



# Los Angeles–Riverside– Orange County, CA National Compensation Survey April 2002

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U.S. Department of Labor  
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# Preface

Data shown in this bulletin were collected as part of the Bureau of Labor Statistics (BLS) National Compensation Survey (NCS). The survey could not have been conducted without the cooperation of the many private firms and government jurisdictions that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the back cover of this bulletin. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning,

2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or call (202) 691-6199, or send e-mail to [ocltinfo@bls.gov](mailto:ocltinfo@bls.gov).

The data contained in this bulletin are also available at <http://www.bls.gov/ncs/ocs/compub.htm>, the BLS Internet site. 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) file containing the entire bulletin.

Results of earlier surveys of this area are also available from BLS regional offices, the Division of Compensation Data Analysis and Planning, or at the BLS Internet site.

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# Introduction

The tables in this bulletin summarize the NCS results for the Los Angeles–Riverside–Orange County, CA, metropolitan area. Data were collected between September 2001 and October 2002; the average reference month is April 2002. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and several appendixes with detailed information on occupational classifications and the occupational leveling methodology.

## NCS products

The Bureau's National Compensation Survey provides data on occupational wages and employee benefits for localities, broad geographic regions, and the Nation as a whole. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, is derived from the NCS. Another product, Employer Costs for Employee Compensation, measures employers' average hourly costs for total compensation, that is, wages and benefits. Still another NCS product measures the incidence of benefit plans and their provisions. This bulletin is limited to data on occupational wages and salaries.

## About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 480 detailed occupations are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households). Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondents or if the data are insufficient to support reliable estimates.

Table 1–1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and establishment characteristics. The worker characteristics include major occupational group, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods and service producing and size of establishment.

Table 2–1 presents estimates of mean hourly earnings, and the relative standard errors associated with them, for detailed occupations within all industries, private industry, and State and local government. Table 2–2 presents the same type of information for full-time workers only. Table 2–3 provides similar data for workers designated as part-time.

Table 3–1 provides mean weekly earnings data, with relative standard errors, and weekly hours for full-time employees in specific occupations across all industries, private industry, and State and local government. Table 3–2 provides annual earnings, relative standard errors, and annual hours for full-time employees in specific occupations.

Table 4–1 provides mean hourly earnings data by work level for occupational groups and for detailed occupations. Separate data are also shown for private industry and government workers. Table 4–2 provides work level data for full-time workers. Table 4–3 provides similar data for workers designated as part-time.

Table 5–1 presents mean hourly earnings data for selected worker characteristics by major occupational groups. The worker characteristics include full-time or part-time designation, union or nonunion status, and time or incentive pay. Table 5–2 presents mean hourly earnings data for major industry divisions by occupational groups; these estimates are limited to the private sector. Table 5–3 presents mean hourly earnings data for establishment employment sizes by major occupational groups within the private sector.

Tables 6–1 through 6–5 present hourly wage percentiles that describe the distribution of hourly earnings for each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, State and local government, full-time workers, and part-time workers. These iterations correspond to those presented in tables 2–1, 2–2, and 2–3. For each published occupation, these percentiles relate to the average hourly earnings of jobs surveyed in establishments. The percentiles do not relate to the hourly earnings of individual workers in these establishment jobs.

Appendix table 1 provides the number of workers represented by the survey by major occupational group. The employment estimates relate to all employers in the area, rather than just to those surveyed.

**Table 1-1. Summary: Mean hourly earnings<sup>1</sup> and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002**

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>
	Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)	
<b>Total</b> .....	\$19.84	2.6	36.1	\$18.22	3.3	36.6	\$25.89	3.2	34.3
<b>Worker characteristics:<sup>4</sup></b>									
White-collar occupations <sup>5</sup> .....	24.15	2.6	35.6	23.26	3.2	36.2	26.55	4.1	34.0
Professional specialty and technical .....	32.20	2.3	35.1	31.36	2.8	37.1	33.70	3.6	32.1
Executive, administrative, and managerial .....	31.99	4.2	39.8	32.64	4.7	40.3	29.92	7.6	38.3
Sales .....	17.51	12.8	29.0	17.55	12.9	29.1	-	-	-
Administrative support .....	14.99	2.0	37.1	14.46	2.7	37.8	16.38	2.7	35.2
Blue-collar occupations <sup>5</sup> .....	14.84	5.3	38.4	14.24	5.8	38.3	23.15	4.9	39.8
Precision production, craft, and repair .....	21.10	6.0	39.3	20.46	7.0	39.3	25.94	5.2	39.6
Machine operators, assemblers, and inspectors .....	11.44	4.3	39.2	11.34	4.3	39.2	-	-	-
Transportation and material moving .....	14.29	13.5	38.5	13.59	15.7	38.3	20.11	7.5	40.0
Handlers, equipment cleaners, helpers, and laborers .....	10.75	4.5	36.6	10.38	4.6	36.4	17.94	5.5	40.0
Service occupations <sup>5</sup> .....	13.64	5.7	34.3	9.74	4.5	34.6	24.77	4.8	33.6
Full time .....	20.57	2.7	39.5	18.97	3.4	39.7	26.55	3.3	38.8
Part time .....	12.47	6.5	19.5	10.76	6.1	20.8	19.09	12.1	15.7
Union .....	23.07	3.6	36.0	18.76	6.9	37.1	26.29	3.7	35.2
Nonunion .....	18.38	3.3	36.2	18.11	3.5	36.5	23.76	5.5	30.5
Time .....	19.77	2.6	36.1	18.04	3.3	36.6	25.89	3.2	34.3
Incentive .....	21.37	15.6	38.0	21.37	15.6	38.0	-	-	-
<b>Establishment characteristics:</b>									
Goods producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-	-	-	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Service producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	-	-	-	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
50-99 workers <sup>7</sup> .....	15.36	6.1	36.2	15.15	6.2	36.2	25.05	3.9	36.9
100-499 workers .....	16.08	6.0	36.9	16.03	6.1	37.3	17.90	12.4	28.1
500 workers or more .....	23.82	3.0	35.6	22.22	4.6	36.3	26.26	3.3	34.6

<sup>1</sup> 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.

<sup>2</sup> 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 appendix A.

<sup>3</sup> Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>4</sup> 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.

<sup>5</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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

<sup>7</sup> Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

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

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$19.84	2.6	\$18.22	3.3	\$25.89	3.2
All excluding sales .....	20.00	2.7	18.28	3.4	25.91	3.2
<b>White collar</b> .....	24.15	2.6	23.26	3.2	26.55	4.1
White collar excluding sales .....	25.02	2.5	24.34	3.0	26.59	4.1
<b>Professional specialty and technical</b> .....	32.20	2.3	31.36	2.8	33.70	3.6
Professional specialty .....	34.52	2.2	33.98	2.7	35.33	3.5
Engineers, architects, and surveyors .....	38.13	3.1	38.59	3.0	30.82	10.0
Aerospace engineers .....	43.71	6.3	43.71	6.3	—	—
Civil engineers .....	37.18	17.8	—	—	29.50	9.6
Electrical and electronic engineers .....	36.90	3.1	36.90	3.1	—	—
Mechanical engineers .....	33.82	7.5	33.34	8.4	—	—
Engineers, n.e.c. ....	38.25	3.4	38.25	3.4	—	—
Mathematical and computer scientists .....	34.51	4.0	35.66	3.6	27.68	8.3
Computer systems analysts and scientists .....	35.73	4.6	37.48	2.8	27.68	8.3
Natural scientists .....	32.09	5.9	32.64	7.6	30.70	4.6
Medical scientists .....	25.78	12.1	—	—	—	—
Health related .....	30.40	3.6	31.17	4.0	25.80	2.8
Physicians .....	39.70	24.7	—	—	—	—
Registered nurses .....	29.56	2.7	30.02	3.1	26.87	1.6
Teachers, college and university .....	44.17	5.2	43.62	11.5	44.47	5.0
Business, commerce, and marketing teachers .....	72.74	22.4	72.74	22.4	—	—
Other post-secondary teachers .....	44.20	4.6	—	—	46.26	4.4
Teachers, except college and university .....	35.81	5.2	17.24	8.0	38.81	3.7
Elementary school teachers .....	38.61	4.7	—	—	38.80	4.7
Secondary school teachers .....	40.85	4.7	29.74	9.3	—	—
Teachers, n.e.c. ....	37.94	8.5	19.77	16.0	—	—
Vocational and educational counselors .....	33.90	20.2	—	—	—	—
Librarians, archivists, and curators .....	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	23.60	11.2	24.66	6.6	23.12	16.4
Social workers .....	24.41	11.7	—	—	23.77	17.5
Recreation workers .....	15.47	22.4	—	—	—	—
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	33.51	10.2	34.30	10.5	—	—
Technical .....	22.79	6.2	23.41	7.4	20.30	5.2
Clinical laboratory technologists and technicians .....	15.29	14.0	—	—	—	—
Radiological technicians .....	22.10	4.0	22.10	4.0	—	—
Licensed practical nurses .....	16.86	2.8	16.78	2.9	—	—
Health technologists and technicians, n.e.c. ....	18.43	5.8	18.27	8.6	—	—
Electrical and electronic technicians .....	27.13	3.5	26.97	3.7	28.72	8.1
Drafters .....	23.58	7.0	—	—	—	—
Science technicians, n.e.c. ....	16.25	7.3	—	—	16.25	7.3
Technical and related, n.e.c. ....	29.22	15.8	30.80	17.6	22.60	3.2
<b>Executive, administrative, and managerial</b> .....	31.99	4.2	32.64	4.7	29.92	7.6
Executives, administrators, and managers .....	35.64	5.8	36.40	6.2	33.24	12.7
Administrators and officials, public administration .....	36.43	18.4	—	—	36.43	18.4
Financial managers .....	36.71	9.5	35.91	10.3	—	—
Personnel and labor relations managers .....	38.41	12.7	34.70	13.2	—	—
Managers, marketing, advertising, and public relations .....	34.09	24.6	34.09	24.6	—	—
Administrators, education and related fields .....	39.28	13.6	25.60	18.4	53.19	5.6
Managers, medicine and health .....	34.51	4.9	34.87	5.0	—	—
Managers, service organizations, n.e.c. ....	27.51	24.7	—	—	—	—
Managers and administrators, n.e.c. ....	38.29	8.8	41.25	7.3	26.76	19.8
Management related .....	26.43	3.0	26.94	3.6	24.77	4.2
Accountants and auditors .....	25.50	5.4	25.48	6.7	—	—
Other financial officers .....	29.08	3.4	29.08	3.4	—	—
Management analysts .....	29.18	3.1	—	—	—	—
Personnel, training, and labor relations specialists .....	19.98	11.7	—	—	—	—
Construction inspectors .....	28.48	5.4	—	—	28.48	5.4
Management related, n.e.c. ....	26.54	6.2	27.15	7.3	23.55	2.1

See footnotes at end of table.

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>White collar –Continued</b>						
<b>Sales</b> .....	\$17.51	12.8	\$17.55	12.9	–	–
Supervisors, sales .....	37.55	42.1	37.55	42.1	–	–
Sales, other business services .....	24.74	37.0	24.74	37.0	–	–
Sales representatives, mining, manufacturing, and wholesale .....	21.50	12.1	21.50	12.1	–	–
Sales workers, apparel .....	8.93	7.5	8.93	7.5	–	–
Sales workers, other commodities .....	14.08	20.8	14.08	20.8	–	–
Cashiers .....	11.33	9.7	11.38	9.9	–	–
<b>Administrative support, including clerical</b> .....	14.99	2.0	14.46	2.7	\$16.38	2.7
Supervisors, general office .....	20.99	6.7	–	–	20.71	2.1
Secretaries .....	17.41	2.9	17.02	3.3	19.33	3.5
Typists .....	15.40	6.0	–	–	–	–
Transportation ticket and reservation agents .....	14.79	4.5	14.79	4.5	–	–
Receptionists .....	12.23	6.5	12.13	6.6	–	–
Order clerks .....	13.34	10.2	12.55	9.5	–	–
Personnel clerks, except payroll and timekeeping .....	16.12	6.3	16.12	6.3	–	–
Library clerks .....	15.28	3.4	–	–	15.50	3.6
Records clerks, n.e.c. ....	15.85	6.2	16.16	5.9	–	–
Bookkeepers, accounting and auditing clerks .....	15.93	3.6	15.70	4.1	17.30	5.0
Payroll and timekeeping clerks .....	16.75	7.1	–	–	–	–
Telephone operators .....	10.59	6.8	9.83	5.1	–	–
Dispatchers .....	19.31	10.1	–	–	21.74	1.5
Traffic, shipping and receiving clerks .....	11.57	4.9	11.57	4.9	–	–
Stock and inventory clerks .....	14.46	11.6	14.50	11.8	–	–
Investigators and adjusters, except insurance .....	19.48	8.0	19.25	8.6	–	–
Eligibility clerks, social welfare .....	15.89	1.6	–	–	–	–
General office clerks .....	13.28	4.0	12.03	5.4	14.94	5.1
Bank tellers .....	9.65	2.4	9.65	2.4	–	–
Data entry keyers .....	12.79	5.1	11.43	4.7	–	–
Teachers' aides .....	13.76	7.8	–	–	13.90	7.9
Administrative support, n.e.c. ....	15.28	6.2	14.59	7.0	18.85	5.4
<b>Blue collar</b> .....	14.84	5.3	14.24	5.8	23.15	4.9
<b>Precision production, craft, and repair</b> .....	21.10	6.0	20.46	7.0	25.94	5.2
Supervisors, mechanics and repairers .....	30.94	9.1	30.99	10.5	–	–
Automobile mechanics .....	24.73	11.9	24.83	12.7	–	–
Industrial machinery repairers .....	19.56	8.6	–	–	–	–
Electronic repairers, communications and industrial equipment .....	25.41	5.3	25.89	5.5	–	–
Mechanics and repairers, n.e.c. ....	19.65	6.8	19.15	6.7	20.80	15.2
Carpenters .....	20.86	5.8	19.74	4.8	–	–
Electricians .....	23.66	6.0	–	–	–	–
Construction trades, n.e.c. ....	20.23	7.8	–	–	18.24	7.0
Drillers, oil well .....	20.30	8.2	20.30	8.2	–	–
Supervisors, production .....	32.63	18.4	32.18	20.6	–	–
Machinists .....	18.57	9.7	18.57	9.7	–	–
Electrical and electronic equipment assemblers ..	10.30	17.7	10.30	17.7	–	–
Inspectors, testers, and graders .....	15.76	8.1	15.76	8.1	–	–
Water and sewer treatment plant operators .....	24.11	3.9	–	–	24.20	4.0
<b>Machine operators, assemblers, and inspectors</b> .....	11.44	4.3	11.34	4.3	–	–
Punching and stamping press operators .....	12.42	13.9	12.42	13.9	–	–
Molding and casting machine operators .....	10.06	11.3	10.06	11.3	–	–
Printing press operators .....	13.61	10.8	13.61	10.8	–	–
Textile sewing machine operators .....	8.84	5.1	8.84	5.1	–	–
Mixing and blending machine operators .....	12.87	24.0	12.87	24.0	–	–
Miscellaneous machine operators, n.e.c. ....	11.55	9.2	11.00	8.2	–	–
Welders and cutters .....	14.96	13.1	14.24	13.0	–	–
Assemblers .....	11.52	6.6	11.52	6.6	–	–
Production inspectors, checkers and examiners ..	11.28	5.0	11.28	5.0	–	–

See footnotes at end of table.

Table 2-1. Mean hourly earnings,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Transportation and material moving</b> .....	\$14.29	13.5	\$13.59	15.7	\$20.11	7.5
Truck drivers .....	13.46	9.9	12.44	10.6	—	—
Industrial truck and tractor equipment operators ..	11.16	11.0	11.16	11.0	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>	10.75	4.5	10.38	4.6	17.94	5.5
Production helpers .....	8.48	5.0	8.48	5.0	—	—
Stock handlers and baggers .....	11.51	12.2	11.51	12.2	—	—
Freight, stock, and material handlers, n.e.c. ....	10.37	9.0	10.37	9.0	—	—
Vehicle washers and equipment cleaners .....	10.50	12.2	10.50	12.2	—	—
Hand packers and packagers .....	8.32	5.1	8.32	5.1	—	—
Laborers, except construction, n.e.c. ....	12.86	9.3	12.19	10.7	—	—
<b>Service</b> .....	13.64	5.7	9.74	4.5	24.77	4.8
Protective service .....	20.95	11.7	8.95	9.7	27.76	4.7
Supervisors, police and detectives .....	38.74	6.3	—	—	38.74	6.3
Firefighting .....	21.62	36.9	—	—	21.62	36.9
Police and detectives, public service .....	29.62	4.2	—	—	29.62	4.2
Sheriffs, bailiffs, and other law enforcement officers .....	23.98	5.0	—	—	23.98	5.0
Correctional institution officers .....	23.16	6.6	—	—	23.16	6.6
Guards and police, except public service .....	9.43	9.9	8.91	9.6	—	—
Food service .....	9.71	7.5	9.52	7.9	13.99	14.5
Waiters, waitresses, and bartenders .....	6.75	2.0	6.75	2.0	—	—
Waiters and waitresses .....	6.65	2.0	6.65	2.0	—	—
Waiters/Waitresses' assistants .....	6.92	3.7	6.92	3.7	—	—
Other food service .....	10.75	8.0	10.54	8.6	13.99	14.5
Supervisors, food preparation and service .....	16.72	8.5	16.56	9.7	—	—
Cooks .....	11.62	5.2	11.62	5.2	—	—
Food counter, fountain, and related .....	7.09	5.4	7.09	5.4	—	—
Kitchen workers, food preparation .....	8.90	5.5	—	—	—	—
Food preparation, n.e.c. ....	8.06	4.9	7.83	5.3	—	—
Health service .....	10.84	5.0	10.54	5.3	13.39	4.8
Health aides, except nursing .....	13.80	5.1	13.43	6.8	—	—
Nursing aides, orderlies and attendants .....	10.16	5.3	10.05	5.6	11.95	5.7
Cleaning and building service .....	9.65	5.2	8.98	4.3	14.24	2.9
Maids and housemen .....	8.97	5.9	8.97	5.9	—	—
Janitors and cleaners .....	9.96	7.8	9.03	6.0	14.20	3.1
Personal service .....	11.54	15.1	11.66	15.9	9.59	8.8
Attendants, amusement, and recreation facilities	7.93	9.3	—	—	—	—
Public transportation attendants .....	31.13	28.0	31.13	28.0	—	—
Child care workers, n.e.c. ....	11.36	19.8	11.62	23.6	—	—
Service, n.e.c. ....	7.50	5.7	7.42	5.7	—	—

<sup>1</sup> 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, 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.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> 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 appendix A.

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 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$20.57	2.7	\$18.97	3.4	\$26.55	3.3
All excluding sales .....	20.57	2.8	18.84	3.5	26.55	3.3
<b>White collar</b> .....	24.97	2.6	24.21	3.2	27.07	4.3
White collar excluding sales .....	25.41	2.5	24.73	3.1	27.07	4.3
<b>Professional specialty and technical</b> .....	32.52	2.3	31.68	2.9	34.07	3.7
Professional specialty .....	34.81	2.3	34.23	2.8	35.70	3.7
Engineers, architects, and surveyors .....	38.13	3.1	38.59	3.0	30.82	10.0
Aerospace engineers .....	43.71	6.3	43.71	6.3	—	—
Civil engineers .....	37.18	17.8	—	—	29.50	9.6
Electrical and electronic engineers .....	36.90	3.1	36.90	3.1	—	—
Mechanical engineers .....	33.82	7.5	33.34	8.4	—	—
Engineers, n.e.c. ....	38.25	3.4	38.25	3.4	—	—
Mathematical and computer scientists .....	34.51	4.0	35.66	3.6	27.68	8.3
Computer systems analysts and scientists .....	35.73	4.6	37.48	2.8	27.68	8.3
Natural scientists .....	32.09	5.9	32.64	7.6	30.70	4.6
Medical scientists .....	25.78	12.1	—	—	—	—
Health related .....	30.45	4.0	31.26	4.5	25.66	3.1
Physicians .....	39.23	25.8	—	—	—	—
Registered nurses .....	29.52	3.0	29.96	3.3	26.86	1.7
Teachers, college and university .....	44.64	5.8	43.77	10.7	45.23	6.3
Business, commerce, and marketing teachers .....	72.74	22.4	72.74	22.4	—	—
Other post-secondary teachers .....	45.07	5.5	—	—	47.73	5.2
Teachers, except college and university .....	36.44	5.5	17.33	8.4	39.69	3.9
Elementary school teachers .....	38.67	4.7	—	—	38.82	4.8
Secondary school teachers .....	40.90	4.7	29.71	9.2	—	—
Teachers, n.e.c. ....	38.07	11.0	21.66	19.8	—	—
Vocational and educational counselors .....	33.92	20.2	—	—	—	—
Librarians, archivists, and curators .....	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	24.10	11.5	25.11	6.8	23.66	16.5
Social workers .....	24.55	12.0	26.35	5.8	23.77	17.5
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.48	12.8	35.63	13.4	—	—
Technical .....	23.27	6.3	23.83	7.6	20.96	4.4
Clinical laboratory technologists and technicians .....	15.34	14.7	—	—	—	—
Licensed practical nurses .....	17.07	2.6	17.01	2.8	—	—
Health technologists and technicians, n.e.c. ....	18.47	6.1	18.32	9.5	—	—
Electrical and electronic technicians .....	27.13	3.5	26.97	3.7	28.72	8.1
Drafters .....	23.58	7.0	—	—	—	—
Technical and related, n.e.c. ....	29.22	15.8	30.80	17.6	22.60	3.2
<b>Executive, administrative, and managerial</b> .....	31.82	4.2	32.53	4.7	29.51	7.6
Executives, administrators, and managers .....	35.41	5.9	36.25	6.2	32.68	13.0
Administrators and officials, public administration .....	36.43	18.4	—	—	36.43	18.4
Financial managers .....	36.71	9.5	35.91	10.3	—	—
Personnel and labor relations managers .....	38.41	12.7	34.70	13.2	—	—
Managers, marketing, advertising, and public relations .....	34.09	24.6	34.09	24.6	—	—
Administrators, education and related fields .....	37.18	14.6	25.60	18.4	—	—
Managers, medicine and health .....	34.51	4.9	34.87	5.0	—	—
Managers and administrators, n.e.c. ....	38.29	8.8	41.25	7.3	26.76	19.8
Management related .....	26.43	3.0	26.94	3.6	24.77	4.2
Accountants and auditors .....	25.50	5.4	25.48	6.7	—	—
Other financial officers .....	29.08	3.4	29.08	3.4	—	—
Management analysts .....	29.18	3.1	—	—	—	—
Personnel, training, and labor relations specialists .....	19.98	11.7	—	—	—	—
Construction inspectors .....	28.48	5.4	—	—	28.48	5.4
Management related, n.e.c. ....	26.54	6.2	27.15	7.3	23.55	2.1
<b>Sales</b> .....	20.67	13.1	20.67	13.1	—	—
Supervisors, sales .....	37.55	42.1	37.55	42.1	—	—
Sales, other business services .....	29.53	28.3	29.53	28.3	—	—

See footnotes at end of table.

Table 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>White collar</b> –Continued						
<b>Sales</b> –Continued						
Sales representatives, mining, manufacturing, and wholesale .....	\$21.50	12.1	\$21.50	12.1	–	–
Sales workers, other commodities .....	16.61	21.1	16.61	21.1	–	–
Cashiers .....	11.02	13.8	11.02	13.8	–	–
<b>Administrative support, including clerical</b> .....						
Supervisors, general office .....	15.27	2.1	14.76	2.8	\$16.72	2.8
Secretaries .....	20.99	6.7	–	–	20.71	2.1
Typists .....	17.62	2.9	17.25	3.3	19.33	3.5
Transportation ticket and reservation agents .....	15.40	6.0	–	–	–	–
Receptionists .....	14.79	4.6	14.79	4.6	–	–
Order clerks .....	12.36	6.7	12.26	6.8	–	–
Personnel clerks, except payroll and timekeeping .....	13.38	11.4	12.46	10.6	–	–
Library clerks .....	16.12	6.3	16.12	6.3	–	–
Records clerks, n.e.c. ....	15.32	3.7	–	–	15.57	4.0
Bookkeepers, accounting and auditing clerks .....	15.78	6.5	16.05	6.6	–	–
Payroll and timekeeping clerks .....	15.99	3.7	15.74	4.2	17.54	4.8
Telephone operators .....	16.75	7.1	–	–	–	–
Dispatchers .....	10.65	7.3	9.82	5.6	–	–
Traffic, shipping and receiving clerks .....	21.31	2.9	–	–	–	–
Stock and inventory clerks .....	11.57	4.9	11.57	4.9	–	–
Investigators and adjusters, except insurance .....	14.71	13.5	14.78	13.8	–	–
Eligibility clerks, social welfare .....	19.48	8.0	19.25	8.6	–	–
General office clerks .....	15.89	1.6	–	–	–	–
Data entry keyers .....	13.56	4.0	12.41	5.6	14.96	5.2
Administrative support, n.e.c. ....	13.06	5.3	11.65	5.6	–	–
	15.32	6.2	14.59	7.0	19.31	4.8
<b>Blue collar</b> .....	15.14	5.4	14.52	6.0	23.22	4.9
<b>Precision production, craft, and repair</b> .....						
Supervisors, mechanics and repairers .....	21.13	6.0	20.48	7.0	26.09	5.1
Automobile mechanics .....	30.94	9.1	30.99	10.5	–	–
Industrial machinery repairers .....	24.84	12.0	24.94	12.7	–	–
Electronic repairers, communications and industrial equipment .....	19.56	8.6	–	–	–	–
Mechanics and repairers, n.e.c. ....	25.41	5.3	25.89	5.5	–	–
Carpenters .....	19.95	6.8	19.15	6.7	–	–
Electricians .....	20.86	5.8	19.74	4.8	–	–
Construction trades, n.e.c. ....	23.66	6.0	–	–	–	–
Drillers, oil well .....	20.23	7.8	–	–	18.24	7.0
Supervisors, production .....	20.30	8.2	20.30	8.2	–	–
Machinists .....	32.63	18.4	32.18	20.6	–	–
Electrical and electronic equipment assemblers ..	18.57	9.7	18.57	9.7	–	–
Inspectors, testers, and graders .....	10.30	17.7	10.30	17.7	–	–
Water and sewer treatment plant operators .....	15.76	8.1	15.76	8.1	–	–
	24.11	3.9	–	–	24.20	4.0
<b>Machine operators, assemblers, and inspectors</b> .....						
Punching and stamping press operators .....	11.49	4.3	11.38	4.3	–	–
Molding and casting machine operators .....	12.42	13.9	12.42	13.9	–	–
Printing press operators .....	11.13	8.5	11.13	8.5	–	–
Textile sewing machine operators .....	13.61	10.8	13.61	10.8	–	–
Mixing and blending machine operators .....	8.84	5.1	8.84	5.1	–	–
Miscellaneous machine operators, n.e.c. ....	12.87	24.0	12.87	24.0	–	–
Welders and cutters .....	11.55	9.2	11.00	8.2	–	–
Assemblers .....	14.96	13.1	14.24	13.0	–	–
Production inspectors, checkers and examiners ..	11.54	6.7	11.54	6.7	–	–
	11.28	5.0	11.28	5.0	–	–
<b>Transportation and material moving</b> .....						
Truck drivers .....	14.58	14.1	13.86	16.4	20.11	7.5
Industrial truck and tractor equipment operators ..	13.57	10.0	12.54	10.7	–	–
	12.11	11.2	12.11	11.2	–	–
<b>Handlers, equipment cleaners, helpers, and laborers</b>						
	10.97	4.8	10.53	5.0	17.94	5.5

See footnotes at end of table.

Table 2-2. Mean hourly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Handlers, equipment cleaners, helpers, and laborers</b>						
—Continued						
Production helpers .....	\$8.48	5.0	\$8.48	5.0	—	—
Stock handlers and baggers .....	11.42	13.8	11.42	13.8	—	—
Freight, stock, and material handlers, n.e.c. ....	10.48	10.4	10.48	10.4	—	—
Hand packers and packagers .....	8.47	5.7	8.47	5.7	—	—
Laborers, except construction, n.e.c. ....	13.90	10.4	13.23	12.3	—	—
<b>Service</b> .....	14.70	6.5	10.19	5.2	\$26.35	4.2
Protective service .....	22.15	12.5	9.07	11.3	29.00	4.0
Supervisors, police and detectives .....	38.74	6.3	—	—	38.74	6.3
Police and detectives, public service .....	29.84	4.3	—	—	29.84	4.3
Sheriffs, bailiffs, and other law enforcement officers .....	24.21	4.7	—	—	24.21	4.7
Correctional institution officers .....	23.16	6.6	—	—	23.16	6.6
Guards and police, except public service .....	9.44	11.6	9.03	11.2	—	—
Food service .....	10.55	8.5	10.34	8.9	—	—
Waiters, waitresses, and bartenders .....	6.70	3.1	6.70	3.1	—	—
Waiters and waitresses .....	6.54	1.3	6.54	1.3	—	—
Waiters'/Waitresses' assistants .....	6.96	5.5	6.96	5.5	—	—
Other food service .....	11.42	8.3	11.19	8.8	—	—
Supervisors, food preparation and service .....	17.06	8.2	16.94	9.5	—	—
Cooks .....	11.62	5.2	11.62	5.2	—	—
Food preparation, n.e.c. ....	8.46	5.1	8.29	5.5	—	—
Health service .....	10.86	5.5	10.56	5.7	13.61	5.0
Health aides, except nursing .....	14.06	6.0	—	—	—	—
Nursing aides, orderlies and attendants .....	10.22	5.7	10.10	5.9	—	—
Cleaning and building service .....	9.75	5.6	9.05	4.6	14.29	2.9
Maids and housemen .....	9.18	6.2	9.18	6.2	—	—
Janitors and cleaners .....	10.02	8.3	9.03	6.3	14.26	3.1
Personal service .....	13.49	19.4	13.48	19.7	—	—

<sup>1</sup> 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, 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.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> 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 appendix A.

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 2-3. Mean hourly earnings,<sup>1</sup> part-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Total		Private industry		State and local government	
	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)	Mean	Relative error <sup>4</sup> (percent)
<b>All</b> .....	\$12.47	6.5	\$10.76	6.1	\$19.09	12.1
All excluding sales .....	13.32	7.2	11.34	7.3	19.25	12.2
<b>White collar</b> .....	15.66	9.0	13.16	10.1	21.71	12.4
White collar excluding sales .....	19.36	8.0	17.28	10.1	21.98	12.5
<b>Professional specialty and technical</b> .....	27.58	7.7	25.69	6.3	29.67	13.1
Professional specialty .....	30.38	7.1	29.17	5.5	31.44	11.8
Health related .....	29.91	2.5	30.45	2.4	—	—
Registered nurses .....	29.86	3.6	30.47	3.6	—	—
Teachers, college and university .....	41.67	6.1	—	—	41.85	5.3
Other post-secondary teachers .....	40.01	8.2	—	—	41.24	7.8
Teachers, except college and university .....	29.62	17.0	15.47	15.5	30.74	16.7
Teachers, n.e.c. ....	37.65	11.9	13.31	15.3	—	—
Social, recreation, and religious workers .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	30.57	13.5	30.57	13.5	—	—
Technical .....	15.41	8.1	16.60	5.3	—	—
<b>Executive, administrative, and managerial</b> .....	49.83	12.8	—	—	—	—
Executives, administrators, and managers .....	49.83	12.8	—	—	—	—
<b>Sales</b> .....	8.93	7.1	8.91	7.2	—	—
Cashiers .....	11.64	9.2	11.75	9.6	—	—
<b>Administrative support, including clerical</b> .....	12.11	5.5	10.65	3.9	14.16	9.2
General office clerks .....	9.58	9.5	8.61	7.4	—	—
Teachers' aides .....	14.16	10.4	—	—	14.16	10.4
<b>Blue collar</b> .....	9.62	6.2	9.62	6.2	—	—
<b>Precision production, craft, and repair</b> .....	—	—	—	—	—	—
<b>Machine operators, assemblers, and inspectors</b> .....	—	—	—	—	—	—
<b>Transportation and material moving</b> .....	—	—	—	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	9.59	6.7	9.59	6.7	—	—
Stock handlers and baggers .....	11.77	11.2	11.77	11.2	—	—
Laborers, except construction, n.e.c. ....	8.49	6.3	8.49	6.3	—	—
<b>Service</b> .....	8.12	3.8	7.76	3.0	10.08	11.5
Protective service .....	9.17	11.5	—	—	10.34	20.7
Food service .....	7.32	3.3	7.11	3.0	—	—
Waiters, waitresses, and bartenders .....	6.81	2.5	6.81	2.5	—	—
Waiters and waitresses .....	6.74	3.1	6.74	3.1	—	—
Other food service .....	7.78	5.8	7.42	5.2	—	—
Food preparation, n.e.c. ....	7.43	5.5	7.05	3.8	—	—
Health service .....	—	—	—	—	—	—
Cleaning and building service .....	8.06	8.5	—	—	—	—
Personal service .....	8.28	6.9	8.20	7.6	8.79	7.6
Child care workers, n.e.c. ....	8.71	6.1	—	—	—	—
Service, n.e.c. ....	7.49	8.0	—	—	—	—

<sup>1</sup> 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, 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.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> 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 appendix A.

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 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>All</b> .....	\$812	2.7	39.5	\$753	3.4	39.7	\$1,029	3.0	38.8
All excluding sales .....	811	2.7	39.5	747	3.5	39.7	1,029	3.0	38.8
<b>White collar</b> .....	984	2.5	39.4	967	3.2	39.9	1,031	3.9	38.1
White collar excluding sales .....	1,001	2.5	39.4	987	3.1	39.9	1,031	3.9	38.1
<b>Professional specialty and technical</b> .....	1,250	2.3	38.4	1,258	3.0	39.7	1,237	3.8	36.3
Professional specialty .....	1,333	2.3	38.3	1,368	3.0	40.0	1,284	3.7	36.0
Engineers, architects, and surveyors .....	1,538	3.1	40.3	1,558	3.0	40.4	1,233	10.0	40.0
Aerospace engineers .....	1,748	6.3	40.0	1,748	6.3	40.0	-	-	-
Civil engineers .....	1,487	17.8	40.0	-	-	-	1,180	9.6	40.0
Electrical and electronic engineers .....	1,513	3.3	41.0	1,513	3.3	41.0	-	-	-
Mechanical engineers .....	1,445	11.1	42.7	1,433	12.5	43.0	-	-	-
Engineers, n.e.c. ....	1,530	3.4	40.0	1,530	3.4	40.0	-	-	-
Mathematical and computer scientists .....	1,389	4.1	40.2	1,437	3.8	40.3	1,107	8.3	40.0
Computer systems analysts and scientists .....	1,440	4.7	40.3	1,513	2.9	40.4	1,107	8.3	40.0
Natural scientists .....	1,284	5.9	40.0	1,305	7.6	40.0	1,228	4.6	40.0
Medical scientists .....	1,031	12.1	40.0	-	-	-	-	-	-
Health related .....	1,193	4.2	39.2	1,222	4.6	39.1	1,020	3.1	39.8
Physicians .....	1,569	25.8	40.0	-	-	-	-	-	-
Registered nurses .....	1,157	3.1	39.2	1,171	3.4	39.1	1,069	1.7	39.8
Teachers, college and university .....	1,639	4.7	36.7	1,611	8.8	36.8	1,658	5.1	36.7
Business, commerce, and marketing teachers .....	2,573	14.1	35.4	2,573	14.1	35.4	-	-	-
Other post-secondary teachers .....	1,613	4.0	35.8	-	-	-	1,689	3.0	35.4
Teachers, except college and university .....	1,267	5.5	34.8	692	8.4	39.9	1,351	4.7	34.0
Elementary school teachers .....	1,304	4.0	33.7	-	-	-	1,307	4.0	33.7
Secondary school teachers .....	1,452	13.2	35.5	1,180	9.1	39.7	-	-	-
Teachers, n.e.c. ....	1,349	9.6	35.4	872	20.0	40.3	-	-	-
Vocational and educational counselors .....	1,190	14.3	35.1	-	-	-	-	-	-
Librarians, archivists, and curators .....	-	-	-	-	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers .....	964	11.5	40.0	1,004	6.8	40.0	947	16.5	40.0
Social workers .....	982	12.0	40.0	1,054	5.8	40.0	951	17.5	40.0
Lawyers and judges .....	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	1,432	13.7	41.5	1,484	14.1	41.6	-	-	-
<b>Technical</b> .....	907	6.3	39.0	928	7.4	38.9	823	5.5	39.3
Clinical laboratory technologists and technicians .....	610	14.7	39.7	-	-	-	-	-	-
Licensed practical nurses .....	675	2.8	39.5	672	3.0	39.5	-	-	-
Health technologists and technicians, n.e.c. ....	739	6.1	40.0	733	9.5	40.0	-	-	-
Electrical and electronic technicians .....	1,063	3.7	39.2	1,054	3.9	39.1	1,149	8.1	40.0
Drafters .....	943	7.0	40.0	-	-	-	-	-	-
Technical and related, n.e.c. ....	1,169	15.8	40.0	1,232	17.6	40.0	904	3.2	40.0
<b>Executive, administrative, and managerial</b> .....	1,283	4.2	40.3	1,315	4.7	40.4	1,182	7.7	40.0

See footnotes at end of table.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar —Continued</b>									
<b>Executive, administrative, and managerial —Continued</b>									
Executives, administrators, and managers .....	\$1,429	5.9	40.4	\$1,466	6.2	40.5	\$1,310	13.1	40.1
Administrators and officials, public administration .....	1,457	18.4	40.0	—	—	—	1,457	18.4	40.0
Financial managers .....	1,465	9.5	39.9	1,433	10.2	39.9	—	—	—
Personnel and labor relations managers .....	1,533	12.7	39.9	1,384	13.2	39.9	—	—	—
Managers, marketing, advertising, and public relations .....	1,364	24.6	40.0	1,364	24.6	40.0	—	—	—
Administrators, education and related fields .....	1,501	15.4	40.4	1,025	18.4	40.0	—	—	—
Managers, medicine and health .....	1,381	4.9	40.0	1,395	5.0	40.0	—	—	—
Managers and administrators, n.e.c. ....	1,542	9.0	40.3	1,664	7.6	40.3	1,070	19.8	40.0
Management related .....	1,065	3.0	40.3	1,088	3.7	40.4	990	4.2	40.0
Accountants and auditors .....	1,017	5.4	39.9	1,015	6.8	39.9	—	—	—
Other financial officers .....	1,201	4.9	41.3	1,201	4.9	41.3	—	—	—
Management analysts .....	1,167	3.1	40.0	—	—	—	—	—	—
Personnel, training, and labor relations specialists .....	798	11.7	39.9	—	—	—	—	—	—
Construction inspectors .....	1,139	5.4	40.0	—	—	—	1,139	5.4	40.0
Management related, n.e.c. ....	1,069	5.9	40.3	1,096	7.0	40.4	939	2.2	39.9
<b>Sales .....</b>	<b>825</b>	<b>13.9</b>	<b>39.9</b>	<b>825</b>	<b>13.9</b>	<b>39.9</b>	<b>—</b>	<b>—</b>	<b>—</b>
Supervisors, sales .....	1,574	48.3	41.9	1,574	48.3	41.9	—	—	—
Sales, other business services .....	1,181	28.3	40.0	1,181	28.3	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	860	12.1	40.0	860	12.1	40.0	—	—	—
Sales workers, other commodities .....	625	22.6	37.6	625	22.6	37.6	—	—	—
Cashiers .....	439	13.7	39.9	439	13.7	39.9	—	—	—
<b>Administrative support, including clerical .....</b>									
Supervisors, general office .....	856	5.8	40.8	—	—	—	829	2.1	40.0
Secretaries .....	702	2.8	39.9	687	3.2	39.8	773	3.5	40.0
Typists .....	615	5.9	39.9	—	—	—	—	—	—
Transportation ticket and reservation agents .....	592	4.6	40.0	592	4.6	40.0	—	—	—
Receptionists .....	494	6.7	40.0	490	6.8	40.0	—	—	—
Order clerks .....	535	11.4	40.0	498	10.6	40.0	—	—	—
Personnel clerks, except payroll and timekeeping .....	645	6.3	40.0	645	6.3	40.0	—	—	—
Library clerks .....	613	3.7	40.0	—	—	—	623	4.0	40.0
Records clerks, n.e.c. ....	631	6.5	40.0	641	6.6	40.0	—	—	—
Bookkeepers, accounting and auditing clerks .....	634	3.7	39.6	623	4.2	39.6	699	4.8	39.9
Payroll and timekeeping clerks .....	670	7.1	40.0	—	—	—	—	—	—
Telephone operators .....	426	7.3	40.0	393	5.5	40.0	—	—	—
Dispatchers .....	842	3.5	39.5	—	—	—	—	—	—
Traffic, shipping and receiving clerks .....	462	5.0	39.9	462	5.0	39.9	—	—	—
Stock and inventory clerks .....	583	13.6	39.6	585	13.8	39.6	—	—	—
Investigators and adjusters, except insurance .....	775	8.2	39.8	766	8.8	39.8	—	—	—
Eligibility clerks, social welfare .....	635	1.6	40.0	—	—	—	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar</b> —Continued									
<b>Administrative support, including clerical</b> —Continued									
General office clerks .....	\$541	4.0	39.9	\$494	5.6	39.8	\$599	5.2	40.0
Data entry keyers .....	523	5.3	40.0	466	5.6	40.0	—	—	—
Administrative support, n.e.c. ....	612	6.2	40.0	583	7.0	40.0	772	4.8	40.0
<b>Blue collar</b> .....	601	5.2	39.7	576	5.8	39.7	928	4.9	40.0
<b>Precision production, craft, and repair</b> .....	833	5.7	39.4	806	6.7	39.3	1,042	5.2	39.9
Supervisors, mechanics and repairers .....	1,239	9.2	40.0	1,241	10.5	40.0	—	—	—
Automobile mechanics .....	993	12.0	40.0	998	12.7	40.0	—	—	—
Industrial machinery repairers .....	782	8.6	40.0	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment .....	990	5.4	39.0	1,005	5.9	38.8	—	—	—
Mechanics and repairers, n.e.c. ....	794	6.9	39.8	766	6.7	40.0	—	—	—
Carpenters .....	816	5.9	39.1	767	4.0	38.9	—	—	—
Electricians .....	946	6.0	40.0	—	—	—	—	—	—
Construction trades, n.e.c. ....	809	7.8	40.0	—	—	—	730	7.0	40.0
Drillers, oil well .....	812	8.2	40.0	812	8.2	40.0	—	—	—
Supervisors, production .....	1,302	18.6	39.9	1,284	20.7	39.9	—	—	—
Machinists .....	743	9.7	40.0	743	9.7	40.0	—	—	—
Electrical and electronic equipment assemblers .....	412	17.7	40.0	412	17.7	40.0	—	—	—
Inspectors, testers, and graders .....	630	8.1	40.0	630	8.1	40.0	—	—	—
Water and sewer treatment plant operators .....	964	3.9	40.0	—	—	—	968	4.0	40.0
<b>Machine operators, assemblers, and inspectors</b> .....	457	4.3	39.8	453	4.3	39.8	—	—	—
Punching and stamping press operators .....	497	13.9	40.0	497	13.9	40.0	—	—	—
Molding and casting machine operators .....	445	8.5	40.0	445	8.5	40.0	—	—	—
Printing press operators .....	543	10.7	39.9	543	10.7	39.9	—	—	—
Textile sewing machine operators .....	354	5.1	40.0	354	5.1	40.0	—	—	—
Mixing and blending machine operators .....	515	24.0	40.0	515	24.0	40.0	—	—	—
Miscellaneous machine operators, n.e.c. ....	449	9.0	38.9	427	8.0	38.8	—	—	—
Welders and cutters .....	598	13.1	40.0	570	13.0	40.0	—	—	—
Assemblers .....	459	6.7	39.8	459	6.7	39.8	—	—	—
Production inspectors, checkers and examiners ...	451	5.0	40.0	451	5.0	40.0	—	—	—
<b>Transportation and material moving</b> .....	583	14.1	40.0	554	16.4	40.0	804	7.5	40.0
Truck drivers .....	543	10.0	40.0	502	10.7	40.0	—	—	—
Industrial truck and tractor equipment operators .....	484	11.2	40.0	484	11.2	40.0	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	438	4.7	39.9	421	5.0	39.9	717	5.5	40.0
Production helpers .....	338	4.9	39.9	338	4.9	39.9	—	—	—
Stock handlers and baggers ...	456	13.9	39.9	456	13.9	39.9	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>	Weekly earnings		Mean weekly hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Blue collar</b> —Continued									
<b>Handlers, equipment cleaners, helpers, and laborers</b> —Continued									
Freight, stock, and material handlers, n.e.c. ....	\$419	10.4	40.0	\$419	10.4	40.0	—	—	—
Hand packers and packagers	339	5.7	40.0	339	5.7	40.0	—	—	—
Laborers, except construction, n.e.c. ....	555	10.4	39.9	528	12.3	39.9	—	—	—
<b>Service</b> .....	577	6.6	39.3	395	4.9	38.7	\$1,073	4.8	40.7
Protective service .....	895	13.0	40.4	359	11.0	39.5	1,186	4.7	40.9
Supervisors, police and detectives .....	1,545	6.4	39.9	—	—	—	1,545	6.4	39.9
Police and detectives, public service .....	1,193	4.3	40.0	—	—	—	1,193	4.3	40.0
Sheriffs, bailiffs, and other law enforcement officers .....	968	4.7	40.0	—	—	—	968	4.7	40.0
Correctional institution officers	915	7.1	39.5	—	—	—	915	7.1	39.5
Guards and police, except public service .....	374	11.4	39.6	357	11.0	39.5	—	—	—
Food service .....	413	9.2	39.1	404	9.5	39.1	—	—	—
Waiters, waitresses, and bartenders .....	243	4.7	36.2	243	4.7	36.2	—	—	—
Waiters and waitresses	229	6.4	35.0	229	6.4	35.0	—	—	—
Waiters'/Waitresses' assistants .....	264	4.0	38.0	264	4.0	38.0	—	—	—
Other food service .....	455	8.8	39.8	446	9.2	39.8	—	—	—
Supervisors, food preparation and service .....	683	8.2	40.0	678	9.5	40.0	—	—	—
Cooks .....	486	8.5	41.8	486	8.5	41.8	—	—	—
Food preparation, n.e.c. ....	335	5.4	39.6	328	5.8	39.6	—	—	—
Health service .....	429	5.4	39.5	417	5.7	39.5	542	5.2	39.8
Health aides, except nursing ..	562	6.0	40.0	—	—	—	—	—	—
Nursing aides, orderlies and attendants .....	403	5.6	39.5	399	5.8	39.4	—	—	—
Cleaning and building service .....	389	5.5	39.8	360	4.6	39.8	572	2.9	40.0
Maids and housemen .....	364	6.2	39.7	364	6.2	39.7	—	—	—
Janitors and cleaners .....	400	8.3	39.9	360	6.3	39.8	570	3.1	40.0
Personal service .....	462	15.4	34.2	460	15.6	34.2	—	—	—

<sup>1</sup> Earnings are the straight-time weekly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to

cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> 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 appendix A.

<sup>5</sup> Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

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 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>All</b> .....	\$41,204	2.7	2,003	\$39,062	3.4	2,060	\$48,242	3.0	1,817
All excluding sales .....	41,114	2.7	1,999	38,792	3.5	2,059	48,242	3.0	1,817
<b>White collar</b> .....	49,080	2.5	1,966	50,117	3.2	2,070	46,701	3.9	1,725
White collar excluding sales .....	49,681	2.5	1,955	51,170	3.1	2,070	46,701	3.9	1,725
<b>Professional specialty and technical</b> .....	59,150	2.3	1,819	64,853	3.0	2,047	51,455	3.8	1,510
Professional specialty .....	61,822	2.3	1,776	70,353	3.0	2,055	52,377	3.7	1,467
Engineers, architects, and surveyors .....	79,992	3.1	2,098	81,012	3.0	2,099	64,104	10.0	2,080
Aerospace engineers .....	90,907	6.3	2,080	90,907	6.3	2,080	—	—	—
Civil engineers .....	77,327	17.8	2,080	—	—	—	61,370	9.6	2,080
Electrical and electronic engineers .....	78,655	3.3	2,131	78,655	3.3	2,131	—	—	—
Mechanical engineers .....	75,117	11.1	2,221	74,519	12.5	2,235	—	—	—
Engineers, n.e.c. ....	79,553	3.4	2,080	79,563	3.4	2,080	—	—	—
Mathematical and computer scientists .....	72,217	4.1	2,093	74,704	3.8	2,095	57,572	8.3	2,080
Computer systems analysts and scientists .....	74,882	4.7	2,096	78,668	2.9	2,099	57,572	8.3	2,080
Natural scientists .....	66,753	5.9	2,080	67,883	7.6	2,080	63,865	4.6	2,080
Medical scientists .....	53,621	12.1	2,080	—	—	—	—	—	—
Health related .....	61,977	4.2	2,035	63,442	4.6	2,030	53,065	3.1	2,068
Physicians .....	79,891	25.8	2,036	—	—	—	—	—	—
Registered nurses .....	60,140	3.1	2,037	60,869	3.4	2,032	55,605	1.7	2,070
Teachers, college and university .....	67,840	4.7	1,520	66,752	8.8	1,525	68,568	5.1	1,516
Business, commerce, and marketing teachers .....	89,576	14.1	1,232	89,576	14.1	1,232	—	—	—
Other post-secondary teachers .....	69,061	4.0	1,532	—	—	—	70,782	3.0	1,483
Teachers, except college and university .....	48,305	5.5	1,326	33,855	8.4	1,954	49,890	4.7	1,257
Elementary school teachers .....	47,918	4.0	1,239	—	—	—	48,010	4.0	1,237
Secondary school teachers .....	53,851	13.2	1,317	46,265	9.1	1,557	—	—	—
Teachers, n.e.c. ....	49,539	9.6	1,301	38,833	20.0	1,793	—	—	—
Vocational and educational counselors .....	48,935	14.3	1,443	—	—	—	—	—	—
Librarians, archivists, and curators .....	—	—	—	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—	—	—	—
Social, recreation, and religious workers .....	50,123	11.5	2,080	52,220	6.8	2,080	49,218	16.5	2,080
Social workers .....	51,054	12.0	2,080	54,812	5.8	2,080	49,441	17.5	2,080
Lawyers and judges .....	—	—	—	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	74,340	13.7	2,156	77,021	14.1	2,162	—	—	—
<b>Technical</b> .....	46,877	6.3	2,015	48,238	7.4	2,024	41,467	5.5	1,978
Clinical laboratory technologists and technicians .....	31,694	14.7	2,067	—	—	—	—	—	—
Licensed practical nurses .....	35,100	2.8	2,056	34,946	3.0	2,055	—	—	—
Health technologists and technicians, n.e.c. ....	38,420	6.1	2,080	38,113	9.5	2,080	—	—	—
Electrical and electronic technicians .....	55,272	3.7	2,037	54,824	3.9	2,033	59,746	8.1	2,080
Drafters .....	49,041	7.0	2,080	—	—	—	—	—	—
Technical and related, n.e.c. ....	60,772	15.8	2,080	64,061	17.6	2,080	46,999	3.2	2,080
<b>Executive, administrative, and managerial</b> .....	65,811	4.2	2,069	68,370	4.7	2,102	58,044	7.7	1,967

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar —Continued</b>									
<b>Executive, administrative, and managerial —Continued</b>									
Executives, administrators, and managers .....	\$72,630	5.9	2,051	\$76,237	6.2	2,103	\$62,049	13.1	1,899
Administrators and officials, public administration .....	75,783	18.4	2,080	—	—	—	75,783	18.4	2,080
Financial managers .....	76,168	9.5	2,075	74,508	10.2	2,075	—	—	—
Personnel and labor relations managers .....	79,708	12.7	2,075	71,954	13.2	2,074	—	—	—
Managers, marketing, advertising, and public relations .....	70,905	24.6	2,080	70,905	24.6	2,080	—	—	—
Administrators, education and related fields .....	70,577	15.4	1,898	53,108	18.4	2,074	—	—	—
Managers, medicine and health .....	71,786	4.9	2,080	72,535	5.0	2,080	—	—	—
Managers and administrators, n.e.c. ....	80,174	9.0	2,094	86,524	7.6	2,097	55,659	19.8	2,080
Management related .....	55,362	3.0	2,095	56,572	3.7	2,100	51,488	4.2	2,078
Accountants and auditors .....	52,909	5.4	2,075	52,805	6.8	2,073	—	—	—
Other financial officers .....	62,447	4.9	2,147	62,447	4.9	2,147	—	—	—
Management analysts .....	60,692	3.1	2,080	—	—	—	—	—	—
Personnel, training, and labor relations specialists .....	41,489	11.7	2,076	—	—	—	—	—	—
Construction inspectors .....	59,236	5.4	2,080	—	—	—	59,236	5.4	2,080
Management related, n.e.c. ....	55,609	5.9	2,095	57,005	7.0	2,099	48,837	2.2	2,074
<b>Sales .....</b>	42,896	13.9	2,075	42,896	13.9	2,075	—	—	—
Supervisors, sales .....	81,858	48.3	2,180	81,858	48.3	2,180	—	—	—
Sales, other business services .....	61,432	28.3	2,080	61,432	28.3	2,080	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	44,710	12.1	2,080	44,710	12.1	2,080	—	—	—
Sales workers, other commodities .....	32,498	22.6	1,957	32,498	22.6	1,957	—	—	—
Cashiers .....	22,839	13.7	2,073	22,839	13.7	2,073	—	—	—
<b>Administrative support, including clerical .....</b>									
Supervisors, general office .....	44,519	5.8	2,121	—	—	—	43,083	2.1	2,080
Secretaries .....	36,172	2.8	2,053	35,722	3.2	2,071	38,164	3.5	1,974
Typists .....	31,965	5.9	2,075	—	—	—	—	—	—
Transportation ticket and reservation agents .....	30,767	4.6	2,080	30,767	4.6	2,080	—	—	—
Receptionists .....	25,701	6.7	2,080	25,492	6.8	2,080	—	—	—
Order clerks .....	27,825	11.4	2,080	25,915	10.6	2,080	—	—	—
Personnel clerks, except payroll and timekeeping .....	33,528	6.3	2,080	33,528	6.3	2,080	—	—	—
Library clerks .....	30,584	3.7	1,997	—	—	—	31,014	4.0	1,992
Records clerks, n.e.c. ....	31,464	6.5	1,994	33,138	6.6	2,065	—	—	—
Bookkeepers, accounting and auditing clerks .....	32,952	3.7	2,061	32,416	4.2	2,059	36,372	4.8	2,074
Payroll and timekeeping clerks .....	34,841	7.1	2,080	—	—	—	—	—	—
Telephone operators .....	22,143	7.3	2,080	20,423	5.5	2,080	—	—	—
Dispatchers .....	43,774	3.5	2,054	—	—	—	—	—	—
Traffic, shipping and receiving clerks .....	24,008	5.0	2,075	24,008	5.0	2,075	—	—	—
Stock and inventory clerks .....	30,294	13.6	2,059	30,416	13.8	2,058	—	—	—
Investigators and adjusters, except insurance .....	40,291	8.2	2,069	39,815	8.8	2,068	—	—	—
Eligibility clerks, social welfare .....	33,045	1.6	2,080	—	—	—	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>White collar</b> —Continued									
<b>Administrative support, including clerical</b> —Continued									
General office clerks .....	\$27,916	4.0	2,059	\$25,674	5.6	2,068	\$30,645	5.2	2,048
Data entry keyers .....	27,174	5.3	2,080	24,227	5.6	2,080	—	—	—
Administrative support, n.e.c. ....	31,701	6.2	2,069	30,320	7.0	2,078	39,073	4.8	2,024
<b>Blue collar</b> .....	31,234	5.2	2,063	29,947	5.8	2,063	48,019	4.9	2,068
<b>Precision production, craft, and repair</b> .....									
Supervisors, mechanics and repairers .....	64,413	9.2	2,082	64,530	10.5	2,082	—	—	—
Automobile mechanics .....	51,661	12.0	2,080	51,884	12.7	2,080	—	—	—
Industrial machinery repairers .....	40,679	8.6	2,080	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment .....	51,471	5.4	2,026	52,272	5.9	2,019	—	—	—
Mechanics and repairers, n.e.c. ....	40,254	6.9	2,018	38,475	6.7	2,009	—	—	—
Carpenters .....	42,454	5.9	2,035	39,907	4.0	2,021	—	—	—
Electricians .....	49,204	6.0	2,080	—	—	—	—	—	—
Construction trades, n.e.c. ....	42,069	7.8	2,080	—	—	—	37,942	7.0	2,080
Drillers, oil well .....	42,229	8.2	2,080	42,229	8.2	2,080	—	—	—
Supervisors, production .....	67,716	18.6	2,075	66,766	20.7	2,075	—	—	—
Machinists .....	38,626	9.7	2,080	38,626	9.7	2,080	—	—	—
Electrical and electronic equipment assemblers .....	21,424	17.7	2,080	21,424	17.7	2,080	—	—	—
Inspectors, testers, and graders .....	32,785	8.1	2,080	32,785	8.1	2,080	—	—	—
Water and sewer treatment plant operators .....	50,146	3.9	2,080	—	—	—	50,332	4.0	2,080
<b>Machine operators, assemblers, and inspectors</b> .....									
Punching and stamping press operators .....	25,843	13.9	2,080	25,843	13.9	2,080	—	—	—
Molding and casting machine operators .....	23,140	8.5	2,080	23,140	8.5	2,080	—	—	—
Printing press operators .....	28,238	10.7	2,075	28,238	10.7	2,075	—	—	—
Textile sewing machine operators .....	18,393	5.1	2,080	18,393	5.1	2,080	—	—	—
Mixing and blending machine operators .....	26,760	24.0	2,080	26,760	24.0	2,080	—	—	—
Miscellaneous machine operators, n.e.c. ....	23,342	9.0	2,021	22,211	8.0	2,020	—	—	—
Welders and cutters .....	31,121	13.1	2,080	29,623	13.0	2,080	—	—	—
Assemblers .....	23,885	6.7	2,070	23,885	6.7	2,070	—	—	—
Production inspectors, checkers and examiners ...	23,460	5.0	2,080	23,460	5.0	2,080	—	—	—
<b>Transportation and material moving</b> .....									
Truck drivers .....	28,166	10.0	2,076	26,034	10.7	2,075	—	—	—
Industrial truck and tractor equipment operators .....	25,183	11.2	2,080	25,183	11.2	2,080	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....									
Production helpers .....	17,594	4.9	2,076	17,594	4.9	2,076	—	—	—
Stock handlers and baggers ...	23,701	13.9	2,076	23,701	13.9	2,076	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>	Annual earnings		Mean annual hours <sup>5</sup>
	Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
<b>Blue collar</b> —Continued									
<b>Handlers, equipment cleaners, helpers, and laborers</b> —Continued									
Freight, stock, and material handlers, n.e.c. ....	\$21,742	10.4	2,075	\$21,742	10.4	2,075	—	—	—
Hand packers and packagers	17,608	5.7	2,080	17,608	5.7	2,080	—	—	—
Laborers, except construction, n.e.c. ....	28,867	10.4	2,076	27,464	12.3	2,076	—	—	—
<b>Service</b> .....	29,885	6.6	2,033	20,511	4.9	2,013	\$54,981	4.8	2,087
Protective service .....	46,242	13.0	2,088	18,659	11.0	2,057	61,028	4.7	2,104
Supervisors, police and detectives .....	80,364	6.4	2,074	—	—	—	80,364	6.4	2,074
Police and detectives, public service .....	62,046	4.3	2,080	—	—	—	62,046	4.3	2,080
Sheriffs, bailiffs, and other law enforcement officers .....	50,355	4.7	2,080	—	—	—	50,355	4.7	2,080
Correctional institution officers	47,559	7.1	2,053	—	—	—	47,559	7.1	2,053
Guards and police, except public service .....	19,089	11.4	2,022	18,567	11.0	2,057	—	—	—
Food service .....	21,266	9.2	2,015	20,958	9.5	2,027	—	—	—
Waiters, waitresses, and bartenders .....	12,621	4.7	1,883	12,621	4.7	1,883	—	—	—
Waiters and waitresses	11,920	6.4	1,822	11,920	6.4	1,822	—	—	—
Waiters'/Waitresses' assistants .....	13,747	4.0	1,974	13,747	4.0	1,974	—	—	—
Other food service .....	23,372	8.8	2,047	23,107	9.2	2,065	—	—	—
Supervisors, food preparation and service .....	34,350	8.2	2,013	35,232	9.5	2,080	—	—	—
Cooks .....	25,275	8.5	2,174	25,275	8.5	2,174	—	—	—
Food preparation, n.e.c. ....	17,247	5.4	2,039	16,893	5.8	2,037	—	—	—
Health service .....	22,331	5.4	2,056	21,689	5.7	2,055	28,184	5.2	2,071
Health aides, except nursing ..	29,236	6.0	2,080	—	—	—	—	—	—
Nursing aides, orderlies and attendants .....	20,962	5.6	2,052	20,724	5.8	2,051	—	—	—
Cleaning and building service .....	20,204	5.5	2,071	18,739	4.6	2,070	29,720	2.9	2,080
Maids and housemen .....	18,952	6.2	2,065	18,952	6.2	2,065	—	—	—
Janitors and cleaners .....	20,785	8.3	2,074	18,718	6.3	2,072	29,661	3.1	2,080
Personal service .....	24,005	15.4	1,780	23,942	15.6	1,776	—	—	—

<sup>1</sup> Earnings are the straight-time annual wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to

cover all workers in the civilian economy. See appendix B for more information.

<sup>4</sup> 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 appendix A.

<sup>5</sup> Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

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 4-1. Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$19.84	2.6	\$18.22	3.3	\$25.89	3.2
All excluding sales .....	20.00	2.7	18.28	3.4	25.91	3.2
<b>White collar</b> .....	24.15	2.6	23.26	3.2	26.55	4.1
1 .....	8.55	3.4	8.53	3.4	—	—
2 .....	9.66	6.9	9.59	7.8	10.20	5.0
3 .....	12.13	3.2	11.71	4.1	13.59	2.7
4 .....	14.22	3.2	13.92	4.0	15.28	4.6
5 .....	16.57	3.1	16.47	3.7	16.97	3.4
6 .....	20.83	12.0	22.19	17.9	18.56	2.9
7 .....	22.17	4.4	22.30	6.1	21.90	4.2
8 .....	28.43	7.3	25.15	4.1	35.51	9.6
9 .....	32.04	2.7	29.92	3.4	34.17	3.7
10 .....	33.15	3.0	31.71	2.2	38.24	8.0
11 .....	37.95	3.3	37.05	3.7	41.28	7.0
12 .....	45.04	2.7	44.15	3.2	49.70	3.8
13 .....	53.62	7.5	56.59	6.3	—	—
14 .....	55.29	4.0	55.20	4.1	—	—
Not able to be leveled .....	30.48	6.1	30.73	6.7	27.88	10.9
White collar excluding sales .....	25.02	2.5	24.34	3.0	26.59	4.1
1 .....	9.17	4.5	9.16	4.6	—	—
2 .....	10.32	6.8	10.34	7.9	10.20	5.0
3 .....	12.37	2.8	11.87	3.7	13.69	2.7
4 .....	14.49	2.3	14.19	2.7	15.28	4.6
5 .....	16.63	3.4	16.53	4.3	16.97	3.4
6 .....	18.36	2.4	18.19	3.8	18.56	2.9
7 .....	21.88	4.3	21.87	6.2	21.90	4.2
8 .....	29.01	7.8	25.18	3.4	35.51	9.6
9 .....	32.26	2.6	30.31	3.2	34.17	3.7
10 .....	33.41	3.1	31.92	2.3	38.24	8.0
11 .....	38.12	3.3	37.25	3.7	41.28	7.0
12 .....	45.00	2.8	44.04	3.4	49.70	3.8
13 .....	53.62	7.5	56.59	6.3	—	—
14 .....	55.29	4.0	55.20	4.1	—	—
Not able to be leveled .....	30.48	6.1	30.73	6.7	27.88	10.9
<b>Professional specialty and technical</b> .....	32.20	2.3	31.36	2.8	33.70	3.6
Professional specialty .....	34.52	2.2	33.98	2.7	35.33	3.5
5 .....	14.83	2.5	13.68	6.5	—	—
6 .....	19.36	9.7	18.02	13.8	—	—
7 .....	25.71	11.9	25.58	15.6	26.11	10.9
8 .....	32.78	8.6	27.12	4.8	39.23	5.9
9 .....	33.85	2.9	30.95	2.5	35.42	3.9
10 .....	33.85	3.6	32.61	2.8	37.13	8.9
11 .....	38.19	3.9	38.19	3.6	38.19	10.4
12 .....	44.29	2.6	43.18	3.0	51.00	4.8
13 .....	56.19	7.7	57.23	7.7	—	—
Not able to be leveled .....	34.57	5.8	34.92	6.5	—	—
Engineers, architects, and surveyors .....	38.13	3.1	38.59	3.0	30.82	10.0
9 .....	31.14	4.1	32.62	2.3	—	—
10 .....	31.95	2.9	32.19	3.0	—	—
11 .....	38.34	3.8	38.32	3.8	—	—
12 .....	43.37	3.5	43.40	3.6	—	—
Aerospace engineers .....	43.71	6.3	43.71	6.3	—	—
Civil engineers .....	37.18	17.8	—	—	29.50	9.6
Electrical and electronic engineers .....	36.90	3.1	36.90	3.1	—	—
Mechanical engineers .....	33.82	7.5	33.34	8.4	—	—
Engineers, n.e.c. .....	38.25	3.4	38.25	3.4	—	—
9 .....	31.50	3.1	31.50	3.1	—	—
10 .....	32.82	4.1	32.82	4.1	—	—
11 .....	38.60	5.4	38.60	5.4	—	—
12 .....	43.18	4.0	43.18	4.0	—	—
Mathematical and computer scientists .....	34.51	4.0	35.66	3.6	27.68	8.3
11 .....	33.32	4.3	—	—	—	—
12 .....	40.38	2.9	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Professional specialty and technical –Continued</b>						
Professional specialty –Continued						
Mathematical and computer scientists –Continued						
Computer systems analysts and scientists .....	\$35.73	4.6	\$37.48	2.8	\$27.68	8.3
11 .....	33.32	4.3	–	–	–	–
12 .....	40.38	2.9	–	–	–	–
Natural scientists .....	32.09	5.9	32.64	7.6	30.70	4.6
9 .....	29.76	1.8	–	–	–	–
Medical scientists .....	25.78	12.1	–	–	–	–
Health related .....	30.40	3.6	31.17	4.0	25.80	2.8
6 .....	23.75	4.0	23.22	3.8	–	–
7 .....	26.52	17.6	–	–	–	–
8 .....	27.32	4.0	27.58	4.3	–	–
9 .....	28.88	2.6	29.53	3.1	26.35	2.5
11 .....	41.24	13.3	43.39	11.9	–	–
Physicians .....	39.70	24.7	–	–	–	–
Registered nurses .....	29.56	2.7	30.02	3.1	26.87	1.6
8 .....	28.06	3.6	28.38	3.9	–	–
9 .....	29.20	2.7	29.74	3.2	26.97	1.8
Teachers, college and university .....	44.17	5.2	43.62	11.5	44.47	5.0
9 .....	37.42	10.3	–	–	–	–
10 .....	46.51	4.7	–	–	45.33	4.2
11 .....	39.10	9.8	–	–	–	–
12 .....	59.53	5.1	69.31	19.9	–	–
Business, commerce, and marketing teachers .....	72.74	22.4	72.74	22.4	–	–
Other post-secondary teachers .....	44.20	4.6	–	–	46.26	4.4
11 .....	37.19	12.1	–	–	–	–
Teachers, except college and university .....	35.81	5.2	17.24	8.0	38.81	3.7
5 .....	12.57	18.8	12.57	18.8	–	–
6 .....	15.88	18.5	–	–	–	–
7 .....	22.34	18.6	–	–	–	–
8 .....	39.64	6.1	–	–	41.57	3.2
9 .....	37.98	4.6	30.18	2.6	38.09	4.7
Elementary school teachers .....	38.61	4.7	–	–	38.80	4.7
9 .....	38.78	5.7	–	–	38.79	5.7
Secondary school teachers .....	40.85	4.7	29.74	9.3	–	–
Teachers, n.e.c. ....	37.94	8.5	19.77	16.0	–	–
Vocational and educational counselors .....	33.90	20.2	–	–	–	–
Librarians, archivists, and curators .....	–	–	–	–	–	–
Social scientists and urban planners .....	–	–	–	–	–	–
Social, recreation, and religious workers .....	23.60	11.2	24.66	6.6	23.12	16.4
Social workers .....	24.41	11.7	–	–	23.77	17.5
Recreation workers .....	15.47	22.4	–	–	–	–
Lawyers and judges .....	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	33.51	10.2	34.30	10.5	–	–
Not able to be leveled .....	32.11	17.9	32.11	17.9	–	–
Technical .....	22.79	6.2	23.41	7.4	20.30	5.2
4 .....	13.95	3.2	13.84	3.8	–	–
5 .....	15.93	5.2	15.92	5.3	–	–
6 .....	19.44	7.5	19.77	7.9	–	–
7 .....	20.99	4.7	21.35	7.0	20.44	4.5
8 .....	24.72	3.0	24.87	3.1	24.06	8.1
9 .....	35.35	20.6	40.44	25.7	–	–
Clinical laboratory technologists and technicians .....	15.29	14.0	–	–	–	–
Radiological technicians .....	22.10	4.0	22.10	4.0	–	–
Licensed practical nurses .....	16.86	2.8	16.78	2.9	–	–
5 .....	16.62	2.5	16.62	2.5	–	–
6 .....	16.90	3.7	–	–	–	–
7 .....	17.14	6.0	–	–	–	–
Health technologists and technicians, n.e.c. ....	18.43	5.8	18.27	8.6	–	–
Electrical and electronic technicians .....	27.13	3.5	26.97	3.7	28.72	8.1

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Professional specialty and technical –Continued</b>						
<b>Technical –Continued</b>						
<b>Electrical and electronic technicians –Continued</b>						
8 .....	\$27.13	5.6	–	–	–	–
Drafters .....	23.58	7.0	–	–	–	–
Science technicians, n.e.c. ....	16.25	7.3	–	–	\$16.25	7.3
Technical and related, n.e.c. ....	29.22	15.8	\$30.80	17.6	22.60	3.2
7 .....	23.88	4.6	–	–	–	–
<b>Executive, administrative, and managerial .....</b>	31.99	4.2	32.64	4.7	29.92	7.6
6 .....	18.22	2.6	–	–	–	–
7 .....	20.85	5.3	20.73	7.4	21.07	7.0
8 .....	23.12	6.3	22.41	8.4	–	–
9 .....	28.93	4.6	29.17	5.7	28.17	6.0
10 .....	33.13	9.4	30.05	3.2	–	–
11 .....	37.14	5.5	35.16	6.4	48.19	3.7
12 .....	46.21	6.2	45.59	8.1	48.34	5.4
13 .....	50.36	12.1	54.56	10.2	–	–
14 .....	54.52	4.1	54.52	4.1	–	–
Not able to be leveled .....	30.95	11.1	32.53	11.1	–	–
<b>Executives, administrators, and managers .....</b>	35.64	5.8	36.40	6.2	33.24	12.7
7 .....	20.95	7.1	21.31	9.7	–	–
8 .....	19.42	11.1	19.32	11.2	–	–
9 .....	31.85	9.9	31.47	11.9	–	–
10 .....	37.59	18.7	29.67	8.2	–	–
11 .....	37.80	6.5	35.44	7.9	48.19	3.7
12 .....	47.40	6.6	47.08	8.7	48.34	5.4
13 .....	50.79	12.4	55.24	10.4	–	–
14 .....	56.71	3.0	56.71	3.0	–	–
Not able to be leveled .....	32.41	15.7	33.67	14.8	–	–
<b>Administrators and officials, public administration</b>	36.43	18.4	–	–	36.43	18.4
12 .....	53.22	.9	–	–	53.22	.9
<b>Financial managers .....</b>	36.71	9.5	35.91	10.3	–	–
11 .....	38.47	15.6	–	–	–	–
<b>Personnel and labor relations managers .....</b>	38.41	12.7	34.70	13.2	–	–
<b>Managers, marketing, advertising, and public relations .....</b>	34.09	24.6	34.09	24.6	–	–
<b>Administrators, education and related fields .....</b>	39.28	13.6	25.60	18.4	53.19	5.6
12 .....	48.02	6.7	–	–	–	–
<b>Managers, medicine and health .....</b>	34.51	4.9	34.87	5.0	–	–
<b>Managers, service organizations, n.e.c. ....</b>	27.51	24.7	–	–	–	–
<b>Managers and administrators, n.e.c. ....</b>	38.29	8.8	41.25	7.3	26.76	19.8
9 .....	34.13	14.1	34.17	17.2	–	–
11 .....	35.60	8.3	35.53	8.6	–	–
12 .....	49.14	10.5	50.64	11.7	–	–
13 .....	52.71	14.3	52.71	14.3	–	–
14 .....	57.89	4.3	57.89	4.3	–	–
<b>Management related .....</b>	26.43	3.0	26.94	3.6	24.77	4.2
6 .....	18.69	3.1	–	–	–	–
7 .....	20.65	7.8	19.81	10.5	23.00	6.7
8 .....	25.25	5.3	25.20	7.8	–	–
9 .....	27.21	3.0	27.61	3.4	26.22	5.7
10 .....	30.00	1.8	30.24	1.7	–	–
11 .....	34.13	4.5	34.13	4.5	–	–
<b>Accountants and auditors .....</b>	25.50	5.4	25.48	6.7	–	–
7 .....	18.64	5.5	–	–	–	–
9 .....	27.88	2.2	–	–	–	–
<b>Other financial officers .....</b>	29.08	3.4	29.08	3.4	–	–
<b>Management analysts .....</b>	29.18	3.1	–	–	–	–
<b>Personnel, training, and labor relations specialists .....</b>	19.98	11.7	–	–	–	–
<b>Construction inspectors .....</b>	28.48	5.4	–	–	28.48	5.4

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Executive, administrative, and managerial –Continued</b>						
<b>Management related –Continued</b>						
Management related, n.e.c. ....	\$26.54	6.2	\$27.15	7.3	\$23.55	2.1
9 .....	27.06	8.6	27.29	9.2	–	–
<b>Sales</b> .....	17.51	12.8	17.55	12.9	–	–
1 .....	7.76	2.6	7.76	2.6	–	–
3 .....	11.16	13.2	11.20	13.5	–	–
4 .....	13.23	13.1	13.23	13.1	–	–
5 .....	16.21	5.8	16.21	5.8	–	–
6 .....	34.75	46.3	34.75	46.3	–	–
8 .....	25.06	14.5	25.06	14.5	–	–
Supervisors, sales .....	37.55	42.1	37.55	42.1	–	–
Sales, other business services .....	24.74	37.0	24.74	37.0	–	–
Sales representatives, mining, manufacturing, and wholesale .....	21.50	12.1	21.50	12.1	–	–
Sales workers, apparel .....	8.93	7.5	8.93	7.5	–	–
Sales workers, other commodities .....	14.08	20.8	14.08	20.8	–	–
Cashiers .....	11.33	9.7	11.38	9.9	–	–
1 .....	7.79	.9	7.79	.9	–	–
3 .....	10.27	7.8	10.39	9.1	–	–
4 .....	12.93	16.3	12.93	16.3	–	–
<b>Administrative support, including clerical</b> .....	14.99	2.0	14.46	2.7	16.38	2.7
1 .....	9.17	4.5	9.16	4.6	–	–
2 .....	10.33	6.8	10.34	7.9	10.26	5.1
3 .....	12.38	2.8	11.85	3.8	13.82	2.7
4 .....	14.53	2.4	14.20	2.8	15.35	4.8
5 .....	16.84	4.0	16.69	5.1	17.39	3.9
6 .....	17.86	2.6	17.50	3.8	18.17	3.7
7 .....	20.31	2.5	19.67	3.7	21.31	2.0
Supervisors, general office .....	20.99	6.7	–	–	20.71	2.1
Secretaries .....	17.41	2.9	17.02	3.3	19.33	3.5
4 .....	14.19	3.1	13.90	2.7	–	–
5 .....	17.20	5.4	17.22	5.7	–	–
6 .....	17.67	5.7	17.43	6.3	–	–
7 .....	19.19	3.7	18.08	5.0	–	–
Typists .....	15.40	6.0	–	–	–	–
Transportation ticket and reservation agents .....	14.79	4.5	14.79	4.5	–	–
Receptionists .....	12.23	6.5	12.13	6.6	–	–
3 .....	12.39	8.7	12.39	8.7	–	–
Order clerks .....	13.34	10.2	12.55	9.5	–	–
4 .....	12.78	10.2	–	–	–	–
Personnel clerks, except payroll and timekeeping .....	16.12	6.3	16.12	6.3	–	–
Library clerks .....	15.28	3.4	–	–	15.50	3.6
Records clerks, n.e.c. ....	15.85	6.2	16.16	5.9	–	–
4 .....	14.63	7.0	–	–	–	–
Bookkeepers, accounting and auditing clerks .....	15.93	3.6	15.70	4.1	17.30	5.0
4 .....	14.79	4.6	14.87	4.9	–	–
5 .....	16.28	4.2	15.91	5.2	17.44	5.1
6 .....	18.03	4.8	17.42	6.1	–	–
Payroll and timekeeping clerks .....	16.75	7.1	–	–	–	–
Telephone operators .....	10.59	6.8	9.83	5.1	–	–
Dispatchers .....	19.31	10.1	–	–	21.74	1.5
Traffic, shipping and receiving clerks .....	11.57	4.9	11.57	4.9	–	–
Stock and inventory clerks .....	14.46	11.6	14.50	11.8	–	–
Investigators and adjusters, except insurance .....	19.48	8.0	19.25	8.6	–	–
Eligibility clerks, social welfare .....	15.89	1.6	–	–	–	–
General office clerks .....	13.28	4.0	12.03	5.4	14.94	5.1
2 .....	9.40	3.9	9.17	4.0	–	–
3 .....	12.65	3.9	11.39	7.3	13.57	3.0
4 .....	14.78	4.6	14.94	5.6	14.64	6.8

See footnotes at end of table.



Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar –Continued</b>						
<b>Administrative support, including clerical –Continued</b>						
General office clerks –Continued						
5 .....	\$15.52	7.3	–	–	\$15.24	4.5
Bank tellers .....	9.65	2.4	\$9.65	2.4	–	–
Data entry keyers .....	12.79	5.1	11.43	4.7	–	–
3 .....	11.19	2.6	11.19	2.6	–	–
Teachers' aides .....	13.76	7.8	–	–	13.90	7.9
3 .....	13.05	3.0	–	–	13.30	2.5
Administrative support, n.e.c. ....	15.28	6.2	14.59	7.0	18.85	5.4
4 .....	15.51	9.2	15.55	9.3	–	–
5 .....	17.04	7.6	–	–	–	–
6 .....	17.34	5.7	–	–	–	–
7 .....	20.39	2.8	–	–	–	–
<b>Blue collar</b> .....	14.84	5.3	14.24	5.8	23.15	4.9
1 .....	8.27	3.8	8.26	3.9	–	–
2 .....	9.55	3.6	9.38	3.4	–	–
3 .....	11.19	5.1	11.06	5.2	18.76	4.8
4 .....	14.00	7.3	13.42	8.4	18.25	5.0
5 .....	16.95	7.2	16.80	7.8	19.39	5.6
6 .....	19.86	6.5	20.00	6.9	18.32	5.5
7 .....	22.97	4.1	21.86	5.0	27.53	4.9
8 .....	26.11	4.1	25.66	4.4	–	–
9 .....	37.56	9.4	37.48	10.5	38.36	2.8
Not able to be leveled .....	12.59	15.1	12.59	15.1	–	–
<b>Precision production, craft, and repair</b> .....						
2 .....	21.10	6.0	20.46	7.0	25.94	5.2
2 .....	8.59	11.2	8.59	11.2	–	–
3 .....	9.90	7.7	9.88	7.6	–	–
4 .....	19.42	15.5	–	–	–	–
5 .....	18.58	9.2	18.51	9.7	20.00	6.7
6 .....	21.44	6.7	21.81	6.8	–	–
7 .....	23.24	3.5	22.13	3.8	27.37	5.6
8 .....	26.66	4.2	26.25	4.6	–	–
9 .....	37.38	10.7	37.26	12.1	38.36	2.8
Supervisors, mechanics and repairers .....	30.94	9.1	30.99	10.5	–	–
Automobile mechanics .....	24.73	11.9	24.83	12.7	–	–
Industrial machinery repairers .....	19.56	8.6	–	–	–	–
Electronic repairers, communications and industrial equipment .....	25.41	5.3	25.89	5.5	–	–
Mechanics and repairers, n.e.c. ....	19.65	6.8	19.15	6.7	20.80	15.2
7 .....	20.70	9.6	19.10	6.0	–	–
Carpenters .....	20.86	5.8	19.74	4.8	–	–
7 .....	21.04	7.2	–	–	–	–
Electricians .....	23.66	6.0	–	–	–	–
7 .....	22.83	6.3	–	–	–	–
Construction trades, n.e.c. ....	20.23	7.8	–	–	18.24	7.0
Drillers, oil well .....	20.30	8.2	20.30	8.2	–	–
Supervisors, production .....	32.63	18.4	32.18	20.6	–	–
Machinists .....	18.57	9.7	18.57	9.7	–	–
Electrical and electronic equipment assemblers ..	10.30	17.7	10.30	17.7	–	–
Inspectors, testers, and graders .....	15.76	8.1	15.76	8.1	–	–
7 .....	19.40	9.2	19.40	9.2	–	–
Water and sewer treatment plant operators .....	24.11	3.9	–	–	24.20	4.0
7 .....	25.17	3.9	–	–	–	–
<b>Machine operators, assemblers, and inspectors</b> .....						
1 .....	11.44	4.3	11.34	4.3	–	–
1 .....	9.10	12.8	9.09	13.3	–	–
2 .....	8.57	2.2	8.57	2.2	–	–
3 .....	10.90	4.9	10.90	4.9	–	–
4 .....	12.46	6.6	12.46	6.6	–	–
5 .....	13.41	7.3	13.41	7.3	–	–

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar —Continued</b>						
<b>Machine operators, assemblers, and inspectors</b>						
—Continued						
6 .....	\$17.95	12.1	\$17.95	12.1	—	—
7 .....	18.87	9.8	17.74	9.7	—	—
Punching and stamping press operators .....	12.42	13.9	12.42	13.9	—	—
Molding and casting machine operators .....	10.06	11.3	10.06	11.3	—	—
Printing press operators .....	13.61	10.8	13.61	10.8	—	—
Textile sewing machine operators .....	8.84	5.1	8.84	5.1	—	—
2 .....	8.35	3.9	8.35	3.9	—	—
Mixing and blending machine operators .....	12.87	24.0	12.87	24.0	—	—
Miscellaneous machine operators, n.e.c. ....	11.55	9.2	11.00	8.2	—	—
3 .....	11.48	12.4	11.48	12.4	—	—
Welders and cutters .....	14.96	13.1	14.24	13.0	—	—
Assemblers .....	11.52	6.6	11.52	6.6	—	—
2 .....	8.37	5.0	8.37	5.0	—	—
3 .....	13.17	9.2	13.17	9.2	—	—
5 .....	12.51	9.1	12.51	9.1	—	—
Production inspectors, checkers and examiners ..	11.28	5.0	11.28	5.0	—	—
<b>Transportation and material moving</b> .....	14.29	13.5	13.59	15.7	\$20.11	7.5
2 .....	10.32	4.7	10.32	4.7	—	—
3 .....	11.05	14.9	11.05	14.9	—	—
4 .....	15.10	7.5	12.99	6.4	—	—
5 .....	15.19	12.4	14.93	14.2	—	—
Truck drivers .....	13.46	9.9	12.44	10.6	—	—
4 .....	17.18	7.1	—	—	—	—
Industrial truck and tractor equipment operators ..	11.16	11.0	11.16	11.0	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>	10.75	4.5	10.38	4.6	17.94	5.5
1 .....	8.17	3.7	8.17	3.7	—	—
2 .....	10.64	5.8	10.29	5.6	—	—
3 .....	12.13	10.3	11.71	11.3	—	—
4 .....	12.01	3.2	11.70	3.4	—	—
5 .....	17.74	11.0	17.29	13.2	—	—
Production helpers .....	8.48	5.0	8.48	5.0	—	—
1 .....	8.06	4.8	8.06	4.8	—	—
Stock handlers and baggers .....	11.51	12.2	11.51	12.2	—	—
1 .....	7.11	.8	7.11	.8	—	—
2 .....	10.99	10.3	10.99	10.3	—	—
3 .....	13.02	17.9	13.02	17.9	—	—
Freight, stock, and material handlers, n.e.c. ....	10.37	9.0	10.37	9.0	—	—
2 .....	10.93	13.0	10.93	13.0	—	—
Vehicle washers and equipment cleaners .....	10.50	12.2	10.50	12.2	—	—
Hand packers and packagers .....	8.32	5.1	8.32	5.1	—	—
1 .....	7.47	2.5	7.47	2.5	—	—
2 .....	7.72	5.1	7.72	5.1	—	—
Laborers, except construction, n.e.c. ....	12.86	9.3	12.19	10.7	—	—
1 .....	8.81	14.4	8.81	14.4	—	—
2 .....	12.85	8.6	12.14	10.3	—	—
<b>Service</b> .....	13.64	5.7	9.74	4.5	24.77	4.8
1 .....	8.15	3.4	7.85	3.0	12.68	7.2
2 .....	9.07	8.3	9.01	8.9	10.09	4.0
3 .....	9.94	3.9	9.66	3.7	12.09	9.8
4 .....	11.94	5.9	11.54	6.5	14.56	3.5
5 .....	13.19	12.1	12.25	16.7	15.06	9.7
6 .....	17.84	6.4	16.40	7.9	—	—
7 .....	28.23	9.0	—	—	26.88	5.5
8 .....	27.57	5.5	—	—	27.94	5.6
9 .....	30.06	7.4	—	—	30.08	7.5
10 .....	34.87	4.3	—	—	35.19	4.5

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service—Continued</b>						
Protective service .....	\$20.95	11.7	\$8.95	9.7	\$27.76	4.7
3 .....	9.64	6.2	—	—	11.79	16.6
7 .....	27.01	5.5	—	—	27.01	5.5
8 .....	27.94	5.6	—	—	27.94	5.6
9 .....	30.06	7.4	—	—	30.08	7.5
10 .....	35.19	4.5	—	—	35.19	4.5
Supervisors, police and detectives .....	38.74	6.3	—	—	38.74	6.3
Firefighting .....	21.62	36.9	—	—	21.62	36.9
Police and detectives, public service .....	29.62	4.2	—	—	29.62	4.2
Sheriffs, bailiffs, and other law enforcement officers .....	23.98	5.0	—	—	23.98	5.0
Correctional institution officers .....	23.16	6.6	—	—	23.16	6.6
Guards and police, except public service .....	9.43	9.9	8.91	9.6	—	—
Food service .....	9.71	7.5	9.52	7.9	13.99	14.5
1 .....	7.35	3.5	7.31	3.6	—	—
2 .....	7.82	5.3	7.52	5.0	—	—
3 .....	10.10	4.3	9.94	4.6	—	—
Waiters, waitresses, and bartenders .....	6.75	2.0	6.75	2.0	—	—
1 .....	6.86	2.5	6.86	2.5	—	—
2 .....	6.65	2.2	6.65	2.2	—	—
Waiters and waitresses .....	6.65	2.0	6.65	2.0	—	—
1 .....	6.80	2.5	6.80	2.5	—	—
Waiters/Waitresses' assistants .....	6.92	3.7	6.92	3.7	—	—
1 .....	6.93	4.3	6.93	4.3	—	—
Other food service .....	10.75	8.0	10.54	8.6	13.99	14.5
1 .....	7.58	4.5	7.53	4.6	—	—
2 .....	9.46	3.9	—	—	—	—
3 .....	10.18	4.3	10.01	4.6	—	—
Supervisors, food preparation and service .....	16.72	8.5	16.56	9.7	—	—
Cooks .....	11.62	5.2	11.62	5.2	—	—
Food counter, fountain, and related .....	7.09	5.4	7.09	5.4	—	—
Kitchen workers, food preparation .....	8.90	5.5	—	—	—	—
Food preparation, n.e.c. ....	8.06	4.9	7.83	5.3	—	—
1 .....	7.74	5.8	7.67	6.0	—	—
Health service .....	10.84	5.0	10.54	5.3	13.39	4.8
2 .....	9.13	3.2	—	—	—	—
3 .....	10.34	9.7	10.30	9.9	—	—
4 .....	10.71	8.8	9.92	8.0	—	—
5 .....	14.80	2.9	—	—	—	—
Health aides, except nursing .....	13.80	5.1	13.43	6.8	—	—
5 .....	14.84	3.5	—	—	—	—
Nursing aides, orderlies and attendants .....	10.16	5.3	10.05	5.6	11.95	5.7
2 .....	9.13	3.2	—	—	—	—
3 .....	10.16	10.7	—	—	—	—
4 .....	10.15	8.3	9.78	8.2	—	—
Cleaning and building service .....	9.65	5.2	8.98	4.3	14.24	2.9
1 .....	9.41	6.4	8.82	5.1	14.04	3.0
2 .....	8.59	5.0	8.59	5.0	—	—
3 .....	10.32	9.0	9.79	9.9	—	—
Maids and housemen .....	8.97	5.9	8.97	5.9	—	—
1 .....	8.33	6.1	8.33	6.1	—	—
Janitors and cleaners .....	9.96	7.8	9.03	6.0	14.20	3.1
1 .....	9.93	10.1	9.10	7.9	14.04	3.0
2 .....	8.39	5.4	8.39	5.4	—	—
3 .....	10.57	9.9	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> all workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service—Continued</b>						
Personal service .....	\$11.54	15.1	\$11.66	15.9	\$9.59	8.8
1 .....	7.38	5.3	7.25	5.1	—	—
3 .....	9.44	4.7	9.34	5.0	—	—
4 .....	12.82	11.4	12.82	11.4	—	—
Attendants, amusement, and recreation facilities	7.93	9.3	—	—	—	—
Public transportation attendants .....	31.13	28.0	31.13	28.0	—	—
Child care workers, n.e.c. ....	11.36	19.8	11.62	23.6	—	—
Service, n.e.c. ....	7.50	5.7	7.42	5.7	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> 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 appendixes C and D for more information.

<sup>3</sup> All workers include full-time and part-time workers.

<sup>4</sup> 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, 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.

<sup>5</sup> 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 appendix A.

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 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$20.57	2.7	\$18.97	3.4	\$26.55	3.3
All excluding sales .....	20.57	2.8	18.84	3.5	26.55	3.3
<b>White collar</b> .....	24.97	2.6	24.21	3.2	27.07	4.3
1 .....	9.24	5.4	9.24	5.4	—	—
2 .....	10.09	8.5	10.03	8.9	—	—
3 .....	12.81	3.3	12.51	4.3	13.89	3.2
4 .....	14.25	3.3	14.07	4.3	14.87	3.2
5 .....	16.61	3.1	16.52	3.8	17.01	3.4
6 .....	20.97	12.9	22.36	18.2	18.31	3.2
7 .....	22.24	4.4	22.42	6.2	21.90	4.2
8 .....	28.52	7.7	24.93	4.3	36.25	9.2
9 .....	31.89	2.8	29.91	3.5	33.96	3.8
10 .....	33.00	3.0	31.71	2.2	38.04	8.8
11 .....	38.04	3.3	37.15	3.7	41.35	7.0
12 .....	44.88	2.8	44.15	3.2	49.05	4.1
13 .....	53.51	7.9	56.81	6.5	—	—
14 .....	55.29	4.0	55.20	4.1	—	—
Not able to be leveled .....	30.60	6.6	30.78	7.3	—	—
White collar excluding sales .....	25.41	2.5	24.73	3.1	27.07	4.3
1 .....	9.60	6.7	9.60	6.7	—	—
2 .....	10.27	8.8	10.21	9.2	—	—
3 .....	12.61	3.0	12.18	3.9	13.89	3.2
4 .....	14.48	2.2	14.33	2.8	14.87	3.2
5 .....	16.67	3.4	16.58	4.4	17.01	3.4
6 .....	18.28	2.6	18.27	3.8	18.31	3.2
7 .....	21.95	4.4	21.98	6.3	21.90	4.2
8 .....	29.15	8.2	24.89	3.6	36.25	9.2
9 .....	32.12	2.7	30.31	3.3	33.96	3.8
10 .....	33.27	3.1	31.92	2.3	38.04	8.8
11 .....	38.22	3.3	37.35	3.7	41.35	7.0
12 .....	44.83	2.9	44.04	3.4	49.05	4.1
13 .....	53.51	7.9	56.81	6.5	—	—
14 .....	55.29	4.0	55.20	4.1	—	—
Not able to be leveled .....	30.60	6.6	30.78	7.3	—	—
<b>Professional specialty and technical</b> .....	32.52	2.3	31.68	2.9	34.07	3.7
Professional specialty .....	34.81	2.3	34.23	2.8	35.70	3.7
6 .....	18.58	11.8	18.05	13.9	—	—
7 .....	25.75	12.0	25.63	15.7	26.11	10.9
8 .....	33.43	8.8	26.74	5.1	40.52	4.0
9 .....	33.76	3.1	31.00	2.6	35.29	4.2
10 .....	33.66	3.7	32.61	2.8	36.76	10.0
11 .....	38.39	3.9	38.43	3.5	38.27	10.5
12 .....	44.12	2.7	43.18	3.0	50.29	5.3
13 .....	56.20	7.8	57.25	7.7	—	—
Not able to be leveled .....	35.26	6.8	35.77	7.7	—	—
Engineers, architects, and surveyors .....	38.13	3.1	38.59	3.0	30.82	10.0
9 .....	31.14	4.1	32.62	2.3	—	—
10 .....	31.95	2.9	32.19	3.0	—	—
11 .....	38.34	3.8	38.32	3.8	—	—
12 .....	43.37	3.5	43.40	3.6	—	—
Aerospace engineers .....	43.71	6.3	43.71	6.3	—	—
Civil engineers .....	37.18	17.8	—	—	29.50	9.6
Electrical and electronic engineers .....	36.90	3.1	36.90	3.1	—	—
Mechanical engineers .....	33.82	7.5	33.34	8.4	—	—
Engineers, n.e.c. ....	38.25	3.4	38.25	3.4	—	—
9 .....	31.50	3.1	31.50	3.1	—	—
10 .....	32.82	4.1	32.82	4.1	—	—
11 .....	38.60	5.4	38.60	5.4	—	—
12 .....	43.18	4.0	43.18	4.0	—	—
Mathematical and computer scientists .....	34.51	4.0	35.66	3.6	27.68	8.3
11 .....	33.32	4.3	—	—	—	—
12 .....	40.38	2.9	—	—	—	—
Computer systems analysts and scientists .....	35.73	4.6	37.48	2.8	27.68	8.3

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Professional specialty and technical</b> —Continued						
Professional specialty —Continued						
Mathematical and computer scientists —Continued						
Computer systems analysts and scientists —Continued						
11 .....	\$33.32	4.3	—	—	—	—
12 .....	40.38	2.9	—	—	—	—
Natural scientists .....	32.09	5.9	\$32.64	7.6	\$30.70	4.6
9 .....	29.76	1.8	—	—	—	—
Medical scientists .....	25.78	12.1	—	—	—	—
Health related .....	30.45	4.0	31.26	4.5	25.66	3.1
6 .....	23.75	4.0	23.22	3.8	—	—
7 .....	26.52	17.6	—	—	—	—
8 .....	26.41	4.7	26.51	5.0	—	—
9 .....	28.82	2.8	29.56	3.3	26.07	2.6
Physicians .....	39.23	25.8	—	—	—	—
Registered nurses .....	29.52	3.0	29.96	3.3	26.86	1.7
8 .....	27.27	4.0	27.39	4.2	—	—
9 .....	29.17	2.9	29.80	3.4	26.71	1.7
Teachers, college and university .....	44.64	5.8	43.77	10.7	45.23	6.3
10 .....	49.01	5.6	—	—	—	—
11 .....	39.77	9.9	—	—	—	—
12 .....	59.58	5.8	69.31	19.9	—	—
Business, commerce, and marketing teachers .....	72.74	22.4	72.74	22.4	—	—
Other post-secondary teachers .....	45.07	5.5	—	—	47.73	5.2
Teachers, except college and university .....	36.44	5.5	17.33	8.4	39.69	3.9
7 .....	22.38	19.0	—	—	—	—
8 .....	40.52	4.8	—	—	—	—
9 .....	38.08	5.0	—	—	38.16	5.0
Elementary school teachers .....	38.67	4.7	—	—	38.82	4.8
9 .....	38.80	5.8	—	—	38.82	5.8
Secondary school teachers .....	40.90	4.7	29.71	9.2	—	—
Teachers, n.e.c. ....	38.07	11.0	21.66	19.8	—	—
Vocational and educational counselors .....	33.92	20.2	—	—	—	—
Librarians, archivists, and curators .....	—	—	—	—	—	—
Social scientists and urban planners .....	—	—	—	—	—	—
Social, recreation, and religious workers .....	24.10	11.5	25.11	6.8	23.66	16.5
Social workers .....	24.55	12.0	26.35	5.8	23.77	17.5
Lawyers and judges .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	34.48	12.8	35.63	13.4	—	—
Technical .....	23.27	6.3	23.83	7.6	20.96	4.4
4 .....	13.98	3.3	13.85	4.1	—	—
5 .....	15.94	5.6	15.94	5.6	—	—
6 .....	19.69	7.5	20.06	7.9	—	—
7 .....	21.30	4.6	21.94	6.9	20.44	4.5
8 .....	24.80	3.0	24.98	3.1	24.06	8.1
9 .....	35.35	20.6	40.44	25.7	—	—
Clinical laboratory technologists and technicians	15.34	14.7	—	—	—	—
Licensed practical nurses .....	17.07	2.6	17.01	2.8	—	—
Health technologists and technicians, n.e.c. ....	18.47	6.1	18.32	9.5	—	—
Electrical and electronic technicians .....	27.13	3.5	26.97	3.7	28.72	8.1
8 .....	27.13	5.6	—	—	—	—
Drafters .....	23.58	7.0	—	—	—	—
Technical and related, n.e.c. ....	29.22	15.8	30.80	17.6	22.60	3.2
7 .....	23.88	4.6	—	—	—	—
<b>Executive, administrative, and managerial</b> .....						
6 .....	31.82	4.2	32.53	4.7	29.51	7.6
7 .....	18.22	2.6	—	—	—	—
8 .....	20.85	5.3	20.73	7.4	21.07	7.0
9 .....	23.12	6.3	22.41	8.4	—	—
9 .....	28.93	4.6	29.17	5.7	28.17	6.0

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Executive, administrative, and managerial</b> —Continued						
10 .....	\$33.13	9.4	\$30.05	3.2	—	—
11 .....	37.14	5.5	35.16	6.4	\$48.19	3.7
12 .....	46.04	6.3	45.59	8.1	47.74	5.5
13 .....	49.79	13.5	54.80	11.1	—	—
14 .....	54.52	4.1	54.52	4.1	—	—
Not able to be leveled .....	31.50	11.0	32.53	11.1	—	—
Executives, administrators, and managers .....	35.41	5.9	36.25	6.2	32.68	13.0
7 .....	20.95	7.1	21.31	9.7	—	—
8 .....	19.42	11.1	19.32	11.2	—	—
9 .....	31.85	9.9	31.47	11.9	—	—
10 .....	37.59	18.7	29.67	8.2	—	—
11 .....	37.80	6.5	35.44	7.9	48.19	3.7
12 .....	47.24	6.7	47.08	8.7	47.74	5.5
13 .....	50.25	13.9	55.55	11.3	—	—
14 .....	56.71	3.0	56.71	3.0	—	—
Not able to be leveled .....	33.67	14.8	33.67	14.8	—	—
Administrators and officials, public administration	36.43	18.4	—	—	36.43	18.4
12 .....	53.22	.9	—	—	53.22	.9
Financial managers .....	36.71	9.5	35.91	10.3	—	—
11 .....	38.47	15.6	—	—	—	—
Personnel and labor relations managers .....	38.41	12.7	34.70	13.2	—	—
Managers, marketing, advertising, and public relations .....	34.09	24.6	34.09	24.6	—	—
Administrators, education and related fields .....	37.18	14.6	25.60	18.4	—	—
Managers, medicine and health .....	34.51	4.9	34.87	5.0	—	—
Managers and administrators, n.e.c. ....	38.29	8.8	41.25	7.3	26.76	19.8
9 .....	34.13	14.1	34.17	17.2	—	—
11 .....	35.60	8.3	35.53	8.6	—	—
12 .....	49.14	10.5	50.64	11.7	—	—
13 .....	52.71	14.3	52.71	14.3	—	—
14 .....	57.89	4.3	57.89	4.3	—	—
Management related .....	26.43	3.0	26.94	3.6	24.77	4.2
6 .....	18.69	3.1	—	—	—	—
7 .....	20.65	7.8	19.81	10.5	23.00	6.7
8 .....	25.25	5.3	25.20	7.8	—	—
9 .....	27.21	3.0	27.61	3.4	26.22	5.7
10 .....	30.00	1.8	30.24	1.7	—	—
11 .....	34.13	4.5	34.13	4.5	—	—
Accountants and auditors .....	25.50	5.4	25.48	6.7	—	—
7 .....	18.64	5.5	—	—	—	—
9 .....	27.88	2.2	—	—	—	—
Other financial officers .....	29.08	3.4	29.08	3.4	—	—
Management analysts .....	29.18	3.1	—	—	—	—
Personnel, training, and labor relations specialists .....	19.98	11.7	—	—	—	—
Construction inspectors .....	28.48	5.4	—	—	28.48	5.4
Management related, n.e.c. ....	26.54	6.2	27.15	7.3	23.55	2.1
9 .....	27.06	8.6	27.29	9.2	—	—
<b>Sales</b> .....	20.67	13.1	20.67	13.1	—	—
3 .....	14.17	14.7	14.17	14.7	—	—
4 .....	13.30	15.4	13.30	15.4	—	—
5 .....	16.27	5.7	16.27	5.7	—	—
6 .....	35.94	47.9	35.94	47.9	—	—
8 .....	25.06	14.5	25.06	14.5	—	—
Supervisors, sales .....	37.55	42.1	37.55	42.1	—	—
Sales, other business services .....	29.53	28.3	29.53	28.3	—	—
Sales representatives, mining, manufacturing, and wholesale .....	21.50	12.1	21.50	12.1	—	—
Sales workers, other commodities .....	16.61	21.1	16.61	21.1	—	—
Cashiers .....	11.02	13.8	11.02	13.8	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Sales</b> —Continued						
Cashiers —Continued						
4 .....	\$11.09	22.0	\$11.09	22.0	—	—
<b>Administrative support, including clerical</b> .....						
1 .....	15.27	2.1	14.76	2.8	\$16.72	2.8
2 .....	9.60	6.7	9.60	6.7	—	—
3 .....	10.27	8.8	10.21	9.2	—	—
4 .....	12.61	3.1	12.16	4.0	13.89	3.2
5 .....	14.50	2.2	14.35	2.9	14.88	3.3
6 .....	16.86	4.0	16.71	5.1	17.39	3.9
7 .....	17.87	2.8	17.54	3.8	18.21	4.2
Supervisors, general office .....	20.31	2.5	19.67	3.7	21.31	2.0
Secretaries .....	20.99	6.7	—	—	20.71	2.1
4 .....	17.62	2.9	17.25	3.3	19.33	3.5
5 .....	14.46	3.3	14.13	2.7	—	—
6 .....	17.42	5.3	17.44	5.6	—	—
7 .....	17.74	5.8	17.50	6.3	—	—
Typists .....	19.19	3.7	18.08	5.0	—	—
Transportation ticket and reservation agents .....	15.40	6.0	—	—	—	—
Receptionists .....	14.79	4.6	14.79	4.6	—	—
3 .....	12.36	6.7	12.26	6.8	—	—
Order clerks .....	12.39	8.7	12.39	8.7	—	—
Personnel clerks, except payroll and timekeeping .....	13.38	11.4	12.46	10.6	—	—
Library clerks .....	16.12	6.3	16.12	6.3	—	—
Records clerks, n.e.c. ....	15.32	3.7	—	—	15.57	4.0
Bookkeepers, accounting and auditing clerks .....	15.78	6.5	16.05	6.6	—	—
4 .....	15.99	3.7	15.74	4.2	17.54	4.8
5 .....	14.85	4.7	14.94	5.0	—	—
6 .....	16.28	4.2	15.91	5.2	17.44	5.1
Payroll and timekeeping clerks .....	18.03	4.8	17.42	6.1	—	—
Telephone operators .....	16.75	7.1	—	—	—	—
Dispatchers .....	10.65	7.3	9.82	5.6	—	—
Traffic, shipping and receiving clerks .....	21.31	2.9	—	—	—	—
Stock and inventory clerks .....	11.57	4.9	11.57	4.9	—	—
Investigators and adjusters, except insurance .....	14.71	13.5	14.78	13.8	—	—
Eligibility clerks, social welfare .....	19.48	8.0	19.25	8.6	—	—
General office clerks .....	15.89	1.6	—	—	—	—
2 .....	13.56	4.0	12.41	5.6	14.96	5.2
3 .....	9.40	4.2	9.17	4.2	—	—
4 .....	12.74	3.9	11.57	7.5	13.55	3.1
5 .....	14.93	4.9	15.41	5.3	14.56	7.0
Data entry keyers .....	15.52	7.3	—	—	15.24	4.5
Administrative support, n.e.c. ....	13.06	5.3	11.65	5.6	—	—
4 .....	15.32	6.2	14.59	7.0	19.31	4.8
5 .....	15.51	9.2	15.55	9.3	—	—
6 .....	17.04	7.6	—	—	—	—
7 .....	17.34	5.7	—	—	—	—
8 .....	20.39	2.8	—	—	—	—
<b>Blue collar</b> .....						
1 .....	15.14	5.4	14.52	6.0	23.22	4.9
2 .....	8.31	4.6	8.30	4.7	—	—
3 .....	9.49	3.6	9.31	3.4	—	—
4 .....	11.13	4.9	11.00	5.0	18.76	4.8
5 .....	14.40	8.0	13.80	9.2	18.25	5.0
6 .....	16.95	7.2	16.80	7.8	19.39	5.6
7 .....	19.86	6.5	20.00	6.9	18.32	5.5
8 .....	23.01	4.1	21.90	5.1	27.53	4.9
9 .....	26.11	4.1	25.66	4.4	—	—
Not able to be leveled .....	37.56	9.4	37.48	10.5	38.36	2.8
<b>Precision production, craft, and repair</b> .....	13.48	16.8	13.48	16.8	—	—
	21.13	6.0	20.48	7.0	26.09	5.1

See footnotes at end of table.



Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Precision production, craft, and repair</b> —Continued						
2 .....	\$8.59	11.2	\$8.59	11.2	—	—
3 .....	9.88	7.7	—	—	—	—
4 .....	19.42	15.5	—	—	—	—
5 .....	18.58	9.2	18.51	9.7	\$20.00	6.7
6 .....	21.44	6.7	21.81	6.8	—	—
7 .....	23.29	3.5	22.18	3.8	27.37	5.6
8 .....	26.66	4.2	26.25	4.6	—	—
9 .....	37.38	10.7	37.26	12.1	38.36	2.8
Supervisors, mechanics and repairers .....	30.94	9.1	30.99	10.5	—	—
Automobile mechanics .....	24.84	12.0	24.94	12.7	—	—
Industrial machinery repairers .....	19.56	8.6	—	—	—	—
Electronic repairers, communications and industrial equipment .....	25.41	5.3	25.89	5.5	—	—
Mechanics and repairers, n.e.c. ....	19.95	6.8	19.15	6.7	—	—
7 .....	20.70	9.6	19.10	6.0	—	—
Carpenters .....	20.86	5.8	19.74	4.8	—	—
7 .....	21.04	7.2	—	—	—	—
Electricians .....	23.66	6.0	—	—	—	—
7 .....	22.83	6.3	—	—	—	—
Construction trades, n.e.c. ....	20.23	7.8	—	—	18.24	7.0
Drillers, oil well .....	20.30	8.2	20.30	8.2	—	—
Supervisors, production .....	32.63	18.4	32.18	20.6	—	—
Machinists .....	18.57	9.7	18.57	9.7	—	—
Electrical and electronic equipment assemblers ..	10.30	17.7	10.30	17.7	—	—
Inspectors, testers, and graders .....	15.76	8.1	15.76	8.1	—	—
7 .....	19.40	9.2	19.40	9.2	—	—
Water and sewer treatment plant operators .....	24.11	3.9	—	—	24.20	4.0
7 .....	25.17	3.9	—	—	—	—
<b>Machine operators, assemblers, and inspectors</b> .....						
1 .....	9.11	12.9	9.10	13.4	—	—
2 .....	8.57	2.2	8.57	2.2	—	—
3 .....	10.90	4.9	10.90	4.9	—	—
4 .....	12.46	6.6	12.46	6.6	—	—
5 .....	13.41	7.3	13.41	7.3	—	—
6 .....	17.95	12.1	17.95	12.1	—	—
7 .....	18.87	9.8	17.74	9.7	—	—
Punching and stamping press operators .....	12.42	13.9	12.42	13.9	—	—
Molding and casting machine operators .....	11.13	8.5	11.13	8.5	—	—
Printing press operators .....	13.61	10.8	13.61	10.8	—	—
Textile sewing machine operators .....	8.84	5.1	8.84	5.1	—	—
2 .....	8.35	3.9	8.35	3.9	—	—
Mixing and blending machine operators .....	12.87	24.0	12.87	24.0	—	—
Miscellaneous machine operators, n.e.c. ....	11.55	9.2	11.00	8.2	—	—
3 .....	11.48	12.4	11.48	12.4	—	—
Welders and cutters .....	14.96	13.1	14.24	13.0	—	—
Assemblers .....	11.54	6.7	11.54	6.7	—	—
2 .....	8.37	5.0	8.37	5.0	—	—
3 .....	13.17	9.2	13.17	9.2	—	—
5 .....	12.51	9.1	12.51	9.1	—	—
Production inspectors, checkers and examiners ..	11.28	5.0	11.28	5.0	—	—
<b>Transportation and material moving</b> .....						
2 .....	14.58	14.1	13.86	16.4	20.11	7.5
3 .....	10.78	3.9	10.78	3.9	—	—
4 .....	11.20	15.3	11.20	15.3	—	—
5 .....	15.80	7.7	13.54	7.7	—	—
Truck drivers .....	15.19	12.4	14.93	14.2	—	—
4 .....	13.57	10.0	12.54	10.7	—	—
Industrial truck and tractor equipment operators ..	17.18	7.1	—	—	—	—
	12.11	11.2	12.11	11.2	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Blue collar</b> —Continued						
<b>Handlers, equipment cleaners, helpers, and laborers</b>	\$10.97	4.8	\$10.53	5.0	\$17.94	5.5
1 .....	8.21	5.0	8.21	5.0	—	—
2 .....	10.53	5.9	10.15	5.7	—	—
3 .....	11.92	9.9	11.43	10.7	—	—
5 .....	17.74	11.0	17.29	13.2	—	—
Production helpers .....	8.48	5.0	8.48	5.0	—	—
1 .....	8.06	4.8	8.06	4.8	—	—
Stock handlers and baggers .....	11.42	13.8	11.42	13.8	—	—
3 .....	12.62	19.2	12.62	19.2	—	—
Freight, stock, and material handlers, n.e.c. ....	10.48	10.4	10.48	10.4	—	—
2 .....	10.87	12.8	10.87	12.8	—	—
Hand packers and packagers .....	8.47	5.7	8.47	5.7	—	—
Laborers, except construction, n.e.c. ....	13.90	10.4	13.23	12.3	—	—
2 .....	12.87	8.7	12.16	10.3	—	—
<b>Service</b> .....	14.70	6.5	10.19	5.2	26.35	4.2
1 .....	8.42	4.4	8.07	3.8	14.12	2.9
2 .....	10.12	10.6	10.13	11.1	—	—
3 .....	9.99	4.5	9.74	4.3	13.66	5.8
4 .....	11.96	4.8	11.53	4.8	14.56	3.5
5 .....	13.53	12.9	12.23	17.2	16.64	3.4
6 .....	17.84	6.4	16.40	7.9	—	—
7 .....	28.23	9.0	—	—	26.93	5.5
8 .....	27.57	5.5	—	—	27.94	5.6
9 .....	30.06	7.4	—	—	30.08	7.5
10 .....	34.87	4.3	—	—	35.19	4.5
Protective service .....	22.15	12.5	9.07	11.3	29.00	4.0
7 .....	27.05	5.5	—	—	27.05	5.5
8 .....	27.94	5.6	—	—	27.94	5.6
9 .....	30.06	7.4	—	—	30.08	7.5
10 .....	35.19	4.5	—	—	35.19	4.5
Supervisors, police and detectives .....	38.74	6.3	—	—	38.74	6.3
Police and detectives, public service .....	29.84	4.3	—	—	29.84	4.3
Sheriffs, bailiffs, and other law enforcement officers .....	24.21	4.7	—	—	24.21	4.7
Correctional institution officers .....	23.16	6.6	—	—	23.16	6.6
Guards and police, except public service .....	9.44	11.6	9.03	11.2	—	—
Food service .....	10.55	8.5	10.34	8.9	—	—
1 .....	7.51	4.5	7.51	4.5	—	—
3 .....	10.50	4.6	10.31	4.9	—	—
Waiters, waitresses, and bartenders .....	6.70	3.1	6.70	3.1	—	—
1 .....	6.83	3.4	6.83	3.4	—	—
Waiters and waitresses .....	6.54	1.3	6.54	1.3	—	—
Waiters'/Waitresses' assistants .....	6.96	5.5	6.96	5.5	—	—
1 .....	7.15	6.0	7.15	6.0	—	—
Other food service .....	11.42	8.3	11.19	8.8	—	—
1 .....	7.80	5.2	7.80	5.2	—	—
3 .....	10.54	4.6	10.36	4.9	—	—
Supervisors, food preparation and service .....	17.06	8.2	16.94	9.5	—	—
Cooks .....	11.62	5.2	11.62	5.2	—	—
Food preparation, n.e.c. ....	8.46	5.1	8.29	5.5	—	—
1 .....	8.17	6.1	8.17	6.1	—	—
Health service .....	10.86	5.5	10.56	5.7	13.61	5.0
2 .....	9.19	3.7	—	—	—	—
3 .....	10.34	9.9	10.30	9.9	—	—
4 .....	10.64	9.2	9.78	8.2	—	—
5 .....	15.09	2.9	—	—	—	—
Health aides, except nursing .....	14.06	6.0	—	—	—	—
Nursing aides, orderlies and attendants .....	10.22	5.7	10.10	5.9	—	—
2 .....	9.19	3.7	—	—	—	—
3 .....	10.15	10.9	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> full-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Service —Continued</b>						
Health service —Continued						
Nursing aides, orderlies and attendants —Continued						
4 .....	\$10.15	8.3	\$9.78	8.2	—	—
Cleaning and building service .....	9.75	5.6	9.05	4.6	\$14.29	2.9
1 .....	9.51	6.7	8.91	5.4	14.12	2.9
2 .....	8.59	5.0	8.59	5.0	—	—
3 .....	10.79	10.8	—	—	—	—
Maids and housemen .....	9.18	6.2	9.18	6.2	—	—
1 .....	8.53	6.4	8.53	6.4	—	—
Janitors and cleaners .....	10.02	8.3	9.03	6.3	14.26	3.1
1 .....	9.93	10.1	9.10	7.9	14.12	2.9
2 .....	8.39	5.4	8.39	5.4	—	—
Personal service .....	13.49	19.4	13.48	19.7	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> 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 appendixes C and D for more information.

<sup>3</sup> 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.

<sup>4</sup> 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, 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.

<sup>5</sup> 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 appendix A.

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 4-3. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> part-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All</b> .....	\$12.47	6.5	\$10.76	6.1	\$19.09	12.1
All excluding sales .....	13.32	7.2	11.34	7.3	19.25	12.2
<b>White collar</b> .....	15.66	9.0	13.16	10.1	21.71	12.4
1 .....	7.61	3.1	7.53	3.1	—	—
2 .....	9.03	8.8	—	—	9.86	5.2
3 .....	9.71	5.6	8.78	4.8	12.63	5.0
4 .....	13.96	9.6	12.67	8.3	19.00	18.1
5 .....	14.02	8.4	14.10	9.1	—	—
6 .....	19.02	6.2	—	—	—	—
7 .....	17.74	9.5	17.74	9.5	—	—
8 .....	26.95	8.7	28.83	8.1	—	—
9 .....	34.87	10.3	30.21	5.8	36.77	11.7
Not able to be leveled .....	29.37	14.5	30.30	13.6	—	—
White collar excluding sales .....	19.36	8.0	17.28	10.1	21.98	12.5
2 .....	10.46	5.5	11.10	8.3	9.86	5.2
3 .....	11.00	4.8	9.71	2.3	12.97	4.6
4 .....	14.62	11.3	12.45	5.6	19.00	18.1
5 .....	14.37	8.3	14.50	9.0	—	—
6 .....	19.26	7.0	—	—	—	—
7 .....	17.74	9.5	17.74	9.5	—	—
8 .....	26.95	8.7	28.83	8.1	—	—
9 .....	34.87	10.3	30.21	5.8	36.77	11.7
Not able to be leveled .....	29.37	14.5	30.30	13.6	—	—
<b>Professional specialty and technical</b> .....	27.58	7.7	25.69	6.3	29.67	13.1
Professional specialty .....	30.38	7.1	29.17	5.5	31.44	11.8
5 .....	10.68	2.4	—	—	—	—
8 .....	27.31	8.9	29.58	7.5	—	—
9 .....	34.87	10.3	30.21	5.8	36.77	11.7
Not able to be leveled .....	30.30	13.6	30.30	13.6	—	—
Health related .....	29.91	2.5	30.45	2.4	—	—
8 .....	30.18	4.8	—	—	—	—
9 .....	29.43	4.2	—	—	—	—
Registered nurses .....	29.86	3.6	30.47	3.6	—	—
8 .....	30.18	4.8	—	—	—	—
9 .....	29.43	4.2	—	—	—	—
Teachers, college and university .....	41.67	6.1	—	—	41.85	5.3
9 .....	39.48	11.9	—	—	—	—
Other post-secondary teachers .....	40.01	8.2	—	—	41.24	7.8
Teachers, except college and university .....	29.62	17.0	15.47	15.5	30.74	16.7
9 .....	37.04	13.8	—	—	—	—
Teachers, n.e.c. ....	37.65	11.9	13.31	15.3	—	—
Social, recreation, and religious workers .....	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	30.57	13.5	30.57	13.5	—	—
Not able to be leveled .....	30.57	13.5	30.57	13.5	—	—
Technical .....	15.41	8.1	16.60	5.3	—	—
<b>Executive, administrative, and managerial</b> .....	49.83	12.8	—	—	—	—
Executives, administrators, and managers .....	49.83	12.8	—	—	—	—
<b>Sales</b> .....	8.93	7.1	8.91	7.2	—	—
1 .....	7.57	2.5	7.57	2.5	—	—
3 .....	8.14	6.6	8.05	6.8	—	—
4 .....	12.90	16.0	12.90	16.0	—	—
Cashiers .....	11.64	9.2	11.75	9.6	—	—
3 .....	10.21	12.4	—	—	—	—
4 .....	16.20	7.6	16.20	7.6	—	—
<b>Administrative support, including clerical</b> .....	12.11	5.5	10.65	3.9	14.16	9.2
2 .....	10.50	5.6	11.10	8.3	9.93	5.3
3 .....	11.04	5.1	9.71	2.3	13.50	3.0
4 .....	14.81	12.0	12.34	5.9	19.93	18.4
General office clerks .....	9.58	9.5	8.61	7.4	—	—

See footnotes at end of table.

Table 4-3. **Selected occupations<sup>1</sup> and levels,<sup>2</sup> part-time workers:<sup>3</sup> Mean hourly earnings,<sup>4</sup> private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>White collar</b> —Continued						
<b>Administrative support, including clerical</b> —Continued						
Teachers' aides .....	\$14.16	10.4	—	—	\$14.16	10.4
3 .....	13.46	3.4	—	—	13.46	3.4
<b>Blue collar</b> .....	9.62	6.2	\$9.62	6.2	—	—
1 .....	8.07	3.1	8.07	3.1	—	—
2 .....	11.00	15.4	11.00	15.4	—	—
3 .....	12.94	14.1	12.94	14.1	—	—
4 .....	10.82	5.3	10.82	5.3	—	—
<b>Precision production, craft, and repair</b> .....	—	—	—	—	—	—
<b>Machine operators, assemblers, and inspectors</b> .....	—	—	—	—	—	—
<b>Transportation and material moving</b> .....	—	—	—	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>	9.59	6.7	9.59	6.7	—	—
1 .....	8.07	3.2	8.07	3.2	—	—
2 .....	12.37	15.7	12.37	15.7	—	—
4 .....	10.59	5.0	10.59	5.0	—	—
Stock handlers and baggers .....	11.77	11.2	11.77	11.2	—	—
Laborers, except construction, n.e.c. ....	8.49	6.3	8.49	6.3	—	—
<b>Service</b> .....	8.12	3.8	7.76	3.0	10.08	11.5
1 .....	7.25	3.6	7.10	3.6	8.97	9.5
2 .....	7.68	4.7	7.48	4.5	—	—
3 .....	9.73	7.8	9.12	4.8	10.84	17.0
Protective service .....	9.17	11.5	—	—	10.34	20.7
Food service .....	7.32	3.3	7.11	3.0	—	—
1 .....	6.97	2.9	6.80	1.7	—	—
2 .....	7.56	6.3	7.21	5.7	—	—
Waiters, waitresses, and bartenders .....	6.81	2.5	6.81	2.5	—	—
1 .....	6.91	3.3	6.91	3.3	—	—
2 .....	6.65	2.2	6.65	2.2	—	—
Waiters and waitresses .....	6.74	3.1	6.74	3.1	—	—
Other food service .....	7.78	5.8	7.42	5.2	—	—
1 .....	7.00	4.4	6.74	1.5	—	—
Food preparation, n.e.c. ....	7.43	5.5	7.05	3.8	—	—
1 .....	7.00	4.6	—	—	—	—
Health service .....	—	—	—	—	—	—
Cleaning and building service .....	8.06	8.5	—	—	—	—
Personal service .....	8.28	6.9	8.20	7.6	8.79	7.6
1 .....	7.10	5.1	—	—	—	—
3 .....	9.65	6.0	—	—	—	—
Child care workers, n.e.c. ....	8.71	6.1	—	—	—	—
Service, n.e.c. ....	7.49	8.0	—	—	—	—

<sup>1</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>2</sup> 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 appendixes C and D for more information.

<sup>3</sup> 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.

<sup>4</sup> 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, 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.

<sup>5</sup> 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 appendix A.

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 5-1. **Selected worker characteristics: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002**

Occupational group	Private industry and State and local government					
	Full-time workers <sup>3</sup>	Part-time workers <sup>3</sup>	Union <sup>4</sup>	Nonunion <sup>4</sup>	Time <sup>5</sup>	Incentive <sup>5</sup>
	Mean					
<b>All occupations</b> .....	\$20.57	\$12.47	\$23.07	\$18.38	\$19.77	\$21.37
All excluding sales .....	20.57	13.32	23.26	18.43	20.12	14.90
<b>White collar</b> .....	24.97	15.66	25.33	23.64	24.02	26.91
White-collar excluding sales .....	25.41	19.36	25.77	24.66	25.06	–
Professional specialty and technical .....	32.52	27.58	33.91	31.11	32.22	–
Professional specialty .....	34.81	30.38	35.85	33.55	34.52	–
Technical .....	23.27	15.41	21.40	23.29	22.69	–
Executive, administrative, and managerial .....	31.82	49.83	26.19	33.20	31.78	–
Sales .....	20.67	8.93	14.22	17.88	12.64	28.08
Administrative support, including clerical .....	15.27	12.11	16.63	14.15	15.06	–
<b>Blue collar</b> .....	15.14	9.62	21.00	12.33	14.93	13.50
Precision production, craft, and repair .....	21.13	–	26.48	17.60	21.07	22.06
Machine operators, assemblers, and inspectors .....	11.49	–	13.88	10.89	11.63	10.32
Transportation and material moving .....	14.58	–	19.59	10.11	14.15	–
Handlers, equipment cleaners, helpers, and laborers .....	10.97	9.59	15.68	9.51	10.75	–
<b>Service</b> .....	14.70	8.12	19.60	10.05	13.65	–
	Relative error <sup>6</sup> (percent)					
<b>All occupations</b> .....	2.7	6.5	3.6	3.3	2.6	15.6
All excluding sales .....	2.8	7.2	3.6	3.4	2.7	15.1
<b>White collar</b> .....	2.6	9.0	4.2	3.3	2.5	16.9
White-collar excluding sales .....	2.5	8.0	4.2	3.1	2.5	–
Professional specialty and technical .....	2.3	7.7	3.4	2.9	2.3	–
Professional specialty .....	2.3	7.1	3.3	2.9	2.2	–
Technical .....	6.3	8.1	8.6	7.7	6.4	–
Executive, administrative, and managerial .....	4.2	12.8	8.6	4.3	4.2	–
Sales .....	13.1	7.1	11.4	13.9	7.8	18.9
Administrative support, including clerical .....	2.1	5.5	3.1	2.5	2.0	–
<b>Blue collar</b> .....	5.4	6.2	6.9	3.7	5.5	13.0
Precision production, craft, and repair .....	6.0	–	3.5	6.4	6.2	19.1
Machine operators, assemblers, and inspectors .....	4.3	–	11.4	4.2	4.7	9.7
Transportation and material moving .....	14.1	–	14.1	9.3	14.5	–
Handlers, equipment cleaners, helpers, and laborers .....	4.8	6.7	6.5	3.8	4.5	–
<b>Service</b> .....	6.5	3.8	9.7	5.8	5.7	–

<sup>1</sup> 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, 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.

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> 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.

<sup>4</sup> Union workers are those whose wages are determined through collective bargaining.

<sup>5</sup> Time workers' wages are based solely on an 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.

<sup>6</sup> 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 appendix A.

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

Table 5-2. Major industry division: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupational group	Full-time and part-time workers									
	All private industries	Goods-producing industries <sup>3</sup>				Service-producing industries <sup>4</sup>				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
	Mean									
<b>All occupations</b> .....	\$18.22	-	\$23.58	-	-	-	-	-	-	-
All excluding sales .....	18.28	-	23.58	-	-	-	-	-	-	-
<b>White collar</b> .....	23.26	-	38.47	-	-	-	-	-	-	-
White-collar excluding sales .....	24.34	-	38.47	-	-	-	-	-	-	-
Professional specialty and technical .....	31.36	-	-	-	-	-	-	-	-	-
Professional specialty .....	33.98	-	-	-	-	-	-	-	-	-
Technical .....	23.41	-	-	-	-	-	-	-	-	-
Executive, administrative, and managerial .....	32.64	-	-	-	-	-	-	-	-	-
Sales .....	17.55	-	-	-	-	-	-	-	-	-
Administrative support, including clerical .....	14.46	-	-	-	-	-	-	-	-	-
<b>Blue collar</b> .....	14.24	-	17.62	-	-	-	-	-	-	-
Precision production, craft, and repair .....	20.46	-	20.26	-	-	-	-	-	-	-
Machine operators, assemblers, and inspectors ....	11.34	-	-	-	-	-	-	-	-	-
Transportation and material moving .....	13.59	-	-	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers .....	10.38	-	-	-	-	-	-	-	-	-
<b>Service</b> .....	9.74	-	-	-	-	-	-	-	-	-
	Relative error <sup>5</sup> (percent)									
<b>All occupations</b> .....	3.3	-	10.8	-	-	-	-	-	-	-
All excluding sales .....	3.4	-	10.8	-	-	-	-	-	-	-
<b>White collar</b> .....	3.2	-	10.0	-	-	-	-	-	-	-
White-collar excluding sales .....	3.0	-	10.0	-	-	-	-	-	-	-
Professional specialty and technical .....	2.8	-	-	-	-	-	-	-	-	-
Professional specialty .....	2.7	-	-	-	-	-	-	-	-	-
Technical .....	7.4	-	-	-	-	-	-	-	-	-
Executive, administrative, and managerial .....	4.7	-	-	-	-	-	-	-	-	-
Sales .....	12.9	-	-	-	-	-	-	-	-	-
Administrative support, including clerical .....	2.7	-	-	-	-	-	-	-	-	-
<b>Blue collar</b> .....	5.8	-	3.5	-	-	-	-	-	-	-
Precision production, craft, and repair .....	7.0	-	8.7	-	-	-	-	-	-	-
Machine operators, assemblers, and inspectors ....	4.3	-	-	-	-	-	-	-	-	-
Transportation and material moving .....	15.7	-	-	-	-	-	-	-	-	-
Handlers, equipment cleaners, helpers, and laborers .....	4.6	-	-	-	-	-	-	-	-	-
<b>Service</b> .....	4.5	-	-	-	-	-	-	-	-	-

<sup>1</sup> 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, 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.

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> Goods-producing industries include mining, construction, and manufacturing.

<sup>4</sup> Service-producing industries include transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>5</sup> 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 appendix A.

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

Table 5-3. Establishment employment size: Mean hourly earnings<sup>1</sup> by occupational group,<sup>2</sup> private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers <sup>3</sup>	100 workers or more		
			Total	100 - 499 workers	500 workers or more
	Mean				
<b>All occupations</b> .....	\$18.22	\$15.15	\$19.10	\$16.03	\$22.22
All excluding sales .....	18.28	15.13	19.16	15.35	22.79
<b>White collar</b> .....	23.26	19.87	24.04	21.41	25.91
White-collar excluding sales .....	24.34	21.35	24.94	21.27	27.12
Professional specialty and technical .....	31.36	27.57	31.80	27.53	33.04
Professional specialty .....	33.98	30.31	34.35	27.25	35.93
Technical .....	23.41	21.75	23.66	27.97	21.16
Executive, administrative, and managerial .....	32.64	33.53	32.45	30.63	33.84
Sales .....	17.55	15.31	18.45	21.88	10.87
Administrative support, including clerical .....	14.46	14.20	14.53	14.29	14.76
<b>Blue collar</b> .....	14.24	12.74	14.84	12.44	19.38
Precision production, craft, and repair .....	20.46	16.26	22.68	19.73	25.78
Machine operators, assemblers, and inspectors .....	11.34	11.52	11.26	10.81	12.35
Transportation and material moving .....	13.59	9.74	14.81	11.41	23.13
Handlers, equipment cleaners, helpers, and laborers .....	10.38	9.46	10.64	9.27	14.12
<b>Service</b> .....	9.74	8.22	10.16	9.71	10.64
	Relative error <sup>4</sup> (percent)				
<b>All occupations</b> .....	3.3	6.2	3.7	6.1	4.6
All excluding sales .....	3.4	6.6	3.8	6.3	4.5
<b>White collar</b> .....	3.2	7.5	3.5	7.5	3.6
White-collar excluding sales .....	3.0	8.2	3.3	8.1	3.1
Professional specialty and technical .....	2.8	6.4	3.0	9.2	2.9
Professional specialty .....	2.7	4.6	2.9	11.5	2.5
Technical .....	7.4	8.1	8.3	14.8	6.4
Executive, administrative, and managerial .....	4.7	14.3	4.8	10.4	4.3
Sales .....	12.9	11.7	16.7	18.0	13.9
Administrative support, including clerical .....	2.7	5.1	3.1	5.8	2.6
<b>Blue collar</b> .....	5.8	6.3	7.3	6.3	11.4
Precision production, craft, and repair .....	7.0	10.7	6.2	7.5	5.8
Machine operators, assemblers, and inspectors .....	4.3	9.0	4.8	4.9	11.7
Transportation and material moving .....	15.7	14.8	17.5	10.6	19.6
Handlers, equipment cleaners, helpers, and laborers .....	4.6	5.1	5.7	3.9	10.0
<b>Service</b> .....	4.5	3.6	5.5	7.5	8.4

<sup>1</sup> 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, 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.

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

<sup>3</sup> Establishments classified with 50-99 workers may contain

establishments with fewer than 50 due to staff reductions between survey sampling and collection.

<sup>4</sup> 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 appendix A.

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



Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$7.75	\$10.21	\$16.07	\$25.96	\$37.86
All excluding sales .....	7.98	10.39	16.20	26.27	38.07
<b>White collar</b> .....	10.29	14.13	20.28	32.19	42.25
White collar excluding sales .....	11.83	14.76	21.66	33.08	42.48
<b>Professional specialty and technical</b> .....	17.04	24.03	32.41	40.00	45.92
Professional specialty .....	21.09	27.49	34.24	40.95	46.44
Engineers, architects, and surveyors .....	28.12	32.28	37.16	44.01	48.91
Aerospace engineers .....	30.69	38.17	46.91	46.91	55.36
Civil engineers .....	26.03	26.03	33.08	50.67	50.67
Electrical and electronic engineers .....	29.34	33.71	34.96	37.86	42.27
Mechanical engineers .....	27.40	29.59	38.23	38.23	42.57
Engineers, n.e.c. ....	29.37	32.96	37.16	43.87	48.91
Mathematical and computer scientists .....	25.47	27.25	35.58	38.98	40.19
Computer systems analysts and scientists .....	25.64	31.13	37.86	38.98	45.92
Natural scientists .....	17.51	29.21	34.38	39.87	40.62
Medical scientists .....	17.04	17.04	29.25	29.25	29.25
Health related .....	22.81	25.88	28.03	32.82	37.18
Physicians .....	16.36	17.93	21.06	64.63	64.63
Registered nurses .....	23.97	26.79	28.24	32.41	33.36
Teachers, college and university .....	23.87	35.74	44.80	54.70	57.36
Business, commerce, and marketing teachers .....	40.32	40.58	66.54	80.69	126.11
Other post-secondary teachers .....	26.27	35.74	45.72	57.36	57.36
Teachers, except college and university .....	16.17	32.50	39.29	42.48	44.54
Elementary school teachers .....	32.50	33.05	40.95	40.95	41.90
Secondary school teachers .....	35.87	39.29	43.90	44.54	44.54
Teachers, n.e.c. ....	16.17	38.80	42.48	42.48	42.93
Vocational and educational counselors .....	11.83	22.74	44.75	46.44	46.44
Librarians, archivists, and curators .....	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	15.28	18.87	22.03	31.59	33.16
Social workers .....	15.28	19.27	22.65	33.16	33.16
Recreation workers .....	8.93	8.93	11.40	18.87	25.47
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	18.41	21.66	28.76	41.00	43.00
Technical .....	13.71	16.40	20.62	26.00	30.63
Clinical laboratory technologists and technicians .....	10.72	10.72	13.71	15.34	27.19
Radiological technicians .....	18.85	21.59	22.86	23.54	24.72
Licensed practical nurses .....	14.46	15.37	17.49	18.60	18.60
Health technologists and technicians, n.e.c. ....	13.53	15.02	17.95	22.00	25.12
Electrical and electronic technicians .....	22.13	26.00	27.60	28.74	30.75
Drafters .....	18.43	20.62	22.95	28.18	28.18
Science technicians, n.e.c. ....	14.09	14.09	15.46	18.79	18.79
Technical and related, n.e.c. ....	19.36	22.40	25.50	29.74	48.33
<b>Executive, administrative, and managerial</b> .....	17.82	22.76	28.85	37.46	50.67
Executives, administrators, and managers .....	17.47	23.66	34.07	46.78	54.92
Administrators and officials, public administration .....	25.73	25.73	25.73	52.88	53.81
Financial managers .....	21.64	26.44	35.69	49.97	51.39
Personnel and labor relations managers .....	25.15	25.15	34.14	50.00	50.00
Managers, marketing, advertising, and public relations .....	20.60	23.66	23.66	61.30	66.09
Administrators, education and related fields .....	13.03	29.79	46.91	54.92	64.02
Managers, medicine and health .....	24.55	26.00	34.07	37.50	46.75
Managers, service organizations, n.e.c. ....	16.83	19.32	19.32	38.09	52.00
Managers and administrators, n.e.c. ....	19.23	27.63	35.88	46.78	61.25
Management related .....	17.90	20.82	26.69	30.14	34.43
Accountants and auditors .....	17.90	20.16	27.20	29.40	30.14
Other financial officers .....	23.98	28.11	28.11	30.45	36.85
Management analysts .....	26.69	27.80	30.61	30.61	30.61
Personnel, training, and labor relations specialists .....	15.00	15.00	20.82	20.82	30.87
Construction inspectors .....	23.97	23.97	30.15	30.25	30.25
Management related, n.e.c. ....	17.82	18.80	24.04	33.15	37.46
<b>Sales</b> .....	7.40	7.87	14.90	20.32	26.84
Supervisors, sales .....	13.74	15.40	23.41	29.75	144.15

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>White collar</b> —Continued					
<b>Sales</b> —Continued					
Sales, other business services .....	\$6.83	\$9.22	\$23.28	\$47.49	\$47.49
Sales representatives, mining, manufacturing, and wholesale .....	16.80	17.67	17.67	24.29	34.70
Sales workers, apparel .....	7.40	7.96	8.38	9.67	12.19
Sales workers, other commodities .....	7.35	7.51	11.91	14.90	23.25
Cashiers .....	6.94	7.61	8.62	17.50	17.50
<b>Administrative support, including clerical</b> .....					
Supervisors, general office .....	16.83	19.13	20.26	21.78	27.43
Secretaries .....	12.65	14.58	17.10	20.28	21.89
Typists .....	13.44	13.44	14.81	16.01	20.29
Transportation ticket and reservation agents .....	12.87	13.02	14.67	14.76	17.40
Receptionists .....	9.30	10.00	12.50	13.85	17.50
Order clerks .....	9.98	10.02	11.90	15.20	21.72
Personnel clerks, except payroll and timekeeping .....	12.00	15.76	15.76	17.95	19.00
Library clerks .....	14.45	14.54	14.54	16.36	16.46
Records clerks, n.e.c. ....	13.49	13.49	13.87	17.21	22.66
Bookkeepers, accounting and auditing clerks .....	12.98	13.75	15.56	17.83	19.66
Payroll and timekeeping clerks .....	14.19	14.21	15.94	16.85	24.05
Telephone operators .....	7.83	9.00	9.92	11.52	16.21
Dispatchers .....	11.28	15.43	21.82	21.82	22.14
Traffic, shipping and receiving clerks .....	7.98	10.24	11.92	13.15	13.15
Stock and inventory clerks .....	9.83	10.50	12.80	20.61	20.81
Investigators and adjusters, except insurance .....	15.56	15.56	19.54	22.67	22.67
Eligibility clerks, social welfare .....	15.67	15.67	15.67	15.67	16.91
General office clerks .....	8.94	10.29	12.91	15.15	18.70
Bank tellers .....	9.21	9.31	9.54	9.54	9.59
Data entry keyers .....	10.47	10.50	12.48	14.60	15.00
Teachers' aides .....	8.90	11.57	12.93	14.86	17.61
Administrative support, n.e.c. ....	10.81	11.47	15.20	18.48	20.65
<b>Blue collar</b> .....					
<b>Precision production, craft, and repair</b> .....					
Supervisors, mechanics and repairers .....	25.60	25.60	25.86	36.06	44.35
Automobile mechanics .....	19.70	20.00	22.24	23.30	38.87
Industrial machinery repairers .....	15.79	15.79	18.08	22.65	28.57
Electronic repairers, communications and industrial equipment .....	20.29	21.88	25.32	26.33	30.68
Mechanics and repairers, n.e.c. ....	14.26	16.66	17.90	22.21	27.58
Carpenters .....	18.00	18.00	20.36	23.47	25.61
Electricians .....	18.56	18.56	24.26	26.26	29.18
Construction trades, n.e.c. ....	14.75	16.78	19.17	24.89	24.89
Drillers, oil well .....	13.47	15.29	21.34	25.13	25.49
Supervisors, production .....	14.69	20.62	36.41	45.26	45.26
Machinists .....	12.83	13.82	18.23	22.86	24.22
Electrical and electronic equipment assemblers ..	6.50	7.50	8.24	10.97	22.20
Inspectors, testers, and graders .....	13.61	13.61	13.61	17.03	22.06
Water and sewer treatment plant operators .....	20.21	22.66	23.42	25.64	27.45
<b>Machine operators, assemblers, and inspectors</b> .....					
Punching and stamping press operators .....	7.25	9.42	11.17	17.92	17.92
Molding and casting machine operators .....	7.17	7.17	9.95	11.16	14.34
Printing press operators .....	8.61	11.68	13.14	13.56	25.50
Textile sewing machine operators .....	7.10	8.16	8.58	8.90	9.92
Mixing and blending machine operators .....	6.87	9.09	11.04	11.09	27.25
Miscellaneous machine operators, n.e.c. ....	7.40	8.95	10.07	12.45	17.09
Welders and cutters .....	8.88	11.45	13.25	18.00	25.11
Assemblers .....	7.00	8.38	10.90	14.57	16.12
Production inspectors, checkers and examiners ..	8.80	10.26	11.43	12.77	13.39
<b>Transportation and material moving</b> .....					
Truck drivers .....	7.71	10.06	13.20	16.66	19.42
Industrial truck and tractor equipment operators ..	8.44	8.68	10.53	11.91	18.86

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>Blue collar –Continued</b>					
<b>Handlers, equipment cleaners, helpers, and laborers</b>	\$7.00	\$7.75	\$9.55	\$12.16	\$16.20
Production helpers .....	6.65	7.33	8.70	9.38	9.61
Stock handlers and baggers .....	6.96	7.98	10.19	13.89	19.66
Freight, stock, and material handlers, n.e.c. ....	6.75	8.14	9.40	12.16	12.42
Vehicle washers and equipment cleaners .....	7.00	8.44	10.89	12.69	14.00
Hand packers and packagers .....	6.92	7.33	7.88	9.80	10.03
Laborers, except construction, n.e.c. ....	7.29	9.00	10.99	15.38	23.29
<b>Service</b> .....	6.75	7.67	9.67	15.82	28.10
Protective service .....	6.75	9.00	22.44	28.24	35.78
Supervisors, police and detectives .....	34.30	35.78	35.78	38.07	49.43
Firefighting .....	6.75	7.18	24.77	34.60	34.60
Police and detectives, public service .....	22.84	27.80	28.24	31.92	38.91
Sheriffs, bailiffs, and other law enforcement officers .....	16.00	22.77	26.20	26.20	26.20
Correctional institution officers .....	19.36	19.36	24.99	25.84	26.04
Guards and police, except public service .....	6.47	8.18	9.00	9.25	15.82
Food service .....	6.25	6.75	8.06	11.33	16.28
Waiters, waitresses, and bartenders .....	6.25	6.25	6.75	6.75	7.36
Waiters and waitresses .....	6.25	6.25	6.75	6.75	7.36
Waiters/Waitresses' assistants .....	6.25	6.25	6.75	6.80	8.66
Other food service .....	6.75	7.40	9.49	13.00	17.43
Supervisors, food preparation and service .....	11.54	14.64	17.43	17.98	20.19
Cooks .....	9.18	9.22	11.33	13.03	13.78
Food counter, fountain, and related .....	6.25	6.25	6.91	6.91	10.21
Kitchen workers, food preparation .....	8.06	8.06	8.34	8.67	11.98
Food preparation, n.e.c. ....	6.53	6.86	7.50	9.70	9.78
Health service .....	8.24	8.59	10.17	13.75	14.52
Health aides, except nursing .....	11.68	11.68	14.23	15.83	15.83
Nursing aides, orderlies and attendants .....	8.24	8.36	9.67	10.39	13.80
Cleaning and building service .....	7.12	7.76	8.06	10.69	14.54
Maids and housemen .....	7.04	7.50	8.01	11.43	11.86
Janitors and cleaners .....	7.49	8.06	8.06	10.69	14.54
Personal service .....	6.27	6.75	9.00	10.90	18.60
Attendants, amusement, and recreation facilities .....	6.25	6.25	6.58	10.55	10.59
Public transportation attendants .....	15.34	15.34	22.21	50.46	50.46
Child care workers, n.e.c. ....	7.42	8.35	10.00	10.22	22.70
Service, n.e.c. ....	6.75	6.75	6.80	7.57	8.79

<sup>1</sup> Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays,

nonproduction bonuses, and tips.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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 6-2. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	Private industry				
	10	25	Median 50	75	90
<b>All</b> .....	\$7.46	\$9.31	\$14.21	\$23.29	\$34.99
All excluding sales .....	7.50	9.40	14.13	24.08	34.99
<b>White collar</b> .....	9.54	13.23	19.31	30.14	40.40
White collar excluding sales .....	10.72	14.11	20.60	32.19	41.44
<b>Professional specialty and technical</b> .....	16.17	22.93	30.60	37.86	46.90
Professional specialty .....	20.51	27.42	33.36	38.98	46.91
Engineers, architects, and surveyors .....	29.17	32.96	37.16	44.82	48.91
Aerospace engineers .....	30.69	38.17	46.91	46.91	55.36
Electrical and electronic engineers .....	29.34	33.71	34.96	37.86	42.27
Mechanical engineers .....	16.50	29.59	37.45	38.23	42.57
Engineers, n.e.c. ....	29.37	32.96	37.16	43.87	48.91
Mathematical and computer scientists .....	25.47	31.90	36.46	38.98	45.92
Computer systems analysts and scientists .....	30.09	34.47	38.66	39.41	45.92
Natural scientists .....	17.04	26.34	34.99	39.87	40.62
Health related .....	22.87	26.34	29.90	33.00	41.42
Registered nurses .....	23.54	27.23	29.90	32.54	33.36
Teachers, college and university .....	25.11	34.42	35.74	47.25	69.78
Business, commerce, and marketing teachers .....	40.32	40.58	66.54	80.69	126.11
Teachers, except college and university .....	11.53	12.00	14.93	21.09	29.45
Secondary school teachers .....	22.20	27.79	29.49	35.87	35.87
Teachers, n.e.c. ....	10.58	16.17	16.17	28.21	31.55
Librarians, archivists, and curators .....	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	19.27	20.30	22.65	31.59	33.32
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	20.00	21.66	40.00	43.00	43.00
Technical .....	13.53	16.37	20.94	26.79	30.63
Radiological technicians .....	18.85	21.59	22.86	23.54	24.72
Licensed practical nurses .....	14.46	15.37	17.49	18.03	18.60
Health technologists and technicians, n.e.c. ....	12.71	13.53	16.37	22.33	25.12
Electrical and electronic technicians .....	22.13	26.00	27.60	28.74	30.75
Technical and related, n.e.c. ....	18.19	23.25	26.79	44.59	48.33
<b>Executive, administrative, and managerial</b> .....	17.90	23.66	29.79	37.46	51.39
Executives, administrators, and managers .....	19.32	25.15	34.14	46.75	58.45
Financial managers .....	21.64	24.04	35.69	48.94	51.39
Personnel and labor relations managers .....	25.15	25.15	34.14	47.16	47.16
Managers, marketing, advertising, and public relations .....	20.60	23.66	23.66	61.30	66.09
Administrators, education and related fields .....	13.03	13.03	29.79	29.79	35.72
Managers, medicine and health .....	24.55	25.76	37.44	37.50	46.75
Managers and administrators, n.e.c. ....	27.40	28.85	38.62	47.28	63.58
Management related .....	17.82	20.16	28.11	30.61	35.59
Accountants and auditors .....	17.90	20.16	25.77	28.85	30.14
Other financial officers .....	23.98	28.11	28.11	30.45	36.85
Management related, n.e.c. ....	17.82	18.68	26.54	34.07	37.46
<b>Sales</b> .....	7.40	7.87	14.90	20.32	27.31
Supervisors, sales .....	13.74	15.40	23.41	29.75	144.15
Sales, other business services .....	6.83	9.22	23.28	47.49	47.49
Sales representatives, mining, manufacturing, and wholesale .....	16.80	17.67	17.67	24.29	34.70
Sales workers, apparel .....	7.40	7.96	8.38	9.67	12.19
Sales workers, other commodities .....	7.35	7.51	11.91	14.90	23.25
Cashiers .....	6.94	7.52	8.60	17.50	17.50
<b>Administrative support, including clerical</b> .....	9.31	11.43	13.85	17.17	20.29
Secretaries .....	12.56	14.21	16.85	20.02	21.97
Transportation ticket and reservation agents .....	12.87	13.02	14.67	14.76	17.40
Receptionists .....	9.30	10.00	11.85	13.85	14.42
Order clerks .....	8.48	9.98	11.90	12.25	18.73
Personnel clerks, except payroll and timekeeping .....	12.00	15.76	15.76	17.95	19.00
Records clerks, n.e.c. ....	13.87	13.87	16.88	17.21	17.21
Bookkeepers, accounting and auditing clerks .....	12.98	13.75	15.27	17.11	19.42

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Private industry				
	10	25	Median 50	75	90
<b>White collar</b> —Continued					
<b>Administrative support, including clerical</b> —Continued					
Telephone operators .....	\$7.83	\$9.00	\$9.92	\$9.96	\$11.52
Traffic, shipping and receiving clerks .....	7.98	10.24	11.92	13.15	13.15
Stock and inventory clerks .....	9.83	10.50	12.80	20.61	20.81
Investigators and adjusters, except insurance .....	15.56	15.56	19.54	22.67	22.67
General office clerks .....	7.73	9.56	10.71	13.48	18.62
Bank tellers .....	9.21	9.31	9.54	9.54	9.59
Data entry keyers .....	10.47	10.50	10.82	11.89	15.00
Administrative support, n.e.c. ....	10.81	11.47	14.13	18.48	20.08
<b>Blue collar</b> .....	7.26	8.61	11.45	18.23	24.78
<b>Precision production, craft, and repair</b> .....					
Supervisors, mechanics and repairers .....	25.60	25.60	25.86	36.06	44.35
Automobile mechanics .....	19.70	20.00	22.24	22.85	38.87
Electronic repairers, communications and industrial equipment .....	20.29	24.69	25.32	30.29	30.68
Mechanics and repairers, n.e.c. ....	14.26	16.88	17.90	19.17	26.34
Carpenters .....	18.00	18.00	18.92	21.82	23.47
Drillers, oil well .....	13.47	15.29	21.34	25.13	25.49
Supervisors, production .....	14.69	20.62	33.89	45.26	45.26
Machinists .....	12.83	13.82	18.23	22.86	24.22
Electrical and electronic equipment assemblers ..	6.50	7.50	8.24	10.97	22.20
Inspectors, testers, and graders .....	13.61	13.61	13.61	17.03	22.06
<b>Machine operators, assemblers, and inspectors</b> .....					
Punching and stamping press operators .....	7.40	8.55	10.27	12.52	17.66
Molding and casting machine operators .....	7.25	9.42	11.17	17.92	17.92
Printing press operators .....	7.17	7.17	9.95	11.16	14.34
Textile sewing machine operators .....	8.61	11.68	13.14	13.56	25.50
Mixing and blending machine operators .....	7.10	8.16	8.58	8.90	9.92
Miscellaneous machine operators, n.e.c. ....	6.87	9.09	11.04	11.09	27.25
Welders and cutters .....	7.40	8.95	10.07	11.32	12.78
Assemblers .....	8.88	10.70	12.05	18.00	18.00
Production inspectors, checkers and examiners ..	7.00	8.38	10.90	14.57	16.12
Production inspectors, checkers and examiners ..	8.80	10.26	11.43	12.77	13.39
<b>Transportation and material moving</b> .....					
Truck drivers .....	6.92	7.71	11.49	16.00	19.42
Industrial truck and tractor equipment operators ..	7.71	7.71	11.49	14.33	19.42
Industrial truck and tractor equipment operators ..	8.44	8.68	10.53	11.91	18.86
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....					
Production helpers .....	7.00	7.75	9.40	12.16	15.70
Stock handlers and baggers .....	6.65	7.33	8.70	9.38	9.61
Freight, stock, and material handlers, n.e.c. ....	6.96	7.98	10.19	13.89	19.66
Vehicle washers and equipment cleaners .....	6.75	8.14	9.40	12.16	12.42
Hand packers and packagers .....	7.00	8.44	10.89	12.69	14.00
Laborers, except construction, n.e.c. ....	6.92	7.33	7.88	9.80	10.03
Laborers, except construction, n.e.c. ....	7.17	8.78	9.75	14.36	23.29
<b>Service</b> .....					
Protective service .....	6.47	7.19	8.44	10.51	13.91
Guards and police, except public service .....	6.47	6.47	9.00	9.00	12.09
Guards and police, except public service .....	6.47	6.47	9.00	9.00	12.09
Food service .....	6.25	6.75	7.76	10.43	14.64
Waiters, waitresses, and bartenders .....	6.25	6.25	6.75	6.75	7.36
Waiters and waitresses .....	6.25	6.25	6.75	6.75	7.36
Waiters/Waitresses' assistants .....	6.25	6.25	6.75	6.80	8.66
Other food service .....	6.75	7.38	9.18	12.69	17.43
Supervisors, food preparation and service .....	10.00	14.64	14.64	20.19	20.19
Cooks .....	9.18	9.22	11.33	13.03	13.78
Food counter, fountain, and related .....	6.25	6.25	6.91	6.91	10.21
Food preparation, n.e.c. ....	6.53	6.86	7.42	8.54	9.70
Health service .....	8.24	8.36	9.67	11.95	14.23
Health aides, except nursing .....	11.68	11.68	12.90	15.00	15.83
Nursing aides, orderlies and attendants .....	8.24	8.24	9.20	10.39	13.80

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	Private industry				
	10	25	Median 50	75	90
<b>Service</b> —Continued					
Cleaning and building service .....	\$7.07	\$7.64	\$8.06	\$10.35	\$11.86
Maids and housemen .....	7.04	7.50	8.01	11.43	11.86
Janitors and cleaners .....	7.19	8.06	8.06	10.35	10.69
Personal service .....	6.27	6.75	9.00	10.90	22.21
Public transportation attendants .....	15.34	15.34	22.21	50.46	50.46
Child care workers, n.e.c. ....	6.27	7.42	9.00	10.22	22.70
Service, n.e.c. ....	6.75	6.75	6.80	7.57	8.07

<sup>1</sup> Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays,

nonproduction bonuses, and tips.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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 6-3. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	State and local government				
	10	25	Median 50	75	90
<b>All</b> .....	\$13.44	\$16.52	\$23.17	\$33.16	\$42.25
All excluding sales .....	13.49	16.52	23.21	33.16	42.25
<b>White collar</b> .....	13.44	16.36	22.88	37.89	42.93
White collar excluding sales .....	13.44	16.36	22.88	38.02	42.93
<b>Professional specialty and technical</b> .....	18.25	25.64	33.16	41.60	44.54
Professional specialty .....	21.78	27.82	38.80	41.90	44.75
Engineers, architects, and surveyors .....	26.03	26.03	26.03	33.08	38.96
Civil engineers .....	26.03	26.03	26.03	27.16	44.13
Mathematical and computer scientists .....	25.64	25.64	25.64	25.64	40.19
Computer systems analysts and scientists .....	25.64	25.64	25.64	25.64	40.19
Natural scientists .....	29.21	29.21	29.25	29.25	34.38
Health related .....	21.06	24.64	26.17	27.68	27.82
Registered nurses .....	24.64	25.66	26.87	27.68	29.14
Teachers, college and university .....	23.87	37.82	45.72	57.36	57.36
Other post-secondary teachers .....	25.86	43.26	46.39	57.36	57.36
Teachers, except college and university .....	32.50	33.25	40.95	42.48	44.75
Elementary school teachers .....	32.50	33.05	40.95	40.95	41.90
Librarians, archivists, and curators .....	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	15.28	15.28	21.78	33.16	33.16
Social workers .....	15.28	15.28	23.21	33.16	33.16
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	-	-	-	-	-
Technical .....	14.09	17.95	18.84	22.66	28.18
Electrical and electronic technicians .....	21.53	25.58	31.49	31.49	31.49
Science technicians, n.e.c. ....	14.09	14.09	15.46	18.79	18.79
Technical and related, n.e.c. ....	20.12	21.50	22.40	22.59	26.45
<b>Executive, administrative, and managerial</b> .....	17.47	19.85	25.73	35.88	49.97
Executives, administrators, and managers .....	17.47	19.23	32.45	47.02	53.81
Administrators and officials, public administration .....	25.73	25.73	25.73	52.88	53.81
Administrators, education and related fields .....	46.91	47.02	54.92	55.31	64.02
Managers and administrators, n.e.c. ....	19.23	19.23	19.23	35.88	42.25
Management related .....	19.85	20.82	24.04	28.83	29.40
Construction inspectors .....	23.97	23.97	30.15	30.25	30.25
Management related, n.e.c. ....	20.47	23.17	24.04	24.04	24.04
<b>Sales</b> .....	-	-	-	-	-
<b>Administrative support, including clerical</b> .....	12.91	13.44	15.67	18.70	21.82
Supervisors, general office .....	19.96	20.26	20.26	21.78	21.78
Secretaries .....	16.85	17.44	19.77	20.35	20.35
Library clerks .....	14.54	14.54	14.54	16.36	16.46
Bookkeepers, accounting and auditing clerks .....	13.57	15.00	18.73	19.71	20.48
Dispatchers .....	19.74	21.82	21.82	21.82	22.14
General office clerks .....	12.91	13.11	13.79	15.65	18.70
Teachers' aides .....	9.70	11.57	12.93	15.12	17.61
Administrative support, n.e.c. ....	14.91	16.52	17.49	22.10	23.04
<b>Blue collar</b> .....	15.38	17.30	22.21	28.57	32.75
<b>Precision production, craft, and repair</b> .....	16.78	22.21	25.61	32.58	32.75
Mechanics and repairers, n.e.c. ....	16.17	16.17	20.08	22.21	32.57
Construction trades, n.e.c. ....	14.75	16.38	17.59	19.17	24.21
Water and sewer treatment plant operators .....	20.21	23.42	23.42	27.45	27.45
<b>Machine operators, assemblers, and inspectors</b> .....	-	-	-	-	-
<b>Transportation and material moving</b> .....	16.66	16.66	19.03	20.92	28.53
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	15.38	15.38	17.30	20.24	21.39
<b>Service</b> .....	12.41	15.88	25.84	30.78	37.68

See footnotes at end of table.

Table 6-3. Hourly wage percentiles for establishment jobs,<sup>1</sup> all workers:<sup>2</sup> Selected occupations, State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002  
— Continued

Occupation <sup>3</sup>	State and local government				
	10	25	Median 50	75	90
<b>Service</b> --Continued					
Protective service .....	\$15.82	\$22.77	\$26.20	\$34.60	\$38.91
Supervisors, police and detectives .....	34.30	35.78	35.78	38.07	49.43
Firefighting .....	6.75	7.18	24.77	34.60	34.60
Police and detectives, public service .....	22.84	27.80	28.24	31.92	38.91
Sheriffs, bailiffs, and other law enforcement officers .....	16.00	22.77	26.20	26.20	26.20
Correctional institution officers .....	19.36	19.36	24.99	25.84	26.04
Food service .....	10.18	10.86	12.41	17.98	17.98
Other food service .....	10.18	10.86	12.41	17.98	17.98
Health service .....	10.35	12.87	14.00	14.52	15.88
Nursing aides, orderlies and attendants .....	10.35	10.35	13.11	13.22	13.22
Cleaning and building service .....	10.72	13.40	14.54	15.70	16.93
Janitors and cleaners .....	10.72	13.40	14.54	15.70	16.93
Personal service .....	6.75	7.12	10.00	10.16	11.18

<sup>1</sup> Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays,

nonproduction bonuses, and tips.

<sup>2</sup> All workers include full-time and part-time workers.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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 6-4. Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$8.18	\$11.08	\$17.10	\$26.61	\$38.66
All excluding sales .....	8.18	11.03	17.10	26.94	38.68
<b>White collar</b> .....	11.90	14.93	20.99	32.50	42.48
White collar excluding sales .....	12.35	15.14	22.10	33.25	42.48
<b>Professional specialty and technical</b> .....	17.34	24.72	32.50	40.00	45.98
Professional specialty .....	21.66	27.66	34.94	40.95	46.44
Engineers, architects, and surveyors .....	28.12	32.28	37.16	44.01	48.91
Aerospace engineers .....	30.69	38.17	46.91	46.91	55.36
Civil engineers .....	26.03	26.03	33.08	50.67	50.67
Electrical and electronic engineers .....	29.34	33.71	34.96	37.86	42.27
Mechanical engineers .....	27.40	29.59	38.23	38.23	42.57
Engineers, n.e.c. ....	29.37	32.96	37.16	43.87	48.91
Mathematical and computer scientists .....	25.47	27.25	35.58	38.98	40.19
Computer systems analysts and scientists .....	25.64	31.13	37.86	38.98	45.92
Natural scientists .....	17.51	29.21	34.38	39.87	40.62
Medical scientists .....	17.04	17.04	29.25	29.25	29.25
Health related .....	22.00	25.88	28.03	32.41	41.32
Physicians .....	16.36	17.93	21.06	64.63	64.63
Registered nurses .....	23.92	26.44	28.03	32.41	33.91
Teachers, college and university .....	25.11	35.74	45.72	54.70	57.36
Business, commerce, and marketing teachers .....	40.32	40.58	66.54	80.69	126.11
Other post-secondary teachers .....	35.74	35.74	46.39	57.36	57.36
Teachers, except college and university .....	16.17	32.50	40.95	42.15	44.75
Elementary school teachers .....	32.50	33.05	40.95	40.95	41.90
Secondary school teachers .....	35.87	39.29	43.90	44.54	44.54
Teachers, n.e.c. ....	16.17	38.80	42.48	42.48	42.48
Vocational and educational counselors .....	11.83	22.74	44.75	46.44	46.44
Librarians, archivists, and curators .....	-	-	-	-	-
Social scientists and urban planners .....	-	-	-	-	-
Social, recreation, and religious workers .....	15.28	18.87	22.65	33.16	33.16
Social workers .....	15.28	19.27	23.21	33.16	33.16
Lawyers and judges .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	20.00	21.66	34.97	43.00	60.42
Technical .....	14.09	17.24	21.09	26.79	30.63
Clinical laboratory technologists and technicians .....	10.72	10.72	13.71	15.34	27.19
Licensed practical nurses .....	14.46	15.37	17.50	18.60	18.60
Health technologists and technicians, n.e.c. ....	13.53	15.02	17.95	20.07	25.12
Electrical and electronic technicians .....	22.13	26.00	27.60	28.74	30.75
Drafters .....	18.43	20.62	22.95	28.18	28.18
Technical and related, n.e.c. ....	19.36	22.40	25.50	29.74	48.33
<b>Executive, administrative, and managerial</b> .....	17.90	22.75	28.85	37.46	49.97
Executives, administrators, and managers .....	17.47	23.66	34.07	46.75	54.33
Administrators and officials, public administration .....	25.73	25.73	25.73	52.88	53.81
Financial managers .....	21.64	26.44	35.69	49.97	51.39
Personnel and labor relations managers .....	25.15	25.15	34.14	50.00	50.00
Managers, marketing, advertising, and public relations .....	20.60	23.66	23.66	61.30	66.09
Administrators, education and related fields .....	13.03	28.30	35.72	47.02	54.92
Managers, medicine and health .....	24.55	26.00	34.07	37.50	46.75
Managers and administrators, n.e.c. ....	19.23	27.63	35.88	46.78	61.25
Management related .....	17.90	20.82	26.69	30.14	34.43
Accountants and auditors .....	17.90	20.16	27.20	29.40	30.14
Other financial officers .....	23.98	28.11	28.11	30.45	36.85
Management analysts .....	26.69	27.80	30.61	30.61	30.61
Personnel, training, and labor relations specialists .....	15.00	15.00	20.82	20.82	30.87
Construction inspectors .....	23.97	23.97	30.15	30.25	30.25
Management related, n.e.c. ....	17.82	18.80	24.04	33.15	37.46
<b>Sales</b> .....	8.06	12.19	17.50	21.67	29.75
Supervisors, sales .....	13.74	15.40	23.41	29.75	144.15
Sales, other business services .....	9.22	10.04	27.31	47.49	47.49
Sales representatives, mining, manufacturing, and wholesale .....	16.80	17.67	17.67	24.29	34.70
Sales workers, other commodities .....	9.18	9.31	12.79	14.90	42.72

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>White collar</b> –Continued					
<b>Sales</b> –Continued					
Cashiers .....	\$6.94	\$7.52	\$8.20	\$17.50	\$17.50
<b>Administrative support, including clerical</b> .....					
Supervisors, general office .....	10.02	12.56	14.60	18.23	20.84
Secretaries .....	16.83	19.13	20.26	21.78	27.43
Typists .....	12.65	15.29	17.10	20.28	21.97
Transportation ticket and reservation agents .....	13.44	13.44	14.81	16.01	20.29
Receptionists .....	12.87	12.87	14.67	14.76	17.40
Order clerks .....	10.00	10.00	12.50	13.85	17.50
Personnel clerks, except payroll and timekeeping .....	8.48	9.98	11.90	18.71	22.62
Library clerks .....	12.00	15.76	15.76	17.95	19.00
Records clerks, n.e.c. ....	14.54	14.54	14.54	16.36	16.46
Bookkeepers, accounting and auditing clerks .....	13.49	13.49	13.87	17.21	22.66
Payroll and timekeeping clerks .....	13.14	13.77	15.56	17.83	19.66
Telephone operators .....	14.19	14.21	15.94	16.85	24.05
Dispatchers .....	7.83	9.00	9.96	11.52	16.21
Traffic, shipping and receiving clerks .....	18.68	21.82	21.82	21.82	22.14
Stock and inventory clerks .....	7.98	10.24	11.92	13.15	13.15
Investigators and adjusters, except insurance .....	10.50	10.82	12.80	20.81	20.81
Eligibility clerks, social welfare .....	15.56	15.56	19.54	22.67	22.67
General office clerks .....	15.67	15.67	15.67	15.67	16.91
Data entry keyers .....	9.43	10.71	13.11	15.29	18.70
Administrative support, n.e.c. ....	10.50	11.00	14.60	14.60	15.00
	10.81	11.47	15.20	18.48	20.65
<b>Blue collar</b> .....					
	7.46	8.88	12.16	19.73	25.61
<b>Precision production, craft, and repair</b> .....					
Supervisors, mechanics and repairers .....	9.13	15.26	21.82	25.60	30.86
Automobile mechanics .....	25.60	25.60	25.86	36.06	44.35
Industrial machinery repairers .....	19.70	20.00	22.24	23.30	38.87
Electronic repairers, communications and industrial equipment .....	15.79	15.79	18.08	22.65	28.57
Mechanics and repairers, n.e.c. ....	20.29	21.88	25.32	26.33	30.68
Carpenters .....	16.17	16.66	17.90	22.21	27.58
Electricians .....	18.00	18.00	20.36	23.47	25.61
Construction trades, n.e.c. ....	18.56	18.56	24.26	26.26	29.18
Drillers, oil well .....	14.75	16.78	19.17	24.89	24.89
Supervisors, production .....	13.47	15.29	21.34	25.13	25.49
Machinists .....	14.69	20.62	36.41	45.26	45.26
Electrical and electronic equipment assemblers ..	12.83	13.82	18.23	22.86	24.22
Inspectors, testers, and graders .....	6.50	7.50	8.24	10.97	22.20
Water and sewer treatment plant operators .....	13.61	13.61	13.61	17.03	22.06
	20.21	22.66	23.42	25.64	27.45
<b>Machine operators, assemblers, and inspectors</b> .....					
Punching and stamping press operators .....	7.57	8.58	10.33	12.77	17.92
Molding and casting machine operators .....	7.25	9.42	11.17	17.92	17.92
Printing press operators .....	8.00	8.68	10.33	14.04	14.34
Textile sewing machine operators .....	8.61	11.68	13.14	13.56	25.50
Mixing and blending machine operators .....	7.10	8.16	8.58	8.90	9.92
Miscellaneous machine operators, n.e.c. ....	6.87	9.09	11.04	11.09	27.25
Welders and cutters .....	7.40	8.95	10.07	12.45	17.09
Assemblers .....	8.88	11.45	13.25	18.00	25.11
Production inspectors, checkers and examiners ..	7.00	8.38	10.90	14.57	16.12
	8.80	10.26	11.43	12.77	13.39
<b>Transportation and material moving</b> .....					
Truck drivers .....	6.92	8.10	13.20	18.29	25.96
Industrial truck and tractor equipment operators ..	7.71	10.06	13.20	16.66	19.42
	8.44	9.47	11.91	12.67	18.86
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....					
Production helpers .....	7.00	7.89	9.71	12.16	17.66
Stock handlers and baggers .....	6.65	7.33	8.70	9.38	9.61
Freight, stock, and material handlers, n.e.c. ....	6.96	7.98	10.19	12.30	19.66
Hand packers and packagers .....	6.75	8.14	10.65	12.16	12.42
Laborers, except construction, n.e.c. ....	6.92	7.33	7.89	10.03	10.03
	8.78	9.60	11.93	15.70	23.29

See footnotes at end of table.

Table 6-4. **Hourly wage percentiles for establishment jobs,<sup>1</sup> full-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002 — Continued**

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>Service</b> .....	\$6.75	\$8.06	\$10.39	\$17.43	\$28.83
Protective service .....	6.47	9.00	24.06	30.78	35.78
Supervisors, police and detectives .....	34.30	35.78	35.78	38.07	49.43
Police and detectives, public service .....	22.84	27.80	28.50	33.22	38.91
Sheriffs, bailiffs, and other law enforcement officers .....	20.96	22.77	26.20	26.20	26.20
Correctional institution officers .....	19.36	19.36	24.99	25.84	26.04
Guards and police, except public service .....	6.47	6.47	9.00	9.75	15.82
Food service .....	6.25	6.91	9.18	13.00	17.43
Waiters, waitresses, and bartenders .....	6.25	6.25	6.75	6.75	6.80
Waiters and waitresses .....	6.25	6.25	6.70	6.75	6.75
Waiters/Waitresses' assistants .....	6.25	6.25	6.75	6.80	8.66
Other food service .....	6.91	7.76	9.70	13.78	17.43
Supervisors, food preparation and service .....	11.54	14.64	17.43	20.19	20.19
Cooks .....	9.18	9.22	11.33	13.03	13.78
Food preparation, n.e.c. ....	7.38	7.40	7.76	9.70	9.70
Health service .....	8.24	8.36	10.17	13.80	14.52
Health aides, except nursing .....	11.68	11.68	14.52	15.83	15.88
Nursing aides, orderlies and attendants .....	8.24	8.24	9.67	10.39	13.80
Cleaning and building service .....	7.19	8.01	8.06	11.43	14.54
Maids and housemen .....	7.50	7.64	8.48	11.43	11.86
Janitors and cleaners .....	7.49	8.06	8.06	10.69	14.54
Personal service .....	6.25	7.50	10.59	11.38	22.70

<sup>1</sup> Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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 6-5. Hourly wage percentiles for establishment jobs,<sup>1</sup> part-time workers:<sup>2</sup> Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002

Occupation <sup>3</sup>	10	25	Median 50	75	90
<b>All</b> .....	\$6.75	\$7.36	\$9.00	\$13.12	\$23.17
All excluding sales .....	6.75	7.36	9.54	13.88	26.39
<b>White collar</b> .....	7.20	7.72	11.28	17.61	33.00
White collar excluding sales .....	9.00	9.92	14.36	24.83	41.00
<b>Professional specialty and technical</b> .....	13.15	18.87	26.39	37.24	42.93
Professional specialty .....	17.15	23.17	27.70	41.00	42.93
Health related .....	24.48	27.49	30.60	33.00	33.00
Registered nurses .....	24.48	27.49	30.60	33.00	33.00
Teachers, college and university .....	19.30	30.00	43.26	43.80	59.06
Other post-secondary teachers .....	18.51	24.79	43.26	59.06	59.06
Teachers, except college and university .....	17.15	20.84	23.17	42.93	42.93
Teachers, n.e.c. ....	11.92	42.93	42.93	42.93	42.93
Social, recreation, and religious workers .....	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	9.58	26.39	27.50	41.00	41.00
Technical .....	10.37	12.75	15.11	16.43	21.95
<b>Executive, administrative, and managerial</b> .....	12.00	52.00	52.00	55.31	64.32
Executives, administrators, and managers .....	12.00	52.00	52.00	55.31	64.32
<b>Sales</b> .....	6.80	7.30	7.45	8.09	17.50
Cashiers .....	6.80	7.77	9.59	17.50	17.50
<b>Administrative support, including clerical</b> .....	8.84	9.54	11.28	13.79	17.61
General office clerks .....	6.60	7.03	9.00	10.50	15.00
Teachers' aides .....	8.90	9.70	13.12	17.61	17.61
<b>Blue collar</b> .....	7.11	7.40	9.40	10.50	14.94
<b>Precision production, craft, and repair</b> .....	-	-	-	-	-
<b>Machine operators, assemblers, and inspectors</b> .....	-	-	-	-	-
<b>Transportation and material moving</b> .....	-	-	-	-	-
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	7.05	7.40	9.40	9.97	15.71
Stock handlers and baggers .....	7.11	7.25	11.87	15.71	16.02
Laborers, except construction, n.e.c. ....	7.17	7.29	8.17	9.75	9.75
<b>Service</b> .....	6.53	6.75	7.36	8.86	10.51
Protective service .....	6.75	8.18	8.18	8.18	13.78
Food service .....	6.25	6.53	6.75	7.36	9.49
Waiters, waitresses, and bartenders .....	6.25	6.25	6.75	7.36	7.36
Waiters and waitresses .....	6.25	6.25	6.75	7.36	7.36
Other food service .....	6.53	6.53	6.86	9.18	10.21
Food preparation, n.e.c. ....	6.53	6.53	6.86	8.08	10.18
Health service .....	-	-	-	-	-
Cleaning and building service .....	6.75	6.75	7.75	9.29	10.51
Personal service .....	6.58	6.75	7.42	9.00	10.22
Child care workers, n.e.c. ....	6.27	7.42	9.00	10.00	10.22
Service, n.e.c. ....	6.75	6.75	6.75	7.57	10.16

<sup>1</sup> Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

<sup>2</sup> 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.

<sup>3</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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.

# Appendix A: Technical Note

This section provides basic information on the procedures and concepts used to produce the data contained in this bulletin. It is divided into three parts: Planning for the survey; data collection; and processing and analyzing the data. Although this section answers some questions commonly asked by data users, it is not a comprehensive description of all the steps required to produce the data.

## Planning for the survey

The overall design of the survey includes questions of scope, frame, and sample selection.

### Survey scope

This survey covered establishments employing 50 workers or more in goods-producing industries (mining, construction and manufacturing); service-producing industries (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments. Agriculture, private households, and the Federal Government were excluded from the scope of the survey. For purposes of this survey, an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government entity.

The Los Angeles–Riverside–Orange County, CA, Metropolitan Statistical Area includes Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties.

### Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. 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 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

The sample for this survey area was selected using a two-stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was 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 were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy that were not selected for collection. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

## Data collection

The collection of data from survey respondents required detailed procedures. Field economists collected the data, working out of the Regional Office and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to follow-up and update data.

### Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multistep 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 were collected for those workers who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment.

As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The number of jobs for which data were collected in each establishment was based on the establishment's employment size, as shown in the following schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50–99	8
100–249	10
250–999	12
1,000–2,499	16
2,500+	20

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

Each occupational classification is an element of a broader classification known as a major occupational group (MOG). Occupations can fall into any of the following MOGs:

- Professional specialty and technical
- Executive, administrative, and managerial
- Sales
- Administrative support, including clerical
- Precision production, craft, and repair
- Machine operators, assemblers, and inspectors
- Transportation and material moving
- Handlers, equipment cleaners, helpers, and laborers
- Service occupations

Appendix B contains a complete list of all individual occupations, classified by the MOG to which they belong.

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

on hours worked. Finally, the worker was identified as being in a union job or a nonunion job. See the "Definition of terms" section on the following page for more detail.

### **Occupational leveling**

In the last step before wage data were collected, the work level of each selected job was determined using an "occupational leveling" process. Occupational leveling ranks and compares all occupations randomly selected in an establishment using the same criteria.

For this survey, the level of each occupation in an establishment was determined by an analysis of each of 10 leveling factors. Nine of these factors are drawn from the U.S. Government Office of Personnel Management's Factor Evaluation System, which is the underlying structure for evaluation of General Schedule Federal employees. The tenth factor, supervisory duties, attempts to account for the effect of supervisory duties. It is considered experimental. The 10 factors are:

- Knowledge
- Supervision received
- Guidelines
- Complexity
- Scope and effect
- Personal contacts
- Purpose of contacts
- Physical demands
- Work environment
- Supervisory duties

Each factor contains a number of levels, and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on the written description that best matched the job. Within each occupation, the points for nine factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. A description of the levels for each factor is shown in appendix C.

Tabulations of levels of work for occupations in the survey follow the Federal Government's white-collar General Schedule. Point ranges for each of the 15 levels are shown in appendix D. It also includes an example of a job with its associated leveling factors, and a guide to help data users evaluate jobs in their firms

Wage data collected in prior surveys using the occupational leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 occupational leveling factors (and levels within those factors). The analysis showed that several of the occupational leveling factors, most notably knowledge and supervision received, had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased.

## Collection period

Survey data were collected over a 13-month period for 60 metropolitan areas in the NCS program. For 20 small metropolitan areas, data were collected over a 4-month period. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

## Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (such as Christmas and profit-sharing bonuses)
- Uniform and tool allowances
- Free room and board
- Payments made by third parties (for example, bonuses given by manufacturers to department store salespeople, referral incentives in real estate)
- On-call pay

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers, exempt from overtime provisions, often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

## Definition of terms

*Full-time worker.* Any employee that the employer considers to be full time.

*Incentive worker.* Any employee whose earnings are tied, at least in part, to commissions, piece rates, production bonuses, or other incentives based on production or sales.

*Level.* A ranking of an occupation based on the requirements of the position. (See the description in the technical note on occupational leveling through point factor analysis for more details on the leveling process.)

*Nonunion worker.* An employee in an occupation not meeting the conditions for union coverage. (See below.)

*Part-time worker.* Any employee that the employer considers to be part time.

*Time-based worker.* Any employee whose earnings are tied to an hourly rate or salary, and not to a specific level of production.

*Union worker.* Any employee is in a union occupation when all of the following conditions are met:

- A labor organization is recognized as the bargaining agent for all workers in the occupation
- Wage and salary rates are determined through collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement

## Processing and analyzing the data

Data were processed and analyzed at the Bureau's National Office following collection.

## Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate data for the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of data for the nonrespondents equals the mean value of data for the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group and job level.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero. If only partial data were given by a sample establishment or occupation, or data were missing, the response was treated as a refusal.

### Survey response

	<i>Establish- ments</i>
Total in sampling frame	18,668
Total in sample	877
Responding	390
Out of business or not in survey scope	146
Unable or refused to provide data	341

In this survey, the nonresponse rates for all industries and private industry exceeded regular survey standards.

### Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by: the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work.

Not all calculated series met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

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

### Percentiles

The percentiles presented in tables 6-1 through 6-5 are computed using average hourly wages for sampled establishment jobs within each occupation. During this phase of the ongoing NCS development, establishments in the survey may report either individual-worker earnings or average wage rates for each sampled job. If individual-worker earnings are provided, an average hourly wage rate is computed for the job and used in the calculation of percentile estimates. The average hourly wages for each sampled job are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example,

at the 10th percentile, 10 percent of a published occupation's employment is in sampled establishment jobs that had average hourly wages at the 10th percentile or less for that occupation.

Note that the percentiles in earlier NCS bulletins for this area (in the 3090 and 3095 bulletin series) were calculated from individual-worker earnings rather than from average wages for sampled establishment jobs. Research has shown that using average-wage data for jobs instead of individual-worker data has the effect of moving percentile estimates toward the median (50th percentile). This effect is greatest for occupations with a high degree of wage dispersion. However, medians calculated using the two methods are nearly identical.

### Data reliability

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

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

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. RSE data are provided alongside the earnings data in the bulletin tables.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$12.79, with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for the estimate is \$13.55 to \$12.03 (1.645 times 3.6 percent times \$12.79 = \$0.76, plus or minus \$12.79). 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. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data by personal visit, computer edits of the data, and detailed data review.



Appendix table 1. **Number of workers<sup>1</sup> represented by the survey, by occupational group,<sup>2</sup> National Compensation Survey, Los Angeles-Riverside-Orange County, CA, April 2002**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
<b>All occupations</b> .....	2,599,800	1,958,300	641,600
All excluding sales .....	2,396,400	1,756,200	640,100
<b>White collar</b> .....	1,505,100	1,024,900	480,300
White-collar excluding sales .....	1,301,700	822,800	478,800
Professional specialty and technical .....	577,100	312,400	264,700
Professional specialty .....	482,000	236,900	245,100
Technical .....	95,100	75,500	19,600
Executive, administrative, and managerial .....	211,000	156,500	54,400
Sales .....	203,500	202,000	–
Administrative support, including clerical .....	513,600	353,900	159,700
<b>Blue collar</b> .....	660,600	617,200	43,400
Precision production, craft, and repair .....	217,400	192,200	25,200
Machine operators, assemblers, and inspectors .....	180,400	178,700	–
Transportation and material moving .....	75,800	67,900	8,000
Handlers, equipment cleaners, helpers, and laborers .....	186,900	178,400	8,500
<b>Service</b> .....	434,100	316,200	117,900

<sup>1</sup> The 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 to other statistical series to measure employment trends or levels. Both full-time and part-time workers were included in the survey.

<sup>2</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

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