8	41.3

See footnotes at end of table.

Table 6. Occupational groups¹ and levels,² Pacific: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ 1997—Continued

Occupational group and level	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									
7	\$19.97	2.2	40.4	\$18.53	2.2	38.7	\$20.06	2.3	40.5
8	21.45	4.5	41.6	—	—	—	21.49	4.6	41.6
9	23.92	1.6	41.7	—	—	—	24.02	1.6	41.8
10	27.96	3.2	40.5	—	—	—	28.04	3.2	40.5
Food service	7.30	2.0	30.0	7.02	1.7	30.2	10.27	4.3	28.7
1	5.83	1.9	28.1	5.74	1.9	28.4	9.04	3.2	21.6
2	6.84	2.9	28.9	6.53	2.5	29.2	8.99	4.1	27.1
3	7.01	2.8	28.5	6.67	2.6	28.5	9.53	1.4	28.0
4	8.76	3.9	35.0	8.69	4.0	35.2	10.75	2.9	31.0
5	10.32	5.0	38.8	9.43	5.5	39.2	13.16	7.0	37.7
6	12.27	5.5	42.5	11.66	4.5	42.9	—	—	—
7	12.74	6.1	40.5	12.75	6.9	40.6	—	—	—
8	17.39	3.2	40.8	17.39	3.2	40.8	—	—	—
Health service	9.28	2.3	34.4	8.84	2.6	34.3	11.50	4.7	34.7
1	7.23	7.2	33.6	7.23	7.8	33.2	—	—	—
2	7.77	2.9	33.0	7.74	3.1	32.8	8.06	6.0	34.8
3	8.32	3.5	33.9	7.98	3.5	34.2	10.33	3.4	32.1
4	10.14	3.1	36.4	9.55	3.5	36.4	12.47	6.7	36.4
5	12.46	4.2	33.2	12.02	5.3	33.1	14.19	3.8	33.5
6	13.44	1.9	34.2	—	—	—	—	—	—
Cleaning and building service	8.95	3.1	36.3	7.93	2.8	35.9	12.90	3.7	37.9
1	7.27	2.9	35.6	6.97	2.7	35.8	10.41	3.2	33.5
2	8.82	6.1	34.8	8.52	7.7	34.4	11.44	2.4	39.1
3	10.43	6.3	37.0	8.85	5.9	36.0	13.67	8.0	39.2
4	11.19	5.3	38.8	10.36	9.7	38.7	12.03	2.7	38.9
5	12.41	3.5	39.8	11.12	3.2	39.7	14.18	2.3	40.0
6	14.80	7.6	40.0	14.24	6.5	40.1	—	—	—
7	14.63	5.2	42.0	14.12	11.5	44.5	—	—	—
Personal service	9.67	3.1	27.2	9.56	4.4	28.3	10.12	5.8	23.4
1	6.05	3.7	22.3	5.70	3.3	22.6	7.24	5.0	21.2
2	6.93	4.3	26.1	6.64	4.0	27.5	8.21	13.2	21.1
3	8.46	4.0	24.3	7.97	4.2	25.9	10.02	3.5	20.1
4	11.44	10.6	30.4	11.49	11.9	31.7	11.08	6.4	22.9
5	10.89	13.8	30.4	11.54	21.7	29.1	9.78	7.3	32.8
6	12.20	9.0	28.1	12.49	11.1	29.3	11.27	9.1	24.8
7	17.05	12.4	32.7	16.79	16.7	31.5	—	—	—
8	13.17	3.5	42.0	13.17	3.5	42.0	—	—	—
Not able to be leveled	9.17	14.3	34.0	8.36	11.4	39.8	—	—	—

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 October 1996 and April 1998. The average reference period was May 1997.

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. Occupational groups may include data for levels not shown separately.

Technical Note

The data in this report 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 2,258 establishments with 50 or more workers,¹ representing about 43,900 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 industry, an establishment is usually at a single physical location. For State and local government, 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. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated.

Sample design and data collection. The sample for this survey was selected using a three stage design. The first stage consists of the selection of areas. The nationwide NCS sample includes 149 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas (as defined by the Office of Management and Budget) and the remaining portions of the 48 contiguous 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.

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.

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

Clatsop County, OR
Crook County, OR
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 is drawn by first stratifying the sampling frame by industry and ownership. 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 are applied to each establishment when the data are tabulated so the establishment represents similar units (by industry and employment size) in the economy that are not selected for collection.

The third stage of sample selection is a probability sample of occupations within a sampled establishment. In the Pacific region, collection was conducted between October 1996 and April 1998 with an average reference period of May 1997. The combined average payroll reference month for all surveys that contributed to the national estimates is August 1997. Additional information about the area sample and method of estimation is available in the BLS publication, *National Compensation Survey: Occupational Wages in the United States, 1997*, Bulletin 2519.

Occupational selection and classification. Identification of the occupations for which wage data are collected is 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
3. Characterization of jobs as full time v. part time, union v. nonunion, and time v. incentive

4. Determination of the level of work of each job

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

In step one, the jobs to be sampled are selected at each establishment by the BLS field economist during a personal visit. A complete list of employees is used for sampling, with each selected worker representing a job within the establishment. As with the selection of establishments, the selection of a job is 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 entails 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 overlap two or more census classification codes, the duties used to set the wage level are used to classify the job. Classification by primary duties is the fallback.

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

The fourth step in the job classification procedure is 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 using the criteria for leveling a job, see appendixes C and D at www.bls.gov/compub.htm or any of our published NCS bulletins. This web site also has a link to the NCS job descriptions.

Data reliability. The data in this summary 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 report provide RSE data for indicated series.

The 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 is \$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 ($\$15.09 \times 1.645 \times 0.006 = \0.149 , round to \$0.15); ($\$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 conducted in all survey areas will be used to develop a formal quality assessment process to help compute nonsampling error. Although they also are not specifically measured, efforts are made to minimize nonsampling errors by the extensive training of field economists who gather survey data, edit the data by computer, and provide a detailed review of the data.

Census area divisions. Census divisions providing data are 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.² Some census divisions include Consolidated Metropolitan Statistical Areas (CMSAs) and Metropolitan Statistical Areas (MSAs) that cross State lines.

² Although Alaska and Hawaii are included in the Pacific Census Division, the 1997 NCS excluded these States.

Additional information about the National Compensation Survey, including a list of occupational classifications, is available by calling (202) 691-6199. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning, 2 Massachusetts Ave., NE, Room 4175, Washington, DC 20212-0001, or send e-mail to **OCLTINFO@bls.gov**.

The data contained in this summary are also available on the Internet through the BLS site **<http://stats.bls.gov/comhome.htm>**. Data are in three formats: An ASCII file

containing the published table formats; an ASCII file containing positional columns of data for manipulation as a data base or spreadsheet; and a Portable Document Format (PDF) containing the entire summary.

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Table A. Number of establishments represented by the survey and number studied by industry group and establishment employment size, Pacific, National Compensation Survey, 1997

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	43,900	2,258	693	935	234	244	84	68
Private Industry	40,800	1,948	674	863	179	159	40	33
Goods-producing industries	8,900	505	124	238	65	47	16	15
Mining	100	26	7	15	3	1	-	-
Construction	1,600	55	27	24	4	-	-	-
Manufacturing	7,300	424	90	199	58	46	16	15
Durable goods	3,800	272	53	116	39	37	12	15
Fabricated metal products, except machinery and transportation equipment	600	26	6	18	2	-	-	-
Industrial and commercial machinery and computer equipment	200	30	3	12	4	9	1	1
Electronic and electrical equipment	1,100	74	16	30	11	11	3	3
Transportation equipment	200	43	3	11	6	10	4	9
Measuring, analyzing, and controlling instruments	500	40	6	18	6	5	3	2
Nondurable goods	3,500	152	37	83	19	9	4	-
Food and kindred products	1,000	48	13	25	8	2	-	-
Printing, publishing, and allied industries	500	31	4	17	4	5	1	-
Chemicals and allied products	300	18	1	8	6	1	2	-
Service-producing industries	31,900	1,443	550	625	114	112	24	18
Transportation and utilities	2,900	134	47	50	14	18	3	2
Wholesale trade	2,900	96	44	46	3	2	1	-
Retail trade	11,200	351	186	144	14	7	-	-
Finance, insurance and real estate	2,500	117	28	55	8	19	1	6
Depository institutions	600	38	4	16	3	8	1	6
Insurance carriers	700	32	8	14	4	6	-	-
Services	12,300	745	245	330	75	66	19	10
Business services	3,300	139	39	71	11	14	3	1
Educational services	600	136	59	60	9	5	2	1
Health services	2,900	201	47	87	23	31	9	4
Hospitals	600	76	2	17	16	29	8	4
Engineering, accounting, research, management, and related services	1,100	59	21	20	7	7	3	1
State and local government	3,000	310	19	72	55	85	44	35
Health services	100	34	2	4	4	12	8	4
Hospitals	100	26	-	2	4	10	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 1997**

Occupational group	All industries	Private industry	State and local government
All	8,773,100	6,562,000	2,211,100
All excluding sales	8,124,300	5,920,200	2,204,000
White collar	5,107,200	3,496,400	1,610,800
White collar excluding sales	4,458,300	2,854,600	1,603,700
Professional specialty and technical	1,903,400	1,019,900	883,500
Professional specialty occupations	1,564,400	761,100	803,400
Technical occupations	339,000	258,900	80,100
Executive, administrative, and managerial	816,200	624,000	192,200
Sales	648,900	641,800	7,100
Administrative support, including clerical	1,738,700	1,210,700	528,000
Blue collar	2,141,500	1,953,000	188,500
Precision production, craft, and repair	701,400	621,200	80,100
Machine operators, assemblers, and inspectors	527,900	523,400	4,500
Transportation and material moving	319,000	261,300	57,700
Handlers, equipment cleaners, helpers, and laborers	593,200	547,100	46,100
Service	1,524,500	1,112,600	411,900

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 October 1996 and April 1998. The average reference period was May 1997.