

National Compensation Survey: Occupational Wages in the United States, January 2001



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Preface

The National Compensation Survey (NCS) provides comprehensive measures of occupational earnings, compensation cost trends, benefit incidence, and detailed benefit provisions. This bulletin focuses on occupational earnings.

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

This bulletin presents aggregate pay data from the local area NCS. Data for more than one-half of the 154 individual NCS localities were published previously. This bulletin provides estimates of occupational pay for the Nation, as well as census divisions, metropolitan and nonmetropolitan areas, and the 10 largest metropolitan areas.

For additional information regarding this survey, contact the information staff in the Bureau of Labor Statistics (BLS) National Office at (202) 691-6199. You may also write to BLS at: Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212-001, or send e-mail to *OCLTINFO@bls.gov*.

BLS field economists 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. The survey could not have been conducted without the cooperation of the many private and government jurisdictions that provided pay data included in this bulletin. BLS thanks these respondents for their cooperation.

The bulletin is also displayed in a Portable Document Format (PDF) file on the BLS Internet site at <http://www.bls.gov/ncs/home.htm>. Supplemental tables that are not included in this bulletin also are available at the BLS Internet site. These tables provide distributions of hourly earnings at the 10th, 25th, 50th (median), 75th, and 90th percentile positions for selected occupations. Earnings data are available for all workers, private industry, and State and local government. Further detail for full- and part-time workers also is provided. Information on average weekly hours and earnings and average annual hours and earnings also is available for the first time.

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Chapter 1. United States, private industry, State and local government

Table 1-1 provides an overview of straight-time hourly wages and salaries paid to workers in the United States. Data are presented by sector of the economy, private industry versus State and local government. These tables are divided into three sections: Worker characteristics, establishment characteristics, and geographic areas. Chapters 2 through 4 provide more detailed information about each of these sections.

In 2001, workers in the United States earned an average of \$16.23 per hour. White-collar workers earned an average of \$19.86 per hour, blue-collar workers earned \$13.73, and service workers earned \$9.86. Average hourly earnings in private industry were \$15.46, compared with \$20.56 in State and local government. This earnings difference reflects differences in the industry and occupation composition of the two sectors. White-collar and service occupations are more prevalent in State and local government than in private industry. Except for construction, few public employees are in goods-producing industries.

In white-collar occupations, average hourly earnings in private industry were \$19.08, compared with \$23.20 in State and local government. Among white-collar major occupational groups, workers in professional specialty and technical occupations earned \$27.50 an hour in State and local government while their private industry counterparts

earned \$25.56. This earnings differential may be explained by the prevalence of teachers in State and local government, many of whom tend to have higher hourly earnings than professional specialty and technical workers in the private sector.

Workers in executive, administrative, and managerial occupations had average hourly earnings of \$28.99 in the private sector and \$27.90 in State and local government. Sales workers in private industry earned an average of \$13.74 an hour, compared with \$12.79 earned by their State and local government counterparts. Average hourly earnings of workers in administrative support occupations were \$12.72 in the private sector and \$13.17 in State and local government.

In State and local government, blue-collar workers earned an average of \$15.84 an hour, compared with \$13.61 for their private sector counterparts.

Service occupations in State and local government include police and firefighting, which are more highly compensated than many other service occupations. The difference in occupational mix is reflected in the fact that service workers in private industry had average hourly earnings of \$8.45, compared with \$15.42 in State and local government.

TABLE 1-1. Summary, United States: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² January 2001

Worker and establishment characteristics and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$16.23	1.0	35.8	\$15.46	1.2	35.7	\$20.56	0.8	36.7
Worker characteristics:⁴									
White-collar occupations ⁵	19.86	1.4	36.0	19.08	1.7	35.9	23.20	.8	36.5
Professional specialty and technical ...	26.18	2.0	35.9	25.56	3.0	35.8	27.50	.8	36.0
Executive, administrative, and managerial	28.80	1.9	40.0	28.99	2.1	40.3	27.90	2.6	38.7
Sales	13.74	2.5	32.7	13.74	2.6	32.7	12.79	5.4	32.5
Administrative support	12.80	1.2	36.4	12.72	1.4	36.4	13.17	1.1	36.5
Blue-collar occupations ⁵	13.73	1.1	38.1	13.61	1.2	38.2	15.84	1.3	37.6
Precision production, craft, and repair	17.28	1.4	39.6	17.21	1.5	39.6	18.09	1.7	39.8
Machine operators, assemblers, and inspectors	12.29	1.8	39.2	12.28	1.8	39.2	15.22	7.4	38.3
Transportation and material moving ...	13.53	1.6	37.2	13.37	1.8	37.5	14.80	1.9	34.5
Handlers, equipment cleaners, helpers, and laborers	10.37	1.3	35.6	10.22	1.3	35.5	13.00	2.5	38.2
Service occupations ⁵	9.86	1.2	31.7	8.45	1.2	30.6	15.42	1.5	36.9
Full time	17.13	1.1	39.6	16.40	1.3	39.7	20.98	.8	38.8
Part time	9.17	1.3	20.6	8.81	1.4	20.7	13.65	2.3	19.3
Union	19.50	.9	36.9	17.60	1.4	37.1	22.29	1.2	36.7
Nonunion	15.52	1.3	35.6	15.16	1.4	35.5	18.97	1.5	36.8
Time	16.00	1.0	35.7	15.15	1.2	35.5	20.56	.8	36.7
Incentive	20.38	4.8	38.1	20.38	4.8	38.1	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	16.71	1.3	39.5	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	14.96	1.6	34.3	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	13.80	2.1	34.8	13.76	2.1	34.7	16.20	3.7	35.8
100 to 499 workers	15.77	1.5	36.3	15.37	1.7	36.3	19.19	1.8	35.9
500 to 999 workers	17.98	1.5	37.0	17.01	1.9	37.4	21.18	2.0	36.0
1,000 to 2,499 workers	18.82	2.1	36.7	18.43	2.8	36.8	19.77	2.1	36.3
2,500 workers or more	22.31	1.2	37.4	23.22	1.9	37.2	21.53	1.1	37.5
Geographic areas:⁸									
Metropolitan	16.37	1.1	35.7	15.62	1.3	35.6	21.32	.7	36.7
Nonmetropolitan	-	-	-	-	-	-	17.35	2.2	36.9
New England	17.54	1.7	35.4	16.88	2.4	35.4	23.06	1.6	35.5
Middle Atlantic	18.72	3.2	34.7	17.88	3.9	34.5	23.42	1.7	35.4
East North Central	16.08	2.5	35.8	15.32	2.6	35.8	21.53	2.2	35.9
West North Central	14.99	3.5	35.4	14.14	3.4	35.1	19.49	2.9	37.0
South Atlantic	15.24	2.6	36.5	14.66	3.4	36.2	18.12	1.6	38.1
East South Central	-	-	-	-	-	-	-	-	-
West South Central	15.07	3.5	36.9	14.57	4.2	36.6	17.46	1.8	38.3
Mountain	14.70	3.6	35.7	13.78	4.1	35.5	20.22	2.8	37.3
Pacific	17.64	1.7	35.6	16.52	2.3	35.5	23.70	1.4	35.7

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

² This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

commissions, and production bonuses.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

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

⁷ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

⁸ Data are presented for metropolitan and nonmetropolitan area divisions as well as eight census divisions. Average hourly earnings and mean weekly hours previously published for the East South Central census division did not meet publishability standards. See appendix E for a list of survey areas and States comprising the nine census divisions.

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

TABLE 1-2. State and local government: Mean hourly earnings,¹ and weekly hours by selected characteristics, National Compensation Survey,² January 2001

Worker and establishment characteristics and geographic areas	State and local government			State government			Local government		
	Hourly earnings		Weekly hours	Hourly earnings		Weekly hours	Hourly earnings		Weekly hours
	Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$20.56	0.8	36.7	\$19.80	1.9	38.7	\$20.87	0.7	36.0
Worker characteristics:⁴									
White-collar occupations ⁵	23.20	.8	36.5	21.89	2.0	38.6	23.79	.8	35.6
Professional specialty and technical	27.50	.8	36.0	25.51	2.4	38.4	28.25	.8	35.1
Executive, administrative, and managerial	27.90	2.6	38.7	26.16	4.7	39.2	29.17	2.0	38.4
Sales	12.79	5.4	32.5	13.64	6.9	36.7	12.11	7.5	29.8
Administrative support	13.17	1.1	36.5	13.30	2.3	38.6	13.12	1.2	35.6
Blue-collar occupations ⁵	15.84	1.3	37.6	14.77	2.2	38.9	16.11	1.4	37.3
Precision production, craft, and repair	18.09	1.7	39.8	15.81	2.5	39.8	19.04	1.9	39.8
Machine operators, assemblers, and inspectors	15.22	7.4	38.3	12.98	9.2	38.6	15.91	8.5	38.3
Transportation and material moving	14.80	1.9	34.5	14.74	4.9	39.2	14.81	2.0	34.0
Handlers, equipment cleaners, helpers, and laborers	13.00	2.5	38.2	11.57	5.8	35.9	13.29	2.7	38.7
Service occupations ⁵	15.42	1.5	36.9	14.89	2.6	39.1	15.62	1.7	36.2
Full time	20.98	.8	38.8	19.87	1.9	39.6	21.45	.8	38.5
Part time	13.65	2.3	19.3	16.65	4.2	19.7	13.30	2.6	19.2
Union	22.29	1.2	36.7	19.30	2.7	38.4	23.23	1.0	36.1
Nonunion	18.97	1.5	36.8	20.13	3.6	39.0	18.39	1.0	35.8
Establishment characteristics:									
1 to 99 workers ⁶	16.20	3.7	35.8	15.10	7.0	39.4	16.35	3.7	35.3
100 to 499 workers	19.19	1.8	35.9	17.59	4.4	37.3	19.37	1.9	35.7
500 to 999 workers	21.18	2.0	36.0	17.53	3.2	38.7	21.84	2.1	35.5
1,000 to 2,499 workers	19.77	2.1	36.3	16.79	4.5	39.0	20.81	2.0	35.4
2,500 workers or more	21.53	1.1	37.5	20.97	1.9	38.8	21.93	1.2	36.6
Geographic areas:⁷									
Metropolitan	21.32	.7	36.7	20.35	1.8	38.7	21.71	.8	35.9
Nonmetropolitan	17.35	2.2	36.9	17.30	5.3	39.1	17.37	1.9	36.1
New England	23.06	1.6	35.5	22.33	2.5	36.9	23.49	2.1	34.8
Middle Atlantic	23.42	1.7	35.4	21.81	2.6	38.5	23.90	2.0	34.6
East North Central	21.53	2.2	35.9	21.65	6.8	38.3	21.49	1.9	35.2
West North Central	19.49	2.9	37.0	19.43	6.4	39.4	19.53	2.0	35.3
South Atlantic	18.12	1.6	38.1	17.51	3.8	40.0	18.45	1.3	37.2
East South Central	-	-	-	-	-	-	-	-	-
West South Central	17.46	1.8	38.3	16.40	2.0	38.7	17.79	2.3	38.2
Mountain	20.22	2.8	37.3	22.19	7.2	39.2	19.39	2.4	36.5
Pacific	23.70	1.4	35.7	21.77	2.1	37.1	24.35	1.6	35.2

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

² This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

⁷ Data are presented for metropolitan and nonmetropolitan area divisions as well as eight census divisions. Average hourly earnings and mean weekly hours previously published for the East South Central census division did not meet publishability standards. See appendix E for a list of survey areas and States comprising the nine census divisions.

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

Chapter 2. Worker characteristics

Chapter 2 presents earnings data for occupational groups as well as selected occupations. Tables 2-1, 2-2, and 2-3 compare full- and part-time earnings for the Nation, as well as for private industry and State and local government. Table 2-4 provides earnings data for the work levels of selected occupations.¹ This chapter also provides data by bargaining status (union versus nonunion) and time and incentive pay status.

The National Compensation Survey (NCS) classifies workers into 1 of 480 occupations based on duties and responsibilities. These occupations are then aggregated into 11 major occupational groups (MOGs) and then into 3 broad occupational categories: White-collar, blue-collar, and service. Only nine MOGs are used in the NCS.²

White-collar occupations are classified into the following MOGs:

- Professional specialty and technical occupations
- Executive, administrative, and managerial occupations
- Sales occupations
- Administrative support, including clerical occupations

Blue-collar occupations are classified into the following MOGs:

- Precision production, craft, and repair occupations
- Machine operators, assemblers, and inspectors
- Transportation and material moving occupations
- Handlers, equipment cleaners, helpers, and laborers

Service occupations are grouped into one MOG that includes the following occupational groups:

- Protective service occupations
- Food service occupations
- Health service occupations
- Cleaning and building service occupations
- Personal service occupations

Earnings by occupational group and detailed occupation

White-collar earnings averaged \$19.86 per hour while average hourly earnings for white-collar excluding sales³ occupations were \$21.19. Earnings for blue-collar workers averaged \$13.73 per hour, and service worker earnings averaged \$9.86 per hour.

White-collar occupations. Average hourly earnings varied considerably among white-collar workers, ranging from \$12.80 for administrative support occupations to \$28.80 for executive, administrative, and managerial occupations.

Some of the most highly paid individual occupations were in the professional specialty and technical group. For example, airplane pilots and navigators had average hourly earnings of \$101.47 and physicians had average hourly earnings of \$60.14. On the other hand, substitute teachers averaged \$11.83 an hour and health records technologists and technicians averaged \$11.54 an hour.

Highly compensated individual occupations within the executive, administrative and managerial category were managers, marketing, advertising, and public relations, averaging \$37.48 an hour, and financial managers, averaging \$34.25 per hour. Individual occupations also included legislators, averaging \$12.46 an hour, and managers of food service and lodging establishments, averaging \$17.00 an hour.

Average hourly earnings in sales occupations were \$13.74, ranging from \$7.31 for sales counter clerks to \$34.85 for sales engineers. Average hourly earnings were low for cashiers (\$7.65) and for sales workers, shoes (\$7.60). Higher earnings were reported for securities and financial services sales, averaging \$31.70 an hour, and for demonstrators, promoters, and models, sales, averaging \$29.81 an hour.

Administrative support, including clerical, occupations had average hourly earnings of \$12.80. Earnings were low for occupations such as hotel clerks and file clerks, with average hourly earnings of \$8.76 and \$9.17, respectively. Supervisors, computer equipment operators, with earnings of \$24.51, was the only occupation with average hourly earnings of more than \$20. Many of the occupations in this group had average hourly earnings between \$10 and \$15.

Blue-collar occupations. Earnings averaged \$13.73 an hour, with variations among the four major occupational groups.

Workers in precision production, craft, and repair occupations had average hourly earnings of \$17.28. Among individual occupations, average hourly earnings ranged from \$10.09 for brickmason and stonemason apprentices to \$25.80 for elevator installers and repairers. Many of the occupations in this occupational group had average hourly earnings of \$15 or more.

Machine operators, assemblers, and inspectors had average hourly earnings of \$12.29, ranging from \$7.84 for

laundering and drycleaning machine operators to \$17.22 for photoengravers and lithographers. Most of the occupations in this group had average hourly earnings between \$10 and \$15.

Average hourly earnings in transportation and material moving occupations were \$13.53, with a wide range from \$7.86 for parking lot attendants to \$28.75 for longshore equipment operators. However, only a few of the occupations in this group had average hourly earnings of less than \$10 or more than \$20.

Handlers, equipment cleaners, helpers, and laborers had average hourly earnings of \$10.37. Earnings ranged from an average of \$7.55 per hour for nursery workers to \$17.72 for supervisors, agricultural-related workers. Many occupations had average hourly earnings of less than \$10.

Service occupations. Average hourly earnings for service workers were \$9.86. Except for the protective service group, with average hourly earnings of \$15.99, the remaining occupational groups had average hourly earnings of less than \$10. Average hourly earnings were \$7.14 for food service occupations, \$9.93 for health service occupations, \$9.77 for cleaning and building service occupations, and \$9.80 for personal service occupations.

Earnings by employment status

In the NCS, workers are classified as full-time or part-time according to the practices of surveyed establishments. Part-time employees are usually scheduled for fewer hours than are full-time employees in the same work activity. Average hourly earnings for full-time workers were \$17.13 and the mean weekly hours were 39.6. Part-time workers had average hourly earnings of \$9.17 and mean weekly hours of 20.6.

In white-collar occupations, average hourly earnings were \$20.82 for full-time and \$11.29 for part-time workers. Earnings differences varied among major occupational groups. For example, full-time sales workers had average hourly earnings of \$16.01 compared with \$7.19 for part-time sales workers. In administrative support occupations, full-time workers averaged \$13.09 per hour, compared with \$9.98 for part-time workers.

Among blue-collar occupations, average hourly earnings were \$14.03 for full-time workers and \$8.81 for part-time workers. Earnings differences also varied among major occupational groups. In the machine operators, assemblers, and inspectors group, full-time workers averaged \$12.39 per hour, compared with \$8.16 per hour for part-time workers. Full-time workers in the precision production, craft, and repair group had average hourly earnings of \$17.31, compared with \$13.68 for part-time workers.

In service occupations, average hourly earnings were \$10.91 for full-time and \$6.81 for part-time workers. In the protective service group, average hourly earnings were \$16.68 for full-time workers and \$9.05 for part-time workers. In contrast, full-time workers in health service occupations had average hourly earnings of \$10.14, compared with \$8.84 for part-time workers.

Earnings by work level

A factor evaluation is conducted on all occupations selected during the collection process to determine the work level; this evaluation involves the analysis of 10 leveling factors. This “occupational leveling” process ranks and compares all occupations that are randomly selected in an establishment, using the same criteria throughout. When an occupation is leveled, it is slotted into 1 of the 15 work levels that follow the Federal Government’s white-collar General Schedule. (For a more detailed discussion of occupational leveling, see appendixes A, C, and D.)

Within the overall white-collar occupational group, earnings data are presented for all 15 work levels, with average hourly earnings ranging from \$7.11 for level 1 workers to \$62.87 for level 14. Lower level file clerks, general clerks, and messengers are examples of occupations included in work level 1, while work levels 14 and 15 include such occupations as high level professional engineers and lawyers.

Among professional occupations, workers with a bachelor’s degree but little professional experience usually fill entry-level positions (level 5). Fully qualified workers, those who can perform complex tasks with few guidelines and minimal supervision, are generally classified at level 11. Table 2-4 shows, for example, that entry-level (level 5) engineers, architects, and surveyors averaged \$17.67 per hour, while their “fully qualified” (level 11) counterparts averaged \$35.37.

Within the overall blue-collar group, earnings data are presented for 11 work levels, with average hourly earnings ranging from \$8.12 for level 1 workers to \$32.67 for level 11.

In the precision production, craft, and repair major occupational group, bus, truck, and stationary engine mechanics performing at the journey level (level 7) averaged \$16.39 per hour. Semiskilled workers who operate and control machines commonly fill jobs at levels 3, 4, and 5. In the transportation and material moving group, truck drivers are often found at levels 4 and 5, with average hourly earnings of \$12.66 and \$16.06, respectively.

Workers in the handlers, equipment cleaners, helpers, and laborers group perform unskilled duties, primarily manual, that may be learned in a short period and that involve little or no independent judgement. These workers are concentrated in the three lowest work levels, with average hourly earnings from \$8.25 (level 1) to \$11.97 (level 3).

In the overall service group, earnings data are shown for 11 work levels, with average hourly earnings ranging from \$6.89 for level 1 workers to \$31.00 for level 11. Except for the protective service group, many occupations were concentrated in work levels 1 through 5. In the food service group, for example, average hourly earnings for waiters and waitresses⁴ were \$3.81 at level 1, compared with \$11.58 at level 5. In the cleaning and building service group, average hourly earnings for maids and housemen ranged from \$7.64 (level 1) to \$13.63 (level 4).

Earnings by bargaining status

Average hourly earnings among union workers were \$19.50, compared with \$15.52 for their nonunion counterpart. (See table 2-5.) Unionized workers in blue-collar occupations averaged \$17.80 per hour, compared with \$12.31 for nonunion workers. Among service occupations, union workers had average hourly earnings of \$15.30, compared with \$8.59 for nonunion workers. Unionized workers in white-collar occupations earned \$23.76 per hour, compared with \$19.30 for their nonunion counterparts. In two white-collar major occupational groups, average hourly earnings were higher for nonunion than for union workers. The first was executive, administrative, and managerial occupations, in which nonunion earnings averaged \$28.97 per hour and union earnings averaged \$26.22. The second was sales workers, among whom nonunion workers had average hourly earnings of \$13.82 compared with \$11.74 for their union counterparts.

Earnings of time and incentive workers in private industry

Time workers, whose earnings are based solely on an hourly rate or a salary, averaged \$15.15 per hour. Incentive workers, whose earnings are based partially or entirely on productivity payments such as piece rates, commissions, and production bonuses, had average hourly earnings of \$20.38. Among white-collar occupations, time workers averaged \$18.65 per hour, compared with \$24.63 for incentive workers. Among sales workers, average hourly earnings for time workers were \$11.14, compared with \$22.38 for incentive workers. In contrast, time and incentive workers in administrative support occupations had similar earnings of \$12.71 and \$13.18 per hour, respectively. In blue-collar occupations, time workers earned \$13.51 per hour, compared with \$15.08 for incentive workers. Average hourly earnings in service occupations were \$8.40 for time workers and \$10.53 for incentive workers.

¹ See appendixes A, C, and D for more information on techniques used to derive the level of work.

² Excluded from the NCS are MOGs I and J, which include agricultural occupations and the Federal government work force.

³ A separate category was created for white-collar occupations excluding sales because of the volatility of incentive earnings in sales occupations.

⁴ Excluded from earnings are premium pay, nonproduction bonuses, and tips.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.23	1.0	35.8	\$17.13	1.1	39.6	\$9.17	1.3	20.6
All, excluding sales	16.48	1.1	36.2	17.22	1.1	39.5	9.69	1.5	20.4
White collar	19.86	1.4	36.0	20.82	1.4	39.5	11.29	1.8	20.1
White collar, excluding sales	21.19	1.4	36.8	21.65	1.4	39.4	14.73	2.1	19.3
Professional specialty and technical	26.18	2.0	35.9	26.56	2.1	38.9	20.95	2.6	17.2
Professional specialty	28.21	2.4	35.8	28.56	2.5	38.9	22.99	2.5	16.4
Engineers, architects, and surveyors	31.20	2.8	40.6	31.20	2.8	40.7	29.91	18.4	24.0
Architects	24.10	6.7	39.6	24.08	6.7	39.7	—	—	—
Aerospace engineers	33.29	5.9	40.1	33.29	5.9	40.1	—	—	—
Metallurgical and materials engineers	30.74	4.8	39.9	30.74	4.8	39.9	—	—	—
Petroleum engineers	37.97	6.2	40.0	37.97	6.2	40.0	—	—	—
Chemical engineers	35.00	3.5	40.2	34.99	3.5	40.3	—	—	—
Nuclear engineers	35.23	2.0	40.0	35.23	2.0	40.0	—	—	—
Civil engineers	28.60	3.2	40.2	28.61	3.2	40.2	—	—	—
Electrical and electronic engineers	34.56	4.9	41.0	34.56	4.9	41.0	—	—	—
Industrial engineers	27.54	3.1	40.6	27.54	3.1	40.7	—	—	—
Mechanical engineers	26.39	3.9	42.1	26.41	3.9	42.1	—	—	—
Engineers, n.e.c.	34.89	5.3	40.3	34.87	5.3	40.4	—	—	—
Surveyors and mapping scientists	31.54	5.1	39.9	31.54	5.1	39.9	—	—	—
Mathematical and computer scientists	30.38	2.8	39.7	30.54	2.8	40.1	18.67	12.5	22.8
Computer systems analysts and scientists	30.33	2.8	39.6	30.52	2.8	40.1	18.61	12.5	22.8
Operations and systems researchers and analysts	30.46	10.2	40.1	30.46	10.3	40.1	—	—	—
Actuaries	35.88	6.9	38.3	35.88	6.9	38.3	—	—	—
Statisticians	26.61	6.1	39.4	26.61	6.1	39.4	—	—	—
Natural scientists	28.09	5.1	39.6	28.11	5.1	39.8	25.34	9.8	19.6
Physicists and astronomers	39.07	7.9	40.0	39.07	7.9	40.0	—	—	—
Chemists, except biochemists	31.92	5.0	39.8	31.95	5.1	39.8	—	—	—
Atmospheric and space scientists	26.55	16.1	40.8	26.55	16.1	40.8	—	—	—
Geologists and geodesists	29.89	8.7	40.1	29.89	8.7	40.1	—	—	—
Physical scientists, n.e.c.	31.08	8.5	39.9	31.09	8.5	39.9	—	—	—
Agricultural and food scientists	22.47	9.6	39.7	22.47	9.6	39.7	—	—	—
Biological and life scientists	23.69	9.1	39.3	23.74	9.2	39.6	—	—	—
Forestry and conservation scientists	19.40	9.0	40.2	19.40	9.0	40.2	—	—	—
Medical scientists	25.18	6.3	38.7	25.12	6.4	39.5	28.88	17.7	16.1
Health related	28.14	8.9	34.1	28.59	10.4	39.4	25.70	2.8	19.7
Physicians	60.14	22.3	38.0	59.78	23.5	41.4	68.08	5.5	13.5
Dentists	38.43	9.6	29.6	39.71	12.9	39.5	—	—	—
Optometrists	41.38	8.3	36.3	41.32	8.6	39.9	—	—	—
Registered nurses	22.68	1.1	33.3	22.45	1.3	39.0	23.67	1.8	20.4
Pharmacists	32.81	2.3	31.8	33.70	1.4	39.8	28.65	10.6	16.4
Dietitians	19.42	2.7	36.5	19.16	3.0	39.7	21.58	4.3	21.8
Respiratory therapists	19.10	1.8	34.6	19.04	1.9	39.0	19.52	3.1	19.9
Occupational therapists	23.19	6.2	32.9	22.78	7.1	38.5	25.72	4.6	17.2
Physical therapists	23.79	5.4	36.2	23.29	5.5	39.6	28.68	3.5	19.6
Speech therapists	27.51	3.3	35.9	27.48	3.5	38.3	28.11	6.9	17.6
Therapists, n.e.c.	20.09	7.8	36.1	18.50	4.3	39.1	34.50	25.3	21.2
Physicians' assistants	32.90	6.6	38.9	—	—	—	—	—	—
Teachers, college and university	37.98	2.7	33.1	38.64	2.8	38.9	29.42	3.9	11.3
Earth, environmental, and marine science teachers	40.93	12.3	33.4	41.02	13.3	36.9	—	—	—
Biological science teachers	38.75	9.9	33.3	38.61	10.5	36.3	40.50	23.6	15.8
Chemistry teachers	36.74	9.7	40.2	36.79	9.8	40.8	—	—	—
Physics teachers	44.88	10.7	37.6	44.89	10.8	37.9	—	—	—
Natural science teachers, n.e.c.	36.49	9.6	35.3	39.22	6.2	38.1	—	—	—
Psychology teachers	37.39	11.6	32.5	37.91	11.9	38.6	24.52	10.6	6.6
Economics teachers	57.51	15.3	43.2	57.51	15.3	43.2	—	—	—
History teachers	39.76	9.6	35.7	39.50	10.0	39.9	—	—	—
Political science teachers	32.20	9.6	38.5	32.17	9.7	39.9	—	—	—
Sociology teachers	38.89	16.6	37.0	39.09	16.6	39.6	—	—	—
Social science teachers, n.e.c.	39.73	4.9	36.6	39.69	5.1	39.2	—	—	—
Engineering teachers	47.69	7.7	38.0	47.85	8.0	40.6	44.57	19.3	16.5
Mathematical science teachers	37.07	7.4	34.6	37.51	7.5	38.9	29.16	12.6	11.6

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty —Continued									
Teachers, college and university —Continued									
Computer science teachers	\$30.00	14.3	30.0	\$31.53	17.4	38.3	\$26.25	5.1	19.6
Medical science teachers	48.58	8.9	35.0	49.60	9.1	40.4	34.33	1.0	12.2
Health specialties teachers	37.53	8.7	36.3	37.78	8.8	38.9	28.39	10.9	10.4
Business, commerce, and marketing teachers ..	39.81	9.3	35.5	40.01	9.5	38.3	30.42	10.9	8.0
Agriculture and forestry teachers	42.89	25.7	36.2	42.89	25.7	36.2	—	—	—
Art, drama, and music teachers	31.00	6.5	32.8	31.28	6.9	38.7	28.47	8.9	13.6
Physical education teachers	36.51	6.8	28.9	37.23	7.5	37.0	32.85	15.3	13.6
Education teachers	39.62	6.2	34.3	40.30	5.9	37.7	25.83	9.9	12.2
English teachers	39.31	9.9	32.8	39.71	10.2	37.9	31.69	8.8	9.3
Foreign language teachers	27.02	22.0	32.1	26.05	26.1	41.3	31.53	16.6	15.8
Law teachers	50.43	10.5	36.3	51.69	10.2	39.3	—	—	—
Theology teachers	37.92	3.5	38.2	38.01	3.6	39.8	—	—	—
Trade and industrial teachers	—	—	—	28.28	6.9	38.5	—	—	—
Other post-secondary teachers	37.19	5.4	32.9	37.98	5.7	38.7	28.01	3.8	12.0
Teachers, except college and university	28.01	1.4	34.6	28.49	1.3	36.7	17.34	6.0	15.1
Prekindergarten and kindergarten	17.09	7.3	35.6	17.71	7.5	38.2	12.35	12.4	23.7
Elementary school teachers	29.50	1.2	35.9	29.58	1.2	36.5	24.58	8.2	17.1
Secondary school teachers	30.22	1.4	36.8	30.23	1.4	37.1	28.93	7.1	18.5
Teachers, special education	30.35	3.7	34.7	30.57	3.7	35.6	19.01	12.5	15.8
Teachers, n.e.c.	26.67	5.5	31.0	27.13	6.0	36.5	21.09	10.3	10.9
Substitute teachers	11.83	5.3	15.9	11.34	6.8	34.6	11.94	6.3	14.2
Vocational and educational counselors	26.73	4.9	36.8	26.83	5.0	37.7	23.49	12.5	20.9
Librarians, archivists, and curators	23.10	4.0	37.1	23.24	4.1	38.3	18.47	10.0	18.9
Librarians	23.55	3.9	37.0	23.72	4.0	38.1	18.49	11.0	19.7
Archivists and curators	20.34	6.5	37.8	20.38	6.6	39.1	—	—	—
Social scientists and urban planners	27.12	3.7	36.5	26.97	4.0	39.0	30.36	11.1	15.0
Economists	29.63	5.2	39.7	29.63	5.2	39.7	—	—	—
Psychologists	27.33	4.4	35.7	27.13	4.8	38.9	30.45	11.1	15.8
Social scientists, n.e.c.	22.69	23.7	34.6	22.67	23.8	38.7	—	—	—
Urban planners	24.25	4.4	36.3	24.30	4.4	39.2	—	—	—
Social, recreation, and religious workers	15.36	7.3	35.3	15.42	7.3	39.4	13.91	9.4	10.5
Social workers	15.29	7.7	35.3	15.34	7.6	39.3	—	—	—
Recreation workers	15.23	4.4	33.1	15.68	4.6	39.1	10.79	8.7	13.2
Clergy	18.35	11.9	43.5	18.43	12.3	45.4	16.67	10.6	22.2
Religious workers, n.e.c.	19.00	16.2	35.8	19.52	17.3	39.7	—	—	—
Lawyers and judges	38.99	6.6	38.8	39.12	6.8	39.5	29.64	10.3	15.6
Lawyers	38.77	6.5	38.8	38.87	6.7	39.5	30.49	10.9	15.8
Judges	49.24	10.2	35.6	51.12	8.9	39.6	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.31	3.4	32.6	23.81	3.4	39.0	18.87	10.6	13.1
Technical writers	19.60	10.4	38.7	19.33	10.6	40.3	—	—	—
Designers	21.08	6.9	38.7	21.47	6.4	39.5	—	—	—
Musicians and composers	29.41	22.7	13.5	29.50	44.1	30.3	29.33	12.8	9.2
Actors and directors	28.60	20.8	19.5	35.14	23.9	41.3	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.78	18.0	39.1	21.88	18.4	39.9	—	—	—
Photographers	19.10	8.4	39.3	19.15	8.2	40.1	—	—	—
Artists, performers, and related workers, n.e.c.	17.68	15.5	29.4	19.24	21.8	38.5	14.65	9.5	20.2
Editors and reporters	24.11	6.6	39.2	24.16	6.7	39.5	20.30	13.8	23.5
Public relations specialists	24.18	6.9	37.8	24.29	6.9	39.3	15.37	12.8	9.4
Announcers	19.46	47.0	25.9	—	—	—	8.33	14.5	13.3
Athletes	22.44	8.7	24.0	24.07	6.7	39.7	17.88	18.8	11.4
Professional, n.e.c.	29.86	3.7	39.8	29.29	3.4	39.9	—	—	—
Technical	19.12	1.7	36.2	19.44	1.7	39.0	15.42	5.2	19.7
Clinical laboratory technologists and technicians	15.86	3.5	36.7	15.79	3.6	38.5	17.01	5.3	20.8
Dental hygienists	26.14	5.2	22.0	27.23	2.7	35.9	24.28	10.3	13.3
Health record technologists and technicians	11.54	11.7	35.6	11.35	12.8	39.7	13.10	9.2	19.3
Radiological technicians	20.32	3.5	35.2	20.20	4.1	39.7	20.98	6.3	21.3

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Technical –Continued									
Licensed practical nurses	\$14.59	1.1	34.9	\$14.47	1.3	39.3	\$15.25	2.1	21.2
Health technologists and technicians, n.e.c.	14.54	3.9	33.3	15.08	4.0	39.7	11.68	5.8	17.9
Electrical and electronic technicians	18.42	5.5	38.8	18.86	5.2	39.9	–	–	–
Industrial engineering technicians	19.93	6.0	40.3	19.93	6.0	40.3	–	–	–
Mechanical engineering technicians	22.46	4.7	40.1	22.47	4.7	40.3	–	–	–
Engineering technicians, n.e.c.	20.63	3.0	39.5	20.68	3.0	39.8	14.86	17.2	20.7
Drafters	19.89	2.9	39.9	19.90	2.9	40.0	–	–	–
Surveying and mapping technicians	16.56	7.1	39.8	16.56	7.1	39.8	–	–	–
Biological technicians	16.17	5.1	36.6	16.31	5.2	39.6	–	–	–
Chemical technicians	17.80	3.9	39.9	17.81	3.9	39.9	–	–	–
Science technicians, n.e.c.	19.79	9.1	39.6	19.78	9.2	39.8	–	–	–
Airplane pilots and navigators	101.47	9.1	21.3	107.22	7.5	21.9	–	–	–
Broadcast equipment operators	15.48	12.3	35.8	16.56	13.0	39.8	8.78	7.7	22.0
Computer programmers	24.31	3.3	38.8	24.19	3.3	39.6	–	–	–
Tool programmers, numerical control	17.81	5.5	40.1	17.81	5.5	40.1	–	–	–
Legal assistants	17.46	3.6	38.5	17.55	3.5	39.2	–	–	–
Technical and related, n.e.c.	19.04	3.4	37.7	19.58	3.2	39.7	12.28	11.3	23.3
Executive, administrative, and managerial									
Executives, administrators, and managers	31.70	2.3	40.6	31.82	2.3	41.1	19.34	9.4	18.6
Legislators	12.46	22.7	13.0	11.39	42.0	37.8	13.32	26.4	8.5
Chief executives and general administrators, public administration	23.05	32.8	42.8	23.14	33.2	43.2	–	–	–
Administrators and officials, public administration	28.38	2.3	39.4	28.34	2.3	39.6	49.15	36.4	12.0
Financial managers	34.25	8.7	40.2	34.29	8.7	40.4	–	–	–
Personnel and labor relations managers	29.63	12.2	42.1	29.63	12.2	42.1	–	–	–
Managers, marketing, advertising, and public relations	37.48	3.4	41.0	37.50	3.4	41.0	–	–	–
Administrators, education and related fields	33.29	3.9	38.9	33.58	3.9	39.7	–	–	–
Managers, medicine and health	31.47	4.1	39.1	31.53	4.1	39.8	28.01	11.1	19.4
Managers, food servicing and lodging establishments	17.00	5.0	42.5	17.23	5.0	43.7	10.90	6.7	24.5
Managers, properties and real estate	20.26	6.8	39.5	20.32	6.8	40.0	–	–	–
Managers, service organizations, n.e.c.	27.06	7.8	38.3	27.42	8.2	40.1	21.93	16.8	23.4
Managers and administrators, n.e.c.	33.07	3.7	41.6	33.10	3.7	41.7	15.05	25.7	18.3
Management related	23.65	2.4	39.1	23.57	2.3	39.7	29.88	29.1	17.9
Accountants and auditors	22.33	3.3	38.8	21.73	1.9	39.6	50.83	36.2	19.7
Underwriters	24.02	7.4	38.6	24.02	7.4	38.6	–	–	–
Other financial officers	25.15	4.3	39.3	25.14	4.3	39.3	–	–	–
Management analysts	26.61	4.2	37.7	26.85	4.4	39.9	–	–	–
Personnel, training, and labor relations specialists	22.05	3.1	38.8	22.09	3.2	39.6	–	–	–
Purchasing agents and buyers, farm products ..	26.67	17.2	39.5	26.67	17.2	39.5	–	–	–
Buyers, wholesale and retail trade, except farm products	21.56	6.3	40.1	21.62	6.4	40.4	–	–	–
Purchasing agents and buyers, n.e.c.	25.17	7.5	39.9	25.18	7.5	39.9	–	–	–
Construction inspectors	21.95	3.4	39.3	21.92	3.4	39.9	–	–	–
Inspectors and compliance officers, except construction	21.54	3.2	38.9	21.59	3.3	39.4	–	–	–
Management related, n.e.c.	24.92	6.2	39.4	25.03	6.3	40.0	17.65	10.1	18.6
Sales									
Supervisors, sales	16.57	3.8	40.8	16.70	3.9	41.4	10.33	28.1	24.7
Insurance sales	21.99	6.3	39.5	22.05	6.4	39.7	–	–	–
Real estate sales	19.40	9.9	35.6	19.87	10.2	37.7	–	–	–
Securities and financial services sales	31.70	9.7	40.0	31.74	9.7	40.0	–	–	–
Advertising and related sales	21.58	7.7	38.5	21.86	7.5	39.5	10.73	9.7	19.2
Sales, other business services	19.98	7.8	37.1	21.01	7.8	40.1	8.09	16.8	19.5
Sales engineers	34.85	7.0	40.7	34.85	7.0	40.7	–	–	–

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales representatives, mining, manufacturing, and wholesale	\$24.60	5.0	40.4	\$24.72	5.1	40.5	—	—	—
Sales workers, motor vehicles and boats	18.58	6.0	45.7	18.58	6.0	45.7	—	—	—
Sales workers, apparel	10.06	18.1	25.2	13.93	28.7	38.1	\$7.24	2.4	20.2
Sales workers, shoes	7.60	5.3	24.4	8.15	6.1	39.4	7.23	7.4	19.3
Sales workers, furniture and home furnishings ..	12.39	12.3	30.3	15.55	12.4	40.6	7.32	5.1	21.6
Sales workers, radio, tv, hi-fi, and appliances ...	—	—	—	—	—	—	7.42	3.8	22.4
Sales workers, hardware and building supplies ..	13.01	5.9	38.6	13.44	6.4	41.1	9.32	2.9	25.0
Sales workers, parts	12.94	6.0	38.5	13.55	5.1	40.7	6.54	2.6	24.5
Sales workers, other commodities	10.95	6.8	30.1	13.04	7.6	39.7	7.12	1.7	20.9
Sales counter clerks	7.31	3.3	30.0	7.95	4.0	39.2	6.29	3.0	21.7
Cashiers	7.65	1.3	27.6	8.31	1.8	38.9	6.99	1.4	21.4
Street and door-to-door sales workers	14.80	34.1	26.0	21.64	26.8	39.3	—	—	—
News vendors	10.46	9.3	27.4	—	—	—	9.81	5.7	26.8
Demonstrators, promoters, and models, sales ..	29.81	30.1	27.0	—	—	—	8.20	6.5	13.5
Sales support, n.e.c.	12.40	5.4	34.2	13.90	5.3	40.4	8.01	5.6	23.6
Administrative support, including clerical	12.80	1.2	36.4	13.09	1.3	39.3	9.98	1.6	21.2
Supervisors, general office	17.11	3.1	39.3	17.13	3.2	39.8	15.26	31.2	18.1
Supervisors, computer equipment operators	24.51	5.1	39.7	24.51	5.1	39.7	—	—	—
Supervisors, financial records processing	18.80	3.3	39.4	18.80	3.3	39.4	—	—	—
Chief communications operators	19.20	6.5	40.0	19.20	6.5	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.45	3.4	40.4	18.47	3.4	40.5	—	—	—
Computer operators	15.10	3.1	38.9	15.15	3.1	39.4	10.71	12.5	18.4
Peripheral equipment operators	11.91	5.8	38.7	11.89	5.9	39.4	—	—	—
Secretaries	14.60	3.5	37.7	14.75	3.5	38.9	11.61	3.3	23.1
Stenographers	15.17	6.1	35.5	15.20	6.9	39.3	14.95	4.8	20.4
Typists	12.95	1.9	36.7	13.06	2.0	38.3	11.15	4.3	21.5
Interviewers	10.16	4.0	28.0	11.26	3.2	39.5	8.58	4.0	19.7
Hotel clerks	8.76	3.7	36.3	8.91	3.9	40.2	7.78	4.9	22.5
Transportation ticket and reservation agents	13.64	4.3	36.3	13.83	4.3	39.7	12.49	5.8	23.9
Receptionists	10.25	2.3	33.6	10.57	2.5	39.0	8.63	3.5	19.8
Information clerks, n.e.c.	12.24	4.3	35.6	12.70	3.9	39.1	9.94	4.9	24.4
Classified ad clerks	12.36	9.8	38.1	12.47	9.4	39.5	—	—	—
Correspondence clerks	12.24	3.3	35.7	12.34	3.6	39.6	—	—	—
Order clerks	13.13	2.2	37.1	13.53	2.0	39.7	9.03	7.3	22.5
Personnel clerks, except payroll and timekeeping	14.61	2.7	39.0	14.62	2.8	39.5	14.41	7.1	23.5
Library clerks	11.18	2.6	29.5	11.81	3.1	38.2	9.55	3.5	18.5
File clerks	9.17	3.3	35.6	9.35	3.9	39.4	8.00	4.3	21.8
Records clerks, n.e.c.	12.53	2.2	37.7	12.70	2.2	39.3	10.03	5.4	23.5
Bookkeepers, accounting and auditing clerks ...	11.94	5.0	37.5	12.12	5.5	39.6	9.86	5.2	23.5
Payroll and timekeeping clerks	14.37	2.9	34.9	14.51	3.0	39.7	12.24	16.0	12.2
Billing clerks	10.89	4.1	38.1	10.86	4.3	39.8	—	—	—
Cost and rate clerks	16.38	16.6	40.1	16.38	16.6	40.1	—	—	—
Billing, posting, and calculating machine operators	10.42	4.7	31.8	10.79	6.6	35.1	9.42	3.3	25.5
Duplicating machine operators	11.05	6.1	38.8	11.22	6.5	39.8	8.91	9.0	30.2
Mail preparing and paper handling machine operators	10.67	7.6	34.5	11.22	7.2	39.6	—	—	—
Office machine operators, n.e.c.	8.84	4.9	38.5	8.87	5.1	39.8	—	—	—
Telephone operators	12.29	3.7	35.2	12.82	4.0	39.2	9.05	3.3	21.7
Communications equipment operators, n.e.c.	9.28	12.0	29.2	10.06	13.1	39.7	7.09	16.4	16.9
Mail clerks, except postal service	9.96	6.1	35.8	10.22	7.3	38.7	7.72	5.2	21.8
Messengers	9.65	5.6	30.7	10.03	6.3	39.4	8.78	14.3	20.2
Dispatchers	13.50	4.0	38.9	13.57	4.1	40.1	10.81	10.0	18.5
Production coordinators	17.13	2.8	38.8	17.26	2.7	39.8	—	—	—
Traffic, shipping and receiving clerks	12.27	3.6	38.0	12.37	3.8	39.8	—	—	—
Stock and inventory clerks	11.92	2.4	35.6	12.35	2.5	39.7	8.49	3.9	19.6
Meter readers	15.04	4.0	39.0	15.07	4.1	40.0	—	—	—

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Weighers, measurers, checkers, and samplers	\$13.66	7.6	36.7	\$13.87	8.0	40.0	\$10.57	15.3	16.5
Expeditors	13.88	4.5	37.0	14.42	4.1	39.9	9.17	7.5	22.7
Material recording, scheduling, and distribution clerks, n.e.c.	15.20	10.4	38.0	15.29	10.8	39.9	—	—	—
Insurance adjusters, examiners, and investigators	17.57	4.1	38.2	17.69	3.9	39.0	—	—	—
Investigators and adjusters, except insurance	13.46	2.3	38.8	13.49	2.3	39.7	12.37	6.9	22.8
Eligibility clerks, social welfare	15.05	4.4	39.1	15.07	4.3	39.2	—	—	—
Bill and account collectors	12.36	4.5	38.0	12.48	4.4	39.1	9.36	5.1	21.7
General office clerks	11.81	1.3	35.4	12.11	1.3	39.3	9.37	2.9	19.9
Bank tellers	9.69	2.2	33.9	9.92	2.3	39.2	8.72	2.5	21.6
Proofreaders	15.58	15.2	38.8	15.70	15.1	39.6	—	—	—
Data entry keyers	11.24	2.2	36.0	11.30	2.1	39.5	10.91	8.4	23.6
Statistical clerks	12.28	5.5	38.4	12.34	5.7	39.5	10.51	6.7	21.0
Teachers' aides	10.44	2.0	30.8	10.00	1.7	35.8	11.77	4.8	21.6
Administrative support, n.e.c.	12.52	1.9	35.7	12.82	1.9	39.4	10.28	8.3	20.7
Blue collar	13.73	1.1	38.1	14.03	1.2	39.9	8.81	3.2	21.9
Precision production, craft, and repair									
Supervisors, mechanics and repairers	17.19	14.3	40.4	17.19	14.3	40.4	—	—	—
Automobile mechanics	16.48	3.9	40.3	16.48	4.0	40.3	—	—	—
Automobile mechanic apprentices	11.35	8.1	35.9	11.20	9.3	40.1	—	—	—
Bus, truck, and stationary engine mechanics	14.65	6.0	39.7	14.69	6.1	40.1	—	—	—
Aircraft engine mechanics	22.04	3.7	40.0	22.04	3.7	40.0	—	—	—
Small engine repairers	13.12	4.6	39.7	13.15	4.6	40.0	—	—	—
Automobile body and related repairers	19.15	10.0	40.4	19.15	10.0	40.4	—	—	—
Aircraft mechanics, except engine	20.64	5.7	40.0	20.64	5.7	40.0	—	—	—
Heavy equipment mechanics	18.20	4.7	39.9	18.21	4.7	39.9	—	—	—
Farm equipment mechanics	13.08	4.7	40.6	13.08	4.7	40.6	—	—	—
Industrial machinery repairers	18.36	2.3	39.8	18.36	2.3	39.8	—	—	—
Machinery maintenance	14.04	5.2	38.3	14.49	4.3	39.8	—	—	—
Electronic repairers, communications and industrial equipment	19.78	2.9	37.6	19.86	2.9	39.9	—	—	—
Data processing equipment repairers	17.58	9.2	38.6	17.70	9.0	39.8	—	—	—
Household appliance and power tool repairers	13.61	7.5	39.2	13.61	7.6	39.5	—	—	—
Telephone line installers and repairers	21.52	2.8	39.9	21.52	2.8	40.0	—	—	—
Telephone installers and repairers	19.33	3.1	40.0	19.33	3.1	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	15.83	3.1	39.9	15.72	3.1	40.0	—	—	—
Locksmiths and safe repairers	18.04	5.9	40.0	18.04	5.9	40.0	—	—	—
Office machine repairers	14.60	11.9	40.0	14.60	11.9	40.0	—	—	—
Mechanical controls and valve repairers	20.60	4.4	39.5	20.75	4.4	40.0	—	—	—
Elevator installers and repairers	25.80	6.8	40.0	25.80	6.8	40.0	—	—	—
Millwrights	21.03	6.1	40.0	21.03	6.1	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.94	2.3	39.5	16.00	2.3	39.9	10.31	28.3	20.0
Supervisors, brickmasons, stonemasons, and tilers	19.04	13.8	40.0	19.04	13.8	40.0	—	—	—
Supervisors, carpenters and related workers	24.07	7.3	40.1	24.07	7.3	40.1	—	—	—
Supervisors, electricians and power transmission installers	25.68	4.1	40.2	25.68	4.1	40.2	—	—	—
Supervisors, painters, paperhangers, and plasterers	19.04	3.3	40.2	19.04	3.3	40.2	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	25.74	5.9	40.0	25.74	5.9	40.0	—	—	—
Supervisors, construction trades, n.e.c.	20.77	4.2	40.1	20.77	4.2	40.1	—	—	—
Brickmasons and stonemasons	20.71	9.1	39.1	20.71	9.1	39.1	—	—	—
Brickmason and stonemason apprentices	10.09	8.2	40.0	10.09	8.2	40.0	—	—	—
Tile setters, hard and soft	25.42	4.6	34.2	—	—	—	—	—	—
Carpet installers	19.15	10.9	39.5	19.15	10.9	39.5	—	—	—

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Carpenters	\$17.38	3.4	39.8	\$17.38	3.4	39.8	\$16.79	26.9	21.3
Carpenter apprentices	15.03	7.7	40.0	15.03	7.7	40.0	—	—	—
Drywall installers	20.86	14.1	38.9	20.88	14.1	39.0	—	—	—
Electricians	20.32	4.4	39.8	20.32	4.4	39.8	—	—	—
Electrician apprentices	13.98	5.8	40.0	13.98	5.8	40.0	—	—	—
Electrical power installers and repairers	23.53	2.8	40.0	23.53	2.8	40.0	—	—	—
Painters, construction and maintenance	13.91	4.9	39.5	13.92	4.9	39.6	—	—	—
Plumbers, pipefitters and steamfitters	21.09	4.7	39.5	20.74	4.7	39.8	—	—	—
Plumber, pipefitter, and steamfitter apprentices	17.55	14.0	39.9	17.55	14.0	39.9	—	—	—
Concrete and terrazzo finishers	16.15	11.1	37.8	16.13	11.2	38.1	—	—	—
Glaziers	14.76	7.0	38.4	14.79	7.1	40.0	—	—	—
Insulation workers	13.58	7.7	38.0	13.66	7.8	39.9	—	—	—
Paving, surfacing, and tamping equipment operators	11.95	11.7	40.0	11.95	11.7	40.0	—	—	—
Roofers	14.22	10.6	39.0	14.22	10.6	39.0	—	—	—
Sheetmetal duct installers	21.62	9.1	40.0	21.62	9.1	40.0	—	—	—
Structural metal workers	16.19	5.1	38.8	16.19	5.1	38.8	—	—	—
Construction trades, n.e.c.	15.12	4.8	39.6	15.15	4.8	39.8	—	—	—
Supervisors, extractive	23.55	16.9	41.2	23.55	16.9	41.2	—	—	—
Drillers, oil well	15.98	31.2	40.0	15.98	31.2	40.0	—	—	—
Mining machine operators	17.23	14.1	40.0	17.23	14.1	40.0	—	—	—
Mining, n.e.c.	22.71	3.4	39.2	22.71	3.4	39.2	—	—	—
Supervisors, production	19.96	2.7	40.4	19.96	2.7	40.4	—	—	—
Tool and die makers	22.00	2.8	40.2	22.00	2.8	40.2	—	—	—
Tool and die maker apprentices	16.03	11.3	39.8	16.03	11.3	39.8	—	—	—
Precision assemblers, metal	18.16	3.1	40.0	18.16	3.1	40.0	—	—	—
Machinists	16.89	3.9	39.9	16.88	3.9	40.0	—	—	—
Precision grinders, filers, and tool sharpeners	18.06	7.1	40.0	18.06	7.1	40.0	—	—	—
Patternmakers and modelmakers, metal	19.89	8.7	40.0	19.89	8.7	40.0	—	—	—
Layout workers	15.59	3.9	40.0	15.59	3.9	40.0	—	—	—
Precious stones and metals workers	12.94	17.7	40.0	12.94	17.7	40.0	—	—	—
Engravers, metal	14.58	28.6	39.1	—	—	—	—	—	—
Sheet metal workers	17.34	4.9	40.0	17.34	4.9	40.0	—	—	—
Sheet metal worker apprentices	13.01	11.6	37.0	13.01	11.6	37.0	—	—	—
Cabinet makers and bench carpenters	13.29	12.5	39.1	13.43	12.2	39.9	—	—	—
Furniture and wood finishers	12.05	4.6	40.0	12.05	4.6	40.0	—	—	—
Dressmakers	11.70	6.4	38.2	11.70	6.4	38.2	—	—	—
Tailors	11.79	5.7	36.9	12.21	5.1	39.8	—	—	—
Upholsterers	13.70	12.8	40.0	13.70	12.8	40.0	—	—	—
Hand molders and shapers, except jewelers	16.81	6.6	40.0	16.81	6.6	40.0	—	—	—
Patternmakers, layout workers, and cutters	13.87	9.1	40.0	13.87	9.1	40.0	—	—	—
Optical goods workers	11.58	11.1	39.3	11.58	11.3	39.9	—	—	—
Dental laboratory and medical appliance technicians	14.96	2.8	38.9	14.96	2.8	38.9	—	—	—
Bookbinders	12.59	5.0	39.8	12.59	5.0	39.8	—	—	—
Electrical and electronic equipment assemblers	11.45	3.4	39.8	11.47	3.4	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.37	8.3	39.7	14.41	8.3	39.9	—	—	—
Precision food production	16.40	25.4	36.4	16.40	25.4	36.4	—	—	—
Butchers and meat cutters	10.92	4.5	37.4	10.93	4.7	40.0	10.73	12.9	17.7
Bakers	10.14	8.9	32.9	10.26	11.2	35.7	—	—	—
Food batchmakers	10.84	5.6	38.5	10.86	5.8	40.0	—	—	—
Inspectors, testers, and graders	17.35	4.7	40.3	17.35	4.7	40.3	—	—	—
Precision inspectors, testers, and related workers, n.e.c.	20.62	5.4	40.0	20.62	5.4	40.0	—	—	—
Adjusters and calibrators	19.18	20.7	39.7	19.16	20.9	40.0	—	—	—
Water and sewer treatment plant operators	16.43	3.9	39.9	16.44	4.0	40.0	—	—	—
Power plant operators	24.07	3.4	39.8	24.07	3.4	39.8	—	—	—
Stationary engineers	19.75	3.4	39.8	19.75	3.4	39.8	—	—	—
Miscellaneous plant and system operators, n.e.c.	21.18	9.0	39.1	21.18	9.0	39.1	—	—	—

See footnotes at end of table.

TABLE 2-1. United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors	\$12.29	1.8	39.2	\$12.39	1.8	39.8	\$8.16	2.8	23.8
Lathe and turning machine set-up operators	14.79	3.7	40.0	14.79	3.7	40.0	—	—	—
Lathe and turning machine operators	14.89	4.9	39.9	14.89	4.9	39.9	—	—	—
Milling and planing machine operators	13.75	8.0	39.7	13.75	8.0	39.7	—	—	—
Punching and stamping press operators	12.37	7.9	38.4	12.57	7.1	40.0	—	—	—
Rolling machine operators	15.48	11.2	40.0	15.48	11.2	40.0	—	—	—
Drilling and boring machine operators	12.33	13.3	40.0	12.33	13.3	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.69	3.4	39.3	12.76	3.3	39.9	—	—	—
Forging machine operators	14.09	4.9	39.8	14.09	4.9	39.8	—	—	—
Numerical control machine operators	14.79	3.0	40.0	14.79	3.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.91	3.8	39.0	14.30	3.0	39.9	—	—	—
Molding and casting machine operators	11.49	4.2	39.8	11.55	4.2	39.8	—	—	—
Metal plating machine operators	13.52	3.7	39.5	13.52	3.7	39.5	—	—	—
Heat treating equipment operators	14.94	7.1	39.9	14.94	7.1	39.9	—	—	—
Wood lathe, routing, and planing machine operators	9.44	12.0	39.5	9.39	12.1	39.7	—	—	—
Sawing machine operators	11.03	7.0	39.7	11.06	7.0	40.0	—	—	—
Shaping and jointing machine operators	11.16	4.8	40.0	11.16	4.8	40.0	—	—	—
Printing press operators	14.32	3.8	39.3	14.28	3.9	39.5	19.13	13.7	20.8
Photoengravers and lithographers	17.22	8.0	38.9	17.24	8.0	39.0	—	—	—
Typesetters and compositors	14.02	7.5	34.2	14.02	8.2	37.9	—	—	—
Winding and twisting machine operators	12.77	7.0	39.9	12.78	7.0	39.9	—	—	—
Knitting, looping, taping, and weaving machine operators	12.00	3.1	40.0	12.00	3.1	40.0	—	—	—
Textile cutting machine operators	9.13	7.4	40.0	9.13	7.4	40.0	—	—	—
Textile sewing machine operators	7.94	5.2	39.3	8.02	5.3	39.9	—	—	—
Shoe machine operators	10.05	11.2	40.0	10.05	11.2	40.0	—	—	—
Pressing machine operators	8.47	4.7	38.5	8.51	4.7	39.9	—	—	—
Laundering and dry cleaning machine operators	7.84	4.6	37.8	7.87	4.8	39.1	7.30	5.6	22.8
Cementing and gluing machine operators	10.54	8.2	40.0	10.54	8.2	40.0	—	—	—
Packaging and filling machine operators	12.32	4.1	39.4	12.43	3.9	39.9	—	—	—
Extruding and forming machine operators	12.42	4.9	39.6	12.42	4.9	39.6	—	—	—
Mixing and blending machine operators	14.29	5.1	39.7	14.29	5.1	39.7	—	—	—
Separating, filtering, and clarifying machine operators	17.02	4.3	39.8	17.02	4.3	39.8	—	—	—
Compressing and compacting machine operators	11.13	3.0	35.2	11.19	3.0	35.6	—	—	—
Painting and paint spraying machine operators	14.33	12.8	40.0	14.33	12.8	40.0	—	—	—
Roasting and baking machine operators, food ..	9.95	4.0	38.9	9.97	4.1	40.0	—	—	—
Washing, cleaning, and pickling machine operators	9.51	6.5	30.8	10.81	5.7	40.0	—	—	—
Folding machine operators	12.55	6.2	39.7	12.55	6.2	39.7	—	—	—
Furnace, kiln, and oven operators, except food ..	14.18	5.2	40.0	14.18	5.2	40.0	—	—	—
Crushing and grinding machine operators	12.91	7.3	40.0	12.91	7.3	40.0	—	—	—
Slicing and cutting machine operators	13.26	4.6	39.9	13.26	4.6	39.9	—	—	—
Photographic process machine operators	11.21	5.1	31.5	12.83	6.4	39.9	8.16	4.0	22.5
Miscellaneous machine operators, n.e.c.	12.28	4.0	39.4	12.32	4.0	39.9	8.27	4.9	18.1
Welders and cutters	15.01	2.8	39.8	15.06	2.8	40.0	8.73	9.4	24.2
Solders and braziers	10.30	10.0	40.0	10.30	10.0	40.0	—	—	—
Assemblers	12.19	4.6	39.1	12.34	4.7	39.9	8.15	4.5	25.0
Hand cutting and trimming	8.40	7.8	40.0	8.40	7.8	40.0	—	—	—
Hand molding, casting, and forming	11.99	3.6	39.8	12.03	3.4	40.0	—	—	—
Hand painting, coating, and decorating	10.38	6.7	40.0	10.38	6.7	40.0	—	—	—
Hand engraving and printing	12.25	4.3	35.5	—	—	—	—	—	—
Miscellaneous hand working, n.e.c.	11.32	4.6	39.1	11.39	4.6	39.6	—	—	—
Production inspectors, checkers and examiners ..	12.63	4.5	39.6	12.65	4.5	39.7	—	—	—
Production testers	12.70	4.0	39.9	12.70	4.0	39.9	—	—	—
Production samplers and weighers	14.38	8.2	39.8	14.38	8.2	39.8	—	—	—
Graders and sorters, except agricultural	10.10	6.3	39.9	10.15	6.3	39.9	—	—	—
Hand inspectors, n.e.c.	10.14	8.8	40.1	10.14	8.8	40.1	—	—	—

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving	\$13.53	1.6	37.2	\$13.93	1.7	40.6	\$10.13	8.3	21.5
Supervisors, motor vehicle operators	18.02	4.7	42.5	18.12	4.7	42.6	—	—	—
Truck drivers	13.11	2.2	39.7	13.13	2.1	41.4	12.83	19.9	22.8
Driver-sales workers	13.24	5.9	34.6	14.59	5.7	40.6	7.30	11.9	21.1
Bus drivers	13.27	2.3	28.8	14.25	3.3	37.4	11.82	2.1	21.5
Taxicab drivers and chauffeurs	8.67	4.0	26.4	9.26	3.9	39.8	7.25	5.2	14.7
Parking lot attendants	7.86	7.8	32.1	8.68	5.2	40.0	6.16	9.4	22.8
Motor transportation, n.e.c.	7.95	7.4	30.1	9.33	6.6	38.9	5.46	7.9	21.4
Railroad conductors and yardmasters	26.94	4.6	41.2	26.94	4.6	41.2	—	—	—
Locomotive operating	25.57	8.7	40.2	25.57	8.7	40.2	—	—	—
Railroad brake, signal and switch operators	22.49	12.0	40.0	22.49	12.0	40.0	—	—	—
Rail vehicle operators, n.e.c.	19.77	2.2	40.0	19.77	2.2	40.0	—	—	—
Ship captains and mates, except fishing boats ..	19.95	5.3	44.0	20.11	5.0	44.9	—	—	—
Sailors and deckhands	—	—	—	10.66	9.4	52.2	—	—	—
Bridge, lock and lighthouse tenders	12.28	3.0	40.0	12.28	3.0	40.0	—	—	—
Supervisors, material moving equipment	18.05	4.0	40.5	18.05	4.0	40.5	—	—	—
Operating engineers	18.63	5.8	39.9	18.63	5.8	39.9	—	—	—
Longshore equipment operators	28.75	5.7	39.0	29.33	4.9	39.9	—	—	—
Crane and tower operators	17.39	5.7	39.8	17.39	5.7	39.8	—	—	—
Excavating and loading machine operators	15.28	3.9	40.0	15.28	3.9	40.0	—	—	—
Grader, dozer, and scraper operators	15.43	5.9	40.0	15.43	5.9	40.0	—	—	—
Industrial truck and tractor equipment operators	13.61	4.3	39.6	13.66	4.4	39.9	11.28	7.4	28.3
Miscellaneous material moving equipment operators, n.e.c.	15.08	5.0	38.2	15.27	5.1	39.8	11.10	1.8	20.3
Handlers, equipment cleaners, helpers, and laborers	10.37	1.3	35.6	10.79	1.5	39.7	7.79	1.5	21.7
Nursery workers	7.55	2.6	37.1	7.69	2.8	40.0	6.88	1.1	27.5
Supervisors, agriculture-related workers	17.72	6.6	38.8	17.74	6.6	38.9	—	—	—
Groundskeepers and gardeners, except farm ...	10.04	6.3	35.8	10.21	7.0	39.8	8.27	3.3	17.8
Animal caretakers, except farm	10.92	12.0	33.2	11.90	9.8	38.6	6.62	8.9	20.6
Inspectors, agricultural products	8.74	10.9	34.6	9.00	10.9	39.9	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.41	6.4	38.8	17.48	6.4	39.1	—	—	—
Helpers, mechanics and repairers	10.69	3.9	38.6	10.72	4.1	39.7	10.12	3.8	23.9
Helpers, construction trades	10.65	3.3	39.3	10.68	3.3	39.9	9.52	8.5	22.6
Helpers, extractive	9.42	12.1	38.3	9.42	12.1	38.3	—	—	—
Construction laborers	12.35	4.7	39.3	12.36	4.9	39.9	12.02	13.2	26.8
Production helpers	10.27	2.4	38.9	10.31	2.4	39.8	9.17	5.6	22.6
Garbage collectors	13.72	7.7	39.7	13.85	7.8	40.0	—	—	—
Stock handlers and baggers	9.18	2.2	30.0	10.46	2.9	39.7	6.94	1.7	21.0
Machine feeders and offbearers	8.71	9.2	39.0	8.72	9.4	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	11.50	3.3	34.2	11.82	3.6	39.7	10.03	3.0	20.7
Garage and service station related	9.44	6.1	35.3	9.67	6.3	39.1	7.47	12.7	19.3
Vehicle washers and equipment cleaners	8.94	3.8	37.5	9.13	4.1	40.0	7.03	4.5	22.8
Hand packers and packagers	9.70	4.8	37.9	9.87	4.7	39.8	7.40	3.8	22.8
Laborers, except construction, n.e.c.	9.97	1.9	36.5	10.37	2.1	39.6	7.52	2.7	24.6
Service	9.86	1.2	31.7	10.91	1.3	39.0	6.81	1.0	20.6
Protective service	15.99	1.8	37.6	16.68	1.8	40.8	9.05	3.2	20.9
Supervisors, firefighters and fire prevention	23.10	4.6	49.0	23.10	4.6	49.0	—	—	—
Supervisors, police and detectives	26.99	3.2	40.1	26.99	3.2	40.1	—	—	—
Supervisors, guards	17.91	6.5	38.1	18.17	6.5	38.9	—	—	—
Fire inspection and fire prevention	19.17	7.7	38.7	19.20	7.7	41.6	—	—	—
Firefighting	17.16	2.8	46.6	17.22	2.8	48.1	9.36	8.7	9.0
Police and detectives, public service	21.45	1.5	39.4	21.50	1.5	40.0	15.57	13.2	15.1
Sheriffs, bailiffs, and other law enforcement officers	17.52	2.8	38.8	17.59	2.8	39.8	14.96	9.2	20.3
Correctional institution officers	15.91	4.7	39.8	15.94	4.7	39.9	—	—	—
Crossing guards	9.59	4.6	17.1	—	—	—	9.25	4.6	16.5
Guards and police, except public service	9.70	3.4	34.2	9.95	4.0	39.6	8.77	3.8	22.9

See footnotes at end of table.

TABLE 2-1. **United States, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Protective service—Continued									
Protective service, n.e.c.	\$11.46	6.2	26.8	\$12.83	7.9	39.3	\$8.54	9.5	15.9
Food service									
Food service	7.14	1.6	29.0	7.95	1.9	38.5	5.95	1.3	21.3
Waiters, waitresses, and bartenders	4.81	2.9	26.9	5.09	3.9	37.4	4.49	3.5	20.1
Bartenders	6.94	5.3	29.9	7.37	6.5	38.7	6.20	7.5	21.3
Waiters and waitresses	3.96	3.2	26.2	3.95	4.1	36.7	3.96	4.0	20.2
Waiters/Waitresses' assistants	5.90	2.7	26.7	6.30	3.7	38.3	5.33	3.3	18.6
Other food service	8.07	1.5	30.0	8.97	1.7	38.9	6.65	1.1	21.9
Supervisors, food preparation and service	11.73	3.8	39.6	12.17	3.6	42.0	6.92	8.6	24.4
Cooks	8.64	2.3	34.0	9.01	2.2	38.7	7.20	3.5	23.2
Kitchen workers, food preparation	7.66	2.4	29.8	8.28	3.0	38.8	6.89	2.9	23.1
Food preparation, n.e.c.	7.17	1.3	26.5	7.88	1.5	38.3	6.51	1.5	20.6
Health service									
Health service	9.93	1.7	33.6	10.14	1.8	38.8	8.84	2.1	19.8
Dental assistants	12.48	9.1	31.2	12.85	10.0	37.9	—	—	—
Health aides, except nursing	10.81	3.3	34.3	11.07	3.7	39.4	8.90	3.7	17.8
Nursing aides, orderlies and attendants	9.34	1.2	33.7	9.46	1.3	38.7	8.79	2.5	21.1
Cleaning and building service									
Supervisors, cleaning and building service workers	14.15	3.6	39.1	14.27	3.6	39.8	8.44	3.4	20.5
Maids and housemen	8.02	2.4	34.3	8.09	2.6	37.8	7.56	4.1	21.9
Janitors and cleaners	9.85	1.6	32.5	10.52	1.5	39.5	7.23	2.5	19.3
Pest control	10.57	11.5	40.0	10.57	11.5	40.0	—	—	—
Personal service									
Supervisors, personal service	9.80	2.9	29.8	10.65	3.0	37.5	7.54	2.7	19.2
Hairdressers and cosmetologists	—	—	—	—	—	—	9.89	10.1	21.7
Attendants, amusement, and recreation facilities	10.37	5.5	27.6	10.65	5.2	37.8	9.86	8.5	18.5
Guides	6.96	2.7	27.6	7.23	4.3	39.8	6.52	3.4	18.6
Ushers	10.76	11.3	30.2	11.71	10.7	39.9	8.21	9.4	18.3
Public transportation attendants	7.01	5.0	22.2	—	—	—	6.58	3.7	18.4
Baggage porters and bellhops	31.35	5.0	20.7	32.73	4.7	20.7	13.31	19.6	20.9
Welfare service aides	6.10	4.6	36.9	6.04	5.0	39.3	6.54	5.2	24.3
Early childhood teachers' assistants	8.15	5.0	28.2	9.13	3.8	39.4	6.76	6.3	20.1
Child care workers, n.e.c.	7.57	4.3	30.6	7.86	5.5	37.9	6.91	4.5	21.4
Service, n.e.c.	8.91	2.9	29.0	9.22	3.6	39.2	8.24	3.7	18.5
	9.84	5.5	29.0	10.72	6.7	38.9	7.61	2.7	17.7

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

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

³ This survey covers all 50 States. Collection was conducted between March 2000 and

January 2002. The average reference period was January 2001.

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

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$15.46	1.2	35.7	\$16.40	1.3	39.7	\$8.81	1.4	20.7
All, excluding sales	15.67	1.3	36.1	16.44	1.4	39.7	9.27	1.7	20.5
White collar	19.08	1.7	35.9	20.14	1.8	39.8	10.78	1.9	20.3
White collar, excluding sales	20.57	1.8	36.9	21.06	1.9	39.7	14.34	2.4	19.5
Professional specialty and technical	25.56	3.0	35.8	25.97	3.2	39.5	20.73	3.1	17.2
Professional specialty	27.89	3.8	35.8	28.29	4.0	39.7	23.00	3.1	16.4
Engineers, architects, and surveyors	31.50	3.0	40.7	31.50	3.0	40.8	31.47	17.4	23.3
Architects	23.70	6.9	39.7	23.67	6.8	39.8	-	-	-
Aerospace engineers	33.29	5.9	40.1	33.29	5.9	40.1	-	-	-
Metallurgical and materials engineers	32.33	3.5	40.0	32.33	3.5	40.0	-	-	-
Petroleum engineers	37.97	6.2	40.0	37.97	6.2	40.0	-	-	-
Chemical engineers	35.01	3.5	40.2	35.00	3.5	40.3	-	-	-
Nuclear engineers	35.89	2.2	40.0	35.89	2.2	40.0	-	-	-
Civil engineers	28.73	4.5	40.8	28.71	4.5	40.8	-	-	-
Electrical and electronic engineers	34.74	5.0	41.1	34.74	5.0	41.1	-	-	-
Industrial engineers	27.62	3.1	40.6	27.63	3.1	40.7	-	-	-
Mechanical engineers	26.39	3.9	42.2	26.41	4.0	42.3	-	-	-
Engineers, n.e.c.	35.54	5.5	40.4	35.53	5.5	40.4	-	-	-
Surveyors and mapping scientists	32.06	5.0	40.0	32.06	5.0	40.0	-	-	-
Mathematical and computer scientists	31.03	3.0	39.7	31.20	3.0	40.1	-	-	-
Computer systems analysts and scientists	31.10	3.0	39.7	31.31	3.1	40.2	-	-	-
Operations and systems researchers and analysts	30.51	10.3	40.1	30.51	10.3	40.1	-	-	-
Actuaries	35.88	6.9	38.3	35.88	6.9	38.3	-	-	-
Statisticians	27.73	6.4	39.5	27.73	6.4	39.5	-	-	-
Natural scientists	30.95	4.1	39.5	30.97	4.1	39.8	27.75	12.6	17.5
Physicists and astronomers	39.99	7.8	40.0	39.99	7.8	40.0	-	-	-
Chemists, except biochemists	32.47	5.5	39.8	32.47	5.5	39.8	-	-	-
Atmospheric and space scientists	26.46	16.9	40.3	26.46	16.9	40.3	-	-	-
Geologists and geodesists	31.16	10.1	40.1	31.16	10.1	40.1	-	-	-
Agricultural and food scientists	23.65	18.6	39.1	23.65	18.6	39.1	-	-	-
Biological and life scientists	27.52	6.8	39.3	27.59	7.0	39.6	-	-	-
Medical scientists	26.89	7.6	38.3	26.82	7.7	39.4	30.47	20.2	15.5
Health related	28.90	10.5	33.4	29.61	12.3	39.4	25.54	3.0	19.5
Physicians	66.57	22.7	36.8	66.48	23.9	40.6	68.42	5.9	13.0
Dentists	40.04	5.5	29.3	-	-	-	-	-	-
Optometrists	41.38	8.3	36.3	41.32	8.6	39.9	-	-	-
Registered nurses	22.63	1.4	32.7	22.41	1.6	39.0	23.48	1.8	20.2
Pharmacists	33.03	2.4	31.3	34.08	1.1	39.8	28.53	10.9	16.3
Dietitians	19.86	3.0	36.3	19.59	3.5	39.8	21.68	4.8	22.8
Respiratory therapists	19.01	1.9	34.5	18.94	2.1	39.0	19.41	3.2	19.7
Occupational therapists	22.21	7.9	32.0	21.35	9.3	38.8	26.25	4.4	17.5
Physical therapists	23.02	5.1	36.2	22.42	4.9	39.8	28.77	3.8	19.4
Speech therapists	23.51	3.1	34.8	23.06	3.6	39.8	27.81	8.6	15.8
Therapists, n.e.c.	20.24	11.4	35.3	18.01	5.8	39.1	41.27	23.3	18.4
Teachers, college and university	40.74	6.3	29.4	41.83	6.4	38.1	28.73	6.1	8.3
Biological science teachers	41.71	12.9	35.4	40.39	14.1	37.9	-	-	-
Chemistry teachers	52.47	12.6	36.0	52.56	12.6	36.7	-	-	-
Physics teachers	47.91	9.2	37.5	47.94	9.2	38.0	-	-	-
Psychology teachers	46.96	11.6	26.7	49.00	10.5	36.4	23.53	13.2	6.6
Economics teachers	33.12	14.0	37.0	33.12	14.0	37.0	-	-	-
History teachers	37.01	11.3	30.5	37.44	11.5	37.3	-	-	-
Political science teachers	27.09	8.8	41.3	27.09	8.8	41.3	-	-	-
Sociology teachers	32.77	22.0	23.6	-	-	-	-	-	-
Social science teachers, n.e.c.	41.60	10.9	34.6	41.92	11.1	36.9	-	-	-
Engineering teachers	43.01	8.2	33.4	42.02	8.7	36.2	-	-	-
Mathematical science teachers	34.43	7.8	36.6	34.54	7.9	39.4	27.91	22.4	7.0
Computer science teachers	24.90	18.5	25.2	25.19	18.6	38.5	-	-	-
Medical science teachers	48.83	7.7	37.0	50.02	6.9	40.9	-	-	-
Health specialties teachers	40.27	10.5	37.2	40.87	10.5	43.5	-	-	-
Business, commerce, and marketing teachers ..	45.71	9.0	32.4	46.38	9.1	36.5	25.46	14.6	7.4
Art, drama, and music teachers	29.69	7.9	30.3	30.22	7.9	39.0	26.85	7.6	14.0
Physical education teachers	32.68	7.4	33.3	34.06	7.9	37.2	-	-	-

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Teachers, college and university—Continued									
Education teachers	\$38.12	11.5	28.9	\$40.02	11.5	36.5	\$25.60	9.9	12.2
English teachers	33.20	10.6	31.3	33.62	10.8	37.8	23.64	16.4	6.4
Foreign language teachers	32.35	5.0	30.7	33.42	4.4	37.8	—	—	—
Law teachers	56.63	7.0	38.4	56.65	7.1	39.2	—	—	—
Theology teachers	35.71	9.0	37.4	35.71	9.0	37.8	—	—	—
Other post-secondary teachers	44.81	16.6	31.2	46.86	16.8	37.6	24.92	5.8	11.8
Teachers, except college and university	16.75	3.7	33.5	17.04	3.7	38.3	14.19	9.2	15.6
Prekindergarten and kindergarten	10.83	3.7	36.1	11.02	4.4	39.0	9.78	2.8	25.6
Elementary school teachers	19.91	5.6	35.6	19.96	5.5	37.3	18.76	15.2	18.3
Secondary school teachers	25.92	3.5	37.4	26.01	3.5	38.3	21.61	7.0	17.4
Teachers, special education	19.72	6.2	33.6	19.72	6.3	37.6	19.64	10.4	12.1
Teachers, n.e.c.	17.06	7.4	27.6	16.69	7.8	38.7	19.69	9.6	8.9
Substitute teachers	9.11	15.5	18.9	—	—	—	9.11	15.5	18.9
Vocational and educational counselors	16.92	6.3	37.5	16.87	6.5	39.0	18.41	13.6	17.0
Librarians, archivists, and curators	21.40	6.0	37.2	21.56	6.2	38.6	16.13	10.4	17.6
Librarians	21.59	7.4	37.0	21.80	7.6	38.3	16.14	11.6	19.3
Archivists and curators	20.84	9.0	38.0	20.90	9.2	39.4	—	—	—
Social scientists and urban planners	27.02	4.4	36.1	26.80	4.9	39.4	30.65	12.1	15.0
Economists	30.12	5.3	39.7	30.12	5.3	39.7	—	—	—
Psychologists	26.15	7.3	35.2	—	—	—	30.65	12.1	15.3
Social scientists, n.e.c.	33.49	11.9	26.4	33.53	12.0	36.5	—	—	—
Social, recreation, and religious workers	13.54	9.1	33.8	13.55	9.0	39.6	—	—	—
Social workers	13.35	9.3	33.5	13.35	9.2	39.5	—	—	—
Recreation workers	13.90	6.5	36.3	14.04	6.5	38.5	—	—	—
Clergy	18.37	11.9	43.7	18.43	12.3	45.4	—	—	—
Religious workers, n.e.c.	19.00	16.2	35.8	19.52	17.3	39.7	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.22	3.7	32.4	23.71	3.7	39.0	18.81	11.4	12.9
Technical writers	19.58	10.4	38.7	19.31	10.6	40.3	—	—	—
Designers	21.11	7.0	38.7	21.50	6.4	39.5	—	—	—
Musicians and composers	29.57	22.9	13.5	29.83	44.8	30.2	29.35	12.8	9.2
Actors and directors	28.60	20.9	19.6	35.14	23.9	41.3	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.94	18.8	39.1	22.05	19.2	39.9	—	—	—
Photographers	19.17	9.2	39.2	19.22	9.1	40.1	—	—	—
Artists, performers, and related workers, n.e.c.	17.67	21.9	29.9	19.78	26.7	38.9	11.34	16.8	17.6
Editors and reporters	24.19	6.8	39.3	24.23	6.8	39.5	20.67	13.6	25.5
Public relations specialists	23.56	7.0	39.1	23.56	7.0	39.1	—	—	—
Announcers	19.46	47.0	25.9	—	—	—	8.33	14.5	13.3
Athletes	21.73	10.4	23.7	23.00	7.8	39.7	18.20	19.2	11.3
Professional, n.e.c.	30.63	4.0	39.9	30.02	3.6	39.9	—	—	—
Technical	19.59	1.9	35.9	19.98	1.9	38.9	15.36	5.8	19.4
Clinical laboratory technologists and technicians	15.85	4.1	36.5	15.78	4.2	38.3	16.90	6.2	20.5
Dental hygienists	26.55	5.1	21.5	—	—	—	24.28	10.3	13.3
Health record technologists and technicians	11.24	12.2	35.7	11.20	13.4	39.6	11.59	5.5	18.4
Radiological technicians	20.35	3.7	35.5	20.45	4.0	39.7	19.77	3.8	21.9
Licensed practical nurses	14.77	1.3	34.4	14.71	1.5	39.2	15.10	2.1	21.1
Health technologists and technicians, n.e.c.	14.42	5.2	32.0	15.09	5.5	39.5	11.55	6.2	17.6
Electrical and electronic technicians	18.43	5.9	38.8	18.89	5.7	39.9	—	—	—
Industrial engineering technicians	20.10	6.1	40.3	20.10	6.1	40.3	—	—	—
Mechanical engineering technicians	22.85	4.4	40.1	22.86	4.5	40.3	—	—	—
Engineering technicians, n.e.c.	21.43	3.5	39.8	21.46	3.5	40.0	—	—	—
Drafters	19.91	3.1	40.0	19.91	3.1	40.0	—	—	—
Surveying and mapping technicians	16.01	8.8	40.0	16.01	8.8	40.0	—	—	—
Biological technicians	17.76	6.9	38.0	17.50	7.1	39.5	—	—	—
Chemical technicians	17.70	4.0	39.9	17.70	4.0	39.9	—	—	—
Science technicians, n.e.c.	20.08	9.4	39.9	20.06	9.5	40.0	—	—	—

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Airplane pilots and navigators	\$102.97	9.1	21.1	\$108.93	7.4	21.7	—	—	—
Broadcast equipment operators	14.38	14.7	35.3	15.49	16.0	40.0	\$8.77	7.9	22.2
Computer programmers	24.61	3.5	38.7	24.49	3.5	39.6	—	—	—
Tool programmers, numerical control	17.81	5.5	40.1	17.81	5.5	40.1	—	—	—
Legal assistants	17.65	3.8	38.5	17.71	3.8	39.1	—	—	—
Technical and related, n.e.c.	19.62	4.3	37.9	20.24	3.9	39.9	11.98	14.9	23.6
Executive, administrative, and managerial									
Executives, administrators, and managers	31.59	2.7	41.0	31.71	2.7	41.4	19.46	10.4	20.7
Administrators and officials, public administration	29.60	9.5	39.6	29.60	9.5	39.6	—	—	—
Financial managers	33.98	9.4	40.2	34.02	9.4	40.5	—	—	—
Personnel and labor relations managers	28.96	13.3	42.3	28.96	13.3	42.3	—	—	—
Managers, marketing, advertising, and public relations	37.50	3.4	41.0	37.52	3.4	41.0	—	—	—
Administrators, education and related fields	23.48	6.3	37.9	23.89	6.5	40.4	—	—	—
Managers, medicine and health	31.23	3.9	39.1	31.30	3.9	40.0	28.01	11.1	19.4
Managers, food servicing and lodging establishments	16.51	5.0	42.9	16.76	5.0	44.2	10.35	2.7	24.2
Managers, properties and real estate	20.07	7.3	39.5	20.13	7.4	40.0	—	—	—
Managers, service organizations, n.e.c.	27.44	8.3	38.2	27.82	8.7	40.1	22.21	17.4	23.2
Managers and administrators, n.e.c.	33.22	3.9	41.7	33.25	3.9	41.8	14.49	27.6	18.1
Management related	24.25	2.7	39.2	24.14	2.7	39.8	31.98	31.2	17.8
Accountants and auditors	22.81	3.8	38.7	22.08	2.2	39.6	52.65	36.1	20.1
Underwriters	24.02	7.4	38.6	24.02	7.4	38.6	—	—	—
Other financial officers	25.15	4.6	39.4	25.14	4.6	39.4	—	—	—
Management analysts	28.22	3.5	37.4	28.57	3.4	39.9	—	—	—
Personnel, training, and labor relations specialists	22.31	3.8	38.8	22.36	3.8	39.8	—	—	—
Purchasing agents and buyers, farm products ..	27.93	17.4	39.4	27.93	17.4	39.4	—	—	—
Buyers, wholesale and retail trade, except farm products	21.58	6.4	40.1	21.64	6.4	40.5	—	—	—
Purchasing agents and buyers, n.e.c.	27.07	5.8	39.9	27.08	5.8	39.9	—	—	—
Construction inspectors	20.71	5.7	40.6	20.71	5.7	40.6	—	—	—
Inspectors and compliance officers, except construction	25.17	3.4	40.1	25.52	3.4	40.8	—	—	—
Management related, n.e.c.	25.45	7.2	39.6	25.55	7.3	40.3	18.87	11.2	18.2
Sales									
Supervisors, sales	16.57	3.8	40.8	16.71	3.9	41.4	10.33	28.1	24.8
Insurance sales	22.08	6.4	39.5	22.14	6.5	39.7	—	—	—
Real estate sales	19.29	10.2	35.6	19.76	10.5	37.7	—	—	—
Securities and financial services sales	31.70	9.7	40.0	31.74	9.7	40.0	—	—	—
Advertising and related sales	21.58	7.7	38.5	21.86	7.5	39.5	10.73	9.7	19.2
Sales, other business services	19.98	7.8	37.1	21.01	7.8	40.1	8.09	16.8	19.5
Sales engineers	34.85	7.0	40.7	34.85	7.0	40.7	—	—	—
Sales representatives, mining, manufacturing, and wholesale	24.60	5.0	40.4	24.72	5.1	40.5	—	—	—
Sales workers, motor vehicles and boats	18.58	6.0	45.7	18.58	6.0	45.7	—	—	—
Sales workers, apparel	10.06	18.1	25.2	13.93	28.7	38.1	7.24	2.4	20.2
Sales workers, shoes	7.60	5.3	24.4	8.15	6.1	39.4	7.23	7.4	19.3
Sales workers, furniture and home furnishings ..	12.39	12.3	30.3	15.55	12.4	40.6	7.32	5.1	21.6
Sales workers, radio, tv, hi-fi, and appliances ..	—	—	—	—	—	—	7.42	3.8	22.4
Sales workers, hardware and building supplies ..	13.01	5.9	38.6	13.44	6.4	41.1	9.32	2.9	25.0
Sales workers, parts	12.94	6.0	38.5	13.55	5.1	40.7	6.54	2.6	24.5
Sales workers, other commodities	10.95	6.8	30.1	13.04	7.7	39.7	7.12	1.7	20.9
Sales counter clerks	7.29	3.3	30.0	7.92	4.0	39.2	6.29	3.0	21.8
Cashiers	7.60	1.3	27.5	8.25	1.8	38.9	6.98	1.4	21.5
Street and door-to-door sales workers	14.80	34.1	26.0	21.64	26.8	39.3	—	—	—
News vendors	10.46	9.3	27.4	—	—	—	9.81	5.7	26.8

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Demonstrators, promoters, and models, sales ..	\$29.82	30.1	27.0	—	—	—	\$8.20	6.5	13.5
Sales support, n.e.c.	12.39	5.4	34.2	\$13.89	5.3	40.4	8.01	5.6	23.6
Administrative support, including clerical									
Supervisors, general office	12.72	1.4	36.4	13.04	1.5	39.4	9.77	1.7	21.2
Supervisors, computer equipment operators	17.05	3.7	39.3	17.07	3.7	39.9	—	—	—
Supervisors, financial records processing	24.81	7.2	39.8	24.81	7.2	39.8	—	—	—
Chief communications operators	18.81	3.5	39.4	18.81	3.5	39.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.58	10.2	40.0	19.58	10.2	40.0	—	—	—
Computer operators	18.51	3.7	40.6	18.53	3.8	40.8	—	—	—
Peripheral equipment operators	15.40	3.2	38.9	15.45	3.2	39.4	11.07	18.6	17.8
Secretaries	11.61	5.9	39.0	11.58	6.1	39.9	—	—	—
Stenographers	14.82	4.2	37.5	15.00	4.3	38.8	11.68	3.6	23.1
Typists	13.82	5.6	35.4	13.75	6.1	40.1	—	—	—
Interviewers	12.78	3.4	36.4	12.97	3.7	38.4	10.87	5.3	23.5
Hotel clerks	10.15	4.3	27.5	11.36	3.2	39.5	8.58	4.1	19.8
Transportation ticket and reservation agents	8.76	3.7	36.3	8.91	3.9	40.2	7.78	4.9	22.5
Receptionists	13.57	4.3	36.2	13.75	4.4	39.6	12.49	5.8	23.9
Information clerks, n.e.c.	10.25	2.4	33.7	10.57	2.6	39.0	8.61	3.5	19.9
Classified ad clerks	12.03	4.5	35.5	12.51	4.1	39.1	9.73	4.3	24.6
Correspondence clerks	12.36	9.8	38.1	12.47	9.4	39.5	—	—	—
Order clerks	12.26	3.4	35.6	12.36	3.7	39.6	—	—	—
Personnel clerks, except payroll and timekeeping	13.09	2.3	37.1	13.49	2.0	39.6	9.03	7.3	22.5
Library clerks	14.92	2.6	38.9	14.94	2.7	39.7	14.41	7.1	23.5
File clerks	11.50	5.3	31.4	12.06	4.8	38.2	9.22	9.6	18.3
Records clerks, n.e.c.	9.08	3.3	35.5	9.26	4.0	39.4	7.94	4.3	21.8
Bookkeepers, accounting and auditing clerks	12.55	2.6	37.6	12.76	2.6	39.3	9.56	5.4	23.1
Payroll and timekeeping clerks	11.77	5.3	37.4	11.96	6.0	39.6	9.81	5.2	23.5
Billing clerks	14.23	3.4	34.3	14.38	3.5	39.7	12.24	16.0	12.2
Cost and rate clerks	10.80	4.2	38.0	10.75	4.3	39.8	—	—	—
Billing, posting, and calculating machine operators	16.38	16.6	40.1	16.38	16.6	40.1	—	—	—
Duplicating machine operators	10.42	4.8	31.8	10.80	6.6	35.1	9.42	3.3	25.5
Mail preparing and paper handling machine operators	11.97	5.0	38.8	12.36	4.6	39.7	8.53	8.9	32.2
Office machine operators, n.e.c.	10.67	7.6	34.5	11.22	7.2	39.6	—	—	—
Telephone operators	8.75	4.9	38.9	8.75	5.1	39.8	—	—	—
Communications equipment operators, n.e.c.	12.35	4.0	35.3	12.91	4.2	39.2	9.01	3.5	22.1
Mail clerks, except postal service	8.55	12.3	28.6	9.23	13.6	40.0	—	—	—
Messengers	10.01	6.7	35.5	10.30	8.0	38.6	7.71	5.2	21.8
Dispatchers	9.52	6.1	30.3	9.86	6.8	39.6	8.80	14.4	20.4
Production coordinators	12.60	5.7	39.1	12.66	5.8	40.2	9.61	7.4	16.5
Traffic, shipping and receiving clerks	17.11	2.8	38.8	17.25	2.8	39.8	—	—	—
Stock and inventory clerks	12.26	3.7	38.0	12.36	3.8	39.8	—	—	—
Meter readers	11.80	2.7	35.3	12.26	2.7	39.8	8.40	3.9	19.4
Weighers, measurers, checkers, and samplers	15.03	4.8	38.9	15.06	4.9	40.0	—	—	—
Expeditors	13.65	7.8	38.4	13.87	8.0	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.81	4.6	37.0	14.34	4.2	39.9	9.17	7.5	22.7
Insurance adjusters, examiners, and investigators	15.18	10.6	38.0	15.26	11.0	39.9	14.03	35.1	22.9
Investigators and adjusters, except insurance	17.59	4.1	38.2	17.71	3.9	39.0	—	—	—
Eligibility clerks, social welfare	13.41	2.3	38.8	13.45	2.4	39.7	12.30	7.2	22.7
Bill and account collectors	14.83	10.7	39.7	14.84	10.7	39.8	—	—	—
General office clerks	12.27	4.7	37.9	12.39	4.6	39.1	9.36	5.1	21.7
Bank tellers	11.57	1.6	34.8	11.91	1.7	39.3	9.32	3.0	19.6
Proofreaders	9.69	2.2	33.8	9.92	2.3	39.2	8.72	2.5	21.6
Data entry keyers	12.24	7.9	38.3	12.32	8.1	39.4	—	—	—
Statistical clerks	11.09	2.5	35.4	11.13	2.4	39.5	10.93	8.5	23.6
	12.61	6.2	38.1	12.69	6.5	39.4	10.51	6.9	20.8

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Teachers' aides	\$8.83	3.2	26.5	\$8.80	3.7	36.1	\$8.88	5.5	18.7
Administrative support, n.e.c.	12.24	2.3	35.4	12.55	2.1	39.5	10.08	9.6	20.6
Blue collar	13.61	1.2	38.2	13.91	1.3	40.0	8.63	3.4	21.9
Precision production, craft, and repair									
Supervisors, mechanics and repairers	17.21	1.5	39.6	17.25	1.5	39.9	13.71	13.7	21.4
Automobile mechanics	16.91	14.4	40.4	16.91	14.5	40.4	—	—	—
Automobile mechanic apprentices	16.16	4.0	40.3	16.16	4.0	40.4	—	—	—
Bus, truck, and stationary engine mechanics	11.24	8.4	35.8	11.07	9.7	40.1	—	—	—
Aircraft engine mechanics	14.37	6.4	39.7	14.41	6.6	40.1	—	—	—
Small engine repairers	22.03	3.7	40.0	22.04	3.7	40.0	—	—	—
Automobile body and related repairers	13.07	4.7	39.7	13.10	4.7	40.0	—	—	—
Aircraft mechanics, except engine	19.15	10.1	40.4	19.15	10.1	40.4	—	—	—
Heavy equipment mechanics	20.64	5.7	40.0	20.64	5.7	40.0	—	—	—
Farm equipment mechanics	18.17	5.6	39.9	18.18	5.6	39.9	—	—	—
Industrial machinery repairers	13.08	4.8	40.6	13.08	4.8	40.6	—	—	—
Machinery maintenance	18.33	2.4	39.8	18.33	2.4	39.8	—	—	—
Electronic repairers, communications and industrial equipment	14.03	5.4	38.3	14.50	4.4	39.9	—	—	—
Data processing equipment repairers	19.78	3.0	37.5	19.86	3.1	39.9	—	—	—
Household appliance and power tool repairers	17.63	9.8	38.5	17.76	9.6	39.8	—	—	—
Telephone line installers and repairers	13.61	7.5	39.2	13.61	7.6	39.5	—	—	—
Telephone installers and repairers	21.65	2.7	39.9	21.65	2.7	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.25	3.1	40.0	19.25	3.1	40.0	—	—	—
Office machine repairers	15.79	3.5	39.9	15.67	3.5	40.0	—	—	—
Mechanical controls and valve repairers	14.43	12.0	40.0	14.43	12.0	40.0	—	—	—
Elevator installers and repairers	21.40	5.4	40.0	21.40	5.4	40.0	—	—	—
Millwrights	25.97	7.5	40.0	25.97	7.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	21.03	6.1	40.0	21.03	6.1	40.0	—	—	—
Supervisors, carpenters and related workers	16.03	2.6	39.4	16.10	2.6	40.0	10.39	29.5	20.0
Supervisors, electricians and power transmission installers	24.23	7.3	40.1	24.23	7.3	40.1	—	—	—
Supervisors, painters, paperhangers, and plasterers	26.07	4.4	40.2	26.07	4.4	40.2	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	19.00	3.4	40.2	19.00	3.4	40.2	—	—	—
Supervisors, construction trades, n.e.c.	25.78	6.8	40.0	25.78	6.8	40.0	—	—	—
Brickmasons and stonemasons	21.27	5.0	40.1	21.27	5.0	40.1	—	—	—
Brickmason and stonemason apprentices	20.90	9.4	39.1	20.90	9.4	39.1	—	—	—
Tile setters, hard and soft	10.09	8.2	40.0	10.09	8.2	40.0	—	—	—
Carpet installers	25.42	4.6	34.2	—	—	—	—	—	—
Carpenters	19.15	10.9	39.5	19.15	10.9	39.5	—	—	—
Carpenter apprentices	17.27	3.6	39.8	17.27	3.6	39.9	—	—	—
Drywall installers	15.03	7.7	40.0	15.03	7.7	40.0	—	—	—
Electricians	20.86	14.1	38.9	20.88	14.1	39.0	—	—	—
Electrician apprentices	20.43	4.8	39.8	20.43	4.8	39.8	—	—	—
Electrical power installers and repairers	13.88	5.9	40.0	13.88	5.9	40.0	—	—	—
Painters, construction and maintenance	23.77	3.0	40.0	23.77	3.0	40.0	—	—	—
Plumbers, pipefitters and steamfitters	13.54	5.1	39.5	13.54	5.1	39.6	—	—	—
Plumber, pipefitter, and steamfitter apprentices	21.40	5.1	39.5	21.03	5.0	39.7	—	—	—
Concrete and terrazzo finishers	17.55	14.4	39.9	17.55	14.4	39.9	—	—	—
Glaziers	16.27	11.7	37.7	16.24	11.8	38.0	—	—	—
Insulation workers	13.86	5.9	38.2	13.85	6.2	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	13.56	7.8	38.0	13.65	7.9	39.9	—	—	—
Roofers	11.44	14.8	40.0	11.44	14.8	40.0	—	—	—
Sheetmetal duct installers	14.22	10.6	39.0	14.22	10.6	39.0	—	—	—
Structural metal workers	21.62	9.1	40.0	21.62	9.1	40.0	—	—	—
	15.95	5.3	38.7	15.95	5.3	38.7	—	—	—

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Construction trades, n.e.c.	\$15.56	6.5	39.6	\$15.62	6.6	39.8	—	—	—
Supervisors, extractive	23.55	16.9	41.2	23.55	16.9	41.2	—	—	—
Drillers, oil well	15.98	31.2	40.0	15.98	31.2	40.0	—	—	—
Mining machine operators	17.23	14.1	40.0	17.23	14.1	40.0	—	—	—
Mining, n.e.c.	22.71	3.4	39.2	22.71	3.4	39.2	—	—	—
Supervisors, production	19.94	2.7	40.4	19.94	2.7	40.4	—	—	—
Tool and die makers	22.02	2.8	40.2	22.02	2.8	40.2	—	—	—
Tool and die maker apprentices	16.03	11.3	39.8	16.03	11.3	39.8	—	—	—
Precision assemblers, metal	18.16	3.1	40.0	18.16	3.1	40.0	—	—	—
Machinists	16.83	3.9	39.9	16.83	3.9	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	18.06	7.1	40.0	18.06	7.1	40.0	—	—	—
Patternmakers and modelmakers, metal	19.89	8.7	40.0	19.89	8.7	40.0	—	—	—
Layout workers	15.59	3.9	40.0	15.59	3.9	40.0	—	—	—
Precious stones and metals workers	12.94	17.7	40.0	12.94	17.7	40.0	—	—	—
Engravers, metal	14.58	28.6	39.1	—	—	—	—	—	—
Sheet metal workers	17.34	4.9	40.0	17.34	4.9	40.0	—	—	—
Sheet metal worker apprentices	13.01	11.6	37.0	13.01	11.6	37.0	—	—	—
Cabinet makers and bench carpenters	13.26	12.7	39.1	13.40	12.3	39.9	—	—	—
Furniture and wood finishers	12.05	4.6	40.0	12.05	4.6	40.0	—	—	—
Dressmakers	11.70	6.4	38.2	11.70	6.4	38.2	—	—	—
Tailors	11.79	5.7	36.9	12.21	5.1	39.8	—	—	—
Upholsterers	13.70	12.8	40.0	13.70	12.8	40.0	—	—	—
Hand molders and shapers, except jewelers	16.81	6.6	40.0	16.81	6.6	40.0	—	—	—
Patternmakers, layout workers, and cutters	13.87	9.2	40.0	13.87	9.2	40.0	—	—	—
Optical goods workers	11.58	11.1	39.3	11.58	11.3	39.9	—	—	—
Dental laboratory and medical appliance technicians	14.97	2.8	38.9	14.97	2.8	38.9	—	—	—
Bookbinders	12.59	5.0	39.8	12.59	5.0	39.8	—	—	—
Electrical and electronic equipment assemblers	11.45	3.4	39.8	11.47	3.4	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.34	8.3	39.7	14.38	8.3	39.9	—	—	—
Precision food production	16.40	25.4	36.4	16.40	25.4	36.4	—	—	—
Butchers and meat cutters	10.92	4.5	37.4	10.93	4.7	40.0	\$10.73	12.9	17.7
Bakers	10.11	9.3	32.6	10.23	11.8	35.5	—	—	—
Food batchmakers	10.84	5.6	38.5	10.86	5.8	40.0	—	—	—
Inspectors, testers, and graders	17.23	4.9	40.3	17.23	4.9	40.3	—	—	—
Precision inspectors, testers, and related workers, n.e.c.	20.62	5.4	40.0	20.62	5.4	40.0	—	—	—
Adjusters and calibrators	19.18	20.7	39.7	19.16	20.9	40.0	—	—	—
Water and sewer treatment plant operators	13.21	11.9	40.0	13.21	11.9	40.0	—	—	—
Power plant operators	24.05	3.7	39.8	24.05	3.7	39.8	—	—	—
Stationary engineers	19.44	3.3	39.9	19.44	3.3	39.9	—	—	—
Miscellaneous plant and system operators, n.e.c.	21.29	9.3	39.1	21.29	9.3	39.1	—	—	—
Machine operators, assemblers, and inspectors	12.28	1.8	39.2	12.38	1.8	39.8	8.15	2.8	23.8
Lathe and turning machine set-up operators	14.79	3.7	40.0	14.79	3.7	40.0	—	—	—
Lathe and turning machine operators	14.89	4.9	39.9	14.89	4.9	39.9	—	—	—
Milling and planing machine operators	13.75	8.0	39.7	13.75	8.0	39.7	—	—	—
Punching and stamping press operators	12.37	7.9	38.4	12.57	7.1	40.0	—	—	—
Rolling machine operators	15.48	11.2	40.0	15.48	11.2	40.0	—	—	—
Drilling and boring machine operators	12.33	13.3	40.0	12.33	13.3	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.69	3.4	39.3	12.76	3.3	39.9	—	—	—
Forging machine operators	14.09	4.9	39.8	14.09	4.9	39.8	—	—	—
Numerical control machine operators	14.79	3.1	40.0	14.79	3.1	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.91	3.8	39.0	14.30	3.0	39.9	—	—	—
Molding and casting machine operators	11.49	4.2	39.8	11.55	4.2	39.8	—	—	—
Metal plating machine operators	13.52	3.7	39.5	13.52	3.7	39.5	—	—	—
Heat treating equipment operators	14.94	7.1	39.9	14.94	7.1	39.9	—	—	—
Wood lathe, routing, and planing machine operators	9.44	12.0	39.5	9.39	12.1	39.7	—	—	—

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Sawing machine operators	\$11.03	7.0	39.7	\$11.06	7.0	40.0	—	—	—
Shaping and jointing machine operators	11.16	4.8	40.0	11.16	4.8	40.0	—	—	—
Printing press operators	14.33	3.9	39.3	14.29	3.9	39.5	—	—	—
Photoengravers and lithographers	17.22	8.0	38.9	17.24	8.0	39.0	—	—	—
Typesetters and compositors	14.03	7.6	34.2	14.03	8.2	37.9	—	—	—
Winding and twisting machine operators	12.77	7.0	39.9	12.78	7.0	39.9	—	—	—
Knitting, looping, taping, and weaving machine operators	12.00	3.1	40.0	12.00	3.1	40.0	—	—	—
Textile cutting machine operators	9.13	7.4	40.0	9.13	7.4	40.0	—	—	—
Textile sewing machine operators	7.93	5.2	39.3	8.02	5.3	39.9	—	—	—
Shoe machine operators	10.05	11.2	40.0	10.05	11.2	40.0	—	—	—
Pressing machine operators	8.47	4.7	38.5	8.51	4.7	39.9	—	—	—
Laundering and dry cleaning machine operators	7.77	4.7	37.8	7.80	5.0	39.1	\$7.10	5.2	23.2
Cementing and gluing machine operators	10.54	8.2	40.0	10.54	8.2	40.0	—	—	—
Packaging and filling machine operators	12.32	4.1	39.4	12.43	3.9	39.9	—	—	—
Extruding and forming machine operators	12.42	4.9	39.6	12.42	4.9	39.6	—	—	—
Mixing and blending machine operators	14.29	5.1	39.7	14.29	5.1	39.7	—	—	—
Separating, filtering, and clarifying machine operators	17.04	4.3	39.8	17.04	4.3	39.8	—	—	—
Compressing and compacting machine operators	11.13	3.0	35.2	11.19	3.0	35.6	—	—	—
Painting and paint spraying machine operators	14.32	12.8	40.0	14.32	12.8	40.0	—	—	—
Roasting and baking machine operators, food ..	9.95	4.0	38.9	9.97	4.1	40.0	—	—	—
Washing, cleaning, and pickling machine operators	9.51	6.5	30.8	10.81	5.7	40.0	—	—	—
Folding machine operators	12.55	6.2	39.7	12.55	6.2	39.7	—	—	—
Furnace, kiln, and oven operators, except food ..	14.12	5.3	40.0	14.12	5.3	40.0	—	—	—
Crushing and grinding machine operators	12.91	7.3	40.0	12.91	7.3	40.0	—	—	—
Slicing and cutting machine operators	13.26	4.6	39.9	13.26	4.6	39.9	—	—	—
Photographic process machine operators	11.22	5.1	31.5	12.85	6.3	39.9	8.16	4.0	22.5
Miscellaneous machine operators, n.e.c.	12.26	4.0	39.4	12.30	4.0	39.9	8.25	4.9	18.1
Welders and cutters	14.89	2.9	39.8	14.95	2.9	40.0	8.73	9.4	24.2
Solders and braziers	10.30	10.0	40.0	10.30	10.0	40.0	—	—	—
Assemblers	12.19	4.6	39.1	12.34	4.7	39.9	8.15	4.5	25.0
Hand cutting and trimming	8.40	7.8	40.0	8.40	7.8	40.0	—	—	—
Hand molding, casting, and forming	11.99	3.6	39.8	12.03	3.4	40.0	—	—	—
Hand painting, coating, and decorating	10.40	6.8	40.0	10.40	6.8	40.0	—	—	—
Hand engraving and printing	12.25	4.3	35.5	—	—	—	—	—	—
Miscellaneous hand working, n.e.c.	11.32	4.6	39.1	11.39	4.6	39.6	—	—	—
Production inspectors, checkers and examiners ..	12.63	4.5	39.6	12.65	4.5	39.7	—	—	—
Production testers	12.70	4.0	39.9	12.70	4.0	39.9	—	—	—
Production samplers and weighers	14.38	8.2	39.8	14.38	8.2	39.8	—	—	—
Graders and sorters, except agricultural	10.10	6.3	39.9	10.15	6.3	39.9	—	—	—
Hand inspectors, n.e.c.	10.14	8.8	40.1	10.14	8.8	40.1	—	—	—
Transportation and material moving	13.37	1.8	37.5	13.79	1.8	40.8	9.65	10.4	21.7
Supervisors, motor vehicle operators	18.19	4.8	43.2	18.31	4.7	43.4	—	—	—
Truck drivers	13.05	2.3	39.7	13.06	2.2	41.5	12.87	20.0	22.9
Driver-sales workers	13.23	5.9	34.6	14.59	5.7	40.6	7.30	11.9	21.1
Bus drivers	11.73	3.2	28.2	12.42	6.1	38.2	11.03	2.6	22.3
Taxicab drivers and chauffeurs	8.70	4.1	26.1	9.34	3.9	39.9	7.23	5.4	14.5
Parking lot attendants	7.85	7.8	32.1	8.67	5.2	40.0	6.16	9.4	22.8
Motor transportation, n.e.c.	7.44	7.0	29.6	8.66	5.9	38.8	5.46	7.9	21.4
Railroad conductors and yardmasters	26.93	4.8	41.2	26.93	4.8	41.2	—	—	—
Locomotive operating	27.88	9.7	40.3	27.88	9.7	40.3	—	—	—
Railroad brake, signal and switch operators	23.13	14.2	40.0	23.13	14.2	40.0	—	—	—
Ship captains and mates, except fishing boats ..	19.60	6.3	44.5	19.76	6.0	45.4	—	—	—
Sailors and deckhands	—	—	—	9.63	4.6	54.6	—	—	—
Supervisors, material moving equipment	18.05	4.1	40.6	18.05	4.1	40.6	—	—	—
Operating engineers	20.82	4.4	39.8	20.82	4.4	39.8	—	—	—

See footnotes at end of table.

TABLE 2-2. Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Longshore equipment operators	\$29.14	5.2	39.0	\$29.78	4.2	39.9	—	—	—
Crane and tower operators	17.34	5.8	39.8	17.34	5.8	39.8	—	—	—
Excavating and loading machine operators	15.41	4.1	40.0	15.41	4.1	40.0	—	—	—
Grader, dozer, and scrapper operators	16.59	7.3	40.0	16.59	7.3	40.0	—	—	—
Industrial truck and tractor equipment operators	13.62	4.4	39.6	13.67	4.4	39.9	\$11.28	7.4	28.3
Miscellaneous material moving equipment operators, n.e.c.	15.24	5.7	38.0	15.46	5.9	39.9	11.10	1.8	20.4
Handlers, equipment cleaners, helpers, and laborers									
Nursery workers	7.57	2.6	37.0	7.72	2.7	40.0	6.88	1.1	27.5
Supervisors, agriculture-related workers	16.90	8.7	38.4	16.90	8.7	38.4	—	—	—
Groundskeepers and gardeners, except farm ...	9.32	7.9	35.2	9.45	8.8	39.9	8.05	4.2	16.4
Animal caretakers, except farm	9.40	9.7	31.2	10.43	8.2	38.5	6.56	9.0	20.4
Inspectors, agricultural products	8.72	11.1	38.8	9.00	10.9	39.9	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.43	7.4	38.6	17.51	7.5	38.9	—	—	—
Helpers, mechanics and repairers	10.14	3.9	38.5	10.14	4.1	39.8	10.14	4.0	24.2
Helpers, construction trades	10.58	3.4	39.3	10.60	3.4	39.9	9.52	8.5	22.6
Helpers, extractive	9.42	12.1	38.3	9.42	12.1	38.3	—	—	—
Construction laborers	12.39	5.2	39.3	12.39	5.4	39.9	12.41	13.3	26.7
Production helpers	10.27	2.4	39.0	10.30	2.4	39.8	9.12	6.3	23.2
Stock handlers and baggers	9.18	2.2	30.0	10.45	2.9	39.7	6.94	1.7	21.0
Machine feeders and offbearers	8.71	9.2	39.0	8.72	9.5	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	11.51	3.3	34.1	11.83	3.7	39.7	10.03	3.0	20.7
Garage and service station related	9.27	6.3	35.4	9.57	6.5	39.1	6.60	4.4	19.0
Vehicle washers and equipment cleaners	8.90	3.8	37.5	9.08	4.1	40.1	7.04	4.5	22.9
Hand packers and packagers	9.70	4.8	37.9	9.87	4.7	39.8	7.40	3.8	22.8
Laborers, except construction, n.e.c.	9.76	2.1	36.3	10.15	2.2	39.6	7.52	2.7	24.7
Service									
Protective service	9.83	3.3	33.6	10.17	3.8	39.6	8.56	3.7	21.7
Supervisors, guards	15.15	7.8	38.0	15.27	7.8	38.5	—	—	—
Guards and police, except public service	9.49	3.6	34.2	9.73	4.2	39.7	8.67	4.0	23.0
Protective service, n.e.c.	8.25	6.2	21.5	9.05	9.8	38.9	7.07	4.3	13.0
Food service	6.99	1.8	29.0	7.79	2.1	38.7	5.84	1.3	21.3
Waiters, waitresses, and bartenders	4.80	2.9	26.9	5.06	3.9	37.4	4.48	3.5	20.2
Bartenders	6.94	5.3	30.0	7.37	6.5	38.7	6.19	7.5	21.5
Waiters and waitresses	3.94	3.2	26.2	3.93	4.0	36.7	3.96	4.0	20.2
Waiters/Waitresses' assistants	5.86	2.7	26.8	6.24	3.6	38.3	5.31	3.3	18.7
Other food service	7.93	1.6	30.0	8.84	1.8	39.2	6.51	1.1	21.9
Supervisors, food preparation and service	11.57	4.2	39.8	12.04	4.0	42.4	6.81	8.6	24.5
Cooks	8.52	2.5	34.1	8.90	2.4	38.9	7.08	3.5	23.1
Kitchen workers, food preparation	7.54	2.5	29.7	8.22	3.3	39.2	6.74	2.9	23.1
Food preparation, n.e.c.	6.98	1.4	26.4	7.69	1.6	38.5	6.34	1.5	20.6
Health service	9.63	1.9	33.2	9.82	2.1	38.7	8.70	2.1	19.7
Dental assistants	12.50	9.3	31.1	12.88	10.1	37.9	—	—	—
Health aides, except nursing	10.49	3.9	34.0	10.77	4.4	39.4	8.63	3.9	17.8
Nursing aides, orderlies and attendants	8.95	1.2	33.2	9.02	1.3	38.6	8.67	2.4	21.1
Cleaning and building service	9.24	1.6	32.2	9.80	1.8	39.0	7.17	2.2	19.6
Supervisors, cleaning and building service workers	13.30	3.6	38.8	13.45	3.7	39.8	8.44	3.4	20.5
Maids and housemen	8.00	2.4	34.2	8.09	2.7	37.7	7.48	4.1	22.0
Janitors and cleaners	9.30	2.1	30.9	10.07	2.2	39.4	7.10	2.5	19.2
Pest control	10.43	11.8	40.0	10.43	11.8	40.0	—	—	—
Personal service	9.73	3.3	30.0	10.62	3.4	37.5	7.25	3.1	19.2
Supervisors, personal service	—	—	—	—	—	—	10.19	11.6	20.8
Hairdressers and cosmetologists	10.37	5.5	27.6	10.65	5.2	37.8	9.86	8.5	18.5
Attendants, amusement, and recreation facilities	6.77	2.5	28.3	7.09	3.7	39.8	6.15	3.8	18.1

See footnotes at end of table.

TABLE 2-2. **Private industry, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service —Continued									
Guides	\$10.85	11.3	30.8	\$11.76	10.7	39.9	\$8.27	10.1	18.7
Ushers	7.01	5.0	22.3	—	—	—	6.58	3.7	18.5
Public transportation attendants	33.26	4.6	19.9	34.07	4.3	19.9	15.35	32.9	18.7
Baggage porters and bellhops	6.10	4.6	36.9	6.04	5.0	39.3	6.54	5.2	24.3
Welfare service aides	7.71	5.1	27.2	8.60	4.1	39.4	6.71	6.1	20.1
Early childhood teachers' assistants	6.98	4.6	30.5	7.30	6.4	38.1	6.30	3.7	21.5
Child care workers, n.e.c.	8.32	2.5	31.2	8.67	2.3	39.9	7.31	3.2	19.0
Service, n.e.c.	9.75	5.9	28.9	10.63	7.3	38.9	7.55	2.9	17.7

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

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

³ This survey covers all 50 States. Collection was conducted between March 2000 and

January 2002. The average reference period was January 2001.

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

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$20.56	0.8	36.7	\$20.98	0.8	38.8	\$13.65	2.3	19.3
All, excluding sales	20.59	.8	36.7	20.99	.8	38.8	13.70	2.3	19.3
White collar	23.20	.8	36.5	23.52	.8	38.3	16.66	3.1	18.6
White collar, excluding sales	23.25	.8	36.5	23.56	.8	38.3	16.80	3.1	18.6
Professional specialty and technical	27.50	.8	36.0	27.74	.8	37.8	21.83	3.4	16.9
Professional specialty	28.77	.8	35.8	29.00	.8	37.6	22.93	3.2	16.3
Engineers, architects, and surveyors	27.69	1.9	39.3	27.71	1.9	39.4	-	-	-
Architects	28.13	4.3	39.1	28.13	4.3	39.1	-	-	-
Civil engineers	28.36	2.9	39.2	28.42	2.9	39.3	-	-	-
Electrical and electronic engineers	29.06	6.2	40.3	29.06	6.2	40.3	-	-	-
Industrial engineers	21.33	7.2	39.7	21.33	7.2	39.7	-	-	-
Engineers, n.e.c.	26.93	4.7	39.6	26.93	4.7	39.6	-	-	-
Mathematical and computer scientists	24.17	2.8	39.4	24.19	2.8	39.7	-	-	-
Computer systems analysts and scientists	24.23	2.9	39.4	24.25	2.9	39.7	-	-	-
Natural scientists	22.05	4.4	39.7	22.06	4.4	39.8	-	-	-
Chemists, except biochemists	27.79	4.2	40.2	27.88	4.2	40.0	-	-	-
Geologists and geodesists	25.78	15.2	40.0	25.78	15.2	40.0	-	-	-
Physical scientists, n.e.c.	23.15	4.8	39.7	23.15	4.8	39.7	-	-	-
Agricultural and food scientists	21.99	11.1	40.0	21.99	11.1	40.0	-	-	-
Biological and life scientists	19.82	6.7	39.3	19.87	6.9	39.6	-	-	-
Forestry and conservation scientists	19.06	9.8	39.8	19.06	9.8	39.8	-	-	-
Medical scientists	22.05	7.3	39.5	22.06	7.3	39.8	-	-	-
Health related	24.65	2.4	37.5	24.43	2.5	39.7	27.29	5.0	22.5
Physicians	31.86	12.0	44.0	31.04	12.3	45.3	65.08	7.9	20.1
Registered nurses	22.91	1.6	36.6	22.63	1.3	39.0	25.73	6.2	22.7
Pharmacists	30.68	8.2	38.2	30.57	8.7	39.9	-	-	-
Dietitians	18.33	3.3	37.0	18.18	3.4	39.5	-	-	-
Respiratory therapists	20.19	3.1	36.3	20.08	3.4	38.1	-	-	-
Occupational therapists	25.90	5.4	35.6	26.17	5.5	37.8	-	-	-
Physical therapists	29.61	8.9	35.9	29.76	9.5	38.1	-	-	-
Speech therapists	30.27	4.9	36.7	30.32	5.2	37.4	-	-	-
Therapists, n.e.c.	19.82	6.1	37.6	19.38	5.9	39.2	-	-	-
Teachers, college and university	36.93	2.8	34.8	37.45	2.7	39.2	29.75	4.8	13.7
Earth, environmental, and marine science teachers	40.59	13.5	32.2	40.68	14.9	36.4	-	-	-
Biological science teachers	37.44	12.7	32.4	37.84	13.4	35.6	31.89	22.8	14.3
Chemistry teachers	32.86	6.1	41.4	32.89	6.1	42.0	-	-	-
Physics teachers	39.95	19.9	37.8	39.95	19.9	37.8	-	-	-
Natural science teachers, n.e.c.	37.71	12.9	34.9	42.05	7.3	39.2	-	-	-
Psychology teachers	30.82	12.6	38.1	30.83	12.7	40.1	-	-	-
History teachers	40.76	11.6	38.0	40.24	12.3	40.9	-	-	-
Political science teachers	35.05	13.0	37.1	35.02	13.1	39.1	-	-	-
Sociology teachers	39.40	17.3	38.8	39.42	17.4	39.7	-	-	-
Social science teachers, n.e.c.	39.44	5.4	36.9	39.34	5.7	39.6	-	-	-
Engineering teachers	49.68	10.4	40.4	50.17	10.7	42.6	-	-	-
Mathematical science teachers	37.89	8.9	34.0	38.48	9.1	38.7	29.26	13.6	12.2
Computer science teachers	31.65	15.9	32.0	34.46	18.4	38.3	26.59	5.9	24.7
Medical science teachers	48.36	15.3	33.4	49.23	16.0	40.0	-	-	-
Health specialties teachers	36.74	10.8	36.0	36.90	11.0	37.8	30.32	12.4	12.4
Business, commerce, and marketing teachers ..	36.00	9.4	37.8	35.97	9.5	39.5	37.90	9.3	9.2
Agriculture and forestry teachers	42.89	25.7	36.2	42.89	25.7	36.2	-	-	-
Art, drama, and music teachers	31.97	9.9	34.8	31.97	10.5	38.4	32.09	12.9	12.8
Physical education teachers	39.83	7.6	26.0	-	-	-	-	-	-
Education teachers	40.43	6.7	38.1	40.43	6.7	38.2	-	-	-
English teachers	41.26	11.6	33.3	41.68	12.0	37.9	33.70	8.1	10.5
Foreign language teachers	24.63	30.8	32.7	-	-	-	33.37	18.7	17.4
Theology teachers	39.03	2.9	38.7	-	-	-	-	-	-
Trade and industrial teachers	31.11	3.0	33.5	31.26	3.0	38.1	28.40	12.3	10.6
Other post-secondary teachers	34.97	3.3	33.4	35.44	3.5	39.1	29.12	4.6	12.1
Teachers, except college and university	30.16	1.0	34.9	30.52	1.0	36.5	19.21	6.0	14.9
Prekindergarten and kindergarten	27.79	2.7	34.8	27.94	2.9	36.9	25.16	14.8	17.3
Elementary school teachers	30.47	1.2	35.9	30.52	1.1	36.4	26.69	7.7	16.6
Secondary school teachers	30.48	1.5	36.8	30.48	1.5	37.0	30.57	7.2	18.8

See footnotes at end of table.

TABLE 2-3. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, except college and university –Continued									
Teachers, special education	\$32.41	2.7	34.9	\$32.58	2.7	35.2	\$18.44	22.1	21.6
Teachers, n.e.c.	30.31	3.7	32.5	30.83	3.8	35.8	22.17	15.5	13.2
Substitute teachers	12.08	5.6	15.7	11.34	6.8	34.6	12.27	6.6	13.8
Vocational and educational counselors	29.85	4.7	36.6	30.00	4.8	37.3	25.14	14.9	22.6
Librarians, archivists, and curators	24.19	4.1	37.1	24.31	4.1	38.1	20.05	12.0	19.9
Librarians	24.55	4.3	37.1	24.68	4.3	38.0	20.04	13.2	19.9
Archivists and curators	19.05	10.0	37.2	19.01	10.5	38.5	–	–	–
Social scientists and urban planners	27.36	7.4	37.5	27.35	7.5	38.3	27.92	11.1	15.4
Economists	22.88	7.7	40.0	22.88	7.7	40.0	–	–	–
Psychologists	30.63	7.5	37.2	30.68	7.7	37.7	28.69	11.3	23.2
Social scientists, n.e.c.	18.25	28.8	39.7	18.25	28.8	39.7	–	–	–
Urban planners	24.75	4.5	36.1	24.80	4.5	39.2	–	–	–
Social, recreation, and religious workers	18.27	1.9	38.1	18.33	1.9	39.1	15.83	6.3	19.0
Social workers	18.39	2.0	38.6	18.40	2.0	39.1	17.90	6.1	23.0
Recreation workers	16.20	5.5	31.1	17.03	5.5	39.6	11.12	9.0	13.6
Lawyers and judges	35.94	6.0	35.9	36.36	6.2	38.7	29.29	11.0	16.7
Lawyers	34.37	6.6	35.9	34.64	6.8	38.6	30.16	11.8	17.0
Judges	49.24	10.2	35.6	51.12	8.9	39.6	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.68	7.4	34.5	25.34	7.8	39.6	19.53	12.1	17.1
Designers	18.97	10.4	38.1	19.41	10.2	39.8	–	–	–
Artists, performers, and related workers, n.e.c.	17.69	3.2	28.5	–	–	–	18.22	4.6	24.1
Editors and reporters	20.36	7.7	35.3	–	–	–	–	–	–
Public relations specialists	25.53	14.7	35.2	25.93	14.8	39.6	–	–	–
Athletes	30.59	18.6	27.8	35.26	12.8	40.0	13.27	18.0	13.1
Professional, n.e.c.	25.09	6.9	38.9	24.44	7.8	39.8	–	–	–
Technical	16.40	1.7	37.6	16.44	1.7	39.6	15.85	8.6	21.7
Clinical laboratory technologists and technicians	15.97	8.3	37.9	15.87	8.7	39.4	17.66	3.6	23.4
Health record technologists and technicians	15.07	11.6	34.1	13.46	12.7	39.9	–	–	–
Radiological technicians	20.02	10.4	33.0	17.85	5.1	39.8	31.22	9.3	17.6
Licensed practical nurses	13.81	3.0	37.4	13.58	3.1	39.7	16.64	6.5	22.0
Health technologists and technicians, n.e.c.	14.90	3.0	37.5	15.07	3.1	40.0	12.65	9.0	20.4
Electrical and electronic technicians	18.35	8.9	39.2	18.41	9.1	39.9	–	–	–
Engineering technicians, n.e.c.	18.11	3.1	38.7	18.22	3.2	39.3	–	–	–
Drafters	19.72	4.9	39.1	19.71	5.4	39.8	–	–	–
Surveying and mapping technicians	18.43	5.6	39.2	18.43	5.6	39.2	–	–	–
Biological technicians	13.63	5.8	34.5	14.17	5.7	39.8	–	–	–
Chemical technicians	20.60	5.7	40.0	20.60	5.7	40.0	–	–	–
Science technicians, n.e.c.	16.77	4.8	37.2	16.88	4.9	38.3	–	–	–
Broadcast equipment operators	20.61	11.6	37.9	20.77	11.5	38.9	–	–	–
Computer programmers	21.27	5.0	39.6	21.27	5.0	39.6	–	–	–
Legal assistants	15.91	6.8	39.1	16.17	6.4	39.6	–	–	–
Technical and related, n.e.c.	17.50	4.6	37.2	17.84	4.6	39.2	13.10	7.2	22.3
Executive, administrative, and managerial	27.90	2.6	38.7	27.99	2.6	39.4	18.27	11.5	13.7
Executives, administrators, and managers	32.22	2.5	38.7	32.33	2.5	39.5	18.63	19.1	11.4
Legislators	12.46	22.7	13.0	11.39	42.0	37.8	13.32	26.4	8.5
Chief executives and general administrators, public administration	42.06	5.4	38.9	42.75	5.1	39.7	–	–	–
Administrators and officials, public administration	28.34	2.4	39.4	28.30	2.4	39.6	49.15	36.4	12.0
Financial managers	38.30	12.0	39.4	38.30	12.0	39.4	–	–	–
Personnel and labor relations managers	36.53	6.8	39.3	36.53	6.8	39.3	–	–	–
Purchasing managers	32.36	23.2	39.7	32.36	23.2	39.7	–	–	–
Managers, marketing, advertising, and public relations	35.21	15.8	41.3	35.21	15.8	41.3	–	–	–
Administrators, education and related fields	37.01	3.8	39.3	37.03	3.8	39.4	–	–	–

See footnotes at end of table.

TABLE 2-3. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial —Continued									
Executives, administrators, and managers —Continued									
Managers, medicine and health	\$32.54	13.0	39.0	\$32.54	13.0	39.0	—	—	—
Managers, food servicing and lodging establishments	21.60	14.1	39.4	21.66	14.4	39.7	—	—	—
Managers, properties and real estate	23.21	7.7	39.3	23.21	7.7	39.3	—	—	—
Managers, service organizations, n.e.c.	22.45	4.5	39.0	22.71	4.6	39.2	—	—	—
Managers and administrators, n.e.c.	30.06	4.3	39.8	30.09	4.3	40.0	—	—	—
Management related	21.09	2.3	38.7	21.12	2.3	39.1	\$17.82	10.2	18.4
Accountants and auditors	20.14	3.3	38.9	20.14	3.3	39.3	—	—	—
Other financial officers	25.11	7.1	38.1	25.16	7.0	38.3	—	—	—
Management analysts	21.93	6.1	38.7	21.89	6.2	39.7	—	—	—
Personnel, training, and labor relations specialists	20.80	3.8	38.8	20.82	3.8	39.0	—	—	—
Purchasing agents and buyers, n.e.c.	16.71	9.3	39.9	16.71	9.3	39.9	—	—	—
Construction inspectors	22.33	3.8	39.0	22.29	3.8	39.7	—	—	—
Inspectors and compliance officers, except construction	19.78	3.4	38.4	19.81	3.5	38.7	—	—	—
Management related, n.e.c.	22.33	3.2	38.4	22.50	3.2	39.0	12.84	14.6	20.6
Sales	12.79	5.4	32.5	13.68	5.9	38.7	8.82	6.5	19.0
Supervisors, sales	16.01	9.6	39.4	16.04	9.9	39.9	—	—	—
Real estate sales	23.81	6.9	37.9	23.81	6.9	37.9	—	—	—
Sales workers, other commodities	8.91	7.0	30.6	—	—	—	—	—	—
Cashiers	10.89	4.4	31.1	11.52	5.1	38.0	9.02	7.3	20.2
Administrative support, including clerical	13.17	1.1	36.5	13.31	1.1	38.6	11.39	3.6	21.3
Supervisors, general office	17.40	3.5	39.2	17.40	3.5	39.2	—	—	—
Supervisors, financial records processing	18.57	5.9	38.5	18.57	5.9	38.5	—	—	—
Chief communications operators	18.87	8.0	40.0	18.87	8.0	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.19	9.3	39.6	18.19	9.3	39.6	—	—	—
Computer operators	14.02	6.3	38.7	14.11	6.4	39.5	—	—	—
Secretaries	13.89	2.3	38.3	13.95	2.3	39.0	11.04	4.7	22.4
Stenographers	18.67	8.2	36.1	18.58	8.6	37.5	—	—	—
Typists	13.08	2.0	36.9	13.13	2.1	38.3	11.68	6.3	18.6
Interviewers	10.36	8.2	37.2	10.46	8.6	39.6	—	—	—
Receptionists	10.26	3.7	32.7	10.42	4.4	39.2	9.46	5.0	17.5
Information clerks, n.e.c.	14.44	4.9	36.5	14.47	5.3	39.2	14.22	11.1	20.9
Order clerks	17.23	11.5	39.8	17.26	11.6	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	13.68	6.7	39.1	13.68	6.7	39.1	—	—	—
Library clerks	11.05	2.9	28.8	11.69	3.9	38.1	9.64	3.6	18.6
File clerks	10.53	6.8	37.1	10.55	7.1	39.2	—	—	—
Records clerks, n.e.c.	12.46	3.4	38.0	12.50	3.6	39.3	11.87	8.8	25.5
Bookkeepers, accounting and auditing clerks ...	13.63	2.2	38.6	13.66	2.3	39.1	12.18	7.7	24.7
Payroll and timekeeping clerks	15.24	3.6	39.3	15.24	3.6	39.3	—	—	—
Billing clerks	12.94	7.5	39.9	12.94	7.5	39.9	—	—	—
Duplicating machine operators	9.37	2.6	39.0	9.31	2.4	39.9	—	—	—
Telephone operators	11.45	7.3	34.4	11.63	8.1	39.4	—	—	—
Communications equipment operators, n.e.c. ...	13.11	6.8	33.2	—	—	—	—	—	—
Mail clerks, except postal service	9.39	8.6	39.5	9.38	8.6	39.8	—	—	—
Messengers	10.99	8.6	34.9	11.14	8.6	37.8	—	—	—
Dispatchers	14.65	4.9	38.7	14.76	5.0	40.0	11.72	15.3	20.3
Production coordinators	18.57	16.1	39.4	18.57	16.1	39.4	—	—	—
Traffic, shipping and receiving clerks	13.33	4.6	38.4	13.33	4.6	38.4	—	—	—
Stock and inventory clerks	13.11	4.1	38.9	13.13	4.2	39.1	—	—	—
Meter readers	15.09	6.1	39.6	15.13	6.2	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	17.53	7.4	40.0	17.53	7.4	40.0	—	—	—

See footnotes at end of table.

TABLE 2-3. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Insurance adjusters, examiners, and investigators	\$15.33	9.8	40.0	\$15.33	9.8	40.0	—	—	—
Investigators and adjusters, except insurance ..	15.52	4.0	39.0	15.57	4.1	39.8	—	—	—
Eligibility clerks, social welfare	15.20	2.4	38.7	15.23	2.4	38.8	—	—	—
Bill and account collectors	14.00	5.9	39.9	14.00	5.9	39.9	—	—	—
General office clerks	12.52	1.8	37.4	12.68	1.7	39.1	\$9.74	10.5	21.7
Data entry keyers	12.02	3.8	39.1	12.05	3.8	39.4	—	—	—
Statistical clerks	10.91	10.6	39.8	10.92	10.6	39.9	—	—	—
Teachers' aides	10.59	2.2	31.2	10.09	1.7	35.8	12.23	4.8	22.1
Administrative support, n.e.c.	13.84	2.3	36.9	13.98	2.4	38.9	11.96	8.3	21.8
Blue collar	15.84	1.3	37.6	16.06	1.3	39.5	12.03	2.5	20.7
Precision production, craft, and repair									
Supervisors, mechanics and repairers	22.41	4.5	39.9	22.41	4.5	39.9	—	—	—
Automobile mechanics	19.42	8.0	39.8	19.42	8.0	39.8	—	—	—
Bus, truck, and stationary engine mechanics	17.45	4.2	40.0	17.45	4.2	40.0	—	—	—
Heavy equipment mechanics	18.35	5.9	40.0	18.35	5.9	40.0	—	—	—
Industrial machinery repairers	20.84	7.3	39.9	20.84	7.3	39.9	—	—	—
Machinery maintenance	14.41	14.9	38.0	14.45	14.9	38.1	—	—	—
Electronic repairers, communications and industrial equipment	19.65	7.2	39.5	19.72	7.3	40.0	—	—	—
Data processing equipment repairers	16.87	2.1	40.0	16.87	2.1	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.08	4.6	39.9	16.08	4.6	39.9	—	—	—
Mechanical controls and valve repairers	18.51	5.9	38.2	18.97	5.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.51	3.3	39.7	15.53	3.3	39.8	—	—	—
Supervisors, electricians and power transmission installers	23.03	9.3	40.0	23.03	9.3	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	25.59	12.5	40.0	25.59	12.5	40.0	—	—	—
Supervisors, construction trades, n.e.c.	19.15	5.0	40.0	19.15	5.0	40.0	—	—	—
Carpenters	19.13	6.8	39.5	19.14	6.8	39.5	—	—	—
Electricians	19.37	4.9	39.9	19.37	4.9	39.9	—	—	—
Electrical power installers and repairers	22.29	5.3	40.0	22.29	5.3	40.0	—	—	—
Painters, construction and maintenance	18.25	7.4	39.6	18.25	7.4	39.6	—	—	—
Plumbers, pipefitters and steamfitters	17.53	6.1	39.8	17.53	6.1	39.8	—	—	—
Paving, surfacing, and tamping equipment operators	13.32	1.8	40.0	13.32	1.8	40.0	—	—	—
Construction trades, n.e.c.	14.22	4.0	39.7	14.21	4.1	39.8	—	—	—
Supervisors, production	21.08	12.4	40.0	21.08	12.4	40.0	—	—	—
Machinists	20.68	8.5	40.0	20.68	8.5	40.0	—	—	—
Inspectors, testers, and graders	19.77	3.8	39.6	19.78	3.8	39.7	—	—	—
Water and sewer treatment plant operators	17.34	3.3	39.9	17.36	3.3	40.0	—	—	—
Power plant operators	24.20	6.1	39.8	24.20	6.1	39.8	—	—	—
Stationary engineers	20.44	7.3	39.6	20.44	7.3	39.6	—	—	—
Miscellaneous plant and system operators, n.e.c.	16.03	6.4	40.0	16.03	6.4	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Printing press operators	13.77	2.2	37.8	13.82	2.3	39.5	—	—	—
Laundry and dry cleaning machine operators ..	9.99	8.3	36.5	9.89	8.9	39.7	—	—	—
Miscellaneous machine operators, n.e.c.	18.95	13.1	38.6	19.02	13.2	39.3	—	—	—
Welders and cutters	19.77	8.6	40.0	19.77	8.6	40.0	—	—	—
Transportation and material moving									
Supervisors, motor vehicle operators	17.35	12.0	39.8	17.35	12.0	39.8	—	—	—
Truck drivers	14.68	4.5	39.5	14.76	4.5	39.9	9.54	9.1	22.0
Bus drivers	14.77	2.0	29.4	15.55	2.3	36.8	13.04	2.7	20.4
Taxicab drivers and chauffeurs	7.78	14.3	35.7	7.71	17.3	38.2	—	—	—

See footnotes at end of table.

TABLE 2-3. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Motor transportation, n.e.c.	\$15.40	8.1	39.2	\$15.40	8.1	39.2	—	—	—
Locomotive operating	20.82	3.1	40.0	20.82	3.1	40.0	—	—	—
Bridge, lock and lighthouse tenders	11.96	1.9	40.0	11.96	1.9	40.0	—	—	—
Supervisors, material moving equipment	18.04	10.0	38.8	18.04	10.0	38.8	—	—	—
Operating engineers	14.34	8.9	40.0	14.34	8.9	40.0	—	—	—
Excavating and loading machine operators	14.66	8.5	39.8	14.66	8.5	39.8	—	—	—
Grader, dozer, and scrapper operators	13.91	7.2	40.0	13.91	7.2	40.0	—	—	—
Industrial truck and tractor equipment operators	13.19	5.7	40.0	13.19	5.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.21	4.2	39.0	14.23	4.2	39.5	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	19.44	5.1	39.8	19.48	5.0	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	11.99	3.3	37.4	12.30	3.5	39.8	8.88	5.1	23.6
Animal caretakers, except farm	14.02	10.8	38.4	14.13	10.7	38.6	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.33	6.3	39.9	17.33	6.3	39.9	—	—	—
Helpers, mechanics and repairers	13.94	7.4	38.8	14.01	7.5	39.5	—	—	—
Helpers, construction trades	13.04	6.2	40.0	13.04	6.2	40.0	—	—	—
Construction laborers	11.99	4.7	39.1	12.09	4.8	39.7	8.99	5.1	27.7
Production helpers	11.18	12.0	24.6	11.99	19.9	40.0	—	—	—
Garbage collectors	15.09	10.5	39.6	15.38	10.0	39.9	—	—	—
Stock handlers and baggers	10.82	15.1	35.5	12.94	9.5	39.8	—	—	—
Freight, stock, and material handlers, n.e.c.	11.08	10.8	39.2	11.09	11.0	40.0	—	—	—
Garage and service station related	13.81	9.6	34.4	12.57	7.8	40.0	—	—	—
Vehicle washers and equipment cleaners	12.81	5.6	36.8	13.19	4.7	39.6	—	—	—
Laborers, except construction, n.e.c.	12.27	3.6	38.6	12.49	3.6	39.9	7.53	5.9	22.3
Service									
Protective service	15.42	1.5	36.9	15.97	1.6	40.1	9.60	1.6	19.8
Supervisors, firefighters and fire prevention	23.12	4.6	49.0	23.12	4.6	49.0	—	—	—
Supervisors, police and detectives	27.06	3.2	40.1	27.06	3.2	40.1	—	—	—
Supervisors, guards	23.02	9.0	38.3	23.79	8.3	39.6	—	—	—
Fire inspection and fire prevention	21.52	5.0	38.1	21.58	5.0	42.0	—	—	—
Firefighting	17.13	2.8	46.7	17.18	2.8	48.2	9.36	8.7	9.0
Police and detectives, public service	21.47	1.5	39.5	21.53	1.5	40.0	15.22	14.0	15.1
Sheriffs, bailiffs, and other law enforcement officers	17.52	2.8	38.8	17.59	2.8	39.8	14.95	9.5	20.2
Correctional institution officers	16.05	4.8	39.8	16.07	4.9	39.9	—	—	—
Crossing guards	9.59	4.6	17.1	—	—	—	9.25	4.6	16.5
Guards and police, except public service	13.49	3.5	33.6	13.77	3.9	38.6	11.82	6.6	19.0
Protective service, n.e.c.	13.99	5.9	33.1	15.22	6.7	39.6	10.38	9.2	22.4
Food service	10.02	1.7	29.8	10.47	2.3	36.3	8.98	1.9	21.1
Waiters, waitresses, and bartenders	12.04	15.1	19.8	—	—	—	7.40	12.1	10.8
Waiters/Waitresses' assistants	11.29	10.2	21.6	—	—	—	—	—	—
Other food service	10.00	1.7	30.0	10.42	2.3	36.4	9.01	1.9	21.4
Supervisors, food preparation and service	13.47	5.7	37.8	13.43	5.7	38.2	—	—	—
Cooks	10.31	2.5	33.2	10.44	2.7	35.5	9.59	3.9	24.3
Kitchen workers, food preparation	8.78	2.9	30.6	8.73	3.8	36.1	8.88	4.9	23.1
Food preparation, n.e.c.	9.38	1.9	26.8	9.75	3.0	36.2	8.92	2.6	20.2
Health service	11.85	2.1	36.5	11.97	2.2	39.3	10.59	6.1	20.9
Dental assistants	11.21	11.5	40.0	11.21	11.5	40.0	—	—	—
Health aides, except nursing	12.77	3.5	36.1	12.85	3.7	39.3	11.87	4.8	18.1
Nursing aides, orderlies and attendants	11.54	2.4	36.6	11.67	2.5	39.3	10.23	7.1	21.9
Cleaning and building service	11.71	1.9	38.2	11.80	2.0	39.7	9.63	4.1	20.1
Supervisors, cleaning and building service workers	16.31	8.0	39.8	16.31	8.0	39.8	—	—	—
Maids and housemen	8.36	4.9	36.6	8.06	4.8	39.8	12.73	9.6	16.9
Janitors and cleaners	11.40	1.5	38.1	11.49	1.6	39.7	9.47	3.9	20.3

See footnotes at end of table.

TABLE 2-3. State and local government, selected occupations: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ January 2001–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Personal service	\$10.32	2.8	28.2	\$10.96	4.2	37.6	\$9.13	2.5	19.3
Supervisors, personal service	15.86	8.9	37.0	16.81	8.7	39.0	–	–	–
Attendants, amusement, and recreation facilities	8.16	4.1	24.3	9.05	8.5	40.0	7.72	2.9	20.4
Public transportation attendants	13.93	11.0	32.6	15.43	9.3	38.8	10.79	7.8	24.5
Welfare service aides	11.02	6.4	36.8	11.12	6.8	39.2	9.50	7.4	18.7
Early childhood teachers' assistants	9.65	3.4	30.8	9.68	4.0	37.0	9.56	5.9	21.0
Child care workers, n.e.c.	10.68	7.6	24.1	11.58	15.1	36.3	9.71	3.4	17.8
Service, n.e.c.	11.03	3.5	30.2	11.74	4.0	38.2	8.63	5.2	17.7

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

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

³ This survey covers all 50 States. Collection was conducted between March 2000 and

January 2002. The average reference period was January 2001.

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

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.23	1.0	35.8	\$15.46	1.2	35.7	\$20.56	0.8	36.7
All, excluding sales	16.48	1.1	36.2	15.67	1.3	36.1	20.59	.8	36.7
White collar	19.86	1.4	36.0	19.08	1.7	35.9	23.20	.8	36.5
1	7.11	1.0	26.2	7.06	1.1	26.2	8.34	4.3	28.3
2	8.61	1.2	30.2	8.48	1.3	30.0	9.75	1.3	32.3
3	9.77	1.3	33.4	9.63	1.4	33.2	11.03	1.4	35.2
4	12.38	.9	36.9	12.35	1.1	36.9	12.56	1.1	37.2
5	15.00	2.0	37.7	15.05	2.3	38.1	14.70	1.2	35.6
6	16.84	1.2	37.4	16.78	1.4	37.4	17.08	2.4	37.2
7	19.57	1.9	38.0	18.91	2.3	38.2	21.77	1.5	37.2
8	22.80	1.6	37.4	21.66	2.0	37.6	25.64	1.7	36.9
9	27.48	.9	37.7	26.26	1.2	38.7	29.66	1.1	36.0
10	34.52	12.6	38.4	36.00	14.8	38.6	28.29	3.2	38.0
11	35.46	1.9	39.6	36.45	2.3	40.0	32.01	1.9	38.1
12	41.28	1.3	39.6	41.84	1.5	39.9	38.95	3.0	38.7
13	50.30	4.7	39.1	51.79	5.7	38.9	43.91	4.4	39.8
14	62.87	3.0	40.5	64.56	3.1	40.8	53.14	5.7	38.7
15	60.28	6.1	39.9	73.21	8.0	40.5	53.34	5.4	39.6
Not able to be leveled	24.53	3.2	34.1	24.18	3.6	34.1	26.96	5.5	34.4
White collar, excluding sales	21.19	1.4	36.8	20.57	1.8	36.9	23.25	.8	36.5
1	7.99	1.4	28.4	7.92	1.5	28.4	8.40	4.5	28.8
2	9.38	1.2	32.6	9.31	1.3	32.6	9.75	1.3	32.5
3	10.35	1.8	35.8	10.23	2.1	35.8	11.04	1.4	35.3
4	12.46	.7	36.9	12.44	.8	36.9	12.56	1.1	37.2
5	14.82	2.2	37.2	14.85	2.6	37.6	14.70	1.3	35.5
6	16.47	1.2	36.9	16.28	1.3	36.8	17.08	2.4	37.2
7	19.56	1.4	37.6	18.75	1.7	37.7	21.78	1.5	37.2
8	22.58	1.7	36.9	21.10	2.2	36.9	25.64	1.7	36.9
9	27.36	.9	37.6	26.01	1.2	38.6	29.66	1.1	36.0
10	34.25	14.1	38.1	35.87	17.0	38.1	28.31	3.2	38.0
11	35.22	2.0	39.4	36.22	2.4	39.9	32.03	1.9	38.1
12	41.21	1.3	39.6	41.77	1.5	39.9	38.95	3.0	38.7
13	50.03	4.6	39.1	51.46	5.7	38.9	43.91	4.4	39.8
14	62.87	3.0	40.5	64.56	3.1	40.8	53.14	5.7	38.7
15	60.28	6.1	39.9	73.21	8.0	40.5	53.34	5.4	39.6
Not able to be leveled	24.83	3.1	34.3	24.50	3.6	34.2	26.96	5.5	34.4
Professional specialty and technical	26.18	2.0	35.9	25.56	3.0	35.8	27.50	.8	36.0
Professional specialty	28.21	2.4	35.8	27.89	3.8	35.8	28.77	.8	35.8
2	7.61	8.1	18.2	7.14	6.7	19.6	8.82	14.9	15.4
3	8.76	5.9	14.8	9.21	7.7	26.4	8.08	7.4	8.9
4	10.21	5.5	29.1	10.29	6.5	31.1	9.74	5.0	21.2
5	13.39	2.6	34.6	13.24	3.1	37.1	13.93	3.3	28.0
6	17.72	3.3	32.0	15.85	3.5	30.8	21.57	4.4	34.9
7	21.07	3.2	35.3	19.14	4.8	34.7	23.78	1.8	36.3
8	24.03	2.9	35.4	21.27	4.5	34.6	27.16	1.9	36.4
9	28.14	1.1	36.3	25.54	1.8	37.2	30.72	1.2	35.5
10	36.79	21.8	38.1	39.34	26.2	38.3	28.26	3.3	37.4
11	33.96	1.8	38.7	34.95	2.1	39.3	31.15	2.1	36.9
12	40.41	2.3	38.8	41.13	2.6	39.0	37.42	3.8	37.9
13	46.98	6.8	38.0	48.02	8.7	37.6	43.17	6.5	39.8
14	61.97	4.7	39.7	62.73	5.6	40.0	58.52	4.8	38.4
15	54.43	4.5	39.8	58.53	6.3	40.8	53.18	5.5	39.6
Not able to be leveled	27.72	3.9	30.0	26.97	4.5	29.1	32.05	6.2	36.1
Engineers, architects, and surveyors	31.20	2.8	40.6	31.50	3.0	40.7	27.69	1.9	39.3
5	17.67	8.5	40.1	17.71	9.3	40.1	-	-	-
6	18.51	7.5	39.9	18.23	7.6	40.0	-	-	-
7	22.81	2.1	39.7	22.73	2.1	39.7	24.18	5.1	39.7
8	26.31	2.0	40.3	26.65	2.0	40.6	23.40	4.7	38.3
9	26.93	2.5	41.2	27.09	2.9	41.4	25.63	2.3	39.6
10	30.36	1.4	40.4	30.60	1.4	40.4	28.14	4.4	39.8
11	35.37	3.8	40.7	35.79	4.0	40.9	31.49	3.9	39.1
12	38.67	1.5	40.4	38.77	1.6	40.5	36.46	4.3	39.3

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
13	\$55.49	13.9	41.4	\$55.79	14.1	41.4	—	—	—
14	50.21	2.3	40.2	50.21	2.3	40.2	—	—	—
15	50.81	6.2	41.3	51.95	6.4	40.2	—	—	—
Not able to be leveled	33.73	3.8	40.0	33.85	3.9	40.0	—	—	—
Architects	24.10	6.7	39.6	23.70	6.9	39.7	\$28.13	4.3	39.1
9	25.68	4.3	39.6	25.10	5.7	39.9	26.79	3.3	39.0
11	32.96	3.3	36.3	—	—	—	—	—	—
12	35.77	2.8	41.3	—	—	—	—	—	—
Aerospace engineers	33.29	5.9	40.1	33.29	5.9	40.1	—	—	—
10	32.60	4.4	40.0	32.60	4.4	40.0	—	—	—
11	35.40	2.9	40.0	35.40	2.9	40.0	—	—	—
12	41.82	1.8	40.4	41.82	1.8	40.4	—	—	—
Not able to be leveled	38.02	12.1	40.0	38.02	12.1	40.0	—	—	—
Metallurgical and materials engineers	30.74	4.8	39.9	32.33	3.5	40.0	—	—	—
11	34.22	4.7	39.6	—	—	—	—	—	—
Petroleum engineers	37.97	6.2	40.0	37.97	6.2	40.0	—	—	—
9	30.82	8.3	40.0	30.82	8.3	40.0	—	—	—
Chemical engineers	35.00	3.5	40.2	35.01	3.5	40.2	—	—	—
7	26.27	7.8	40.8	26.27	7.8	40.8	—	—	—
9	29.81	5.6	40.0	29.74	5.8	40.0	—	—	—
11	35.56	8.7	40.5	35.56	8.7	40.5	—	—	—
12	37.07	3.2	40.0	37.07	3.2	40.0	—	—	—
Nuclear engineers	35.23	2.0	40.0	35.89	2.2	40.0	—	—	—
13	40.93	3.5	40.0	—	—	—	—	—	—
Civil engineers	28.60	3.2	40.2	28.73	4.5	40.8	28.36	2.9	39.2
5	18.58	4.6	40.4	—	—	—	—	—	—
6	20.94	2.9	39.7	20.40	1.7	40.0	—	—	—
7	23.57	4.0	40.0	23.79	7.2	40.6	23.36	3.4	39.5
8	24.57	5.8	40.6	25.35	8.2	41.5	23.70	8.0	39.8
9	26.15	2.4	40.4	26.41	3.2	40.9	25.65	3.2	39.5
10	31.70	2.8	40.2	31.04	4.2	40.6	32.39	3.2	39.7
11	33.24	3.3	39.8	33.60	2.8	41.0	32.94	5.5	38.9
12	37.58	4.2	40.6	37.92	5.0	41.1	36.32	7.1	38.7
13	42.64	2.3	40.5	42.23	2.5	40.6	—	—	—
14	46.42	4.1	40.2	46.42	4.1	40.2	—	—	—
Electrical and electronic engineers	34.56	4.9	41.0	34.74	5.0	41.1	29.06	6.2	40.3
5	23.22	2.4	39.4	23.22	2.4	39.4	—	—	—
6	22.48	4.6	40.0	22.48	4.6	40.0	—	—	—
7	25.28	5.9	39.9	24.93	5.7	39.9	—	—	—
8	27.69	4.2	41.9	27.73	4.3	41.9	—	—	—
9	28.92	2.8	40.3	28.88	2.9	40.2	—	—	—
10	31.00	3.1	40.1	31.10	3.3	40.1	—	—	—
11	37.68	9.3	42.1	38.33	9.1	42.3	—	—	—
12	39.91	3.7	41.2	39.95	3.7	41.2	—	—	—
13	49.98	4.7	40.3	49.98	4.7	40.3	—	—	—
14	53.62	6.4	40.0	53.62	6.4	40.0	—	—	—
Industrial engineers	27.54	3.1	40.6	27.62	3.1	40.6	21.33	7.2	39.7
7	23.67	3.4	40.0	23.67	3.4	40.0	—	—	—
8	25.67	3.5	40.3	25.67	3.5	40.3	—	—	—
9	25.68	4.4	40.6	25.85	4.5	40.7	—	—	—
10	29.05	4.0	41.7	29.18	4.0	41.7	—	—	—
11	31.91	1.9	40.8	31.92	1.9	40.8	—	—	—
12	32.26	7.6	40.6	32.26	7.6	40.6	—	—	—
13	51.98	15.9	41.7	51.98	15.9	41.7	—	—	—
Mechanical engineers	26.39	3.9	42.1	26.39	3.9	42.2	—	—	—
6	19.86	8.2	40.0	19.86	8.2	40.0	—	—	—
7	21.18	3.4	38.9	21.18	3.4	38.9	—	—	—
8	23.44	3.5	39.5	23.68	4.4	40.7	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Engineers, architects, and surveyors –Continued									
Mechanical engineers –Continued									
10	\$28.68	2.9	40.1	\$28.37	3.0	40.1	–	–	–
11	31.43	3.2	40.4	31.43	3.2	40.4	–	–	–
12	36.28	2.6	40.4	36.15	2.7	40.4	–	–	–
13	43.68	2.0	40.0	43.68	2.0	40.0	–	–	–
Not able to be leveled	29.47	6.2	40.5	29.47	6.2	40.5	–	–	–
Engineers, n.e.c.	34.89	5.3	40.3	35.54	5.5	40.4	\$26.93	4.7	39.6
5	20.20	6.2	40.3	21.60	4.9	40.5	–	–	–
7	23.87	3.1	40.5	23.97	3.3	40.5	–	–	–
8	28.83	4.9	39.9	29.27	5.1	40.0	–	–	–
9	28.96	2.5	40.2	29.56	2.6	40.3	25.35	5.6	39.8
10	31.27	2.0	40.2	31.60	2.0	40.2	–	–	–
11	36.13	2.8	40.1	36.62	2.9	40.2	31.58	2.9	38.6
12	39.24	2.3	39.9	39.33	2.3	39.9	–	–	–
13	63.86	21.4	42.3	63.88	21.5	42.3	–	–	–
14	50.67	3.1	40.0	50.67	3.1	40.0	–	–	–
Not able to be leveled	31.74	6.9	40.8	31.74	6.9	40.8	–	–	–
Surveyors and mapping scientists	31.54	5.1	39.9	32.06	5.0	40.0	–	–	–
9	31.08	7.1	39.9	–	–	–	–	–	–
Mathematical and computer scientists	30.38	2.8	39.7	31.03	3.0	39.7	24.17	2.8	39.4
5	16.15	13.2	40.2	16.16	13.3	40.2	–	–	–
6	18.62	8.0	41.0	19.81	10.9	41.8	15.78	3.8	39.4
7	21.91	3.7	37.0	22.28	4.2	36.5	20.02	1.4	39.9
8	23.00	2.7	39.8	22.95	2.9	40.0	23.37	5.7	38.2
9	27.97	2.4	39.9	28.32	2.7	39.9	25.27	3.9	39.7
10	30.55	1.6	40.0	30.96	1.5	40.1	27.20	9.2	39.3
11	34.13	1.8	40.5	34.43	1.8	40.5	28.32	3.9	39.8
12	42.54	9.4	39.9	42.79	9.7	40.0	36.18	6.7	39.8
13	46.47	5.5	40.5	46.46	5.5	40.5	–	–	–
14	61.36	7.7	40.9	61.36	7.7	40.9	–	–	–
Not able to be leveled	29.19	4.2	39.0	29.19	4.2	39.0	–	–	–
Computer systems analysts and scientists	30.33	2.8	39.6	31.10	3.0	39.7	24.23	2.9	39.4
5	16.05	14.1	40.3	16.06	14.2	40.3	–	–	–
6	18.52	8.6	41.1	19.81	12.2	42.0	15.78	3.8	39.4
7	21.94	3.7	37.0	22.31	4.3	36.4	20.07	1.4	40.0
8	23.82	2.6	39.7	23.92	2.8	40.1	23.45	5.8	38.1
9	27.93	2.7	40.0	28.28	3.0	40.0	25.45	3.9	39.7
10	30.31	2.1	40.1	30.87	2.0	40.2	27.11	9.4	39.3
11	34.03	1.8	40.6	34.37	1.8	40.6	28.32	3.9	39.8
12	43.30	10.2	39.9	43.62	10.5	39.9	36.18	6.7	39.8
13	43.92	2.4	40.6	43.89	2.4	40.6	–	–	–
14	55.77	3.2	39.5	55.77	3.2	39.5	–	–	–
Not able to be leveled	29.74	4.5	38.8	29.75	4.5	38.8	–	–	–
Operations and systems researchers and analysts	30.46	10.2	40.1	30.51	10.3	40.1	–	–	–
6	19.21	5.5	40.0	19.21	5.5	40.0	–	–	–
9	28.31	4.6	39.2	28.49	4.5	39.3	–	–	–
11	35.13	6.6	39.9	35.13	6.6	39.9	–	–	–
12	35.54	8.3	41.3	35.54	8.3	41.3	–	–	–
Not able to be leveled	27.58	11.4	40.0	27.58	11.4	40.0	–	–	–
Actuaries	35.88	6.9	38.3	35.88	6.9	38.3	–	–	–
Statisticians	26.61	6.1	39.4	27.73	6.4	39.5	–	–	–
Natural scientists	28.09	5.1	39.6	30.95	4.1	39.5	22.05	4.4	39.7
5	16.25	4.0	39.8	16.94	6.5	39.8	15.69	5.0	39.8
6	16.99	3.6	37.8	17.11	3.8	37.6	–	–	–
7	20.43	3.4	39.7	20.55	4.7	39.6	20.29	5.0	39.9
8	19.86	3.7	39.6	22.20	3.5	39.9	18.63	5.2	39.4
9	24.54	3.1	39.6	24.57	4.5	39.6	24.50	3.7	39.6

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Natural scientists –Continued									
10	\$27.48	4.1	39.9	\$29.30	3.4	39.9	\$23.68	7.3	40.1
11	31.85	3.4	39.7	32.91	3.2	39.8	27.72	4.7	39.4
12	40.49	7.7	39.7	41.60	7.1	39.7	29.77	14.4	38.9
13	40.81	9.2	38.6	45.57	5.1	38.4	–	–	–
14	47.68	6.3	40.2	49.31	5.6	39.3	–	–	–
15	51.10	7.3	39.2	51.10	7.3	39.2	–	–	–
Not able to be leveled	30.79	13.9	38.6	31.32	13.9	38.6	–	–	–
Physicists and astronomers	39.07	7.9	40.0	39.99	7.8	40.0	–	–	–
Chemists, except biochemists	31.92	5.0	39.8	32.47	5.5	39.8	27.79	4.2	40.2
5	16.45	16.5	40.0	16.45	16.5	40.0	–	–	–
6	17.93	7.1	40.0	17.93	7.1	40.0	–	–	–
7	21.13	7.4	40.0	21.30	7.4	40.0	–	–	–
8	21.78	8.7	40.0	21.83	8.9	40.0	–	–	–
9	26.41	4.3	40.0	25.03	5.9	40.0	29.08	3.1	40.0
10	31.43	6.5	39.6	33.42	5.4	39.5	–	–	–
11	35.83	4.6	39.7	35.85	4.7	39.7	–	–	–
12	42.82	4.8	40.5	42.82	4.8	40.5	–	–	–
Atmospheric and space scientists	26.55	16.1	40.8	26.46	16.9	40.3	–	–	–
Geologists and geodesists	29.89	8.7	40.1	31.16	10.1	40.1	25.78	15.2	40.0
7	27.96	10.7	40.0	29.49	11.7	40.0	–	–	–
9	26.19	8.6	40.0	–	–	–	–	–	–
11	37.03	9.0	40.0	40.14	4.1	40.0	–	–	–
Physical scientists, n.e.c.	31.08	8.5	39.9	–	–	–	23.15	4.8	39.7
7	20.90	4.5	39.0	21.99	2.8	38.6	–	–	–
8	19.28	8.5	39.8	–	–	–	–	–	–
9	25.23	5.2	40.0	–	–	–	23.64	6.2	40.0
10	26.94	6.0	40.0	–	–	–	21.59	7.0	40.1
11	31.98	4.0	39.8	32.44	3.7	40.0	–	–	–
13	41.19	5.9	40.0	41.19	5.9	40.0	–	–	–
Agricultural and food scientists	22.47	9.6	39.7	23.65	18.6	39.1	21.99	11.1	40.0
Biological and life scientists	23.69	9.1	39.3	27.52	6.8	39.3	19.82	6.7	39.3
5	16.26	1.1	39.7	–	–	–	–	–	–
7	19.48	4.6	39.9	19.07	5.3	39.9	–	–	–
8	20.36	3.0	39.3	22.63	5.9	38.1	–	–	–
9	24.12	5.9	38.5	24.22	8.5	38.9	23.93	6.2	37.6
11	31.04	4.5	39.2	30.76	5.5	39.5	–	–	–
Forestry and conservation scientists	19.40	9.0	40.2	–	–	–	19.06	9.8	39.8
Medical scientists	25.18	6.3	38.7	26.89	7.6	38.3	22.05	7.3	39.5
5	14.02	9.2	39.7	15.37	10.5	39.4	–	–	–
7	19.98	6.6	39.8	–	–	–	–	–	–
9	23.08	11.3	39.2	23.44	12.3	39.2	20.03	12.9	39.1
10	20.34	6.5	40.0	20.34	6.5	40.0	–	–	–
11	25.61	4.8	39.5	23.37	5.1	38.9	–	–	–
12	28.65	8.7	38.9	28.70	8.2	38.6	–	–	–
13	33.24	20.7	36.3	41.27	11.4	35.7	–	–	–
Health related	28.14	8.9	34.1	28.90	10.5	33.4	24.65	2.4	37.5
5	15.46	5.1	33.8	15.53	5.8	33.8	14.99	4.2	34.2
6	18.08	6.9	36.4	17.62	8.6	35.9	19.50	2.2	38.1
7	20.73	1.5	32.8	20.80	1.8	32.0	20.40	2.7	37.0
8	22.23	1.6	32.5	22.19	1.8	31.9	22.45	2.3	36.1
9	24.09	1.6	34.3	23.91	1.9	33.7	24.75	2.4	36.9
10	66.79	36.3	38.1	73.55	34.3	37.4	25.86	7.8	43.2
11	31.21	3.5	36.2	32.06	3.4	35.4	27.06	7.7	40.9
12	38.74	5.1	38.2	38.84	4.7	38.2	38.12	24.1	38.1
13	58.77	7.1	33.4	63.78	4.0	32.1	39.86	21.5	39.7
14	77.66	6.3	35.4	81.41	6.3	36.1	62.52	5.1	33.0
Not able to be leveled	30.09	8.8	33.7	30.49	9.4	32.9	25.98	16.7	44.1
Physicians	60.14	22.3	38.0	66.57	22.7	36.8	31.86	12.0	44.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Health related—Continued									
Physicians—Continued									
7	\$18.05	6.3	40.0	—	—	—	—	—	—
8	17.35	6.2	42.9	\$17.35	6.2	42.9	—	—	—
9	18.12	7.5	47.2	19.54	12.0	42.5	\$16.43	6.6	54.4
10	—	—	—	—	—	—	14.24	10.9	66.2
11	25.62	13.7	43.4	27.59	15.4	41.5	18.65	24.8	52.1
12	40.24	8.5	38.6	—	—	—	39.35	34.2	38.4
13	58.83	7.3	33.3	64.02	4.1	31.9	39.66	21.6	39.8
14	77.66	6.3	35.4	81.41	6.3	36.1	62.52	5.1	33.0
Not able to be leveled	33.58	12.7	39.5	37.05	16.0	36.8	25.93	17.8	47.0
Dentists	38.43	9.6	29.6	40.04	5.5	29.3	—	—	—
Optometrists	41.38	8.3	36.3	41.38	8.3	36.3	—	—	—
Registered nurses	22.68	1.1	33.3	22.63	1.4	32.7	22.91	1.6	36.6
5	16.17	7.4	37.7	16.11	8.0	37.7	16.76	2.0	38.1
6	18.28	8.4	36.8	17.78	10.5	36.3	19.89	2.0	38.2
7	20.73	1.7	31.9	20.84	2.0	31.1	20.20	2.8	36.7
8	22.06	1.8	32.3	22.10	2.0	31.7	21.87	2.2	36.2
9	23.77	1.7	33.9	23.62	2.0	33.4	24.41	2.6	36.1
10	29.19	3.3	36.7	29.07	4.0	36.2	29.79	3.6	38.8
11	29.12	2.5	37.1	29.37	2.7	36.4	28.43	5.6	39.3
12	34.36	4.3	37.7	33.20	4.7	36.1	—	—	—
Not able to be leveled	27.99	15.3	32.1	27.99	15.3	32.1	—	—	—
Pharmacists	32.81	2.3	31.8	33.03	2.4	31.3	30.68	8.2	38.2
7	28.47	6.3	33.0	28.44	6.3	31.9	—	—	—
8	31.58	2.5	29.0	31.58	2.6	29.3	—	—	—
9	33.03	3.2	35.4	34.22	1.8	34.6	27.02	6.1	40.0
10	34.27	4.2	30.2	34.16	2.2	29.0	—	—	—
11	34.44	2.3	30.3	34.48	2.3	29.7	33.99	7.9	39.6
12	36.38	5.0	40.0	36.38	5.0	40.0	—	—	—
Not able to be leveled	33.95	3.0	31.9	33.95	3.0	31.9	—	—	—
Dietitians	19.42	2.7	36.5	19.86	3.0	36.3	18.33	3.3	37.0
6	14.51	7.1	38.0	—	—	—	—	—	—
7	19.06	3.0	38.5	—	—	—	17.35	1.7	39.5
8	21.09	4.8	34.0	21.47	5.4	33.0	—	—	—
9	20.83	5.5	36.2	19.67	7.3	36.0	22.32	5.9	36.4
Respiratory therapists	19.10	1.8	34.6	19.01	1.9	34.5	20.19	3.1	36.3
5	16.97	3.5	35.8	16.91	3.6	35.7	—	—	—
6	17.95	2.5	31.9	17.91	2.5	31.7	—	—	—
7	19.55	3.4	36.1	19.56	3.8	36.4	—	—	—
8	19.78	2.6	36.2	19.66	2.8	36.2	—	—	—
9	20.84	3.5	35.5	21.42	4.0	35.1	—	—	—
Occupational therapists	23.19	6.2	32.9	22.21	7.9	32.0	25.90	5.4	35.6
7	21.55	4.2	34.3	22.01	4.9	33.3	—	—	—
8	24.83	6.5	31.9	22.36	4.2	30.5	—	—	—
9	25.89	3.4	29.6	25.47	2.9	26.9	26.50	7.5	34.7
Physical therapists	23.79	5.4	36.2	23.02	5.1	36.2	29.61	8.9	35.9
8	26.50	9.7	36.0	21.99	4.6	37.1	—	—	—
9	23.62	5.8	36.5	23.32	6.0	36.3	26.22	9.4	38.1
10	33.82	11.3	34.4	28.65	6.1	32.9	—	—	—
11	29.63	4.7	30.9	29.94	4.9	30.3	—	—	—
Speech therapists	27.51	3.3	35.9	23.51	3.1	34.8	30.27	4.9	36.7
7	27.55	15.1	38.3	—	—	—	32.76	14.4	37.3
8	25.03	6.8	36.1	—	—	—	—	—	—
9	28.99	4.8	35.7	23.45	5.5	33.2	31.38	5.3	36.9
10	26.32	5.3	37.2	—	—	—	29.85	11.1	37.2
11	29.72	13.9	33.3	23.82	7.1	31.5	—	—	—
Therapists, n.e.c.	20.09	7.8	36.1	20.24	11.4	35.3	19.82	6.1	37.6
6	16.22	7.4	37.9	12.24	3.4	38.0	18.17	7.2	37.9

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Health related –Continued									
Therapists, n.e.c. –Continued									
7	\$16.66	5.6	38.0	\$14.89	6.6	37.8	\$19.63	7.8	38.4
8	19.94	6.7	36.5	18.65	5.7	36.9	–	–	–
9	20.79	6.6	37.3	19.58	8.3	36.4	23.96	8.1	40.0
10	18.95	14.1	39.3	–	–	–	–	–	–
Physicians' assistants	32.90	6.6	38.9	–	–	–	–	–	–
5	11.90	6.0	29.4	–	–	–	–	–	–
9	28.24	5.0	39.8	28.60	5.3	40.0	–	–	–
10	31.51	4.2	39.2	–	–	–	–	–	–
Teachers, college and university	37.98	2.7	33.1	40.74	6.3	29.4	36.93	2.8	34.8
5	14.21	7.1	26.9	16.43	15.1	24.0	13.35	5.2	28.2
6	16.15	5.9	26.3	15.27	5.3	24.1	–	–	–
7	24.39	7.3	16.3	–	–	–	24.93	9.9	23.6
8	24.43	4.3	30.5	26.26	9.1	24.2	24.07	4.7	32.1
9	28.77	5.1	28.9	24.92	10.0	31.6	29.82	5.6	28.3
10	30.74	5.0	31.7	30.00	6.3	30.9	31.15	7.1	32.2
11	34.02	3.2	35.2	36.99	6.0	33.5	32.91	3.1	35.8
12	41.26	3.5	37.5	47.78	5.0	35.3	39.04	3.9	38.4
13	45.31	3.3	38.9	50.53	3.2	35.6	43.50	4.0	40.2
14	73.13	12.1	38.6	84.77	15.6	38.9	61.93	6.5	38.4
15	57.49	3.4	40.0	–	–	–	56.32	2.8	39.5
Not able to be leveled	39.15	9.3	34.6	33.92	7.4	30.4	42.49	12.8	38.0
Earth, environmental, and marine science teachers									
9	40.93	12.3	33.4	–	–	–	40.59	13.5	32.2
Biological science teachers									
9	38.75	9.9	33.3	41.71	12.9	35.4	37.44	12.7	32.4
10	29.21	8.5	35.4	–	–	–	–	–	–
11	30.93	10.2	25.5	–	–	–	–	–	–
12	45.89	16.8	30.0	52.69	19.9	38.6	38.25	18.9	24.0
13	42.20	8.9	33.4	46.74	15.4	28.0	–	–	–
14	38.27	9.6	34.9	–	–	–	–	–	–
Chemistry teachers									
11	36.74	9.7	40.2	52.47	12.6	36.0	32.86	6.1	41.4
13	46.52	17.5	37.1	–	–	–	39.06	9.4	36.5
14	31.22	5.6	43.7	–	–	–	–	–	–
Physics teachers									
11	44.88	10.7	37.6	47.91	9.2	37.5	39.95	19.9	37.8
Natural science teachers, n.e.c.									
11	36.49	9.6	35.3	–	–	–	37.71	12.9	34.9
12	36.47	3.3	38.3	–	–	–	–	–	–
Psychology teachers									
11	37.39	11.6	32.5	46.96	11.6	26.7	30.82	12.6	38.1
12	27.92	2.5	27.4	–	–	–	–	–	–
13	43.25	21.8	36.3	–	–	–	–	–	–
14	43.41	11.6	38.5	44.92	13.6	37.9	–	–	–
Economics teachers									
12	57.51	15.3	43.2	33.12	14.0	37.0	–	–	–
13	39.76	9.6	35.7	37.01	11.3	30.5	40.76	11.6	38.0
14	39.11	11.4	39.1	–	–	–	–	–	–
15	42.57	14.6	40.3	–	–	–	–	–	–
Political science teachers									
12	32.20	9.6	38.5	27.09	8.8	41.3	35.05	13.0	37.1
Sociology teachers									
12	38.89	16.6	37.0	32.77	22.0	23.6	39.40	17.3	38.8
13	28.75	13.3	38.8	–	–	–	–	–	–
Social science teachers, n.e.c.									
9	39.73	4.9	36.6	41.60	10.9	34.6	39.44	5.4	36.9
10	36.16	6.2	23.9	–	–	–	–	–	–
11	43.23	5.9	39.5	45.03	10.1	36.5	–	–	–
Engineering teachers									
9	47.69	7.7	38.0	43.01	8.2	33.4	49.68	10.4	40.4
10	26.47	13.4	33.1	–	–	–	–	–	–
11	37.44	9.5	34.4	39.27	4.5	34.5	–	–	–
12	46.57	7.3	43.5	–	–	–	–	–	–
Mathematical science teachers									
8	37.07	7.4	34.6	34.43	7.8	36.6	37.89	8.9	34.0
9	23.00	14.7	29.9	–	–	–	22.08	18.6	27.5
10	26.93	8.2	32.3	–	–	–	27.41	8.6	33.3
11	40.94	9.4	26.9	29.10	3.4	29.5	44.22	8.9	26.3

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, college and university –Continued									
Mathematical science teachers –Continued									
11	\$29.66	16.5	36.6	–	–	–	\$28.39	18.4	38.2
13	43.33	5.3	39.3	\$40.22	13.1	41.6	–	–	–
Computer science teachers	30.00	14.3	30.0	24.90	18.5	25.2	31.65	15.9	32.0
7	20.84	11.6	17.1	–	–	–	–	–	–
8	19.25	11.2	33.6	–	–	–	–	–	–
9	24.56	14.5	29.5	–	–	–	32.31	9.7	19.2
10	32.17	8.5	25.0	–	–	–	–	–	–
11	26.40	5.3	33.2	–	–	–	26.08	4.6	33.5
Medical science teachers	48.58	8.9	35.0	48.83	7.7	37.0	48.36	15.3	33.4
9	26.08	11.2	20.8	–	–	–	–	–	–
11	42.03	24.4	27.9	42.54	27.5	29.0	–	–	–
12	40.61	11.2	39.6	–	–	–	41.64	13.3	40.0
13	44.71	11.0	43.0	–	–	–	–	–	–
Health specialties teachers	37.53	8.7	36.3	40.27	10.5	37.2	36.74	10.8	36.0
7	16.09	7.0	24.1	–	–	–	–	–	–
8	28.51	9.9	33.1	–	–	–	32.08	7.4	30.5
9	25.89	4.3	33.8	–	–	–	25.46	3.6	37.0
10	30.93	7.4	37.2	–	–	–	32.25	8.0	36.6
11	35.71	8.9	36.1	39.17	6.8	36.3	35.06	10.5	36.1
12	52.74	23.7	37.4	–	–	–	–	–	–
13	42.47	7.8	38.4	49.75	7.4	48.3	–	–	–
Business, commerce, and marketing teachers ..	39.81	9.3	35.5	45.71	9.0	32.4	36.00	9.4	37.8
9	30.12	8.8	32.5	34.47	5.5	28.8	27.96	10.4	34.7
10	34.15	15.6	33.2	25.55	12.6	33.8	41.98	9.6	32.7
11	34.77	10.5	36.8	50.96	13.2	28.0	31.69	3.0	39.2
12	57.15	9.2	35.9	63.80	9.3	38.4	–	–	–
13	52.14	8.8	40.4	59.44	9.0	39.5	–	–	–
Agriculture and forestry teachers	42.89	25.7	36.2	–	–	–	42.89	25.7	36.2
Art, drama, and music teachers	31.00	6.5	32.8	29.69	7.9	30.3	31.97	9.9	34.8
7	20.94	10.1	37.8	–	–	–	–	–	–
8	24.50	13.6	16.4	19.95	14.3	16.4	–	–	–
9	27.47	11.2	33.3	35.97	13.4	29.0	25.94	8.8	34.2
10	27.62	15.8	27.2	–	–	–	36.34	10.5	23.5
11	29.34	7.5	36.3	27.52	13.4	35.1	30.99	8.0	37.6
12	33.97	9.5	39.0	37.65	13.3	38.7	–	–	–
13	41.42	5.6	39.2	–	–	–	–	–	–
Physical education teachers	36.51	6.8	28.9	32.68	7.4	33.3	39.83	7.6	26.0
Education teachers	39.62	6.2	34.3	38.12	11.5	28.9	40.43	6.7	38.1
9	29.57	8.8	32.8	–	–	–	–	–	–
10	26.92	6.3	25.5	27.13	7.8	22.5	–	–	–
11	29.78	6.5	39.0	–	–	–	31.58	5.6	39.5
12	46.05	8.7	36.1	54.98	8.8	34.6	39.46	6.5	37.3
English teachers	39.31	9.9	32.8	33.20	10.6	31.3	41.26	11.6	33.3
8	27.19	9.8	28.0	–	–	–	28.66	11.2	23.4
9	29.63	11.0	23.0	–	–	–	31.31	14.7	20.6
10	28.53	8.6	30.3	25.48	16.1	38.2	31.27	7.6	25.5
11	33.02	5.3	33.7	31.72	7.3	33.4	33.40	6.7	33.8
12	35.70	11.9	38.2	51.01	14.2	35.9	31.50	4.1	38.9
Foreign language teachers	27.02	22.0	32.1	32.35	5.0	30.7	24.63	30.8	32.7
11	31.69	5.2	38.6	31.80	6.9	38.5	–	–	–
Law teachers	50.43	10.5	36.3	56.63	7.0	38.4	–	–	–
13	64.92	7.5	40.8	64.92	7.5	40.8	–	–	–
Theology teachers	37.92	3.5	38.2	35.71	9.0	37.4	39.03	2.9	38.7
12	36.10	7.7	39.6	36.10	7.7	39.6	–	–	–
13	41.95	5.6	35.8	–	–	–	–	–	–
Trade and industrial teachers	–	–	–	–	–	–	31.11	3.0	33.5
7	–	–	–	–	–	–	30.26	2.6	34.9

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, college and university –Continued									
Trade and industrial teachers –Continued									
8	\$33.26	8.3	30.6	–	–	–	\$33.71	8.3	32.0
9	27.33	8.8	36.9	–	–	–	30.44	6.5	36.2
10	34.04	1.7	20.5	–	–	–	34.19	2.2	18.9
11	29.07	7.1	35.3	–	–	–	–	–	–
Other post-secondary teachers	37.19	5.4	32.9	\$44.81	16.6	31.2	34.97	3.3	33.4
5	13.52	4.8	26.4	–	–	–	13.35	5.2	28.2
7	24.01	8.1	24.5	23.59	13.5	39.0	24.42	8.8	18.0
8	23.42	4.3	33.3	23.33	5.3	17.0	23.43	4.6	36.0
9	31.02	6.8	25.5	22.78	13.6	32.3	32.81	5.8	24.4
10	32.14	3.8	32.6	32.13	8.2	28.4	32.15	4.1	34.7
11	33.00	3.1	35.4	29.81	6.4	36.0	33.64	3.4	35.3
12	38.37	5.3	38.7	46.63	7.1	34.3	37.06	5.3	39.5
13	48.78	5.5	35.6	54.97	6.0	28.1	46.49	7.8	39.4
14	83.10	15.8	37.4	–	–	–	58.27	8.6	39.2
Not able to be leveled	38.83	9.0	35.6	40.86	16.8	30.8	38.27	10.3	37.3
Teachers, except college and university	28.01	1.4	34.6	16.75	3.7	33.5	30.16	1.0	34.9
2	6.53	3.2	12.7	–	–	–	6.63	7.2	10.4
3	8.16	7.4	10.8	–	–	–	8.15	7.9	8.5
4	9.51	3.9	21.8	9.62	5.3	22.6	9.17	5.1	19.6
5	11.80	3.9	30.1	11.37	5.1	36.0	13.32	7.1	19.1
6	22.88	6.9	31.0	12.39	5.0	31.3	28.33	5.8	30.9
7	24.10	2.7	35.8	17.60	6.3	34.9	25.80	2.3	36.0
8	28.71	2.3	35.5	19.89	5.6	29.7	29.70	2.3	36.3
9	32.20	1.3	35.2	22.80	5.3	35.5	32.81	1.4	35.2
10	32.51	3.1	36.0	28.38	4.9	28.6	33.04	3.3	37.2
11	33.92	6.3	34.4	26.91	5.9	35.9	34.90	6.4	34.2
12	36.31	3.7	31.9	–	–	–	36.22	4.6	31.2
Not able to be leveled	26.34	7.2	35.3	24.96	10.1	35.0	27.56	9.8	35.5
Prekindergarten and kindergarten	17.09	7.3	35.6	10.83	3.7	36.1	27.79	2.7	34.8
5	10.04	3.7	37.6	9.97	3.8	37.7	11.69	8.9	36.4
6	12.47	8.8	31.1	9.87	4.2	30.0	21.40	9.9	35.4
7	18.31	17.0	36.2	–	–	–	26.12	4.6	37.6
8	24.48	10.6	36.3	12.65	15.6	38.0	29.38	5.4	35.6
9	29.38	4.1	32.6	18.49	6.9	36.0	30.30	4.1	32.4
Elementary school teachers	29.50	1.2	35.9	19.91	5.6	35.6	30.47	1.2	35.9
5	15.90	13.2	27.9	12.69	10.3	31.7	19.84	11.4	24.3
6	29.86	9.4	35.4	–	–	–	32.01	7.5	35.1
7	25.23	3.1	36.4	18.79	7.0	35.4	26.62	3.0	36.7
8	28.47	2.2	36.6	20.35	9.0	36.5	29.12	2.2	36.7
9	32.32	1.6	35.5	23.94	8.7	36.3	32.73	1.6	35.4
11	37.69	11.9	32.3	–	–	–	38.22	12.0	32.8
Secondary school teachers	30.22	1.4	36.8	25.92	3.5	37.4	30.48	1.5	36.8
5	23.85	7.3	29.8	23.43	25.3	16.2	23.95	6.8	37.1
6	27.43	6.6	36.9	18.01	6.9	37.4	30.29	7.6	36.8
7	26.11	2.5	37.8	22.98	4.5	38.2	26.25	2.6	37.7
8	31.21	3.3	36.8	26.57	7.9	37.4	31.51	3.4	36.8
9	31.77	1.9	36.5	28.18	3.4	37.8	31.95	2.0	36.4
10	32.71	7.8	36.6	32.65	7.1	36.6	–	–	–
11	27.67	7.6	36.9	33.76	7.9	38.6	27.29	7.9	36.8
Teachers, special education	30.35	3.7	34.7	19.72	6.2	33.6	32.41	2.7	34.9
5	13.48	7.8	30.9	13.47	5.3	39.5	–	–	–
6	23.46	10.9	37.2	–	–	–	25.06	10.9	36.9
7	23.01	8.6	34.5	19.31	9.6	32.5	26.17	5.2	36.5
8	30.74	3.9	35.6	21.69	6.4	38.0	31.07	4.1	35.5
9	33.47	3.7	34.7	20.55	6.4	33.3	34.51	3.5	34.8
10	35.66	6.8	33.4	–	–	–	37.77	4.0	32.8
11	33.45	11.4	33.6	–	–	–	–	–	–

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Teachers, except college and university—Continued									
Teachers, n.e.c.	\$26.67	5.5	31.0	\$17.06	7.4	27.6	\$30.31	3.7	32.5
3	8.89	15.0	16.4	—	—	—	—	—	—
4	9.75	3.9	10.3	9.91	5.8	7.1	9.61	4.2	17.7
5	13.19	2.3	31.8	—	—	—	12.31	10.6	20.9
6	17.34	7.4	22.2	14.44	7.0	25.0	19.59	9.1	20.4
7	23.90	6.0	36.0	18.03	5.7	34.8	25.82	5.6	36.4
8	25.38	7.9	27.9	19.82	10.5	18.5	27.31	7.9	33.9
9	33.75	4.1	32.5	21.69	5.3	30.9	34.80	3.8	32.6
10	32.29	5.4	33.3	29.41	4.1	27.6	33.79	7.8	37.3
11	29.40	12.8	37.5	—	—	—	—	—	—
12	37.62	2.5	28.0	—	—	—	—	—	—
Not able to be leveled	27.01	12.8	39.2	—	—	—	—	—	—
Substitute teachers	11.83	5.3	15.9	9.11	15.5	18.9	12.08	5.6	15.7
2	6.48	3.2	18.6	—	—	—	6.63	7.2	10.4
3	8.08	8.8	8.1	—	—	—	8.08	8.8	8.1
4	8.58	8.2	23.0	—	—	—	8.64	8.6	23.0
5	10.13	7.3	13.3	—	—	—	10.36	7.4	13.7
6	17.22	8.9	17.0	9.54	6.1	15.0	18.02	8.3	17.2
7	11.73	5.8	20.1	—	—	—	11.62	6.2	19.8
8	18.11	11.1	19.2	—	—	—	18.13	11.1	19.3
9	14.05	4.1	13.3	—	—	—	—	—	—
Vocational and educational counselors	26.73	4.9	36.8	16.92	6.3	37.5	29.85	4.7	36.6
5	14.82	8.7	35.1	13.45	10.1	38.5	16.70	12.5	31.2
6	14.55	7.9	36.0	13.55	7.0	37.0	19.05	6.3	32.4
7	21.12	7.6	38.7	18.21	12.3	38.1	22.70	10.1	39.1
8	26.81	8.8	38.0	18.06	7.4	38.9	28.51	10.3	37.8
9	28.67	9.4	36.4	16.32	13.1	39.0	31.60	7.4	35.9
10	31.75	5.0	37.3	—	—	—	32.15	5.0	39.0
11	35.94	7.9	34.7	—	—	—	36.44	7.9	34.4
Not able to be leveled	26.42	12.1	35.3	—	—	—	—	—	—
Librarians, archivists, and curators	23.10	4.0	37.1	21.40	6.0	37.2	24.19	4.1	37.1
5	13.58	3.0	36.4	—	—	—	13.72	7.7	36.1
6	16.21	14.4	36.1	—	—	—	16.41	14.9	37.3
7	18.70	4.5	36.3	19.50	4.6	35.9	18.39	6.0	36.4
8	21.65	5.4	38.6	—	—	—	23.30	4.7	38.0
9	26.94	6.9	36.7	21.31	4.5	36.3	29.44	8.3	36.8
10	25.90	9.0	37.3	23.73	17.6	37.9	27.19	8.6	37.0
11	30.32	6.3	37.4	34.74	7.9	36.9	27.10	5.4	37.8
12	29.44	13.3	37.9	—	—	—	—	—	—
Not able to be leveled	20.68	7.2	38.3	20.09	6.7	38.5	—	—	—
Librarians	23.55	3.9	37.0	21.59	7.4	37.0	24.55	4.3	37.1
5	13.67	3.2	38.2	—	—	—	14.12	9.6	36.5
6	16.21	14.4	36.1	—	—	—	16.41	14.9	37.3
7	18.92	4.9	35.9	20.37	1.4	35.5	18.33	6.8	36.1
8	23.03	4.4	38.0	21.19	9.5	38.1	23.37	4.9	38.0
9	27.73	7.2	36.4	22.04	3.9	35.9	29.89	8.5	36.6
10	25.92	9.0	37.4	23.73	17.6	37.9	27.23	8.5	37.1
11	29.42	7.4	37.7	33.76	12.1	36.0	27.24	5.4	38.5
Not able to be leveled	20.68	7.2	38.3	20.09	6.7	38.5	—	—	—
Archivists and curators	20.34	6.5	37.8	20.84	9.0	38.0	19.05	10.0	37.2
9	19.93	9.0	38.8	—	—	—	—	—	—
Social scientists and urban planners	27.12	3.7	36.5	27.02	4.4	36.1	27.36	7.4	37.5
5	12.88	3.5	31.5	13.11	3.4	30.1	—	—	—
6	16.57	8.2	35.9	15.75	9.9	36.5	19.90	3.4	33.5
7	19.36	3.0	39.4	18.45	3.7	40.0	21.19	4.9	38.3
8	23.02	7.4	35.1	22.95	13.7	36.3	23.09	6.3	34.0
9	27.13	11.1	36.7	23.31	5.4	37.3	32.68	16.2	36.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Social scientists and urban planners –Continued									
10	\$26.44	11.2	37.8	\$29.95	8.8	37.3	\$24.11	15.3	38.2
11	31.18	3.9	35.8	34.18	4.8	31.0	29.64	4.3	38.9
12	36.97	4.7	20.3	–	–	–	30.02	10.3	39.2
Not able to be leveled	31.89	9.1	41.9	–	–	–	–	–	–
Economists	29.63	5.2	39.7	30.12	5.3	39.7	22.88	7.7	40.0
7	19.95	8.6	40.5	20.73	9.0	40.6	–	–	–
8	29.64	9.0	40.9	29.64	9.0	40.9	–	–	–
9	25.25	3.8	40.2	25.75	4.2	40.2	–	–	–
10	33.25	5.8	38.3	33.34	5.8	38.2	–	–	–
11	35.71	5.5	38.2	35.74	5.7	38.1	–	–	–
12	38.74	5.1	40.8	38.74	5.1	40.8	–	–	–
Psychologists	27.33	4.4	35.7	26.15	7.3	35.2	30.63	7.5	37.2
6	14.57	10.7	34.6	–	–	–	–	–	–
7	–	–	–	–	–	–	20.44	9.6	38.9
8	21.05	7.5	35.5	15.31	6.4	32.1	24.60	6.1	38.0
9	28.34	16.0	35.1	21.63	11.8	35.5	36.65	15.5	34.6
10	28.94	11.7	35.2	21.16	11.6	35.0	34.55	8.8	35.4
11	29.87	4.1	35.7	31.91	6.8	25.3	29.47	4.6	38.9
12	–	–	–	–	–	–	29.06	11.0	39.1
Social scientists, n.e.c.	22.69	23.7	34.6	33.49	11.9	26.4	18.25	28.8	39.7
Urban planners	24.25	4.4	36.3	–	–	–	24.75	4.5	36.1
7	17.31	9.3	38.9	–	–	–	–	–	–
9	24.36	5.0	39.8	–	–	–	24.36	5.0	39.8
10	26.08	7.6	37.9	–	–	–	26.08	7.6	37.9
11	30.90	2.4	39.3	–	–	–	–	–	–
Social, recreation, and religious workers	15.36	7.3	35.3	13.54	9.1	33.8	18.27	1.9	38.1
4	10.06	5.5	29.4	9.90	8.8	38.0	–	–	–
5	12.60	4.2	38.5	12.05	6.4	39.2	13.57	2.7	37.4
6	13.51	4.3	23.6	12.50	6.8	18.7	14.99	3.2	38.5
7	13.63	11.3	38.2	12.34	13.0	37.9	17.10	3.3	38.9
8	14.72	11.0	38.9	–	–	–	17.78	2.8	38.1
9	20.35	3.3	37.5	18.62	4.7	36.6	21.43	4.0	38.0
10	21.37	6.2	39.5	20.05	9.8	40.1	23.06	5.7	38.8
11	25.59	7.7	39.3	23.02	13.2	40.3	27.32	9.3	38.6
12	30.23	8.5	36.8	–	–	–	–	–	–
Not able to be leveled	20.29	6.3	36.2	–	–	–	19.76	7.5	36.6
Social workers	15.29	7.7	35.3	13.35	9.3	33.5	18.39	2.0	38.6
4	10.26	5.3	38.8	–	–	–	–	–	–
5	12.65	4.6	39.3	12.12	6.9	39.4	13.59	2.8	39.2
6	13.43	4.5	23.1	12.40	7.1	18.3	15.00	3.1	38.5
7	13.44	11.6	38.1	12.29	13.2	37.9	16.85	3.6	38.9
8	14.65	11.2	39.1	–	–	–	17.84	2.7	38.5
9	20.35	3.4	37.5	18.38	4.9	36.5	21.48	4.0	38.1
10	21.21	7.0	37.5	18.90	12.2	36.2	23.19	5.7	38.7
11	26.89	6.9	37.8	25.87	7.4	36.0	27.32	9.3	38.6
Not able to be leveled	20.98	6.0	38.2	–	–	–	19.98	7.5	38.7
Recreation workers	15.23	4.4	33.1	13.90	6.5	36.3	16.20	5.5	31.1
5	11.96	6.0	29.4	10.76	4.6	35.9	13.23	8.3	24.6
6	15.01	10.9	39.0	15.23	12.1	39.8	–	–	–
7	18.30	3.7	39.1	14.42	5.3	39.4	19.18	3.0	39.1
8	16.76	8.5	34.0	17.41	10.0	38.3	–	–	–
9	17.45	15.2	37.0	–	–	–	–	–	–
Clergy	18.35	11.9	43.5	18.37	11.9	43.7	–	–	–
8	15.76	8.5	37.1	15.76	8.5	37.1	–	–	–
9	19.01	6.4	36.5	19.01	6.4	36.5	–	–	–
11	18.03	35.5	50.9	18.03	35.5	50.9	–	–	–
Religious workers, n.e.c.	19.00	16.2	35.8	19.00	16.2	35.8	–	–	–
9	27.71	14.8	39.9	27.71	14.8	39.9	–	–	–

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Lawyers and judges	\$38.99	6.6	38.8	—	—	—	\$35.94	6.0	35.9
8	22.41	5.6	37.9	—	—	—	—	—	—
9	39.09	25.7	41.4	\$44.48	25.9	45.6	24.26	6.1	33.0
10	—	—	—	—	—	—	24.40	5.4	37.1
11	39.35	14.1	40.9	43.12	17.2	44.8	29.85	6.3	33.5
12	47.67	6.7	39.9	50.77	8.4	42.1	38.98	6.7	35.0
13	—	—	—	—	—	—	54.27	7.1	36.9
14	61.06	10.4	42.9	63.95	12.3	43.6	50.70	7.3	40.6
Not able to be leveled	40.54	10.1	37.1	62.47	14.5	42.3	37.95	10.4	36.5
Lawyers	38.77	6.5	38.8	—	—	—	34.37	6.6	35.9
8	22.41	5.6	37.9	—	—	—	—	—	—
9	39.60	26.1	42.2	44.48	25.9	45.6	23.60	6.2	34.1
10	—	—	—	—	—	—	24.68	5.6	37.0
11	39.32	14.1	41.2	43.12	17.2	44.8	29.72	6.4	34.2
12	47.65	6.7	39.9	50.77	8.4	42.1	38.71	6.8	34.9
13	—	—	—	—	—	—	54.85	6.8	36.8
14	61.83	11.7	43.4	63.95	12.3	43.6	—	—	—
Not able to be leveled	36.79	7.9	36.7	62.47	14.5	42.3	32.86	5.2	36.0
Judges	49.24	10.2	35.6	—	—	—	49.24	10.2	35.6
Not able to be leveled	55.15	8.2	38.5	—	—	—	55.15	8.2	38.5
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.31	3.4	32.6	23.22	3.7	32.4	24.68	7.4	34.5
4	9.67	5.9	37.4	9.66	5.9	37.8	—	—	—
5	12.99	9.2	36.8	12.91	9.4	37.8	16.28	20.4	16.8
6	15.38	8.3	38.9	15.37	9.0	38.8	15.65	7.3	39.6
7	21.02	3.5	39.3	21.19	3.7	39.5	19.12	5.0	37.7
8	22.68	4.0	39.4	22.81	4.2	39.4	20.39	4.4	39.2
9	24.26	4.0	39.2	24.23	4.2	39.2	24.84	3.3	38.8
10	28.06	4.3	38.2	28.74	4.4	37.9	—	—	—
11	38.55	5.1	39.1	38.81	5.2	39.1	—	—	—
12	37.35	4.2	40.6	38.73	3.1	40.7	—	—	—
13	44.36	2.9	39.5	44.36	2.9	39.5	—	—	—
14	50.39	3.1	40.7	48.54	2.7	41.2	—	—	—
Not able to be leveled	23.78	6.8	25.6	23.60	7.4	25.2	26.34	13.8	31.5
Technical writers	19.60	10.4	38.7	19.58	10.4	38.7	—	—	—
7	22.94	6.3	39.0	22.90	6.4	39.0	—	—	—
8	20.46	4.2	41.8	20.46	4.2	41.8	—	—	—
9	23.57	4.9	34.9	23.57	4.9	34.9	—	—	—
Designers	21.08	6.9	38.7	21.11	7.0	38.7	18.97	10.4	38.1
4	9.24	2.9	37.8	9.24	2.9	37.8	—	—	—
5	10.99	11.3	36.1	10.99	11.4	36.2	—	—	—
6	16.46	16.5	38.0	16.43	17.1	38.0	—	—	—
7	21.19	5.0	39.3	21.22	5.1	39.2	—	—	—
8	23.25	8.4	39.6	23.31	8.4	39.5	—	—	—
9	23.46	5.6	39.3	23.45	5.7	39.3	—	—	—
11	40.50	8.9	39.2	40.50	8.9	39.2	—	—	—
12	40.22	5.2	42.5	40.22	5.2	42.5	—	—	—
Musicians and composers	29.41	22.7	13.5	29.57	22.9	13.5	—	—	—
Not able to be leveled	29.41	22.7	13.5	29.57	22.9	13.5	—	—	—
Actors and directors	28.60	20.8	19.5	28.60	20.9	19.6	—	—	—
Not able to be leveled	28.60	20.8	19.5	28.60	20.9	19.6	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.78	18.0	39.1	21.94	18.8	39.1	—	—	—
Not able to be leveled	21.78	18.0	39.1	21.94	18.8	39.1	—	—	—
Photographers	19.10	8.4	39.3	19.17	9.2	39.2	—	—	—
5	15.70	15.7	40.2	15.70	15.7	40.2	—	—	—
6	17.69	7.6	38.2	17.31	10.1	37.6	—	—	—
7	26.53	23.0	41.1	—	—	—	—	—	—
8	21.19	6.3	39.2	21.19	6.3	39.2	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Photographers—Continued									
9	\$25.43	5.9	39.5	\$25.43	5.9	39.5	—	—	—
Artists, performers, and related workers, n.e.c.	17.68	15.5	29.4	17.67	21.9	29.9	\$17.69	3.2	28.5
Not able to be leveled	17.68	15.5	29.4	17.67	21.9	29.9	17.69	3.2	28.5
Editors and reporters	24.11	6.6	39.2	24.19	6.8	39.3	20.36	7.7	35.3
5	14.28	7.3	39.7	14.30	7.3	39.8	—	—	—
6	14.51	5.5	39.6	14.47	5.6	39.6	—	—	—
7	18.23	5.8	38.6	18.06	6.2	38.6	—	—	—
8	22.90	6.5	38.4	22.83	6.7	38.3	—	—	—
9	24.74	8.4	39.6	24.74	8.4	39.7	—	—	—
10	27.66	6.9	38.7	27.66	6.9	38.7	—	—	—
11	44.10	13.8	39.7	44.10	13.8	39.7	—	—	—
12	33.52	6.5	38.3	33.52	6.5	38.3	—	—	—
13	49.46	10.3	37.4	49.46	10.3	37.4	—	—	—
Not able to be leveled	48.81	26.8	42.0	48.81	26.8	42.0	—	—	—
Public relations specialists	24.18	6.9	37.8	23.56	7.0	39.1	25.53	14.7	35.2
5	13.16	11.1	28.2	13.29	13.5	39.0	—	—	—
6	14.88	6.7	39.8	15.41	7.3	39.7	—	—	—
7	22.52	8.9	39.5	21.54	12.4	39.7	—	—	—
8	24.70	9.0	39.1	25.95	9.4	39.1	—	—	—
9	22.66	4.2	38.9	21.37	5.9	38.6	24.50	3.5	39.4
10	26.40	10.1	39.9	—	—	—	—	—	—
Announcers	19.46	47.0	25.9	19.46	47.0	25.9	—	—	—
Not able to be leveled	19.46	47.0	25.9	19.46	47.0	25.9	—	—	—
Athletes	22.44	8.7	24.0	21.73	10.4	23.7	30.59	18.6	27.8
Not able to be leveled	22.44	8.7	24.0	21.73	10.4	23.7	30.59	18.6	27.8
Professional, n.e.c.	29.86	3.7	39.8	30.63	4.0	39.9	25.09	6.9	38.9
5	18.59	12.3	39.4	17.75	13.3	39.6	—	—	—
6	15.36	7.0	39.4	—	—	—	—	—	—
7	22.47	6.2	40.5	23.59	5.3	41.8	16.00	3.4	34.4
8	20.39	5.2	39.1	20.41	5.5	39.0	—	—	—
9	28.07	5.9	39.5	28.07	6.3	39.8	—	—	—
10	29.54	5.7	39.8	30.17	6.7	39.7	—	—	—
11	33.44	4.4	39.9	33.91	4.4	39.9	—	—	—
12	35.21	6.0	39.9	38.07	3.1	39.8	—	—	—
13	43.26	3.3	40.0	43.26	3.3	40.0	—	—	—
Not able to be leveled	29.75	6.9	39.8	30.23	7.8	39.7	27.33	14.7	40.0
Technical	19.12	1.7	36.2	19.59	1.9	35.9	16.40	1.7	37.6
2	9.77	4.2	34.7	9.88	5.4	33.4	9.48	3.8	38.8
3	9.36	4.7	32.8	9.34	5.1	33.2	9.55	4.6	29.1
4	12.98	1.7	34.9	13.25	1.9	34.3	11.78	3.6	37.5
5	15.21	3.9	35.5	15.36	4.4	35.3	14.11	2.1	37.4
6	16.70	2.2	36.7	17.04	2.5	36.4	15.44	2.8	37.7
7	18.76	1.9	38.4	18.83	2.2	38.5	18.38	1.8	38.1
8	21.14	1.2	37.6	21.38	1.3	37.5	19.91	2.6	38.1
9	27.25	2.5	37.2	27.86	2.9	37.0	23.03	2.5	38.2
10	30.71	4.7	32.0	31.15	5.2	31.7	23.22	10.2	38.7
11	68.35	13.7	29.1	70.76	14.2	28.7	25.99	7.8	38.8
12	96.72	33.9	35.8	96.72	33.9	35.8	—	—	—
Not able to be leveled	19.42	6.3	37.2	19.44	6.4	37.2	18.32	14.7	37.6
Clinical laboratory technologists and technicians	15.86	3.5	36.7	15.85	4.1	36.5	15.97	8.3	37.9
2	8.69	7.1	34.2	8.69	7.1	34.2	—	—	—
3	10.40	4.3	35.2	10.44	4.3	34.8	—	—	—
4	11.54	2.9	36.2	11.90	4.2	34.3	10.94	1.3	39.9
5	12.95	5.4	34.2	12.85	5.4	34.1	15.15	11.3	36.5
6	13.72	11.5	38.7	13.57	12.1	39.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Clinical laboratory technologists and technicians—Continued									
7	\$17.81	3.7	38.6	\$17.76	4.2	38.5	\$18.19	2.6	39.2
8	19.27	2.4	37.5	19.20	2.6	37.4	19.65	8.5	38.2
9	21.60	2.7	36.4	22.20	3.1	37.1	19.72	4.8	34.5
10	21.32	6.9	39.2	22.34	5.3	39.1	—	—	—
11	24.17	5.3	40.0	24.70	4.1	40.0	—	—	—
Dental hygienists	26.14	5.2	22.0	26.55	5.1	21.5	—	—	—
Health record technologists and technicians	11.54	11.7	35.6	11.24	12.2	35.7	15.07	11.6	34.1
2	9.33	6.8	35.9	—	—	—	—	—	—
4	11.47	7.2	34.7	11.46	7.4	34.8	—	—	—
5	14.11	5.7	31.8	13.78	5.6	31.8	—	—	—
6	14.83	6.8	40.0	14.81	7.4	40.0	—	—	—
Radiological technicians	20.32	3.5	35.2	20.35	3.7	35.5	20.02	10.4	33.0
4	16.65	7.2	33.5	17.54	7.6	32.0	—	—	—
6	18.22	3.0	33.7	18.54	3.5	33.7	16.54	2.6	34.2
7	21.28	3.2	32.2	20.91	3.0	33.3	25.07	12.9	24.4
8	21.76	5.0	36.6	20.58	3.1	37.6	28.08	16.1	32.2
9	22.86	4.2	38.7	23.21	4.8	38.4	—	—	—
Licensed practical nurses	14.59	1.1	34.9	14.77	1.3	34.4	13.81	3.0	37.4
4	13.44	2.8	36.4	13.97	2.3	35.8	11.22	5.4	39.6
5	14.62	2.4	34.8	14.73	2.8	34.5	14.09	2.9	36.5
6	14.62	1.9	33.7	14.92	1.7	32.7	13.68	4.0	37.4
7	16.14	2.1	35.9	15.87	2.1	35.9	17.41	4.5	35.6
8	16.84	3.8	37.0	16.92	3.6	36.4	16.58	11.1	39.1
Not able to be leveled	13.94	5.5	30.4	13.94	5.5	30.4	—	—	—
Health technologists and technicians, n.e.c.	14.54	3.9	33.3	14.42	5.2	32.0	14.90	3.0	37.5
2	9.52	5.8	39.6	10.28	9.0	39.1	—	—	—
3	9.28	6.6	30.6	9.28	7.4	30.5	9.27	8.8	31.2
4	11.74	1.9	29.3	11.94	2.3	28.0	11.10	2.8	34.3
5	12.99	3.5	32.5	13.00	4.0	31.7	12.94	6.0	38.5
6	15.26	3.0	36.8	15.03	3.4	35.5	15.63	5.0	39.1
7	17.72	1.9	38.9	17.79	3.0	37.8	17.63	2.2	40.2
8	19.62	3.2	34.7	20.19	4.0	33.5	18.42	4.0	37.6
9	23.51	1.9	37.5	23.09	2.9	37.6	24.42	2.2	37.4
Not able to be leveled	16.82	11.7	37.6	17.08	12.1	37.4	—	—	—
Electrical and electronic technicians	18.42	5.5	38.8	18.43	5.9	38.8	18.35	8.9	39.2
4	13.95	4.7	37.3	13.98	4.7	37.5	—	—	—
5	12.81	11.4	39.2	12.81	11.4	39.2	—	—	—
6	18.42	4.0	39.8	19.20	3.8	39.7	15.68	3.4	40.0
7	20.39	5.7	40.0	20.37	5.9	40.0	21.08	4.5	40.0
8	22.13	3.1	38.8	22.02	3.2	38.8	24.03	6.0	38.7
9	26.13	2.8	39.6	26.14	2.9	39.6	—	—	—
10	27.98	3.8	40.0	27.83	3.9	40.0	—	—	—
Not able to be leveled	19.07	10.8	37.9	19.07	10.8	37.9	—	—	—
Industrial engineering technicians	19.93	6.0	40.3	20.10	6.1	40.3	—	—	—
7	24.39	11.5	41.3	—	—	—	—	—	—
Mechanical engineering technicians	22.46	4.7	40.1	22.85	4.4	40.1	—	—	—
5	13.90	4.4	40.0	—	—	—	—	—	—
6	17.32	16.2	40.7	17.32	16.2	40.7	—	—	—
7	22.93	7.8	40.0	22.94	8.0	40.0	—	—	—
8	25.00	3.3	39.9	25.00	3.3	39.9	—	—	—
Engineering technicians, n.e.c.	20.63	3.0	39.5	21.43	3.5	39.8	18.11	3.1	38.7
4	12.52	4.2	37.1	12.48	4.3	38.5	—	—	—
5	14.64	5.2	39.1	14.97	7.6	39.9	13.98	5.4	37.6
6	18.88	7.4	39.5	19.27	9.2	39.8	17.71	5.7	38.7
7	19.59	2.7	39.9	20.56	3.8	40.0	17.99	3.1	39.7
8	22.43	3.7	40.0	23.30	3.5	40.0	19.98	7.1	39.8
9	26.00	8.2	39.5	25.99	8.5	39.5	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels;² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Engineering technicians, n.e.c.—Continued									
10	\$27.52	4.3	39.3	\$27.45	5.2	40.0	—	—	—
11	31.99	4.2	40.0	31.99	4.2	40.0	—	—	—
Drafters	19.89	2.9	39.9	19.91	3.1	40.0	\$19.72	4.9	39.1
3	11.30	8.5	38.7	11.30	8.5	38.7	—	—	—
4	16.67	4.0	40.0	16.74	3.9	40.0	—	—	—
5	16.38	3.6	39.1	16.23	3.7	39.4	—	—	—
6	19.82	5.0	40.0	19.95	5.0	40.0	—	—	—
7	17.72	5.4	40.0	17.15	5.1	40.0	21.74	5.0	39.7
8	20.40	3.9	40.2	20.42	3.9	40.2	—	—	—
9	25.04	2.5	40.0	25.39	2.5	40.0	—	—	—
10	35.21	5.0	40.0	35.21	5.0	40.0	—	—	—
11	35.75	5.4	39.3	35.75	5.4	39.3	—	—	—
Surveying and mapping technicians	16.56	7.1	39.8	16.01	8.8	40.0	18.43	5.6	39.2
5	15.21	2.5	39.7	—	—	—	14.21	9.5	38.3
6	17.90	13.8	40.5	15.68	6.1	40.8	—	—	—
7	16.95	4.8	39.6	—	—	—	16.87	7.0	38.3
8	22.18	5.5	40.0	—	—	—	21.06	4.0	40.0
Biological technicians	16.17	5.1	36.6	17.76	6.9	38.0	13.63	5.8	34.5
4	12.23	9.8	39.5	14.01	7.9	39.2	—	—	—
5	14.26	5.2	39.7	14.10	10.4	40.0	—	—	—
6	17.14	12.8	39.3	—	—	—	—	—	—
7	18.15	5.8	33.7	19.66	7.0	33.4	16.17	8.0	34.0
8	21.74	9.1	39.0	24.07	6.4	38.8	—	—	—
Chemical technicians	17.80	3.9	39.9	17.70	4.0	39.9	20.60	5.7	40.0
4	16.06	6.4	39.6	16.05	6.5	39.6	—	—	—
5	15.09	2.2	39.8	15.08	2.2	39.8	—	—	—
6	19.44	6.2	40.1	19.40	6.3	40.1	—	—	—
7	18.86	6.2	39.6	18.83	6.3	39.6	—	—	—
8	20.12	4.5	40.0	20.18	4.9	40.0	19.51	4.5	40.0
Science technicians, n.e.c.	19.79	9.1	39.6	20.08	9.4	39.9	16.77	4.8	37.2
4	14.20	5.3	40.0	14.17	5.8	40.0	—	—	—
5	17.98	3.6	36.8	17.86	3.6	37.1	—	—	—
6	17.95	6.8	37.8	20.19	4.0	39.6	15.14	7.4	35.8
7	21.22	8.6	39.9	21.82	8.2	40.0	15.90	9.3	39.0
8	18.99	5.8	39.1	19.36	7.0	38.8	17.75	7.4	40.0
9	25.81	7.1	40.0	25.69	7.6	40.0	—	—	—
Not able to be leveled	19.69	14.0	41.1	—	—	—	—	—	—
Airplane pilots and navigators	101.47	9.1	21.3	102.97	9.1	21.1	—	—	—
8	27.63	19.6	24.2	27.63	19.6	24.2	—	—	—
9	65.55	12.6	25.4	68.84	12.4	24.7	—	—	—
10	81.82	25.5	29.3	81.82	25.5	29.3	—	—	—
11	136.78	5.8	19.4	136.78	5.8	19.4	—	—	—
Broadcast equipment operators	15.48	12.3	35.8	14.38	14.7	35.3	20.61	11.6	37.9
2	8.16	1.8	28.3	8.16	1.8	28.3	—	—	—
3	7.70	2.9	29.7	—	—	—	—	—	—
4	11.72	14.1	36.6	11.71	14.9	36.5	—	—	—
5	12.31	8.4	39.9	—	—	—	—	—	—
6	17.20	8.0	39.5	17.94	9.2	40.0	—	—	—
Computer programmers	24.31	3.3	38.8	24.61	3.5	38.7	21.27	5.0	39.6
5	16.79	4.7	38.7	16.93	4.9	39.0	—	—	—
6	20.58	6.1	39.5	20.90	6.6	39.5	17.86	5.7	40.0
7	18.67	9.5	39.1	18.69	10.1	39.1	—	—	—
8	22.75	4.1	39.9	23.45	3.7	39.9	19.00	8.1	39.9
9	27.00	2.7	37.7	27.28	2.8	37.4	24.92	4.9	39.8
10	33.85	3.4	39.7	33.87	3.4	39.7	—	—	—
11	30.52	8.1	40.3	30.52	8.1	40.3	—	—	—
Tool programmers, numerical control	17.81	5.5	40.1	17.81	5.5	40.1	—	—	—
7	16.94	5.8	40.0	16.94	5.8	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Technical –Continued									
Legal assistants	\$17.46	3.6	38.5	\$17.65	3.8	38.5	\$15.91	6.8	39.1
4	11.34	7.3	39.3	11.16	8.9	39.5	–	–	–
5	15.48	4.6	36.7	–	–	–	14.16	7.9	38.0
6	16.82	8.6	37.2	17.08	10.4	36.6	15.53	5.9	40.0
7	18.38	7.0	38.8	18.48	8.1	38.8	17.78	10.2	39.0
8	20.63	2.8	41.3	20.70	2.9	41.4	–	–	–
9	23.77	6.3	39.5	24.24	6.6	39.4	–	–	–
Technical and related, n.e.c.	19.04	3.4	37.7	19.62	4.3	37.9	17.50	4.6	37.2
2	9.76	3.2	28.8	9.64	4.9	23.4	–	–	–
3	10.77	7.7	32.5	–	–	–	–	–	–
4	14.59	5.2	37.9	14.26	6.1	37.3	15.33	7.5	39.3
5	15.15	6.9	38.9	16.12	7.2	39.7	13.37	4.6	37.5
6	16.19	5.3	37.9	16.38	6.4	39.4	15.80	9.5	35.0
7	18.72	6.7	39.4	18.43	9.8	40.2	19.31	3.2	37.8
8	20.63	5.4	36.9	21.54	8.4	36.7	19.22	5.8	37.2
9	25.64	3.5	40.3	25.77	4.1	40.3	–	–	–
10	27.68	5.2	40.3	28.90	5.2	40.3	–	–	–
11	35.80	14.4	40.0	37.67	14.2	40.0	–	–	–
Not able to be leveled	21.45	9.9	34.3	21.45	9.9	34.3	–	–	–
Executive, administrative, and managerial									
4	10.46	4.5	41.5	10.44	4.6	41.5	–	–	–
5	14.14	2.6	39.0	13.95	2.8	39.1	15.65	3.6	38.4
6	15.64	2.8	39.5	15.60	3.4	39.8	15.75	3.5	38.5
7	18.29	1.2	40.2	18.18	1.3	40.4	18.96	1.8	39.0
8	20.60	2.4	39.3	20.63	2.8	39.3	20.43	2.3	39.1
9	26.10	1.5	40.2	26.38	1.6	40.4	24.76	2.8	39.2
10	30.70	5.7	39.6	31.25	7.0	39.8	28.78	4.8	38.9
11	34.40	3.2	41.1	34.81	4.1	41.6	33.03	3.3	39.5
12	41.77	1.5	40.4	42.17	1.6	40.6	40.20	4.0	39.5
13	53.25	4.0	40.9	54.75	4.2	41.1	45.26	10.0	40.0
14	63.56	3.8	41.1	65.89	3.7	41.4	47.10	9.4	39.1
15	92.15	9.4	40.2	92.28	9.6	40.2	–	–	–
Not able to be leveled	33.33	4.7	38.1	34.27	5.5	39.7	28.42	4.8	31.3
Executives, administrators, and managers	31.70	2.3	40.6	31.59	2.7	41.0	32.22	2.5	38.7
4	9.67	5.6	42.0	9.62	5.7	42.0	–	–	–
5	12.52	4.0	40.9	12.43	4.1	41.0	14.65	5.6	38.7
6	14.14	3.0	40.1	13.99	3.1	40.2	15.40	5.0	39.8
7	17.60	2.0	41.1	17.44	2.2	41.4	18.99	3.3	39.2
8	20.26	4.2	39.9	20.21	4.6	40.0	20.81	4.5	39.5
9	26.67	1.8	40.8	26.78	2.1	41.1	26.06	2.8	39.3
10	32.50	7.9	40.2	32.89	9.5	40.4	30.87	5.4	39.5
11	34.00	2.8	41.1	34.01	3.6	41.7	33.96	2.7	39.5
12	42.47	1.6	40.5	43.00	1.6	40.8	40.64	4.1	39.4
13	52.62	4.1	41.5	54.04	4.4	41.8	45.52	10.1	39.9
14	64.46	3.9	41.1	67.09	3.7	41.5	47.10	9.4	39.1
15	96.35	8.6	40.3	96.60	8.8	40.3	–	–	–
Not able to be leveled	36.34	5.8	37.9	38.23	6.9	40.2	28.88	4.9	30.9
Legislators	12.46	22.7	13.0	–	–	–	12.46	22.7	13.0
Not able to be leveled	12.46	22.7	13.0	–	–	–	12.46	22.7	13.0
Chief executives and general administrators, public administration	23.05	32.8	42.8	–	–	–	42.06	5.4	38.9
12	38.45	12.8	40.7	–	–	–	38.45	12.8	40.7
Administrators and officials, public administration	28.38	2.3	39.4	29.60	9.5	39.6	28.34	2.4	39.4
5	14.88	7.3	39.4	–	–	–	14.88	7.3	39.4
6	14.14	9.4	40.1	–	–	–	13.79	12.3	40.1
7	18.69	4.6	38.9	–	–	–	18.69	4.6	38.9
8	19.81	4.6	39.2	–	–	–	19.34	4.1	39.2

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Administrators and officials, public administration—Continued									
9	\$25.43	3.1	39.5	—	—	—	\$25.43	3.1	39.5
10	27.80	7.4	40.5	—	—	—	27.08	8.3	40.6
11	29.01	6.0	39.5	—	—	—	29.07	6.1	39.5
12	37.11	2.9	39.9	—	—	—	37.16	3.0	40.0
13	35.60	9.3	39.7	—	—	—	35.60	9.3	39.7
14	42.37	15.0	38.2	—	—	—	42.37	15.0	38.2
Not able to be leveled	33.76	6.6	37.6	—	—	—	33.43	6.7	37.6
Financial managers	34.25	8.7	40.2	\$33.98	9.4	40.2	38.30	12.0	39.4
6	13.70	16.1	39.9	13.70	16.1	39.9	—	—	—
7	18.14	3.4	41.6	18.14	3.4	41.6	—	—	—
8	18.83	5.9	40.3	18.78	5.9	40.3	—	—	—
9	26.03	3.7	40.5	26.01	3.9	40.6	26.40	5.6	40.0
10	42.98	28.4	41.0	43.65	28.7	41.0	—	—	—
11	37.27	6.9	40.2	37.53	7.6	40.5	35.21	5.4	38.2
12	44.97	5.4	40.1	46.38	5.4	40.1	32.99	5.0	40.0
13	69.06	23.9	40.1	73.37	29.5	40.1	56.66	2.5	40.1
14	76.95	18.8	39.2	76.95	18.8	39.2	—	—	—
Not able to be leveled	42.45	6.7	33.5	42.40	6.9	33.3	—	—	—
Personnel and labor relations managers	29.63	12.2	42.1	28.96	13.3	42.3	36.53	6.8	39.3
6	15.92	18.9	40.0	—	—	—	—	—	—
7	21.37	11.9	41.2	21.37	11.9	41.2	—	—	—
8	—	—	—	—	—	—	19.53	4.1	39.1
9	23.73	5.3	40.8	22.20	3.7	41.0	—	—	—
10	34.64	8.4	40.2	35.17	8.9	40.2	—	—	—
11	34.99	6.2	42.1	34.60	6.8	42.3	—	—	—
12	41.39	2.8	40.9	40.92	3.0	41.1	44.15	8.6	39.6
13	45.63	7.7	40.4	46.13	11.2	41.6	—	—	—
14	76.15	6.6	41.5	76.15	6.6	41.5	—	—	—
Purchasing managers	—	—	—	—	—	—	32.36	23.2	39.7
7	17.45	8.0	40.0	16.96	8.2	40.0	—	—	—
8	20.96	8.2	40.9	21.59	9.5	41.0	—	—	—
9	23.99	2.7	40.2	24.12	2.9	40.2	—	—	—
10	34.25	5.3	40.0	34.10	5.4	40.0	—	—	—
12	39.31	4.2	40.3	39.38	4.3	40.4	—	—	—
Managers, marketing, advertising, and public relations	37.48	3.4	41.0	37.50	3.4	41.0	35.21	15.8	41.3
7	20.90	4.9	39.3	20.75	5.1	39.3	—	—	—
8	22.01	12.3	40.6	22.04	12.4	40.7	—	—	—
9	29.87	5.6	40.2	29.89	5.6	40.2	—	—	—
10	33.32	7.3	40.7	33.32	7.3	40.7	—	—	—
11	37.93	5.7	40.5	37.78	5.9	40.4	—	—	—
12	44.40	3.4	41.9	44.41	3.4	41.9	—	—	—
13	52.80	4.4	42.2	52.81	4.4	42.2	—	—	—
14	60.53	7.3	43.1	60.53	7.3	43.1	—	—	—
Not able to be leveled	42.56	11.7	39.1	—	—	—	—	—	—
Administrators, education and related fields	33.29	3.9	38.9	23.48	6.3	37.9	37.01	3.8	39.3
6	12.72	3.4	41.1	12.72	3.4	41.1	—	—	—
7	17.99	6.3	32.7	17.33	7.4	31.3	20.61	5.2	39.7
8	21.55	6.3	39.3	18.95	7.9	39.0	24.16	7.3	39.6
9	26.30	7.1	39.1	21.96	3.9	39.9	28.61	10.2	38.6
10	35.25	4.3	38.6	24.53	7.2	40.1	36.73	4.4	38.4
11	35.94	2.3	39.7	28.06	4.8	39.5	36.88	2.3	39.7
12	42.96	6.2	38.9	39.91	5.2	40.1	43.27	6.7	38.8
13	48.15	6.4	40.8	45.59	6.1	38.7	48.49	7.1	41.1
14	55.85	9.8	41.7	64.54	18.1	42.9	49.32	5.2	40.9

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Administrators, education and related fields—Continued									
Not able to be leveled	\$26.82	8.7	39.1	\$24.14	13.9	38.5	\$28.47	12.2	39.4
Managers, medicine and health	31.47	4.1	39.1	31.23	3.9	39.1	32.54	13.0	39.0
6	17.08	4.6	28.1	—	—	—	—	—	—
8	20.50	9.0	39.4	22.32	4.6	39.4	15.35	19.7	39.2
9	26.62	7.4	39.1	27.05	7.9	39.0	23.80	2.7	39.6
10	29.17	4.8	40.4	29.40	4.9	40.5	25.01	6.7	39.2
11	31.75	2.6	39.1	32.82	2.6	39.7	28.74	5.5	37.6
12	40.55	4.1	39.5	41.34	4.7	39.3	37.80	8.3	40.5
13	53.90	7.5	38.5	50.34	6.9	38.9	59.88	6.8	37.8
14	65.98	6.9	40.9	65.48	8.2	41.3	—	—	—
Not able to be leveled	39.70	7.9	39.1	42.46	8.7	38.7	—	—	—
Managers, food servicing and lodging establishments	17.00	5.0	42.5	16.51	5.0	42.9	21.60	14.1	39.4
5	12.28	6.1	41.6	12.27	6.3	41.8	—	—	—
6	14.95	5.1	42.6	14.26	6.0	44.1	—	—	—
7	14.49	7.3	41.3	14.18	7.4	41.4	—	—	—
8	14.61	11.8	43.4	14.37	12.2	43.6	—	—	—
9	22.67	5.1	44.2	22.44	6.0	45.1	—	—	—
10	22.10	9.5	46.3	21.99	9.6	46.8	—	—	—
11	30.42	12.9	45.3	30.46	13.0	45.4	—	—	—
12	31.48	8.5	40.4	—	—	—	—	—	—
Managers, properties and real estate	20.26	6.8	39.5	20.07	7.3	39.5	23.21	7.7	39.3
5	14.09	15.3	40.0	14.09	15.3	40.0	—	—	—
6	14.29	12.7	40.0	14.29	12.9	40.0	—	—	—
7	17.60	10.3	37.6	17.61	11.0	37.4	—	—	—
8	17.38	13.5	39.9	17.37	13.8	40.0	—	—	—
9	24.43	11.4	40.8	24.78	13.5	41.0	—	—	—
12	45.62	12.4	40.5	—	—	—	—	—	—
Managers, service organizations, n.e.c.	27.06	7.8	38.3	27.44	8.3	38.2	22.45	4.5	39.0
6	14.76	5.1	39.1	13.81	5.8	39.3	16.40	6.6	38.7
7	15.59	7.0	39.2	15.61	7.4	39.3	15.14	8.9	38.3
8	21.42	13.0	31.8	21.46	13.5	31.6	—	—	—
9	24.34	4.3	39.1	24.60	4.9	39.1	21.65	7.0	39.0
10	29.05	4.5	38.8	29.50	4.5	38.8	—	—	—
11	29.12	6.6	39.5	29.83	8.1	39.7	26.18	3.2	38.9
12	35.19	7.6	42.0	35.10	7.8	42.1	—	—	—
13	49.71	9.3	35.9	49.71	9.3	35.9	—	—	—
Not able to be leveled	35.57	22.8	39.6	35.57	22.8	39.6	—	—	—
Managers and administrators, n.e.c.	33.07	3.7	41.6	33.22	3.9	41.7	30.06	4.3	39.8
5	12.39	6.7	41.3	12.37	6.7	41.4	—	—	—
6	13.65	4.7	40.5	13.61	4.7	40.5	—	—	—
7	17.68	3.2	43.2	17.59	3.4	43.5	19.07	6.1	39.4
8	21.97	6.6	40.8	21.93	6.8	40.8	22.74	6.5	40.1
9	27.72	2.7	42.1	27.82	2.8	42.2	25.99	5.1	39.7
10	29.66	2.6	39.7	29.64	2.7	39.7	30.16	4.5	38.5
11	35.33	2.2	41.6	35.34	2.4	41.7	35.27	5.7	40.2
12	42.94	1.9	40.8	43.20	1.9	40.9	39.74	3.1	40.6
13	52.45	2.5	42.4	52.56	2.5	42.4	41.99	3.5	44.0
14	65.55	3.3	41.7	65.67	3.3	41.8	—	—	—
15	98.05	10.3	40.1	98.41	10.5	40.1	—	—	—
Not able to be leveled	39.36	8.7	40.7	40.02	9.2	40.9	29.67	7.4	37.6
Management related	23.65	2.4	39.1	24.25	2.7	39.2	21.09	2.3	38.7
4	11.08	7.0	41.1	11.08	7.0	41.1	—	—	—
5	15.33	2.2	37.8	15.22	2.5	37.7	15.84	4.2	38.4
6	16.31	3.8	39.3	16.48	4.8	39.6	15.82	4.1	38.3

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
7	\$19.00	1.2	39.2	\$19.01	1.4	39.3	\$18.95	2.1	38.9
8	20.95	2.2	38.6	21.14	2.6	38.5	20.25	2.6	38.9
9	25.19	2.0	39.3	25.69	2.1	39.3	23.25	4.2	39.0
10	27.21	3.0	38.6	27.67	3.1	38.7	26.02	7.1	38.3
11	35.84	9.5	41.1	37.31	10.1	41.3	26.78	5.8	39.6
12	37.42	3.8	39.6	37.86	4.0	39.5	32.11	4.8	40.3
13	62.68	10.4	33.7	63.86	10.2	33.6	—	—	—
14	48.66	3.4	40.0	48.66	3.4	40.0	—	—	—
Not able to be leveled	27.33	7.5	38.5	27.44	8.1	39.0	26.08	14.8	33.3
Accountants and auditors	22.33	3.3	38.8	22.81	3.8	38.7	20.14	3.3	38.9
5	16.41	3.3	37.6	16.33	3.8	37.4	16.71	6.7	38.5
6	18.88	4.3	39.4	20.39	3.7	39.3	16.41	4.9	39.6
7	18.97	2.4	38.4	19.08	2.6	38.4	17.91	3.2	38.7
8	19.97	2.6	39.9	20.12	2.9	39.9	19.24	5.0	39.8
9	23.22	4.7	38.9	23.53	5.7	39.1	22.25	7.6	38.2
10	26.63	2.8	39.9	26.55	3.2	40.2	26.99	4.2	38.7
11	29.79	4.5	38.7	29.97	4.7	38.6	—	—	—
12	37.09	7.8	39.9	38.47	7.4	39.9	—	—	—
Not able to be leveled	22.69	4.8	39.7	22.72	4.8	39.7	—	—	—
Underwriters	24.02	7.4	38.6	24.02	7.4	38.6	—	—	—
5	15.12	8.0	39.0	15.12	8.0	39.0	—	—	—
6	14.99	4.5	39.4	14.99	4.5	39.4	—	—	—
7	17.24	6.6	39.3	17.24	6.6	39.3	—	—	—
8	20.99	5.5	39.3	20.99	5.5	39.3	—	—	—
9	23.98	12.4	37.6	23.98	12.4	37.6	—	—	—
11	32.84	6.1	40.7	32.84	6.1	40.7	—	—	—
Other financial officers	25.15	4.3	39.3	25.15	4.6	39.4	25.11	7.1	38.1
5	13.44	2.8	39.2	13.49	2.9	39.2	—	—	—
6	14.31	4.5	40.2	14.31	4.5	40.2	—	—	—
7	16.90	3.1	40.4	16.73	3.3	40.4	18.92	3.4	39.9
8	20.47	10.0	39.7	20.55	10.5	39.8	18.87	8.2	38.8
9	26.66	4.2	37.6	26.83	4.5	37.5	24.37	4.3	39.8
10	27.77	4.1	38.5	27.62	6.2	40.3	—	—	—
11	35.96	10.0	41.4	36.56	10.4	41.5	—	—	—
12	40.53	11.2	39.1	41.58	12.3	38.9	—	—	—
13	72.97	14.8	38.8	72.97	14.8	38.8	—	—	—
Not able to be leveled	29.92	11.4	37.6	29.97	11.4	37.7	—	—	—
Management analysts	26.61	4.2	37.7	28.22	3.5	37.4	21.93	6.1	38.7
6	17.66	4.9	40.0	17.66	4.9	40.0	—	—	—
7	19.18	7.5	40.0	21.03	6.9	40.2	—	—	—
8	21.78	3.9	29.3	21.98	4.3	29.0	20.01	7.3	33.0
9	26.76	3.0	39.5	27.30	3.4	39.8	24.68	6.4	38.0
10	24.22	11.5	39.6	27.37	12.9	39.6	19.04	5.4	39.6
11	27.82	8.9	39.8	31.88	2.1	40.1	23.96	9.1	39.4
12	36.42	4.2	39.7	36.48	4.3	39.7	—	—	—
13	45.02	15.6	40.0	45.02	15.6	40.0	—	—	—
Not able to be leveled	37.96	8.1	40.7	37.96	8.1	40.7	—	—	—
Personnel, training, and labor relations specialists	22.05	3.1	38.8	22.31	3.8	38.8	20.80	3.8	38.8
5	13.43	4.6	39.6	13.10	3.7	39.8	17.20	12.0	37.9
6	16.09	8.3	39.7	16.30	11.8	40.0	15.48	7.7	38.7
7	19.16	2.8	38.7	19.41	3.0	39.0	18.05	7.2	37.6
8	21.99	3.6	37.1	22.36	3.9	36.9	19.20	3.4	39.5
9	25.47	4.4	39.8	25.99	5.2	39.7	23.28	2.5	39.9
10	29.01	4.8	30.7	25.96	4.6	25.8	32.50	6.9	39.0
11	27.76	4.0	40.5	27.87	4.3	40.6	—	—	—
12	34.32	3.8	40.1	34.42	3.9	40.2	—	—	—
Not able to be leveled	23.99	12.5	39.9	27.08	11.7	40.6	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Purchasing agents and buyers, farm products ..	\$26.67	17.2	39.5	\$27.93	17.4	39.4	—	—	—
Buyers, wholesale and retail trade, except farm products ..	21.56	6.3	40.1	21.58	6.4	40.1	—	—	—
6	18.89	12.4	40.3	18.97	13.1	40.3	—	—	—
7	18.46	4.5	40.5	18.46	4.5	40.5	—	—	—
8	32.75	38.4	41.7	32.75	38.4	41.7	—	—	—
9	25.91	5.9	41.3	25.94	6.0	41.3	—	—	—
11	26.07	11.3	45.4	26.07	11.3	45.4	—	—	—
Purchasing agents and buyers, n.e.c.	25.17	7.5	39.9	27.07	5.8	39.9	\$16.71	9.3	39.9
5	16.52	6.2	39.7	16.52	6.3	39.7	—	—	—
6	15.50	14.1	39.9	19.98	3.0	40.1	—	—	—
7	19.54	3.3	39.8	19.47	3.7	39.8	20.21	4.9	39.4
8	20.90	4.0	40.2	21.54	4.0	40.2	19.03	5.7	40.0
9	25.92	8.1	39.9	27.73	4.4	40.0	18.14	7.7	39.9
10	33.15	9.3	40.7	34.00	9.0	40.8	—	—	—
11	38.60	6.0	39.7	38.60	6.0	39.7	—	—	—
12	36.56	3.3	40.5	36.56	3.3	40.5	—	—	—
Construction inspectors	21.95	3.4	39.3	20.71	5.7	40.6	22.33	3.8	39.0
5	17.50	7.6	39.4	—	—	—	17.63	11.7	39.0
6	17.98	4.6	40.8	—	—	—	18.26	4.1	40.0
7	22.03	6.4	39.8	20.41	9.1	40.0	22.63	7.3	39.7
8	22.75	6.8	37.9	—	—	—	22.12	7.4	37.7
9	25.01	4.4	39.4	—	—	—	26.05	3.3	39.3
Inspectors and compliance officers, except construction	21.54	3.2	38.9	25.17	3.4	40.1	19.78	3.4	38.4
5	16.84	4.8	39.0	—	—	—	16.84	4.8	39.0
6	16.42	3.2	35.1	—	—	—	16.29	2.8	34.7
7	19.81	7.2	38.5	—	—	—	18.08	4.4	38.0
8	19.96	2.2	39.1	20.83	3.3	36.2	19.77	2.4	39.8
9	23.07	3.0	40.2	24.16	3.7	41.2	22.03	3.7	39.4
10	27.84	3.0	40.2	—	—	—	—	—	—
11	27.96	6.3	40.2	28.59	15.0	40.4	—	—	—
Management related, n.e.c.	24.92	6.2	39.4	25.45	7.2	39.6	22.33	3.2	38.4
4	11.12	10.4	43.5	11.12	10.4	43.5	—	—	—
5	15.27	4.3	36.0	15.67	4.9	35.8	12.89	4.2	37.7
6	17.17	4.0	39.0	17.36	4.4	39.1	15.71	6.5	38.1
7	19.57	2.0	39.5	19.71	2.6	39.4	19.14	2.2	39.6
8	21.01	2.8	38.9	21.01	3.2	39.0	21.03	5.8	38.5
9	26.23	2.4	39.6	26.28	2.8	39.8	25.98	2.4	38.7
10	28.43	4.1	39.6	29.06	4.7	39.5	26.96	7.2	40.0
11	44.67	17.8	43.1	47.14	18.0	43.7	30.01	5.6	39.8
12	35.85	3.6	39.4	35.96	3.8	39.2	—	—	—
Not able to be leveled	29.82	17.2	37.3	29.55	21.0	39.0	31.03	8.9	31.1
Sales	13.74	2.5	32.7	13.74	2.6	32.7	12.79	5.4	32.5
1	6.74	1.1	25.4	6.74	1.1	25.4	7.10	4.8	22.1
2	6.94	1.4	26.1	6.93	1.4	26.1	8.81	4.0	20.7
3	8.59	1.7	29.4	8.57	1.7	29.3	10.70	5.3	32.3
4	12.08	3.1	37.0	12.08	3.2	37.0	12.96	4.6	39.0
5	15.79	5.1	40.1	15.79	5.1	40.1	16.19	6.8	40.0
6	19.19	4.1	40.9	19.19	4.1	40.9	—	—	—
7	19.65	10.9	40.6	19.67	11.0	40.6	16.61	1.1	39.4
8	24.22	3.5	41.2	24.23	3.5	41.2	—	—	—
9	31.40	5.2	41.1	31.41	5.2	41.1	—	—	—
10	36.88	7.6	42.0	36.96	7.6	42.0	—	—	—
11	38.67	5.6	41.1	38.76	5.6	41.2	—	—	—
12	44.17	5.7	40.1	44.17	5.7	40.1	—	—	—
Not able to be leveled	18.77	16.9	31.9	18.77	16.9	31.9	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Supervisors, sales	\$16.57	3.8	40.8	\$16.57	3.8	40.8	\$16.01	9.6	39.4
3	9.00	4.2	38.3	9.00	4.2	38.3	—	—	—
4	10.22	3.1	40.0	10.21	3.2	40.0	—	—	—
5	12.95	2.7	41.1	12.92	2.7	41.1	—	—	—
6	17.36	10.4	41.6	17.37	10.4	41.6	—	—	—
8	20.90	3.5	42.0	20.91	3.5	42.0	—	—	—
9	28.51	3.5	41.3	28.52	3.5	41.3	—	—	—
10	30.21	7.8	43.0	30.21	7.8	43.0	—	—	—
11	39.69	11.2	41.0	39.69	11.2	41.0	—	—	—
12	36.59	15.4	40.0	36.59	15.4	40.0	—	—	—
Not able to be leveled	18.41	22.2	39.7	18.41	22.2	39.7	—	—	—
Insurance sales	21.99	6.3	39.5	22.08	6.4	39.5	—	—	—
4	13.58	7.0	39.2	13.58	7.0	39.2	—	—	—
5	14.61	3.7	39.0	14.61	3.7	39.0	—	—	—
6	20.82	3.6	39.4	20.82	3.6	39.4	—	—	—
7	22.77	8.4	39.0	24.23	7.0	38.8	—	—	—
8	25.83	7.3	39.2	25.83	7.3	39.2	—	—	—
9	43.39	10.1	41.2	43.50	10.1	41.2	—	—	—
Real estate sales	19.40	9.9	35.6	19.29	10.2	35.6	23.81	6.9	37.9
4	11.73	5.5	35.2	11.73	5.6	35.2	—	—	—
5	14.93	13.6	35.0	14.93	13.6	35.0	—	—	—
7	33.23	25.2	38.5	33.73	25.8	38.4	—	—	—
8	25.13	15.5	38.3	25.13	15.6	38.3	—	—	—
Securities and financial services sales	31.70	9.7	40.0	31.70	9.7	40.0	—	—	—
4	15.84	17.7	39.1	15.84	17.7	39.1	—	—	—
5	13.33	3.4	39.5	13.33	3.4	39.5	—	—	—
6	14.88	5.2	39.9	14.88	5.2	39.9	—	—	—
7	29.81	33.6	39.0	29.81	33.6	39.0	—	—	—
9	26.55	6.6	39.3	26.55	6.6	39.3	—	—	—
11	41.65	12.4	42.2	41.65	12.4	42.2	—	—	—
Not able to be leveled	30.66	17.9	39.0	30.66	17.9	39.0	—	—	—
Advertising and related sales	21.58	7.7	38.5	21.58	7.7	38.5	—	—	—
5	17.07	8.8	37.2	17.07	8.8	37.2	—	—	—
6	18.54	9.3	39.2	18.51	9.4	39.2	—	—	—
7	17.85	7.2	39.6	17.85	7.2	39.6	—	—	—
8	23.16	7.8	39.5	23.16	7.8	39.5	—	—	—
9	28.30	14.0	40.4	28.30	14.0	40.4	—	—	—
11	37.46	8.3	41.0	37.46	8.3	41.0	—	—	—
Sales, other business services	19.98	7.8	37.1	19.98	7.8	37.1	—	—	—
3	9.17	14.3	28.0	9.17	14.3	28.0	—	—	—
4	12.41	7.8	35.8	12.41	7.8	35.8	—	—	—
5	15.12	6.9	41.5	15.10	6.9	41.5	—	—	—
6	19.24	7.1	40.3	19.24	7.1	40.3	—	—	—
7	24.03	8.4	38.9	24.03	8.4	38.9	—	—	—
8	25.87	7.9	40.4	25.88	8.0	40.4	—	—	—
9	29.57	11.4	40.2	29.57	11.4	40.2	—	—	—
10	29.09	9.6	39.9	29.09	9.6	39.9	—	—	—
11	50.60	21.4	40.5	51.03	21.5	40.6	—	—	—
Not able to be leveled	50.10	43.7	38.8	50.10	43.7	38.8	—	—	—
Sales engineers	34.85	7.0	40.7	34.85	7.0	40.7	—	—	—
7	24.98	13.8	42.1	24.98	13.8	42.1	—	—	—
9	28.25	5.6	41.2	28.25	5.6	41.2	—	—	—
10	34.37	12.1	40.8	34.37	12.1	40.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	24.60	5.0	40.4	24.60	5.0	40.4	—	—	—
4	12.44	10.6	39.5	12.44	10.6	39.5	—	—	—
5	19.89	9.3	39.7	19.89	9.3	39.7	—	—	—
6	19.93	5.1	40.9	19.93	5.1	40.9	—	—	—
7	27.51	13.7	40.4	27.51	13.7	40.4	—	—	—
8	27.08	7.7	40.7	27.08	7.7	40.7	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales representatives, mining, manufacturing, and wholesale—Continued									
9	\$38.77	14.5	40.6	\$38.77	14.5	40.6	—	—	—
10	35.35	14.4	41.3	35.35	14.4	41.3	—	—	—
11	33.43	7.7	40.8	33.43	7.7	40.8	—	—	—
12	45.71	4.9	40.9	45.71	4.9	40.9	—	—	—
Sales workers, motor vehicles and boats									
3	18.58	6.0	45.7	18.58	6.0	45.7	—	—	—
4	15.12	15.0	47.0	15.12	15.0	47.0	—	—	—
5	19.14	10.7	46.1	19.14	10.7	46.1	—	—	—
6	17.22	5.9	45.1	17.22	5.9	45.1	—	—	—
7	20.82	13.7	45.3	20.82	13.7	45.3	—	—	—
8	22.68	21.2	45.3	22.68	21.2	45.3	—	—	—
9	17.16	16.2	47.2	17.16	16.2	47.2	—	—	—
Sales workers, apparel									
1	10.06	18.1	25.2	10.06	18.1	25.2	—	—	—
2	6.93	3.0	22.6	6.93	3.0	22.6	—	—	—
3	7.53	6.0	20.6	7.53	6.0	20.6	—	—	—
4	7.99	2.7	26.1	7.99	2.7	26.1	—	—	—
5	11.64	11.8	31.0	11.64	11.8	31.0	—	—	—
Sales workers, shoes									
2	7.60	5.3	24.4	7.60	5.3	24.4	—	—	—
3	6.76	4.4	22.5	6.76	4.4	22.5	—	—	—
4	9.28	4.0	27.3	9.28	4.0	27.3	—	—	—
5	12.26	12.7	39.3	12.26	12.7	39.3	—	—	—
Sales workers, furniture and home furnishings ..									
1	12.39	12.3	30.3	12.39	12.3	30.3	—	—	—
2	7.04	4.7	21.8	7.04	4.7	21.8	—	—	—
3	8.63	6.5	26.8	8.63	6.5	26.8	—	—	—
4	19.08	16.4	42.6	19.08	16.4	42.6	—	—	—
5	16.14	16.1	40.4	16.14	16.1	40.4	—	—	—
Sales workers, radio, tv, hi-fi, and appliances									
3	11.18	16.0	32.3	11.18	16.0	32.3	—	—	—
4	14.34	24.4	38.8	14.34	24.4	38.8	—	—	—
Sales workers, hardware and building supplies									
2	13.01	5.9	38.6	13.01	5.9	38.6	—	—	—
3	7.09	3.9	27.5	7.09	3.9	27.5	—	—	—
4	8.84	2.6	35.1	8.84	2.6	35.1	—	—	—
5	11.59	3.2	38.6	11.59	3.2	38.6	—	—	—
6	13.55	8.9	46.2	13.55	8.9	46.2	—	—	—
7	32.28	4.6	40.0	32.28	4.6	40.0	—	—	—
Sales workers, parts									
3	12.94	6.0	38.5	12.94	6.0	38.5	—	—	—
4	10.14	6.4	38.2	10.14	6.4	38.2	—	—	—
5	14.14	4.9	40.8	14.14	4.9	40.8	—	—	—
6	15.39	7.6	40.3	15.39	7.6	40.3	—	—	—
7	18.55	7.7	40.3	18.55	7.7	40.3	—	—	—
Sales workers, other commodities									
1	10.95	6.8	30.1	10.95	6.8	30.1	\$8.91	7.0	30.6
2	6.66	1.9	24.4	6.66	1.9	24.4	—	—	—
3	7.07	3.2	24.8	7.07	3.2	24.8	—	—	—
4	8.29	2.9	29.5	8.29	2.9	29.5	—	—	—
5	9.85	3.8	32.4	9.85	3.8	32.4	—	—	—
6	13.21	5.7	34.5	13.21	5.7	34.5	—	—	—
7	18.16	9.9	40.6	18.16	9.9	40.6	—	—	—
8	27.36	12.6	42.5	27.36	12.6	42.5	—	—	—
9	26.69	8.8	43.8	26.69	8.8	43.8	—	—	—
Sales counter clerks									
1	7.31	3.3	30.0	7.29	3.3	30.0	—	—	—
2	6.65	8.6	30.2	6.65	8.6	30.2	—	—	—
3	6.68	2.5	28.5	6.68	2.5	28.6	—	—	—
4	7.28	4.1	29.9	7.28	4.1	29.9	—	—	—
5	11.72	5.3	36.9	11.58	5.3	36.8	—	—	—
Cashiers									
1	7.65	1.3	27.6	7.60	1.3	27.5	10.89	4.4	31.1
2	6.70	1.2	25.6	6.70	1.2	25.6	7.13	5.3	23.8
3	6.86	2.1	27.7	6.85	2.1	27.7	9.05	3.5	23.9
4	8.31	1.7	28.6	8.24	1.8	28.6	10.96	5.4	31.9
5	11.37	3.4	33.3	11.32	3.5	33.1	12.83	5.0	38.7

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels;² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Cashiers—Continued									
5	\$14.81	6.6	32.6	\$14.68	7.3	32.1	—	—	—
Not able to be leveled	8.14	11.4	24.9	8.14	11.4	24.9	—	—	—
Street and door-to-door sales workers	14.80	34.1	26.0	14.80	34.1	26.0	—	—	—
News vendors	10.46	9.3	27.4	10.46	9.3	27.4	—	—	—
Demonstrators, promoters, and models, sales ..	29.81	30.1	27.0	29.82	30.1	27.0	—	—	—
1	8.01	4.6	20.3	8.01	4.6	20.4	—	—	—
4	11.40	8.8	27.4	11.40	8.8	27.4	—	—	—
Sales support, n.e.c.	12.40	5.4	34.2	12.39	5.4	34.2	—	—	—
1	7.53	6.0	29.1	7.53	6.0	29.1	—	—	—
2	7.49	9.5	23.6	7.49	9.5	23.6	—	—	—
3	9.75	5.7	29.6	9.75	5.7	29.6	—	—	—
4	11.95	8.5	39.5	11.95	8.5	39.5	—	—	—
5	15.31	13.1	40.3	15.30	13.2	40.3	—	—	—
6	14.55	7.1	41.7	14.55	7.1	41.7	—	—	—
7	20.16	7.0	43.7	20.16	7.0	43.7	—	—	—
8	25.42	6.4	40.6	25.44	6.5	40.6	—	—	—
Not able to be leveled	12.06	9.8	34.2	12.06	9.8	34.2	—	—	—
Administrative support, including clerical	12.80	1.2	36.4	12.72	1.4	36.4	\$13.17	1.1	36.5
1	7.99	1.4	28.4	7.92	1.5	28.4	8.40	4.5	28.8
2	9.38	1.2	32.6	9.31	1.3	32.6	9.76	1.3	32.6
3	10.38	1.9	36.0	10.26	2.1	36.0	11.08	1.4	36.0
4	12.46	.8	37.2	12.42	.9	37.1	12.65	1.2	37.3
5	15.12	3.1	38.2	15.17	3.7	38.4	14.92	1.4	37.5
6	16.06	1.4	38.8	16.32	1.7	39.0	15.14	1.7	38.3
7	18.64	1.5	39.0	18.76	1.6	39.0	18.17	2.4	38.9
8	21.54	3.2	39.9	22.13	3.3	39.9	18.70	5.5	39.8
9	23.55	2.5	39.8	23.59	2.8	39.9	23.22	3.8	39.1
10	25.63	5.2	40.0	26.68	3.9	40.0	—	—	—
11	36.18	7.8	37.6	36.21	7.8	37.6	—	—	—
Not able to be leveled	14.19	3.7	37.7	13.88	4.0	37.9	16.42	4.4	35.8
Supervisors, general office	17.11	3.1	39.3	17.05	3.7	39.3	17.40	3.5	39.2
4	11.86	3.8	39.1	11.73	4.1	39.1	—	—	—
5	14.37	5.2	39.1	14.39	5.6	39.1	14.14	9.0	38.1
6	14.99	5.4	39.0	14.84	6.6	39.0	15.59	7.6	39.1
7	17.72	7.0	40.2	17.36	8.8	40.5	18.93	3.9	39.2
8	19.34	3.2	40.0	19.94	2.5	40.1	17.38	4.8	39.7
9	22.76	3.4	40.2	22.83	3.7	40.3	—	—	—
Not able to be leveled	19.96	7.6	42.3	19.92	7.7	42.4	—	—	—
Supervisors, computer equipment operators	24.51	5.1	39.7	24.81	7.2	39.8	—	—	—
6	18.36	8.2	39.9	—	—	—	—	—	—
Supervisors, financial records processing	18.80	3.3	39.4	18.81	3.5	39.4	18.57	5.9	38.5
5	14.79	4.4	39.3	14.75	4.5	39.3	—	—	—
6	18.78	12.3	38.4	18.82	12.4	38.4	—	—	—
7	17.40	4.6	39.6	17.56	5.0	39.7	15.28	5.2	38.0
8	21.25	4.4	40.7	21.36	4.7	40.8	—	—	—
9	23.24	2.5	39.6	23.30	2.5	39.7	22.71	10.6	38.0
Not able to be leveled	18.48	8.0	37.8	18.48	8.0	37.8	—	—	—
Chief communications operators	19.20	6.5	40.0	19.58	10.2	40.0	18.87	8.0	40.0
7	18.65	7.8	40.0	—	—	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.45	3.4	40.4	18.51	3.7	40.6	18.19	9.3	39.6
4	12.93	5.4	36.3	—	—	—	—	—	—
5	14.72	9.4	40.1	14.34	8.7	40.5	—	—	—
6	17.05	3.8	40.2	17.38	4.4	40.3	—	—	—
7	17.60	5.3	42.1	17.58	5.2	42.2	—	—	—
8	19.70	4.3	40.5	19.09	5.6	40.8	—	—	—
9	24.54	6.5	40.6	24.54	6.5	40.6	—	—	—
Computer operators	15.10	3.1	38.9	15.40	3.2	38.9	14.02	6.3	38.7

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Computer operators—Continued									
3	\$10.89	4.1	35.8	\$10.99	4.3	39.2	—	—	—
4	14.07	5.2	38.5	14.12	5.4	38.8	—	—	—
5	14.81	3.6	39.4	14.95	2.4	39.3	\$14.51	10.2	39.6
6	17.08	5.6	39.5	18.13	4.4	39.4	13.70	10.4	39.9
7	16.70	11.9	39.9	20.29	7.4	40.0	14.07	8.5	39.9
Not able to be leveled	16.54	4.3	37.6	16.55	4.3	37.6	—	—	—
Peripheral equipment operators									
3	11.91	5.8	38.7	11.61	5.9	39.0	—	—	—
4	9.79	4.3	39.8	9.79	4.3	39.8	—	—	—
4	12.59	4.6	37.7	—	—	—	—	—	—
Secretaries									
2	14.60	3.5	37.7	14.82	4.2	37.5	13.89	2.3	38.3
2	10.00	3.5	34.8	9.84	4.4	34.4	10.37	4.9	35.8
3	10.50	1.8	35.3	10.23	2.1	34.9	11.49	2.8	36.8
4	12.58	1.7	38.0	12.54	2.0	37.6	12.72	2.4	38.9
5	16.77	6.0	38.4	17.13	6.3	38.3	15.15	3.1	38.5
6	16.83	3.5	38.6	17.62	4.1	38.6	14.80	3.5	38.4
7	19.28	2.5	37.7	19.56	3.0	37.3	18.29	2.7	39.3
8	24.33	4.6	39.4	24.40	4.7	39.4	—	—	—
Not able to be leveled	16.23	4.8	37.4	15.96	5.4	37.9	17.55	4.0	35.3
Stenographers									
4	15.17	6.1	35.5	13.82	5.6	35.4	18.67	8.2	36.1
5	13.29	5.2	38.2	12.63	3.8	38.4	15.74	10.0	37.5
5	17.28	6.3	35.1	13.88	3.2	39.1	19.71	7.4	32.6
6	20.12	9.1	38.4	20.50	11.0	39.4	19.32	13.1	36.3
7	28.96	11.7	38.0	—	—	—	32.06	10.8	38.0
Typists									
2	12.95	1.9	36.7	12.78	3.4	36.4	13.08	2.0	36.9
2	10.74	4.8	34.0	9.70	6.5	32.8	11.42	6.6	34.9
3	12.39	2.1	36.4	11.95	4.4	34.8	12.66	2.2	37.4
4	12.79	3.0	36.9	12.90	5.3	38.0	12.67	2.9	35.9
5	15.17	2.8	38.3	15.59	6.5	36.5	14.98	2.8	39.2
6	15.78	3.1	39.4	16.79	8.9	39.3	—	—	—
Interviewers									
1	10.16	4.0	28.0	10.15	4.3	27.5	10.36	8.2	37.2
1	8.03	3.7	20.9	8.05	3.8	20.7	—	—	—
2	8.22	4.3	22.8	8.22	4.7	21.7	—	—	—
3	10.55	4.6	34.8	10.68	4.8	34.6	8.67	6.7	38.7
4	12.36	4.4	34.3	12.30	4.4	34.2	12.96	9.7	35.6
5	11.81	5.5	37.3	11.52	6.1	37.2	13.45	6.6	37.8
6	13.10	8.1	40.0	13.10	8.1	40.0	—	—	—
Hotel clerks									
1	8.76	3.7	36.3	8.76	3.7	36.3	—	—	—
1	6.90	3.0	28.7	6.90	3.0	28.7	—	—	—
2	7.93	7.9	36.2	7.93	7.9	36.2	—	—	—
3	8.54	1.7	35.2	8.54	1.7	35.2	—	—	—
4	10.69	6.4	39.6	10.69	6.4	39.6	—	—	—
5	9.94	8.4	45.7	9.95	8.6	45.9	—	—	—
Transportation ticket and reservation agents									
2	13.64	4.3	36.3	13.57	4.3	36.2	—	—	—
2	10.05	5.7	33.0	10.05	5.7	33.0	—	—	—
3	11.73	10.9	35.3	11.25	10.9	34.9	—	—	—
4	13.53	5.8	35.6	13.52	5.8	35.6	—	—	—
5	15.53	3.4	37.3	15.53	3.4	37.3	—	—	—
6	15.45	6.9	39.5	15.45	6.9	39.5	—	—	—
Receptionists									
1	10.25	2.3	33.6	10.25	2.4	33.7	10.26	3.7	32.7
1	7.37	3.4	27.1	7.36	3.5	27.1	8.14	3.5	25.0
2	9.37	3.4	30.3	9.37	3.5	30.2	9.53	5.7	34.6
3	10.66	2.9	36.7	10.66	2.9	36.7	10.96	5.0	35.5
4	11.67	4.8	36.9	11.68	4.9	37.2	11.15	3.4	24.5
5	14.13	10.6	36.3	14.16	10.8	36.2	—	—	—
Information clerks, n.e.c.									
1	12.24	4.3	35.6	12.03	4.5	35.5	14.44	4.9	36.5
1	7.80	7.0	26.1	7.79	7.0	26.3	—	—	—
2	9.23	3.7	29.9	9.20	3.7	29.9	—	—	—
3	11.37	5.3	35.0	10.98	3.6	34.9	15.27	16.7	35.9

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Information clerks, n.e.c.—Continued									
4	\$12.61	5.2	38.9	\$12.65	5.8	38.8	\$12.31	3.8	39.7
5	12.57	5.4	39.0	12.32	4.7	39.1	—	—	—
6	17.05	4.8	39.0	16.95	6.6	39.0	17.27	5.6	38.8
7	16.78	3.1	37.0	17.05	3.4	38.4	—	—	—
Classified ad clerks	12.36	9.8	38.1	12.36	9.8	38.1	—	—	—
Correspondence clerks	12.24	3.3	35.7	12.26	3.4	35.6	—	—	—
2	11.05	7.0	34.8	11.05	7.0	34.8	—	—	—
3	10.27	3.6	38.5	10.45	3.3	38.4	—	—	—
4	11.73	2.4	32.6	11.69	2.3	32.6	—	—	—
5	14.30	4.5	39.5	14.30	4.5	39.5	—	—	—
Order clerks	13.13	2.2	37.1	13.09	2.3	37.1	17.23	11.5	39.8
1	8.31	8.7	34.4	8.31	8.7	34.4	—	—	—
2	9.07	3.4	32.8	9.07	3.4	32.8	—	—	—
3	10.29	3.6	34.7	10.28	3.7	34.7	—	—	—
4	13.80	2.2	39.0	13.76	2.2	39.0	—	—	—
5	15.05	3.7	39.7	15.00	3.8	39.6	—	—	—
6	17.29	5.9	37.5	17.27	5.9	37.5	—	—	—
7	20.14	5.7	39.7	20.14	5.7	39.7	—	—	—
Personnel clerks, except payroll and timekeeping	14.61	2.7	39.0	14.92	2.6	38.9	13.68	6.7	39.1
2	8.67	6.2	39.2	—	—	—	—	—	—
3	10.13	4.0	37.9	10.38	3.8	37.4	—	—	—
4	13.23	4.9	38.4	13.75	3.2	38.7	11.98	9.8	37.6
5	14.33	6.2	39.5	14.29	7.1	39.5	14.57	4.3	39.7
6	15.27	6.1	38.6	15.46	7.3	38.3	14.49	8.0	39.9
7	17.60	4.8	40.0	18.75	3.9	40.0	15.70	5.3	40.0
Library clerks	11.18	2.6	29.5	11.50	5.3	31.4	11.05	2.9	28.8
1	7.31	3.0	16.0	—	—	—	7.47	2.3	16.9
2	9.73	4.1	25.8	10.86	10.0	26.4	9.47	4.0	25.6
3	10.90	5.3	31.3	9.87	15.2	31.4	11.13	5.0	31.3
4	11.65	5.2	33.4	12.97	6.1	35.2	11.29	5.9	32.9
5	13.85	5.5	31.6	15.44	4.4	35.9	13.20	7.2	30.1
6	14.47	5.2	37.4	13.31	5.7	38.4	15.55	4.1	36.6
Not able to be leveled	11.17	3.3	28.4	—	—	—	—	—	—
File clerks	9.17	3.3	35.6	9.08	3.3	35.5	10.53	6.8	37.1
1	7.17	3.1	31.1	7.16	3.2	31.3	—	—	—
2	8.88	4.2	36.4	8.89	4.4	36.3	8.53	9.6	39.1
3	10.23	3.6	36.0	10.18	3.9	36.0	10.96	6.6	37.0
4	11.79	4.6	37.7	11.90	4.8	37.4	—	—	—
Records clerks, n.e.c.	12.53	2.2	37.7	12.55	2.6	37.6	12.46	3.4	38.0
1	7.73	6.0	37.1	7.86	8.3	36.5	—	—	—
2	9.44	3.7	36.2	9.13	3.8	35.6	10.41	8.5	38.5
3	10.48	3.0	36.0	10.54	3.2	35.8	10.06	3.4	37.9
4	13.05	3.1	38.1	12.87	3.8	38.3	13.59	5.1	37.5
5	14.46	4.2	38.9	15.24	4.2	38.9	12.53	7.1	38.8
6	15.52	3.8	39.2	16.35	3.2	39.5	13.40	6.8	38.6
7	17.38	4.4	38.9	18.03	4.3	39.4	14.75	4.6	37.3
Not able to be leveled	10.51	6.8	39.7	10.53	7.0	39.7	—	—	—
Bookkeepers, accounting and auditing clerks	11.94	5.0	37.5	11.77	5.3	37.4	13.63	2.2	38.6
2	9.87	3.8	36.3	9.82	3.9	36.3	11.49	5.3	39.6
3	9.10	6.0	37.7	9.04	5.9	37.6	10.57	5.3	38.4
4	11.87	2.0	37.4	11.78	2.3	37.3	12.62	2.7	38.6
5	13.87	2.1	36.6	13.75	2.3	36.4	14.97	3.7	38.8
6	15.02	3.5	38.5	14.98	4.0	38.5	15.27	5.1	38.7
7	18.76	3.6	39.5	18.85	4.0	39.6	18.24	7.3	38.8
Not able to be leveled	13.94	3.9	39.2	13.83	4.0	39.3	—	—	—
Payroll and timekeeping clerks	14.37	2.9	34.9	14.23	3.4	34.3	15.24	3.6	39.3
3	12.24	3.3	35.4	12.31	3.4	35.3	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Payroll and timekeeping clerks—Continued									
4	\$13.06	4.7	35.3	\$12.74	5.6	34.6	\$14.59	4.2	39.2
5	15.33	5.8	40.0	15.59	7.7	40.0	14.61	1.6	40.0
6	17.97	3.8	39.6	17.80	4.1	39.6	—	—	—
7	19.36	6.3	25.5	19.48	7.2	24.3	—	—	—
Not able to be leveled	12.02	5.8	34.3	12.02	5.8	34.3	—	—	—
Billing clerks	10.89	4.1	38.1	10.80	4.2	38.0	12.94	7.5	39.9
2	8.85	3.2	39.7	8.87	3.5	39.7	—	—	—
3	10.12	10.0	39.0	10.02	10.2	39.0	12.84	14.0	39.9
4	11.05	3.5	37.3	10.97	3.4	37.2	14.86	10.4	39.8
5	14.00	3.8	37.7	13.88	4.2	37.4	14.94	4.8	40.0
6	15.19	3.7	39.4	15.54	4.9	39.2	—	—	—
7	17.41	3.1	37.2	17.51	3.0	37.1	—	—	—
Cost and rate clerks	16.38	16.6	40.1	16.38	16.6	40.1	—	—	—
4	12.20	5.1	39.9	12.20	5.1	39.9	—	—	—
5	15.87	4.5	41.4	15.87	4.5	41.4	—	—	—
Billing, posting, and calculating machine operators	10.42	4.7	31.8	10.42	4.8	31.8	—	—	—
2	9.13	6.0	28.3	9.13	6.0	28.3	—	—	—
3	9.59	2.5	31.6	9.59	2.5	31.5	—	—	—
4	10.44	11.0	31.4	10.44	11.1	31.4	—	—	—
Duplicating machine operators	11.05	6.1	38.8	11.97	5.0	38.8	9.37	2.6	39.0
1	8.94	4.5	40.0	9.19	9.2	40.0	—	—	—
2	10.58	10.5	37.4	10.58	10.5	37.4	—	—	—
3	11.27	8.1	39.2	12.33	4.7	39.6	9.63	3.3	38.5
Mail preparing and paper handling machine operators	10.67	7.6	34.5	10.67	7.6	34.5	—	—	—
2	10.99	11.0	36.6	10.99	11.0	36.6	—	—	—
Office machine operators, n.e.c.	8.84	4.9	38.5	8.75	4.9	38.9	—	—	—
1	6.90	4.5	37.8	6.90	4.5	37.8	—	—	—
2	8.13	4.4	38.8	8.13	4.4	38.8	—	—	—
3	9.59	7.9	37.9	—	—	—	—	—	—
Telephone operators	12.29	3.7	35.2	12.35	4.0	35.3	11.45	7.3	34.4
1	8.43	5.6	34.8	8.43	5.6	34.8	—	—	—
2	12.24	6.0	35.2	12.28	6.1	35.6	—	—	—
3	10.60	5.5	34.7	10.82	5.9	34.1	9.07	8.7	40.0
4	15.27	3.3	35.7	15.27	3.5	35.5	—	—	—
5	14.38	8.0	40.0	—	—	—	—	—	—
Communications equipment operators, n.e.c.	9.28	12.0	29.2	8.55	12.3	28.6	13.11	6.8	33.2
2	7.08	7.5	25.5	7.08	7.5	25.5	—	—	—
Mail clerks, except postal service	9.96	6.1	35.8	10.01	6.7	35.5	9.39	8.6	39.5
1	7.95	1.7	35.5	—	—	—	—	—	—
2	10.02	3.8	34.2	10.10	3.9	33.9	—	—	—
3	11.31	7.3	36.4	11.29	7.9	36.3	11.60	8.3	38.2
4	13.44	4.5	36.4	13.48	4.6	36.4	—	—	—
5	16.05	15.5	37.8	16.05	15.5	37.8	—	—	—
Messengers	9.65	5.6	30.7	9.52	6.1	30.3	10.99	8.6	34.9
1	9.00	7.2	28.4	8.87	7.5	28.2	—	—	—
2	8.65	8.5	26.3	8.62	9.3	25.8	—	—	—
3	9.50	11.2	38.8	8.98	10.6	39.3	—	—	—
4	12.88	6.0	32.3	—	—	—	—	—	—
Dispatchers	13.50	4.0	38.9	12.60	5.7	39.1	14.65	4.9	38.7
2	7.91	17.0	38.4	6.27	12.6	39.5	12.04	7.2	35.8
3	11.99	4.1	37.7	11.84	4.3	38.2	12.21	8.0	36.9
4	12.71	4.6	39.0	13.01	5.2	39.2	12.19	5.9	38.6
5	14.58	4.5	40.1	14.19	8.0	40.3	14.88	4.6	39.9
6	15.71	4.8	40.2	16.58	8.2	41.5	15.07	4.6	39.3
7	20.21	5.6	39.4	18.96	9.2	40.1	20.85	5.9	39.1
Production coordinators	17.13	2.8	38.8	17.11	2.8	38.8	18.57	16.1	39.4

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Production coordinators—Continued									
2	\$14.35	15.4	29.1	\$14.35	15.4	29.1	—	—	—
3	12.23	7.3	37.5	12.23	7.3	37.5	—	—	—
4	13.12	4.1	39.4	13.15	4.2	39.5	—	—	—
5	16.51	6.1	39.3	16.56	6.2	39.3	—	—	—
6	17.83	4.3	39.6	17.76	4.4	39.6	—	—	—
7	19.26	4.0	40.1	19.26	4.0	40.1	—	—	—
Traffic, shipping and receiving clerks	12.27	3.6	38.0	12.26	3.7	38.0	\$13.33	4.6	38.4
1	7.65	6.9	39.9	7.65	6.9	39.9	—	—	—
2	10.03	4.9	28.7	10.03	4.9	28.7	—	—	—
3	9.93	3.6	38.5	9.93	3.6	38.5	—	—	—
4	12.90	3.9	39.2	12.91	3.9	39.2	—	—	—
5	16.44	7.3	39.8	16.52	7.7	40.0	—	—	—
6	18.33	2.4	39.5	18.33	2.4	39.5	—	—	—
7	19.20	3.2	40.1	19.20	3.2	40.1	—	—	—
Stock and inventory clerks	11.92	2.4	35.6	11.80	2.7	35.3	13.11	4.1	38.9
1	8.49	3.3	28.5	8.58	3.7	27.4	—	—	—
2	8.37	5.5	30.6	8.30	5.7	30.3	9.72	5.4	38.5
3	11.01	2.7	34.2	11.03	3.0	34.0	10.74	5.9	38.9
4	12.35	3.3	39.1	12.11	3.6	39.1	14.02	5.1	39.0
5	15.00	2.8	39.1	14.95	3.0	39.2	15.38	8.4	38.5
6	16.64	5.3	39.6	16.47	5.7	39.8	—	—	—
7	20.69	6.4	39.9	21.24	6.3	39.9	—	—	—
Not able to be leveled	16.22	12.7	40.0	16.22	12.7	40.0	—	—	—
Meter readers	15.04	4.0	39.0	15.03	4.8	38.9	15.09	6.1	39.6
1	14.73	8.5	38.9	—	—	—	—	—	—
2	11.00	14.6	40.0	10.73	16.0	40.0	—	—	—
3	15.53	4.2	37.1	15.90	4.8	36.1	14.73	7.8	39.3
4	15.41	7.1	40.0	15.80	8.1	40.0	12.91	9.1	40.0
5	14.97	13.6	40.0	15.64	16.4	40.0	—	—	—
6	17.59	11.6	40.0	—	—	—	—	—	—
Weighers, measurers, checkers, and samplers	13.66	7.6	36.7	13.65	7.8	38.4	—	—	—
2	10.43	8.0	30.6	10.52	8.2	37.0	—	—	—
3	13.42	6.5	38.5	13.33	6.7	40.0	—	—	—
4	12.05	4.2	40.0	12.05	4.2	40.0	—	—	—
Expeditors	13.88	4.5	37.0	13.81	4.6	37.0	—	—	—
3	11.79	5.5	33.7	11.79	5.5	33.7	—	—	—
4	12.20	6.3	38.2	12.20	6.4	38.2	—	—	—
5	15.36	5.6	39.8	14.98	6.0	40.0	—	—	—
6	17.20	6.3	40.0	17.20	6.3	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	15.20	10.4	38.0	15.18	10.6	38.0	17.53	7.4	40.0
1	8.30	8.0	29.1	8.30	8.0	29.1	—	—	—
2	8.82	2.9	36.9	8.82	2.9	36.9	—	—	—
3	12.06	7.1	38.5	12.06	7.1	38.5	—	—	—
4	14.49	15.7	36.4	14.45	16.4	36.3	—	—	—
5	16.18	4.6	39.7	16.04	4.7	39.7	—	—	—
Insurance adjusters, examiners, and investigators	17.57	4.1	38.2	17.59	4.1	38.2	15.33	9.8	40.0
3	11.28	4.0	38.8	11.23	4.0	38.8	—	—	—
4	13.24	3.4	36.9	13.24	3.4	36.9	—	—	—
5	15.00	3.2	38.8	15.03	3.3	38.7	—	—	—
6	15.78	1.8	38.6	15.78	1.8	38.6	—	—	—
7	19.71	3.5	39.1	19.71	3.5	39.1	—	—	—
8	27.45	2.2	38.8	27.45	2.2	38.8	—	—	—
9	26.94	8.7	38.8	27.10	8.7	38.8	—	—	—
11	40.61	9.4	37.5	40.61	9.4	37.5	—	—	—
Not able to be leveled	16.62	19.8	36.5	16.62	19.8	36.5	—	—	—
Investigators and adjusters, except insurance ...	13.46	2.3	38.8	13.41	2.3	38.8	15.52	4.0	39.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Investigators and adjusters, except insurance—Continued									
2	\$11.29	14.8	37.8	\$11.30	14.9	37.8	—	—	—
3	9.79	2.7	37.7	9.78	2.7	37.8	—	—	—
4	12.89	2.7	39.0	12.86	2.8	38.9	\$14.69	8.3	39.8
5	14.44	4.6	39.2	14.42	4.8	39.2	15.08	4.9	39.4
6	17.27	2.5	39.8	17.33	2.5	39.8	—	—	—
7	18.12	5.1	39.6	18.18	5.8	39.6	—	—	—
8	20.17	12.2	39.8	20.17	12.2	39.8	—	—	—
Not able to be leveled	13.54	16.7	39.6	13.54	16.7	39.6	—	—	—
Eligibility clerks, social welfare	15.05	4.4	39.1	14.83	10.7	39.7	15.20	2.4	38.7
3	10.03	5.0	39.2	9.50	6.9	39.4	11.15	2.7	38.7
4	—	—	—	—	—	—	11.88	4.3	39.3
5	14.19	7.5	39.4	11.94	4.7	40.0	16.24	9.5	38.8
6	15.15	1.9	39.2	—	—	—	15.30	1.8	39.1
7	16.51	3.6	39.2	—	—	—	16.72	3.7	39.2
Bill and account collectors	12.36	4.5	38.0	12.27	4.7	37.9	14.00	5.9	39.9
3	9.98	7.7	37.3	9.93	7.7	37.2	—	—	—
4	11.86	3.6	37.4	11.84	3.6	37.4	—	—	—
5	15.64	7.3	39.6	15.80	8.6	39.5	14.92	5.2	39.8
6	14.80	4.4	39.5	15.30	4.1	39.5	—	—	—
7	16.64	11.0	39.7	16.45	12.0	39.7	—	—	—
General office clerks	11.81	1.3	35.4	11.57	1.6	34.8	12.52	1.8	37.4
1	8.21	4.8	27.1	8.46	4.2	27.4	6.67	13.7	25.5
2	9.21	2.1	32.2	9.07	2.5	31.7	9.94	2.3	35.4
3	10.73	3.4	36.7	10.64	4.4	36.3	11.04	2.4	38.0
4	12.48	1.5	35.0	12.36	2.0	33.9	12.77	1.7	38.0
5	14.22	2.6	38.6	14.08	3.8	38.9	14.48	2.3	38.1
6	15.90	3.3	39.4	16.48	4.5	39.3	14.99	5.1	39.6
7	17.69	2.7	39.4	17.68	3.0	39.5	17.73	4.7	38.9
Not able to be leveled	13.10	7.8	38.1	12.23	7.3	38.6	—	—	—
Bank tellers	9.69	2.2	33.9	9.69	2.2	33.8	—	—	—
1	7.89	6.5	24.8	7.89	6.5	24.8	—	—	—
2	8.47	3.0	32.7	8.47	3.0	32.7	—	—	—
3	9.95	3.4	33.2	9.95	3.4	33.2	—	—	—
4	10.39	3.4	37.6	10.39	3.4	37.6	—	—	—
5	11.53	6.4	34.7	11.53	6.4	34.7	—	—	—
Not able to be leveled	10.97	7.1	33.5	10.97	7.1	33.5	—	—	—
Proofreaders	15.58	15.2	38.8	12.24	7.9	38.3	—	—	—
4	12.02	10.9	38.8	12.02	10.9	38.8	—	—	—
Data entry keyers	11.24	2.2	36.0	11.09	2.5	35.4	12.02	3.8	39.1
1	8.77	6.3	28.1	7.85	4.4	23.4	—	—	—
2	10.00	2.5	35.0	9.90	2.7	34.6	11.10	2.4	39.5
3	11.12	3.5	37.4	10.89	4.1	37.3	12.46	3.8	38.3
4	12.83	4.3	35.6	12.92	5.1	34.5	12.54	8.3	39.5
5	13.21	2.9	40.0	13.42	3.1	39.9	—	—	—
Statistical clerks	12.28	5.5	38.4	12.61	6.2	38.1	10.91	10.6	39.8
2	10.49	8.8	34.4	10.39	9.5	33.8	—	—	—
3	9.34	4.0	38.9	9.56	3.2	38.7	—	—	—
4	13.88	7.3	38.9	15.35	6.9	38.4	10.73	5.0	40.0
5	15.05	7.8	36.8	15.05	7.8	36.8	—	—	—
6	12.80	6.9	39.2	12.80	6.9	39.2	—	—	—
Teachers' aides	10.44	2.0	30.8	8.83	3.2	26.5	10.59	2.2	31.2
1	8.63	3.1	28.4	7.94	8.0	23.7	8.95	3.4	31.4
2	9.23	1.4	30.3	8.78	9.8	26.7	9.25	1.5	30.5
3	10.17	2.3	33.3	8.84	5.3	30.4	10.22	2.4	33.4
4	10.91	3.2	29.4	8.93	5.2	25.7	11.40	3.2	30.4
5	15.97	4.8	27.2	10.61	1.9	33.3	16.18	4.5	27.0
6	14.79	5.9	30.1	—	—	—	14.87	6.1	29.8

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Administrative support, n.e.c.	\$12.52	1.9	35.7	\$12.24	2.3	35.4	\$13.84	2.3	36.9
1	7.01	5.0	21.9	6.92	5.2	22.0	8.57	6.4	20.4
2	9.77	9.2	34.0	9.64	10.3	34.3	10.91	7.5	31.2
3	10.19	2.4	34.1	10.04	2.6	33.9	11.25	6.8	35.8
4	12.11	2.6	37.2	12.08	3.1	37.1	12.30	2.6	37.8
5	13.98	2.8	37.3	13.84	3.3	37.1	14.53	3.5	38.4
6	15.83	2.5	39.0	16.09	3.0	38.9	15.19	4.3	39.3
7	18.04	5.0	38.9	17.78	6.4	39.5	18.86	2.7	37.0
Not able to be leveled	13.55	5.9	35.8	12.42	7.3	35.7	15.64	4.8	35.8
Blue collar	13.73	1.1	38.1	13.61	1.2	38.2	15.84	1.3	37.6
1	8.12	1.3	33.7	8.07	1.4	33.7	10.09	5.3	35.4
2	9.49	1.5	37.0	9.42	1.6	37.0	11.35	2.9	35.7
3	12.31	2.1	38.5	12.29	2.2	38.7	12.75	2.6	34.1
4	13.38	1.3	39.1	13.33	1.4	39.2	14.24	2.6	36.6
5	14.89	.9	39.6	14.86	.9	39.7	15.27	1.8	38.1
6	16.68	3.7	40.1	16.66	4.0	40.1	16.89	2.5	39.8
7	20.13	1.2	39.8	20.17	1.3	39.8	19.73	1.9	39.8
8	23.38	2.7	39.8	23.41	2.8	39.8	22.84	3.4	39.7
9	25.02	1.6	39.9	25.02	1.7	39.9	25.06	4.1	39.9
10	29.89	6.7	41.0	30.00	7.0	41.1	—	—	—
11	32.67	2.5	39.6	32.55	3.1	40.1	—	—	—
Not able to be leveled	13.59	7.0	39.4	13.60	7.1	39.4	11.59	9.9	39.9
Precision production, craft, and repair	17.28	1.4	39.6	17.21	1.5	39.6	18.09	1.7	39.8
1	8.45	4.0	39.0	8.45	4.1	39.1	—	—	—
2	9.77	4.1	36.5	9.75	4.2	36.4	10.03	8.2	40.0
3	11.13	3.7	38.9	11.09	3.9	38.9	11.78	3.1	39.9
4	12.53	2.1	39.4	12.50	2.2	39.5	13.14	4.2	39.2
5	14.59	1.4	39.6	14.56	1.5	39.6	15.01	2.6	39.8
6	16.28	5.1	39.9	16.21	5.4	39.9	17.42	2.7	39.8
7	20.36	1.3	39.8	20.41	1.4	39.8	19.82	2.0	39.9
8	23.58	2.9	39.8	23.63	3.1	39.8	22.84	3.7	39.7
9	24.95	1.7	39.9	24.92	1.8	39.9	25.36	4.9	40.0
10	29.90	6.8	41.0	30.00	7.0	41.1	—	—	—
11	32.67	2.5	39.6	32.55	3.1	40.1	—	—	—
Not able to be leveled	17.08	7.3	40.0	17.12	7.4	40.0	—	—	—
Supervisors, mechanics and repairers	17.19	14.3	40.4	16.91	14.4	40.4	22.41	4.5	39.9
5	14.08	3.2	40.9	14.09	3.2	40.9	—	—	—
6	—	—	—	—	—	—	25.85	8.8	40.0
7	19.33	4.1	40.7	19.27	4.6	40.9	19.73	6.3	39.9
8	24.91	4.6	41.0	25.03	5.1	41.2	23.99	6.2	39.9
9	28.16	2.6	40.4	28.48	2.5	40.4	24.95	8.5	40.0
Automobile mechanics	16.48	3.9	40.3	16.16	4.0	40.3	19.42	8.0	39.8
4	15.48	9.8	43.2	16.05	8.3	43.5	—	—	—
5	13.60	4.4	40.4	13.62	4.6	40.5	13.02	4.5	40.0
6	16.75	5.8	40.4	16.64	6.2	40.5	17.91	4.5	39.1
7	18.34	5.7	40.2	17.86	6.1	40.3	21.25	7.7	39.9
8	21.84	3.7	40.1	21.86	3.8	40.2	—	—	—
Automobile mechanic apprentices	11.35	8.1	35.9	11.24	8.4	35.8	—	—	—
5	13.04	1.8	30.9	—	—	—	—	—	—
Bus, truck, and stationary engine mechanics	14.65	6.0	39.7	14.37	6.4	39.7	17.45	4.2	40.0
3	10.80	4.9	40.0	—	—	—	—	—	—
5	13.09	3.5	38.3	12.88	3.6	38.2	16.97	3.8	40.0
6	13.50	6.9	40.6	13.02	7.3	40.7	16.63	5.3	40.0
7	16.39	11.3	40.0	16.10	12.3	40.0	18.99	2.2	39.9
Aircraft engine mechanics	22.04	3.7	40.0	22.03	3.7	40.0	—	—	—
5	16.34	7.1	40.0	15.81	7.7	40.0	—	—	—
6	20.16	13.8	40.0	20.16	13.8	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Aircraft engine mechanics—Continued									
7	\$21.45	6.5	39.9	\$21.45	6.5	39.9	—	—	—
Small engine repairers	13.12	4.6	39.7	13.07	4.7	39.7	—	—	—
5	13.85	2.5	39.6	13.79	2.5	39.6	—	—	—
Automobile body and related repairers	19.15	10.0	40.4	19.15	10.1	40.4	—	—	—
5	15.67	7.7	40.0	15.67	7.7	40.0	—	—	—
6	22.56	20.4	40.1	22.62	20.5	40.1	—	—	—
7	25.07	10.8	41.1	25.13	10.9	41.2	—	—	—
Aircraft mechanics, except engine	20.64	5.7	40.0	20.64	5.7	40.0	—	—	—
5	13.98	8.8	40.0	13.98	8.8	40.0	—	—	—
7	22.13	2.7	40.0	22.13	2.7	40.0	—	—	—
Heavy equipment mechanics	18.20	4.7	39.9	18.17	5.6	39.9	\$18.35	5.9	40.0
4	11.77	4.5	40.0	11.77	4.5	40.0	—	—	—
5	12.91	3.5	40.0	12.75	2.3	40.0	13.47	12.0	40.0
6	16.43	5.6	39.9	16.45	6.7	40.0	16.37	10.1	39.7
7	20.80	4.9	39.8	20.88	6.1	39.8	20.52	3.6	40.0
8	20.91	5.5	40.0	20.71	7.1	40.0	—	—	—
Farm equipment mechanics	13.08	4.7	40.6	13.08	4.8	40.6	—	—	—
7	13.09	7.3	41.6	13.10	7.6	41.7	—	—	—
Industrial machinery repairers	18.36	2.3	39.8	18.33	2.4	39.8	20.84	7.3	39.9
4	14.06	3.7	39.7	14.05	3.7	39.7	—	—	—
5	15.57	3.8	39.9	15.57	3.8	39.9	15.72	10.1	40.0
6	17.19	3.6	40.0	17.19	3.6	40.0	—	—	—
7	19.68	3.6	39.7	19.64	3.7	39.7	23.00	5.5	39.9
8	21.92	2.2	39.9	21.76	2.4	39.9	—	—	—
9	22.14	5.5	37.9	22.14	5.5	37.9	—	—	—
Not able to be leveled	18.05	9.8	39.9	18.05	9.8	39.9	—	—	—
Machinery maintenance	14.04	5.2	38.3	14.03	5.4	38.3	14.41	14.9	38.0
3	11.85	19.0	30.9	11.85	19.0	30.9	—	—	—
4	11.36	2.2	39.9	11.44	2.3	39.9	—	—	—
5	15.89	3.0	39.8	15.96	3.0	40.0	—	—	—
6	16.18	11.4	39.6	15.84	12.2	39.6	—	—	—
7	18.82	5.4	40.0	18.85	5.5	40.0	—	—	—
Electronic repairers, communications and industrial equipment	19.78	2.9	37.6	19.78	3.0	37.5	19.65	7.2	39.5
3	11.46	8.3	38.0	11.46	8.3	38.0	—	—	—
4	12.42	5.8	39.5	11.93	4.7	39.5	—	—	—
5	17.62	3.8	39.7	17.69	3.8	39.7	—	—	—
6	17.59	9.8	40.0	18.00	10.0	40.0	—	—	—
7	22.84	1.7	36.9	22.98	1.8	36.7	21.09	6.5	39.4
8	19.55	3.7	40.0	19.59	3.8	40.0	—	—	—
9	21.07	7.7	27.2	21.07	7.7	27.2	—	—	—
Data processing equipment repairers	17.58	9.2	38.6	17.63	9.8	38.5	16.87	2.1	40.0
6	12.59	10.9	40.0	12.44	11.3	40.0	—	—	—
7	20.97	5.3	40.0	21.43	5.0	40.0	—	—	—
Household appliance and power tool repairers	13.61	7.5	39.2	13.61	7.5	39.2	—	—	—
5	12.03	3.4	38.4	12.03	3.4	38.4	—	—	—
7	17.95	10.7	38.6	17.95	10.7	38.6	—	—	—
Telephone line installers and repairers	21.52	2.8	39.9	21.65	2.7	39.9	—	—	—
5	22.71	4.2	40.0	23.18	3.3	40.0	—	—	—
6	16.18	7.9	40.0	16.18	7.9	40.0	—	—	—
7	22.09	1.1	39.8	22.09	1.1	39.8	—	—	—
Telephone installers and repairers	19.33	3.1	40.0	19.25	3.1	40.0	—	—	—
4	15.44	5.5	40.0	15.44	5.5	40.0	—	—	—
6	21.09	3.1	40.0	21.09	3.1	40.0	—	—	—
7	20.52	3.1	40.0	20.39	3.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	15.83	3.1	39.9	15.79	3.5	39.9	16.08	4.6	39.9
4	11.55	5.4	40.0	12.31	4.7	40.0	—	—	—
5	13.83	4.0	40.0	13.61	4.3	40.0	15.60	9.8	40.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Heating, air conditioning, and refrigeration mechanics—Continued									
6	\$16.62	6.5	39.7	\$16.59	6.8	39.7	—	—	—
7	17.22	4.0	39.9	17.32	4.9	39.9	\$16.84	3.0	39.9
9	20.11	6.1	40.0	—	—	—	—	—	—
Locksmiths and safe repairers	18.04	5.9	40.0	—	—	—	—	—	—
7	18.12	6.3	40.0	—	—	—	—	—	—
Office machine repairers	14.60	11.9	40.0	14.43	12.0	40.0	—	—	—
7	18.87	2.0	40.0	18.70	1.7	40.0	—	—	—
Mechanical controls and valve repairers	20.60	4.4	39.5	21.40	5.4	40.0	18.51	5.9	38.2
5	19.27	4.1	40.0	19.57	3.8	40.0	19.01	6.7	40.0
6	18.36	3.9	40.0	—	—	—	—	—	—
7	22.31	4.6	40.0	23.13	4.3	40.0	19.87	9.8	40.0
Elevator installers and repairers	25.80	6.8	40.0	25.97	7.5	40.0	—	—	—
8	27.06	8.0	40.0	—	—	—	—	—	—
Millwrights	21.03	6.1	40.0	21.03	6.1	40.0	—	—	—
5	14.09	6.9	40.0	14.09	6.9	40.0	—	—	—
6	23.16	5.2	40.0	23.16	5.2	40.0	—	—	—
7	22.72	2.8	40.0	22.72	2.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.94	2.3	39.5	16.03	2.6	39.4	15.51	3.3	39.7
2	10.11	19.8	35.4	10.13	20.7	35.2	—	—	—
3	11.26	4.1	39.9	10.67	4.3	39.9	12.34	5.6	40.0
4	12.29	5.2	39.9	12.30	5.9	39.9	12.27	5.6	39.5
5	14.36	3.8	39.9	14.43	4.7	39.9	14.12	3.5	39.9
6	15.62	2.6	39.9	15.61	3.0	39.9	15.65	4.0	39.7
7	19.13	2.6	39.2	19.15	3.0	39.1	18.97	3.5	39.8
8	23.10	5.0	39.7	23.01	5.2	39.7	—	—	—
9	24.64	4.6	40.0	23.78	3.4	40.0	—	—	—
Not able to be leveled	18.17	9.1	40.0	19.84	8.2	40.0	—	—	—
Supervisors, brickmasons, stonemasons, and tilesetters	19.04	13.8	40.0	—	—	—	—	—	—
Supervisors, carpenters and related workers	24.07	7.3	40.1	24.23	7.3	40.1	—	—	—
7	20.95	4.7	40.0	20.96	4.8	40.0	—	—	—
8	30.79	17.2	40.0	32.51	15.9	40.0	—	—	—
9	26.53	4.2	40.3	26.53	4.2	40.3	—	—	—
Supervisors, electricians and power transmission installers	25.68	4.1	40.2	26.07	4.4	40.2	23.03	9.3	40.0
7	22.90	5.4	40.3	23.50	5.6	40.4	20.01	10.5	40.0
8	27.89	15.9	39.9	28.22	16.9	40.0	—	—	—
9	28.50	5.4	39.6	28.47	5.9	39.5	28.71	5.1	40.1
Supervisors, painters, paperhangers, and plasterers	19.04	3.3	40.2	19.00	3.4	40.2	—	—	—
7	18.51	3.5	40.3	18.44	3.6	40.3	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	25.74	5.9	40.0	25.78	6.8	40.0	25.59	12.5	40.0
7	26.68	7.1	40.0	—	—	—	27.10	10.8	40.0
8	24.94	14.7	40.0	—	—	—	—	—	—
9	27.73	2.4	40.0	28.08	2.1	40.0	—	—	—
Supervisors, construction trades, n.e.c.	20.77	4.2	40.1	21.27	5.0	40.1	19.15	5.0	40.0
5	16.01	4.4	40.0	16.12	4.5	40.0	14.96	7.2	40.0
6	17.34	4.7	40.2	17.26	5.9	40.3	17.53	4.1	39.9
7	20.34	7.5	39.9	21.51	8.4	39.8	16.94	4.4	39.9
8	24.86	8.3	41.0	25.70	10.7	41.4	22.56	5.6	39.9
9	24.02	6.6	39.7	23.31	6.5	39.6	26.64	14.2	40.1
Not able to be leveled	18.41	13.1	40.0	—	—	—	—	—	—
Brickmasons and stonemasons	20.71	9.1	39.1	20.90	9.4	39.1	—	—	—
7	21.94	10.0	40.0	22.46	10.2	40.0	—	—	—
Brickmason and stonemason apprentices	10.09	8.2	40.0	10.09	8.2	40.0	—	—	—
Tile setters, hard and soft	25.42	4.6	34.2	25.42	4.6	34.2	—	—	—
Carpet installers	19.15	10.9	39.5	19.15	10.9	39.5	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair –Continued									
Carpenters	\$17.38	3.4	39.8	\$17.27	3.6	39.8	\$19.13	6.8	39.5
3	11.32	7.9	40.0	11.32	7.9	40.0	–	–	–
4	11.31	6.2	39.8	11.34	6.3	39.8	–	–	–
5	13.50	4.7	39.9	13.53	4.9	40.0	12.83	2.1	38.5
6	17.04	6.2	39.8	17.15	6.3	39.8	–	–	–
7	20.23	3.4	39.8	20.20	3.7	39.7	20.63	6.1	40.0
8	22.66	4.7	39.7	22.04	4.5	40.0	–	–	–
Carpenter apprentices	15.03	7.7	40.0	15.03	7.7	40.0	–	–	–
4	15.48	8.0	40.0	15.48	8.0	40.0	–	–	–
5	14.47	2.9	40.0	14.47	2.9	40.0	–	–	–
Drywall installers	20.86	14.1	38.9	20.86	14.1	38.9	–	–	–
5	13.52	3.2	40.0	13.52	3.2	40.0	–	–	–
7	25.75	8.4	38.2	25.75	8.4	38.2	–	–	–
Electricians	20.32	4.4	39.8	20.43	4.8	39.8	19.37	4.9	39.9
4	12.71	4.8	40.0	–	–	–	–	–	–
5	13.29	6.1	40.0	13.22	6.2	40.0	15.71	3.3	39.0
6	17.14	5.7	40.0	17.07	5.8	40.0	–	–	–
7	22.80	4.1	39.7	23.38	4.4	39.7	19.27	5.5	40.0
8	22.47	6.3	39.9	22.38	7.3	40.0	22.79	12.4	39.7
9	26.89	4.7	40.0	26.98	4.9	40.0	–	–	–
Not able to be leveled	17.72	4.3	40.0	17.72	4.3	40.0	–	–	–
Electrician apprentices	13.98	5.8	40.0	13.88	5.9	40.0	–	–	–
2	11.38	8.6	40.0	11.38	8.6	40.0	–	–	–
3	11.21	4.4	39.9	11.21	4.4	39.9	–	–	–
4	12.38	5.7	40.0	12.24	5.6	40.0	–	–	–
5	19.25	9.9	40.0	19.06	10.2	40.0	–	–	–
Electrical power installers and repairers	23.53	2.8	40.0	23.77	3.0	40.0	22.29	5.3	40.0
5	16.08	15.6	40.0	15.92	19.6	40.0	16.70	6.0	40.0
6	21.36	4.9	40.0	21.76	4.7	40.0	–	–	–
7	24.95	1.9	40.0	24.93	2.1	40.0	25.07	3.3	40.0
8	25.04	4.6	40.0	25.56	5.2	40.0	–	–	–
9	28.66	5.5	40.0	30.05	2.7	40.0	–	–	–
Painters, construction and maintenance	13.91	4.9	39.5	13.54	5.1	39.5	18.25	7.4	39.6
3	10.59	3.6	40.0	10.59	3.6	40.0	–	–	–
4	11.46	5.0	39.3	11.46	5.3	39.2	–	–	–
5	13.45	3.5	39.8	13.38	3.6	39.8	14.73	7.8	40.0
6	21.16	14.4	38.4	21.12	14.8	38.4	–	–	–
7	20.09	8.6	39.5	19.33	11.8	39.6	21.58	4.3	39.3
Plumbers, pipefitters and steamfitters	21.09	4.7	39.5	21.40	5.1	39.5	17.53	6.1	39.8
4	10.27	5.1	40.0	10.07	4.0	40.0	–	–	–
5	16.62	8.6	40.0	16.66	10.1	40.0	16.41	8.8	40.0
6	17.13	8.1	39.9	16.61	7.8	40.0	21.05	13.1	38.8
7	21.40	3.8	40.0	21.63	4.0	40.0	18.19	6.0	39.9
8	32.68	9.2	35.7	32.81	9.1	35.7	–	–	–
9	27.55	3.3	40.0	27.55	3.3	40.0	–	–	–
Plumber, pipefitter, and steamfitter apprentices	17.55	14.0	39.9	17.55	14.4	39.9	–	–	–
3	9.97	9.2	40.0	9.97	9.2	40.0	–	–	–
5	13.91	9.8	39.3	13.88	10.2	39.3	–	–	–
Concrete and terrazzo finishers	16.15	11.1	37.8	16.27	11.7	37.7	–	–	–
4	11.70	5.4	40.0	11.70	5.4	40.0	–	–	–
5	14.00	4.5	40.4	14.00	4.5	40.4	–	–	–
7	21.61	6.1	39.2	22.88	1.9	39.1	–	–	–
Glaziers	14.76	7.0	38.4	13.86	5.9	38.2	–	–	–
Insulation workers	13.58	7.7	38.0	13.56	7.8	38.0	–	–	–
6	14.70	14.9	40.0	14.70	14.9	40.0	–	–	–
Paving, surfacing, and tamping equipment operators	11.95	11.7	40.0	11.44	14.8	40.0	13.32	1.8	40.0
5	12.93	2.7	40.0	–	–	–	–	–	–
Roofers	14.22	10.6	39.0	14.22	10.6	39.0	–	–	–
4	12.82	6.9	40.0	12.82	6.9	40.0	–	–	–

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Roofers—Continued									
6	\$14.95	5.7	40.0	\$14.95	5.7	40.0	—	—	—
Sheetmetal duct installers	21.62	9.1	40.0	21.62	9.1	40.0	—	—	—
5	18.84	21.0	40.0	18.84	21.0	40.0	—	—	—
6	24.44	13.1	40.0	24.44	13.1	40.0	—	—	—
7	23.41	5.8	40.0	23.41	5.8	40.0	—	—	—
Structural metal workers	16.19	5.1	38.8	15.95	5.3	38.7	—	—	—
5	14.07	3.2	37.6	14.07	3.2	37.6	—	—	—
7	19.44	3.4	39.0	19.21	3.6	38.9	—	—	—
Construction trades, n.e.c.	15.12	4.8	39.6	15.56	6.5	39.6	\$14.22	4.0	39.7
2	12.97	13.3	40.0	—	—	—	9.15	5.1	40.0
3	10.97	6.3	40.0	—	—	—	11.89	3.4	40.0
4	12.84	4.6	39.4	12.66	5.9	39.5	13.33	6.4	39.0
5	14.68	5.2	39.2	13.04	7.2	38.3	15.63	6.5	39.8
6	14.69	7.1	39.8	14.27	7.5	40.0	17.06	5.5	39.2
7	21.47	8.1	39.7	22.13	8.6	39.6	17.29	3.7	39.9
8	20.08	5.4	40.0	—	—	—	—	—	—
Supervisors, extractive	23.55	16.9	41.2	23.55	16.9	41.2	—	—	—
9	28.75	4.4	42.3	28.75	4.4	42.3	—	—	—
Drillers, oil well	15.98	31.2	40.0	15.98	31.2	40.0	—	—	—
Mining machine operators	17.23	14.1	40.0	17.23	14.1	40.0	—	—	—
Mining, n.e.c.	22.71	3.4	39.2	22.71	3.4	39.2	—	—	—
5	20.99	19.6	40.0	20.99	19.6	40.0	—	—	—
Supervisors, production	19.96	2.7	40.4	19.94	2.7	40.4	21.08	12.4	40.0
5	13.62	6.9	40.5	13.62	6.9	40.5	—	—	—
6	17.54	11.0	39.9	17.66	11.3	39.9	—	—	—
7	18.97	3.4	40.4	19.01	3.5	40.4	—	—	—
8	23.43	4.5	40.4	23.41	4.5	40.4	—	—	—
9	23.79	4.0	40.6	23.61	4.1	40.7	29.29	8.3	39.9
10	24.60	7.2	40.9	24.60	7.2	40.9	—	—	—
11	32.92	5.3	40.2	32.92	5.3	40.2	—	—	—
Not able to be leveled	22.34	12.1	40.1	22.34	12.1	40.1	—	—	—
Tool and die makers	22.00	2.8	40.2	22.02	2.8	40.2	—	—	—
7	22.67	2.6	40.2	22.70	2.6	40.2	—	—	—
8	21.55	3.7	40.0	21.55	3.7	40.0	—	—	—
9	23.09	3.8	40.0	23.09	3.8	40.0	—	—	—
Tool and die maker apprentices	16.03	11.3	39.8	16.03	11.3	39.8	—	—	—
Precision assemblers, metal	18.16	3.1	40.0	18.16	3.1	40.0	—	—	—
4	16.43	10.1	40.0	16.43	10.1	40.0	—	—	—
5	16.95	2.9	40.0	16.95	2.9	40.0	—	—	—
6	17.42	5.7	40.0	17.42	5.7	40.0	—	—	—
7	21.98	3.5	40.0	21.98	3.5	40.0	—	—	—
Not able to be leveled	19.10	8.3	40.0	19.10	8.3	40.0	—	—	—
Machinists	16.89	3.9	39.9	16.83	3.9	39.9	20.68	8.5	40.0
5	14.35	4.8	40.0	14.35	4.8	40.0	—	—	—
6	18.24	3.7	39.8	18.22	3.7	39.8	—	—	—
7	17.80	4.4	39.9	17.71	4.5	39.9	—	—	—
8	18.77	5.0	40.0	18.77	5.0	40.0	—	—	—
Boilermakers	18.27	11.1	40.0	18.27	11.1	40.0	—	—	—
7	18.06	7.1	40.0	18.06	7.1	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	15.73	6.7	40.0	15.73	6.7	40.0	—	—	—
4	15.28	6.4	40.0	15.28	6.4	40.0	—	—	—
5	22.07	5.8	40.0	22.07	5.8	40.0	—	—	—
7	19.89	8.7	40.0	19.89	8.7	40.0	—	—	—
Patternmakers and modelmakers, metal	19.19	4.7	40.0	19.19	4.7	40.0	—	—	—
7	15.59	3.9	40.0	15.59	3.9	40.0	—	—	—
Layout workers	12.94	17.7	40.0	12.94	17.7	40.0	—	—	—
Precious stones and metals workers	14.58	28.6	39.1	14.58	28.6	39.1	—	—	—
Engravers, metal	17.34	4.9	40.0	17.34	4.9	40.0	—	—	—
Sheet metal workers									

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Sheet metal workers—Continued									
4	\$12.00	8.9	40.0	\$12.00	8.9	40.0	—	—	—
5	14.43	6.6	40.0	14.43	6.6	40.0	—	—	—
6	15.98	6.2	40.0	15.98	6.2	40.0	—	—	—
7	22.61	6.9	40.0	22.61	6.9	40.0	—	—	—
Sheet metal worker apprentices	13.01	11.6	37.0	13.01	11.6	37.0	—	—	—
Cabinet makers and bench carpenters	13.29	12.5	39.1	13.26	12.7	39.1	—	—	—
3	9.07	11.4	40.0	9.07	11.4	40.0	—	—	—
4	12.80	6.8	40.0	12.80	6.8	40.0	—	—	—
Furniture and wood finishers	12.05	4.6	40.0	12.05	4.6	40.0	—	—	—
4	11.82	5.2	40.0	11.82	5.2	40.0	—	—	—
Dressmakers	11.70	6.4	38.2	11.70	6.4	38.2	—	—	—
Tailors	11.79	5.7	36.9	11.79	5.7	36.9	—	—	—
Upholsterers	13.70	12.8	40.0	13.70	12.8	40.0	—	—	—
4	16.55	2.9	40.0	16.55	2.9	40.0	—	—	—
5	15.82	4.9	40.0	15.82	4.9	40.0	—	—	—
6	16.83	5.2	40.0	16.83	5.2	40.0	—	—	—
Hand molders and shapers, except jewelers	16.81	6.6	40.0	16.81	6.6	40.0	—	—	—
Patternmakers, layout workers, and cutters	13.87	9.1	40.0	13.87	9.2	40.0	—	—	—
Optical goods workers	11.58	11.1	39.3	11.58	11.1	39.3	—	—	—
Dental laboratory and medical appliance technicians	14.96	2.8	38.9	14.97	2.8	38.9	—	—	—
7	18.68	1.4	37.4	18.68	1.4	37.4	—	—	—
Bookbinders	12.59	5.0	39.8	12.59	5.0	39.8	—	—	—
6	12.20	5.7	40.0	12.20	5.7	40.0	—	—	—
Electrical and electronic equipment assemblers	11.45	3.4	39.8	11.45	3.4	39.8	—	—	—
1	9.51	6.9	38.5	9.51	6.9	38.5	—	—	—
2	9.33	3.5	39.8	9.33	3.5	39.8	—	—	—
3	10.35	2.8	40.0	10.35	2.8	40.0	—	—	—
5	13.34	3.4	39.9	13.34	3.4	39.9	—	—	—
6	15.11	4.5	39.7	15.11	4.5	39.7	—	—	—
7	16.83	5.5	40.0	16.83	5.5	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.37	8.3	39.7	14.34	8.3	39.7	—	—	—
5	13.58	9.7	39.9	13.58	9.7	39.9	—	—	—
6	14.82	3.9	40.0	14.82	3.9	40.0	—	—	—
7	20.83	5.3	39.9	20.87	5.4	39.9	—	—	—
Precision food production	16.40	25.4	36.4	16.40	25.4	36.4	—	—	—
Butchers and meat cutters	10.92	4.5	37.4	10.92	4.5	37.4	—	—	—
1	7.75	4.2	39.3	7.75	4.2	39.3	—	—	—
2	8.75	8.8	29.1	8.75	8.8	29.1	—	—	—
4	13.10	5.6	36.9	13.10	5.6	36.9	—	—	—
5	11.77	7.9	36.8	11.77	7.9	36.8	—	—	—
6	15.90	3.5	39.8	15.90	3.5	39.8	—	—	—
7	17.34	2.3	38.7	17.34	2.3	38.7	—	—	—
Bakers	10.14	8.9	32.9	10.11	9.3	32.6	—	—	—
3	11.44	7.6	33.0	11.44	7.6	33.0	—	—	—
5	14.10	6.4	38.1	14.10	6.4	38.1	—	—	—
Food batchmakers	10.84	5.6	38.5	10.84	5.6	38.5	—	—	—
2	11.27	10.7	35.9	11.27	10.7	35.9	—	—	—
3	11.98	8.7	39.7	11.98	8.7	39.7	—	—	—
4	11.63	4.3	38.4	11.63	4.3	38.4	—	—	—
5	15.05	6.2	34.2	15.05	6.2	34.2	—	—	—
Inspectors, testers, and graders	17.35	4.7	40.3	17.23	4.9	40.3	\$19.77	3.8	39.6
3	10.17	4.3	40.0	10.17	4.3	40.0	—	—	—
4	18.71	9.8	40.0	18.71	9.8	40.0	—	—	—
5	13.49	9.0	41.1	13.30	8.9	41.2	—	—	—
6	15.79	9.6	40.0	15.73	9.7	40.0	—	—	—
7	20.27	3.8	40.4	20.26	4.2	40.5	20.34	3.9	40.0
8	20.78	4.1	40.0	21.53	3.8	40.0	—	—	—
9	23.71	7.5	40.0	25.00	6.4	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Inspectors, testers, and graders—Continued									
Not able to be leveled	\$18.84	13.3	39.1	\$18.84	13.3	39.1	—	—	—
Precision inspectors, testers, and related workers, n.e.c.	20.62	5.4	40.0	20.62	5.4	40.0	—	—	—
7	17.18	7.6	40.0	17.18	7.6	40.0	—	—	—
Adjusters and calibrators	19.18	20.7	39.7	19.18	20.7	39.7	—	—	—
Water and sewer treatment plant operators	16.43	3.9	39.9	13.21	11.9	40.0	\$17.34	3.3	39.9
3	—	—	—	—	—	—	10.76	14.7	37.9
4	15.38	12.0	40.0	—	—	—	15.53	13.9	40.0
5	14.62	4.3	40.0	13.25	7.4	40.0	15.19	4.1	39.9
6	17.05	7.8	40.0	—	—	—	17.05	8.3	40.0
7	19.11	3.3	40.0	17.59	5.1	40.0	19.29	3.6	40.0
Power plant operators	24.07	3.4	39.8	24.05	3.7	39.8	24.20	6.1	39.8
5	17.61	2.6	40.0	—	—	—	—	—	—
6	22.41	3.2	40.0	22.37	3.5	40.0	—	—	—
7	23.68	2.5	39.9	23.99	2.8	39.9	22.20	7.6	40.0
8	28.70	4.8	39.8	28.51	5.6	39.8	—	—	—
Stationary engineers	19.75	3.4	39.8	19.44	3.3	39.9	20.44	7.3	39.6
5	15.49	4.3	40.0	15.83	3.0	40.0	14.42	14.8	40.0
6	19.08	4.6	39.9	20.13	4.9	39.9	16.70	6.3	40.0
7	21.74	4.5	39.8	20.96	4.6	39.9	23.95	7.8	39.4
9	21.09	3.0	40.0	—	—	—	—	—	—
Miscellaneous plant and system operators, n.e.c.	21.18	9.0	39.1	21.29	9.3	39.1	16.03	6.4	40.0
5	20.59	3.5	37.9	20.80	3.6	37.8	—	—	—
6	22.94	3.3	39.5	23.27	3.2	39.4	—	—	—
7	23.77	1.6	39.9	23.99	1.5	39.9	—	—	—
8	25.15	1.8	36.7	25.15	1.8	36.7	—	—	—
Machine operators, assemblers, and inspectors	12.29	1.8	39.2	12.28	1.8	39.2	15.22	7.4	38.3
1	7.95	2.5	37.9	7.94	2.5	37.9	9.27	11.2	37.5
2	9.20	1.9	38.4	9.19	1.9	38.4	11.49	8.6	36.8
3	12.76	4.1	39.5	12.76	4.1	39.5	—	—	—
4	13.84	1.9	39.6	13.84	1.9	39.6	13.28	6.4	36.3
5	14.57	1.1	39.9	14.57	1.1	39.9	14.71	3.2	39.6
6	16.77	4.2	39.8	16.78	4.2	39.8	—	—	—
7	18.03	2.2	39.8	17.95	2.2	39.8	20.41	6.8	39.5
8	19.75	4.7	39.7	19.75	4.7	39.7	—	—	—
9	22.97	5.2	39.9	22.97	5.2	39.9	—	—	—
Not able to be leveled	11.89	6.0	39.7	11.89	6.0	39.7	—	—	—
Lathe and turning machine set-up operators	14.79	3.7	40.0	14.79	3.7	40.0	—	—	—
5	14.88	1.6	40.0	14.88	1.6	40.0	—	—	—
Lathe and turning machine operators	14.89	4.9	39.9	14.89	4.9	39.9	—	—	—
2	8.41	4.7	40.0	8.41	4.7	40.0	—	—	—
3	15.19	15.4	40.0	15.19	15.4	40.0	—	—	—
4	14.98	7.4	40.0	14.98	7.4	40.0	—	—	—
5	16.07	7.6	39.8	16.07	7.6	39.8	—	—	—
7	21.22	5.9	40.0	21.22	5.9	40.0	—	—	—
Milling and planing machine operators	13.75	8.0	39.7	13.75	8.0	39.7	—	—	—
5	14.51	3.8	40.0	14.51	3.8	40.0	—	—	—
Punching and stamping press operators	12.37	7.9	38.4	12.37	7.9	38.4	—	—	—
1	9.21	9.8	38.4	9.21	9.8	38.4	—	—	—
3	15.26	10.8	40.0	15.26	10.8	40.0	—	—	—
4	14.40	8.0	40.0	14.40	8.0	40.0	—	—	—
5	13.57	2.7	40.0	13.57	2.7	40.0	—	—	—
7	13.36	15.2	39.9	13.36	15.2	39.9	—	—	—
Rolling machine operators	15.48	11.2	40.0	15.48	11.2	40.0	—	—	—
3	11.55	4.2	40.0	11.55	4.2	40.0	—	—	—
4	12.48	11.0	40.0	12.48	11.0	40.0	—	—	—
5	16.18	2.8	40.0	16.18	2.8	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Drilling and boring machine operators	\$12.33	13.3	40.0	\$12.33	13.3	40.0	—	—	—
2	8.74	5.5	40.0	8.74	5.5	40.0	—	—	—
3	11.70	6.2	40.0	11.70	6.2	40.0	—	—	—
4	15.78	3.9	39.9	15.78	3.9	39.9	—	—	—
5	14.57	6.9	40.0	14.57	6.9	40.0	—	—	—
7	17.24	6.4	40.0	17.24	6.4	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.69	3.4	39.3	12.69	3.4	39.3	—	—	—
1	9.52	3.1	40.0	9.52	3.1	40.0	—	—	—
2	9.01	2.8	36.6	9.01	2.8	36.6	—	—	—
3	13.93	5.8	39.9	13.93	5.8	39.9	—	—	—
4	12.81	3.9	40.0	12.81	3.9	40.0	—	—	—
5	14.11	4.2	40.0	14.11	4.2	40.0	—	—	—
6	14.38	6.7	40.0	14.38	6.7	40.0	—	—	—
7	15.11	12.8	40.0	15.11	12.8	40.0	—	—	—
Forging machine operators	14.09	4.9	39.8	14.09	4.9	39.8	—	—	—
5	13.48	5.6	40.0	13.48	5.6	40.0	—	—	—
Numerical control machine operators	14.79	3.0	40.0	14.79	3.1	40.0	—	—	—
2	11.17	3.3	40.0	11.17	3.3	40.0	—	—	—
3	11.07	5.6	39.7	11.07	5.6	39.7	—	—	—
4	15.17	4.8	40.0	15.17	4.8	40.0	—	—	—
5	13.44	3.0	40.0	13.41	3.0	40.0	—	—	—
6	15.88	2.7	40.0	15.88	2.7	40.0	—	—	—
7	19.91	2.6	40.0	19.91	2.6	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.91	3.8	39.0	13.91	3.8	39.0	—	—	—
1	9.74	4.4	39.9	9.74	4.4	39.9	—	—	—
2	9.56	6.8	39.9	9.56	6.8	39.9	—	—	—
3	13.37	10.3	36.8	13.37	10.3	36.8	—	—	—
4	15.43	6.5	39.9	15.43	6.5	39.9	—	—	—
5	13.65	2.2	40.0	13.65	2.2	40.0	—	—	—
6	16.20	2.3	40.0	16.20	2.3	40.0	—	—	—
7	16.13	8.7	40.0	16.13	8.7	40.0	—	—	—
Molding and casting machine operators	11.49	4.2	39.8	11.49	4.2	39.8	—	—	—
1	8.93	6.2	39.7	8.93	6.2	39.7	—	—	—
2	8.98	2.0	39.3	8.98	2.0	39.3	—	—	—
3	11.81	3.8	39.9	11.81	3.8	39.9	—	—	—
4	11.92	5.8	40.0	11.92	5.8	40.0	—	—	—
5	13.68	4.3	39.9	13.68	4.3	39.9	—	—	—
6	14.90	2.5	39.7	14.90	2.5	39.7	—	—	—
Metal plating machine operators	13.52	3.7	39.5	13.52	3.7	39.5	—	—	—
3	10.88	7.1	39.7	10.88	7.1	39.7	—	—	—
4	14.41	2.8	39.0	14.41	2.8	39.0	—	—	—
5	13.65	5.1	40.0	13.65	5.1	40.0	—	—	—
Heat treating equipment operators	14.94	7.1	39.9	14.94	7.1	39.9	—	—	—
3	15.22	17.6	40.0	15.22	17.6	40.0	—	—	—
4	13.05	4.7	39.7	13.05	4.7	39.7	—	—	—
5	18.27	6.1	40.0	18.27	6.1	40.0	—	—	—
Wood lathe, routing, and planing machine operators	9.44	12.0	39.5	9.44	12.0	39.5	—	—	—
3	9.36	11.6	40.0	9.36	11.6	40.0	—	—	—
Sawing machine operators	11.03	7.0	39.7	11.03	7.0	39.7	—	—	—
2	8.79	6.9	35.8	8.79	6.9	35.8	—	—	—
3	12.74	4.8	40.0	12.74	4.8	40.0	—	—	—
4	9.03	23.3	40.0	9.03	23.3	40.0	—	—	—
Shaping and jointing machine operators	11.16	4.8	40.0	11.16	4.8	40.0	—	—	—
4	10.98	5.4	40.0	10.98	5.4	40.0	—	—	—
Printing press operators	14.32	3.8	39.3	14.33	3.9	39.3	\$13.77	2.2	37.8
1	9.90	9.7	36.7	9.90	9.7	36.7	—	—	—
2	9.20	7.0	40.0	8.95	6.3	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Printing press operators—Continued									
3	\$11.74	5.1	39.3	\$11.72	5.2	39.3	—	—	—
4	11.96	6.0	39.6	11.90	6.1	39.8	\$13.42	6.1	35.4
5	13.68	5.4	38.8	13.66	5.6	38.8	—	—	—
6	15.59	7.1	39.5	15.59	7.1	39.5	—	—	—
7	18.75	4.0	39.2	18.87	4.1	39.2	—	—	—
8	23.82	7.7	36.7	23.82	7.7	36.7	—	—	—
Photoengravers and lithographers	17.22	8.0	38.9	17.22	8.0	38.9	—	—	—
5	16.76	7.7	39.0	16.76	7.7	39.0	—	—	—
6	19.20	7.0	38.3	19.20	7.0	38.3	—	—	—
7	19.82	7.3	39.2	19.82	7.3	39.2	—	—	—
Typesetters and compositors	14.02	7.5	34.2	14.03	7.6	34.2	—	—	—
3	10.87	10.5	35.1	10.87	10.5	35.1	—	—	—
5	14.19	7.7	39.8	14.28	8.1	40.0	—	—	—
7	17.57	9.2	29.0	17.57	9.2	29.0	—	—	—
Winding and twisting machine operators	12.77	7.0	39.9	12.77	7.0	39.9	—	—	—
1	7.65	7.5	39.7	7.65	7.5	39.7	—	—	—
2	9.50	2.7	39.6	9.50	2.7	39.6	—	—	—
3	11.49	4.2	39.8	11.49	4.2	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	12.00	3.1	40.0	12.00	3.1	40.0	—	—	—
2	9.64	4.4	39.9	9.64	4.4	39.9	—	—	—
3	11.01	3.4	39.9	11.01	3.4	39.9	—	—	—
4	11.61	6.0	40.0	11.61	6.0	40.0	—	—	—
Textile cutting machine operators	9.13	7.4	40.0	9.13	7.4	40.0	—	—	—
3	10.34	1.7	40.0	10.34	1.7	40.0	—	—	—
Textile sewing machine operators	7.94	5.2	39.3	7.93	5.2	39.3	—	—	—
1	6.55	4.0	39.6	6.55	4.0	39.6	—	—	—
2	7.62	7.0	39.8	7.62	7.0	39.8	—	—	—
3	8.52	9.8	38.2	8.51	9.8	38.2	—	—	—
4	11.47	6.0	39.5	11.46	6.0	39.5	—	—	—
5	12.31	15.3	40.0	12.31	15.3	40.0	—	—	—
Shoe machine operators	10.05	11.2	40.0	10.05	11.2	40.0	—	—	—
2	11.10	5.5	40.0	11.10	5.5	40.0	—	—	—
Pressing machine operators	8.47	4.7	38.5	8.47	4.7	38.5	—	—	—
1	8.09	9.1	37.3	8.09	9.1	37.3	—	—	—
2	7.91	2.6	39.3	7.91	2.6	39.3	—	—	—
Laundering and dry cleaning machine operators	7.84	4.6	37.8	7.77	4.7	37.8	9.99	8.3	36.5
1	7.02	3.4	37.9	6.94	3.4	37.9	9.26	11.2	37.9
2	8.35	1.9	37.9	8.23	1.8	38.0	10.88	9.0	35.8
3	10.85	10.3	39.7	10.85	10.3	39.7	—	—	—
Not able to be leveled	7.25	2.8	28.0	7.25	2.8	28.0	—	—	—
Cementing and gluing machine operators	10.54	8.2	40.0	10.54	8.2	40.0	—	—	—
2	9.75	12.7	40.0	9.75	12.7	40.0	—	—	—
3	9.95	11.7	40.0	9.95	11.7	40.0	—	—	—
4	12.75	3.6	40.0	12.75	3.6	40.0	—	—	—
Packaging and filling machine operators	12.32	4.1	39.4	12.32	4.1	39.4	—	—	—
1	7.88	7.2	38.1	7.88	7.2	38.1	—	—	—
2	11.04	4.3	39.0	11.04	4.3	39.0	—	—	—
4	14.37	9.2	39.5	14.37	9.2	39.5	—	—	—
5	18.36	7.2	39.7	18.36	7.2	39.7	—	—	—
Extruding and forming machine operators	12.42	4.9	39.6	12.42	4.9	39.6	—	—	—
1	8.70	5.6	39.2	8.70	5.6	39.2	—	—	—
2	10.34	8.4	39.4	10.34	8.4	39.4	—	—	—
3	14.45	8.7	39.4	14.45	8.7	39.4	—	—	—
4	12.09	6.1	39.9	12.09	6.1	39.9	—	—	—
5	15.63	4.1	40.0	15.63	4.1	40.0	—	—	—
6	14.30	3.3	38.3	14.30	3.3	38.3	—	—	—
Mixing and blending machine operators	14.29	5.1	39.7	14.29	5.1	39.7	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Mixing and blending machine operators—Continued									
1	\$8.37	15.4	40.0	\$8.37	15.4	40.0	—	—	—
2	11.83	6.3	39.1	11.83	6.3	39.1	—	—	—
3	10.61	6.1	36.0	10.61	6.1	36.0	—	—	—
4	13.72	4.2	40.0	13.72	4.2	40.0	—	—	—
5	17.30	8.8	39.6	17.30	8.8	39.6	—	—	—
6	18.58	8.6	39.8	18.58	8.6	39.8	—	—	—
7	17.67	3.0	44.4	17.67	3.0	44.4	—	—	—
Separating, filtering, and clarifying machine operators									
4	17.02	4.3	39.8	17.04	4.3	39.8	—	—	—
5	15.90	6.2	39.6	15.90	6.2	39.6	—	—	—
6	16.06	4.3	40.1	16.06	4.3	40.1	—	—	—
7	19.16	8.6	39.4	19.16	8.6	39.4	—	—	—
7	18.80	7.5	40.0	19.13	7.8	40.0	—	—	—
Compressing and compacting machine operators									
1	11.13	3.0	35.2	11.13	3.0	35.2	—	—	—
2	8.18	15.6	35.2	8.18	15.6	35.2	—	—	—
3	11.53	4.8	40.0	11.53	4.8	40.0	—	—	—
3	11.31	6.4	40.0	11.31	6.4	40.0	—	—	—
Painting and paint spraying machine operators									
1	14.33	12.8	40.0	14.32	12.8	40.0	—	—	—
2	9.00	8.1	40.0	9.00	8.1	40.0	—	—	—
3	11.08	7.6	39.9	11.08	7.6	39.9	—	—	—
4	10.98	13.0	40.0	10.98	13.0	40.0	—	—	—
5	13.06	3.8	39.8	13.06	3.8	39.8	—	—	—
7	13.23	3.7	40.3	13.23	3.7	40.3	—	—	—
7	23.65	5.3	40.7	23.65	5.3	40.7	—	—	—
Roasting and baking machine operators, food ..									
5	9.95	4.0	38.9	9.95	4.0	38.9	—	—	—
5	12.38	2.9	40.0	12.38	2.9	40.0	—	—	—
Washing, cleaning, and pickling machine operators									
2	9.51	6.5	30.8	9.51	6.5	30.8	—	—	—
Folding machine operators									
2	12.55	6.2	39.7	12.55	6.2	39.7	—	—	—
4	11.11	10.9	40.0	11.11	10.9	40.0	—	—	—
4	12.99	11.6	39.9	12.99	11.6	39.9	—	—	—
Furnace, kiln, and oven operators, except food									
2	14.18	5.2	40.0	14.12	5.3	40.0	—	—	—
3	9.96	6.4	39.7	9.96	6.4	39.7	—	—	—
4	14.77	12.5	40.0	14.77	12.5	40.0	—	—	—
5	13.34	4.5	40.2	13.26	4.8	40.2	—	—	—
6	16.80	7.3	40.0	16.88	8.0	40.0	—	—	—
7	16.77	3.9	40.0	16.77	3.9	40.0	—	—	—
7	19.61	8.4	40.0	19.58	9.4	40.0	—	—	—
Crushing and grinding machine operators									
2	12.91	7.3	40.0	12.91	7.3	40.0	—	—	—
3	12.16	11.0	39.5	12.16	11.0	39.5	—	—	—
4	13.06	7.5	40.0	13.06	7.5	40.0	—	—	—
5	17.12	7.1	40.0	17.12	7.1	40.0	—	—	—
5	13.13	9.8	40.0	13.13	9.8	40.0	—	—	—
Slicing and cutting machine operators									
1	13.26	4.6	39.9	13.26	4.6	39.9	—	—	—
2	9.31	7.7	40.0	9.31	7.7	40.0	—	—	—
3	10.67	5.8	40.0	10.67	5.8	40.0	—	—	—
4	11.91	4.0	40.0	11.91	4.0	40.0	—	—	—
5	13.89	4.5	40.0	13.89	4.5	40.0	—	—	—
5	13.91	3.7	40.0	13.91	3.7	40.0	—	—	—
Photographic process machine operators									
2	11.21	5.1	31.5	11.22	5.1	31.5	—	—	—
3	8.04	6.1	25.2	8.04	6.1	25.2	—	—	—
4	10.38	6.6	37.0	10.46	6.6	37.0	—	—	—
7	12.85	5.8	39.1	12.85	5.8	39.1	—	—	—
7	16.61	6.0	39.3	16.61	6.0	39.3	—	—	—
Miscellaneous machine operators, n.e.c.									
1	12.28	4.0	39.4	12.26	4.0	39.4	\$18.95	13.1	38.6
1	8.97	3.7	38.0	8.97	3.7	38.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar —Continued									
Machine operators, assemblers, and inspectors									
—Continued									
Miscellaneous machine operators, n.e.c.									
—Continued									
2	\$9.39	6.6	38.0	\$9.39	6.6	38.0	—	—	—
3	10.67	5.3	39.9	10.66	5.3	39.9	—	—	—
4	14.71	3.7	39.8	14.73	3.7	39.8	—	—	—
5	16.06	2.5	39.9	16.06	2.5	39.9	—	—	—
6	17.78	4.3	39.9	17.78	4.3	39.9	—	—	—
7	19.28	4.5	39.9	19.07	4.6	39.9	—	—	—
8	23.61	9.0	39.0	23.61	9.0	39.0	—	—	—
Not able to be leveled	11.03	8.7	40.0	11.03	8.7	40.0	—	—	—
Welders and cutters	15.01	2.8	39.8	14.89	2.9	39.8	\$19.77	8.6	40.0
1	8.00	12.0	35.3	8.00	12.0	35.3	—	—	—
2	10.47	5.1	40.0	10.47	5.1	40.0	—	—	—
3	14.07	9.9	40.0	14.07	9.9	40.0	—	—	—
4	13.40	5.7	39.0	13.40	5.7	39.0	—	—	—
5	14.29	2.4	40.0	14.29	2.4	40.0	—	—	—
6	14.54	3.2	39.9	14.58	3.3	39.9	—	—	—
7	17.55	6.1	40.0	17.25	6.5	40.0	20.77	7.7	40.0
8	17.76	8.3	40.0	17.76	8.3	40.0	—	—	—
Solders and braziers	10.30	10.0	40.0	10.30	10.0	40.0	—	—	—
2	9.44	4.5	40.0	9.44	4.5	40.0	—	—	—
3	10.19	4.0	40.0	10.19	4.0	40.0	—	—	—
4	12.14	5.1	40.0	12.14	5.1	40.0	—	—	—
5	12.47	6.2	40.0	12.47	6.2	40.0	—	—	—
Assemblers	12.19	4.6	39.1	12.19	4.6	39.1	—	—	—
1	7.58	5.6	37.9	7.58	5.6	37.9	—	—	—
2	8.95	3.4	38.4	8.95	3.4	38.4	—	—	—
3	15.82	6.4	39.9	15.82	6.4	39.9	—	—	—
4	14.93	4.4	39.9	14.93	4.4	39.9	—	—	—
5	13.85	3.1	39.8	13.85	3.1	39.8	—	—	—
6	15.34	6.0	39.9	15.34	6.0	39.9	—	—	—
7	15.70	5.9	40.0	15.70	5.9	40.0	—	—	—
Not able to be leveled	11.25	17.6	39.5	11.25	17.6	39.5	—	—	—
Hand cutting and trimming	8.40	7.8	40.0	8.40	7.8	40.0	—	—	—
1	7.00	6.5	40.0	7.00	6.5	40.0	—	—	—
2	8.07	12.6	40.0	8.07	12.6	40.0	—	—	—
3	8.29	8.7	40.0	8.29	8.7	40.0	—	—	—
4	15.19	5.0	40.0	15.19	5.0	40.0	—	—	—
Hand molding, casting, and forming	11.99	3.6	39.8	11.99	3.6	39.8	—	—	—
2	10.15	12.1	38.8	10.15	12.1	38.8	—	—	—
Hand painting, coating, and decorating	10.38	6.7	40.0	10.40	6.8	40.0	—	—	—
1	8.69	4.9	40.0	8.69	4.9	40.0	—	—	—
2	10.27	5.3	40.0	10.39	5.7	40.0	—	—	—
4	12.96	1.7	40.0	12.96	1.7	40.0	—	—	—
Hand engraving and printing	12.25	4.3	35.5	12.25	4.3	35.5	—	—	—
Miscellaneous hand working, n.e.c.	11.32	4.6	39.1	11.32	4.6	39.1	—	—	—
1	8.38	2.8	37.5	8.38	2.8	37.5	—	—	—
2	9.07	6.7	39.1	9.07	6.7	39.1	—	—	—
3	13.56	7.6	40.0	13.56	7.6	40.0	—	—	—
4	13.88	8.5	40.0	13.88	8.5	40.0	—	—	—
5	15.64	3.5	40.0	15.64	3.5	40.0	—	—	—
Production inspectors, checkers and examiners	12.63	4.5	39.6	12.63	4.5	39.6	—	—	—
1	8.81	4.5	39.8	8.81	4.5	39.8	—	—	—
2	9.76	6.2	39.9	9.76	6.2	39.9	—	—	—
3	13.18	7.6	39.4	13.18	7.6	39.4	—	—	—
4	12.12	2.6	38.6	12.12	2.6	38.6	—	—	—
5	13.39	4.1	40.0	13.39	4.1	40.0	—	—	—
6	17.59	7.4	39.9	17.59	7.4	39.9	—	—	—
7	17.51	7.6	40.0	17.64	7.6	40.0	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Production inspectors, checkers and examiners—Continued									
Not able to be leveled	\$12.47	8.6	40.0	\$12.47	8.6	40.0	—	—	—
Production testers	12.70	4.0	39.9	12.70	4.0	39.9	—	—	—
1	8.21	4.1	40.0	8.21	4.1	40.0	—	—	—
2	9.68	3.1	40.0	9.68	3.1	40.0	—	—	—
3	12.24	8.8	39.9	12.24	8.8	39.9	—	—	—
4	13.69	4.6	40.1	13.69	4.6	40.1	—	—	—
5	14.00	6.1	39.9	14.00	6.1	39.9	—	—	—
6	16.41	6.1	39.3	16.41	6.1	39.3	—	—	—
7	17.00	8.8	40.0	17.00	8.8	40.0	—	—	—
Production samplers and weighers	14.38	8.2	39.8	14.38	8.2	39.8	—	—	—
Graders and sorters, except agricultural	10.10	6.3	39.9	10.10	6.3	39.9	—	—	—
1	6.76	5.5	39.7	6.76	5.5	39.7	—	—	—
2	9.05	9.0	39.7	9.05	9.0	39.7	—	—	—
3	12.37	7.6	40.0	12.37	7.6	40.0	—	—	—
Hand inspectors, n.e.c.	10.14	8.8	40.1	10.14	8.8	40.1	—	—	—
2	9.74	6.4	40.0	9.74	6.4	40.0	—	—	—
Transportation and material moving	13.53	1.6	37.2	13.37	1.8	37.5	\$14.80	1.9	34.5
1	7.50	4.7	29.1	7.47	4.8	29.2	9.41	5.2	28.1
2	9.92	1.9	34.3	9.67	1.9	34.6	12.77	3.6	31.3
3	12.40	3.1	37.2	12.30	3.5	38.1	13.23	3.8	31.1
4	13.48	2.7	38.6	13.39	3.0	39.1	14.25	3.6	34.7
5	16.21	1.6	39.3	16.34	1.8	40.0	15.60	2.8	36.3
6	18.42	2.9	41.7	18.86	3.2	42.2	16.33	5.7	39.7
7	20.16	2.7	40.8	20.43	3.0	41.1	18.79	5.9	39.4
8	24.37	5.0	40.2	24.49	5.5	40.2	—	—	—
9	28.73	5.9	40.6	29.30	6.4	40.7	25.69	5.4	39.6
Not able to be leveled	16.43	12.7	40.5	16.43	12.7	40.5	—	—	—
Supervisors, motor vehicle operators	18.02	4.7	42.5	18.19	4.8	43.2	17.35	12.0	39.8
4	11.41	5.3	41.8	—	—	—	—	—	—
5	15.04	7.6	43.5	15.55	7.2	44.2	—	—	—
6	14.12	5.7	43.2	14.73	6.9	45.6	—	—	—
7	20.20	3.2	42.4	20.02	3.6	42.7	21.61	2.6	40.0
8	21.84	3.5	41.8	—	—	—	—	—	—
9	24.31	5.0	41.1	22.07	5.5	42.9	—	—	—
Truck drivers	13.11	2.2	39.7	13.05	2.3	39.7	14.68	4.5	39.5
1	8.38	4.4	33.4	8.37	4.4	33.4	—	—	—
2	9.90	2.9	37.9	9.79	3.0	37.9	12.16	8.7	38.3
3	12.72	5.3	39.1	12.59	5.5	39.0	15.63	10.9	39.7
4	12.66	4.1	40.8	12.61	4.2	40.8	13.95	7.0	39.9
5	16.06	2.4	41.1	16.11	2.5	41.2	14.98	3.7	39.1
6	19.02	3.9	43.2	19.06	4.0	43.3	17.32	7.3	39.9
7	17.67	4.6	40.9	17.50	5.0	41.1	18.54	8.7	40.0
Not able to be leveled	13.44	10.3	42.0	13.44	10.3	42.0	—	—	—
Driver-sales workers	13.24	5.9	34.6	13.23	5.9	34.6	—	—	—
1	5.55	3.0	22.4	5.55	3.0	22.4	—	—	—
2	8.27	15.4	21.9	8.27	15.4	21.9	—	—	—
3	12.16	6.1	38.3	12.10	6.1	38.3	—	—	—
4	13.77	8.0	39.8	13.77	8.0	39.8	—	—	—
5	16.04	5.0	40.9	16.04	5.0	40.9	—	—	—
6	18.64	12.4	41.1	18.64	12.4	41.1	—	—	—
Bus drivers	13.27	2.3	28.8	11.73	3.2	28.2	14.77	2.0	29.4
1	9.38	7.2	22.7	—	—	—	10.06	10.7	20.5
2	10.98	4.3	28.6	9.93	4.2	29.0	13.16	3.4	27.6
3	11.93	2.2	26.9	10.61	3.1	27.0	12.93	3.0	26.8
4	14.30	3.2	28.7	13.27	4.6	27.9	15.58	3.6	29.7
5	16.44	2.2	32.8	16.02	4.6	33.1	16.62	2.6	32.7

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001–Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Transportation and material moving –Continued									
Bus drivers –Continued									
6	\$17.65	1.3	38.8	–	–	–	–	–	–
7	17.58	6.0	32.7	–	–	–	\$17.83	6.0	33.9
Taxicab drivers and chauffeurs									
1	8.67	4.0	26.4	\$8.70	4.1	26.1	7.78	14.3	35.7
2	7.16	3.2	16.5	7.18	3.3	16.3	–	–	–
3	8.79	5.7	30.3	8.77	5.8	30.2	–	–	–
4	9.35	7.7	38.2	9.72	7.5	38.6	–	–	–
4	10.06	12.5	31.2	10.04	13.2	31.0	–	–	–
Parking lot attendants									
1	7.86	7.8	32.1	7.85	7.8	32.1	–	–	–
2	7.47	14.2	30.6	7.45	14.4	30.5	–	–	–
2	8.08	5.5	33.5	8.08	5.5	33.5	–	–	–
Motor transportation, n.e.c.									
1	7.95	7.4	30.1	7.44	7.0	29.6	15.40	8.1	39.2
2	6.07	8.8	27.6	6.05	8.8	27.5	–	–	–
3	8.48	9.0	33.8	7.72	5.1	33.4	–	–	–
4	8.52	12.5	32.9	8.26	12.0	32.7	14.45	10.3	38.5
5	13.29	13.6	22.7	9.95	15.5	17.2	17.70	11.1	39.4
7	17.38	5.0	40.0	–	–	–	–	–	–
7	18.78	8.8	40.0	–	–	–	–	–	–
Railroad conductors and yardmasters									
7	26.94	4.6	41.2	26.93	4.8	41.2	–	–	–
7	27.44	3.4	40.0	27.45	3.5	40.0	–	–	–
Locomotive operating									
5	25.57	8.7	40.2	27.88	9.7	40.3	20.82	3.1	40.0
5	20.28	4.3	40.0	–	–	–	–	–	–
Railroad brake, signal and switch operators									
7	22.49	12.0	40.0	23.13	14.2	40.0	–	–	–
7	26.33	6.5	40.0	–	–	–	–	–	–
Rail vehicle operators, n.e.c.									
7	19.77	2.2	40.0	–	–	–	–	–	–
Ship captains and mates, except fishing boats ..									
7	19.95	5.3	44.0	19.60	6.3	44.5	–	–	–
7	19.27	6.0	47.4	18.87	6.4	48.0	–	–	–
Sailors and deckhands									
3	12.53	9.4	36.4	12.44	9.6	37.0	–	–	–
Bridge, lock and lighthouse tenders									
7	12.28	3.0	40.0	–	–	–	11.96	1.9	40.0
Supervisors, material moving equipment									
5	18.05	4.0	40.5	18.05	4.1	40.6	18.04	10.0	38.8
6	14.74	5.0	41.5	14.71	5.0	41.5	–	–	–
7	18.13	6.1	40.0	18.32	6.6	40.3	–	–	–
7	17.60	3.3	40.8	17.60	3.3	40.8	–	–	–
9	22.35	6.9	40.0	22.15	7.4	40.0	–	–	–
Operating engineers									
2	18.63	5.8	39.9	20.82	4.4	39.8	14.34	8.9	40.0
3	14.28	10.8	40.0	–	–	–	–	–	–
4	10.03	6.8	40.0	–	–	–	–	–	–
5	15.48	12.7	40.0	18.90	6.6	40.0	12.37	13.4	40.0
6	18.11	6.7	40.0	19.83	7.4	40.0	16.19	8.1	40.0
7	18.52	10.8	39.9	20.39	14.9	39.9	15.56	8.7	40.0
7	22.77	3.8	39.6	22.96	4.1	39.6	20.65	6.8	39.7
Longshore equipment operators									
7	28.75	5.7	39.0	29.14	5.2	39.0	–	–	–
Crane and tower operators									
2	17.39	5.7	39.8	17.34	5.8	39.8	–	–	–
3	10.70	10.1	40.0	10.70	10.1	40.0	–	–	–
4	16.09	11.8	38.9	16.09	11.8	38.9	–	–	–
5	13.57	4.5	40.0	13.60	4.6	40.0	–	–	–
6	18.19	4.0	40.0	18.19	4.0	40.0	–	–	–
7	21.20	6.0	40.0	21.10	6.4	40.0	–	–	–
7	24.69	14.0	40.0	24.84	14.8	40.0	–	–	–
Excavating and loading machine operators									
2	15.28	3.9	40.0	15.41	4.1	40.0	14.66	8.5	39.8
3	11.85	8.4	40.0	–	–	–	–	–	–
4	11.44	6.6	40.0	11.70	7.8	40.0	10.45	6.8	39.8
5	14.10	4.5	39.9	14.28	4.6	40.0	13.47	11.5	39.6
6	16.13	5.2	40.0	16.29	5.5	40.0	15.08	12.3	40.0
7	19.22	1.7	40.0	19.31	1.8	40.0	–	–	–
7	18.56	13.4	40.0	21.62	10.0	40.0	–	–	–
Grader, dozer, and scrapper operators									
2	15.43	5.9	40.0	16.59	7.3	40.0	13.91	7.2	40.0
3	10.13	9.1	40.0	–	–	–	–	–	–
3	12.20	6.9	40.0	–	–	–	12.67	15.8	40.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Grader, dozer, and scraper operators—Continued									
4	\$13.86	5.4	40.0	\$14.86	3.9	40.0	\$11.02	5.8	40.0
5	14.32	7.4	39.9	15.96	7.2	40.0	12.64	7.4	39.9
6	13.33	9.8	40.0	—	—	—	12.48	8.9	40.0
7	18.90	11.7	40.0	23.13	10.6	40.0	17.41	14.2	40.0
Industrial truck and tractor equipment operators	13.61	4.3	39.6	13.62	4.4	39.6	13.19	5.7	40.0
1	10.19	10.3	40.0	10.26	11.0	40.0	—	—	—
2	10.62	2.3	39.5	10.62	2.3	39.5	—	—	—
3	12.18	4.2	39.7	12.18	4.3	39.7	—	—	—
4	15.11	3.3	39.1	15.14	3.4	39.1	—	—	—
5	17.59	5.4	39.8	17.75	5.4	39.8	—	—	—
6	15.96	10.5	40.0	15.93	11.4	40.0	—	—	—
7	16.54	9.5	40.0	16.60	10.4	40.0	—	—	—
Not able to be leveled	17.11	16.4	40.0	17.11	16.4	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	15.08	5.0	38.2	15.24	5.7	38.0	14.21	4.2	39.0
1	8.79	11.1	33.2	8.79	11.1	33.2	—	—	—
2	11.13	4.8	34.0	11.14	4.9	33.9	—	—	—
3	14.08	9.1	39.7	14.29	9.6	39.7	10.94	8.8	39.3
4	16.44	9.9	39.7	17.27	10.3	39.7	12.05	4.0	39.5
5	16.16	3.1	38.1	16.90	4.0	38.0	15.27	4.7	38.2
6	20.20	8.9	38.4	20.68	9.6	38.2	16.07	6.9	39.9
7	19.80	4.7	39.9	19.91	7.6	39.9	19.69	5.7	40.0
Handlers, equipment cleaners, helpers, and laborers	10.37	1.3	35.6	10.22	1.3	35.5	13.00	2.5	38.2
1	8.25	1.8	32.7	8.19	1.9	32.6	10.20	5.9	35.8
2	9.55	3.1	36.9	9.51	3.2	36.8	10.56	4.3	38.9
3	11.97	2.2	37.8	11.95	2.4	37.8	12.24	3.0	38.6
4	13.53	3.1	38.4	13.35	3.4	38.3	14.95	4.5	39.1
5	15.04	3.5	38.9	14.98	4.2	39.2	15.31	3.7	37.8
6	16.96	3.8	39.6	17.18	4.4	39.5	16.19	7.1	40.0
7	19.57	3.8	39.3	19.55	4.5	39.1	19.64	3.9	40.0
8	19.95	2.9	41.2	20.03	3.0	41.3	—	—	—
9	24.52	7.2	40.0	29.18	8.8	40.0	—	—	—
Not able to be leveled	9.95	5.5	37.4	9.95	5.6	37.4	—	—	—
Nursery workers	7.55	2.6	37.1	7.57	2.6	37.0	—	—	—
1	7.02	3.1	38.7	7.02	3.1	38.7	—	—	—
Supervisors, agriculture-related workers	17.72	6.6	38.8	16.90	8.7	38.4	19.44	5.1	39.8
5	14.02	5.6	40.0	13.90	7.7	40.0	14.26	6.1	40.0
6	17.74	9.5	40.0	—	—	—	—	—	—
7	21.38	4.0	36.5	21.99	4.6	34.8	20.29	6.3	40.0
9	25.94	8.2	40.0	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...	10.04	6.3	35.8	9.32	7.9	35.2	11.99	3.3	37.4
1	7.31	7.1	35.9	7.09	7.3	36.6	8.48	3.2	32.4
2	9.71	3.7	32.3	9.42	4.5	30.5	10.54	5.8	39.0
3	11.23	2.1	35.5	11.14	2.2	34.1	11.43	4.6	39.4
4	12.37	5.1	38.6	10.81	3.8	38.9	14.71	6.6	38.1
5	14.41	3.5	39.8	13.92	3.7	40.0	15.18	7.1	39.5
6	15.99	3.4	40.0	—	—	—	16.01	3.7	40.0
7	19.73	10.2	40.0	—	—	—	19.63	13.4	40.0
Animal caretakers, except farm	10.92	12.0	33.2	9.40	9.7	31.2	14.02	10.8	38.4
2	9.09	6.7	37.5	—	—	—	9.94	16.2	40.0
4	15.27	6.5	37.6	—	—	—	—	—	—
Inspectors, agricultural products	8.74	10.9	34.6	8.72	11.1	38.8	—	—	—
1	7.34	4.5	38.1	7.34	4.5	38.1	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.41	6.4	38.8	17.43	7.4	38.6	17.33	6.3	39.9
3	10.17	5.2	39.7	10.17	5.2	39.7	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.—Continued									
5	\$15.42	4.7	39.2	\$14.86	4.3	39.1	\$17.28	11.2	39.8
6	16.11	6.6	40.2	16.72	8.3	40.3	13.76	9.3	40.0
7	19.40	5.4	40.1	19.21	6.2	40.2	20.52	2.6	40.0
8	20.23	3.7	41.7	—	—	—	—	—	—
Not able to be leveled	19.78	12.3	40.0	19.78	12.3	40.0	—	—	—
Helpers, mechanics and repairers	10.69	3.9	38.6	10.14	3.9	38.5	13.94	7.4	38.8
1	8.90	11.9	39.3	8.65	12.4	39.5	—	—	—
2	9.05	3.3	38.4	8.99	3.3	38.4	—	—	—
3	12.12	6.3	39.5	11.47	6.0	40.1	16.66	13.2	36.1
4	12.37	5.2	37.2	11.81	5.3	37.0	14.58	6.9	38.3
5	14.86	6.2	38.6	14.14	5.6	37.3	15.59	10.2	40.0
Helpers, construction trades	10.65	3.3	39.3	10.58	3.4	39.3	13.04	6.2	40.0
1	9.97	11.0	39.9	9.97	11.0	39.9	—	—	—
2	9.75	5.2	38.8	9.73	5.3	38.8	10.46	8.6	40.0
3	11.60	4.6	40.0	11.56	4.8	40.0	13.36	11.0	40.0
4	11.10	5.5	38.3	10.99	5.7	38.2	12.84	7.5	40.0
5	16.17	4.9	38.9	16.30	6.0	38.5	—	—	—
Helpers, extractive	9.42	12.1	38.3	9.42	12.1	38.3	—	—	—
1	8.15	9.1	37.8	8.15	9.1	37.8	—	—	—
Construction laborers	12.35	4.7	39.3	12.39	5.2	39.3	11.99	4.7	39.1
1	9.20	6.0	38.6	9.21	6.4	38.6	9.08	7.4	38.4
2	10.40	5.1	39.8	10.47	5.5	40.0	9.73	10.4	38.1
3	15.46	13.0	40.0	15.80	14.1	40.0	12.60	4.2	39.6
4	15.28	7.6	38.7	15.50	8.7	38.5	14.00	5.8	40.0
5	17.98	4.6	39.8	18.97	3.0	39.7	15.14	6.9	40.0
Production helpers	10.27	2.4	38.9	10.27	2.4	39.0	11.18	12.0	24.6
1	9.00	3.5	39.3	8.99	3.5	39.5	—	—	—
2	10.23	5.3	39.8	10.23	5.3	39.8	—	—	—
3	10.92	3.2	36.2	10.93	3.2	36.4	—	—	—
4	13.51	3.6	39.7	13.49	3.6	39.7	—	—	—
5	12.16	7.0	39.7	12.16	7.0	39.7	—	—	—
Garbage collectors	13.72	7.7	39.7	—	—	—	15.09	10.5	39.6
1	12.50	4.2	39.5	—	—	—	12.24	11.0	38.9
2	10.63	14.0	40.6	—	—	—	11.56	12.1	39.6
3	12.90	3.5	40.0	—	—	—	13.18	5.2	40.0
4	18.53	2.8	40.0	—	—	—	18.53	2.8	40.0
Stock handlers and baggers	9.18	2.2	30.0	9.18	2.2	30.0	10.82	15.1	35.5
1	7.05	1.8	25.8	7.05	1.8	25.8	—	—	—
2	9.10	2.4	32.0	9.10	2.4	32.0	—	—	—
3	10.99	4.5	35.5	10.99	4.5	35.4	—	—	—
4	12.79	3.8	38.5	12.82	3.9	38.5	—	—	—
5	15.14	4.3	38.9	15.17	4.4	38.9	—	—	—
6	17.72	7.2	39.8	17.72	7.2	39.8	—	—	—
Not able to be leveled	10.34	16.4	31.6	10.34	16.4	31.6	—	—	—
Machine feeders and offbearers	8.71	9.2	39.0	8.71	9.2	39.0	—	—	—
1	8.76	4.0	38.8	8.76	4.0	38.8	—	—	—
3	11.18	8.5	39.4	11.18	8.5	39.4	—	—	—
4	12.72	8.5	39.8	12.72	8.5	39.8	—	—	—
5	14.65	4.1	39.0	14.65	4.1	39.0	—	—	—
Freight, stock, and material handlers, n.e.c.	11.50	3.3	34.2	11.51	3.3	34.1	11.08	10.8	39.2
1	9.17	5.7	31.2	9.16	5.7	31.1	—	—	—
2	10.65	5.2	33.2	10.65	5.2	33.2	—	—	—
3	14.02	4.2	36.6	14.05	4.2	36.6	—	—	—
4	14.16	5.0	38.0	14.22	5.1	38.0	—	—	—
5	13.18	10.8	39.5	13.13	10.9	39.5	—	—	—
6	17.64	3.8	40.3	17.64	3.8	40.3	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Garage and service station related	\$9.44	6.1	35.3	\$9.27	6.3	35.4	\$13.81	9.6	34.4
1	7.26	7.0	26.3	7.26	7.0	26.3	—	—	—
2	8.40	3.6	38.8	8.31	3.4	38.7	—	—	—
3	9.41	10.6	38.5	9.12	10.1	39.3	—	—	—
4	14.37	10.3	40.0	14.34	11.0	40.0	—	—	—
Vehicle washers and equipment cleaners	8.94	3.8	37.5	8.90	3.8	37.5	12.81	5.6	36.8
1	7.81	4.4	36.6	7.81	4.4	36.7	—	—	—
2	10.10	5.7	39.0	10.10	5.7	39.0	—	—	—
3	12.33	5.7	40.0	12.31	5.9	40.0	—	—	—
4	13.88	4.5	39.8	13.84	5.3	39.9	—	—	—
5	15.60	3.7	38.7	15.60	3.7	38.7	—	—	—
Hand packers and packagers	9.70	4.8	37.9	9.70	4.8	37.9	—	—	—
1	7.99	2.3	35.7	7.99	2.3	35.7	—	—	—
2	9.60	1.9	39.3	9.60	1.9	39.3	—	—	—
4	13.71	6.5	39.5	13.71	6.5	39.5	—	—	—
5	13.49	9.4	39.9	13.49	9.4	39.9	—	—	—
Laborers, except construction, n.e.c.	9.97	1.9	36.5	9.76	2.1	36.3	12.27	3.6	38.6
1	8.53	3.3	34.5	8.39	3.5	34.4	10.83	9.4	37.1
2	10.01	2.9	37.8	9.91	3.0	37.7	11.04	7.3	38.7
3	11.82	5.4	39.2	11.73	6.1	39.2	12.62	5.1	39.6
4	12.58	4.8	38.8	12.34	5.2	38.6	14.31	4.5	39.9
5	14.92	6.2	38.8	14.38	7.7	38.4	16.37	6.2	40.0
6	15.29	8.4	38.0	15.32	9.4	37.8	—	—	—
Not able to be leveled	9.03	1.9	38.9	9.00	1.9	38.9	—	—	—
Service	9.86	1.2	31.7	8.45	1.2	30.6	15.42	1.5	36.9
1	6.89	1.2	26.8	6.69	1.3	26.5	9.19	2.3	30.0
2	7.45	1.5	30.9	7.18	1.5	30.8	9.79	1.6	32.4
3	8.87	1.5	32.7	8.45	1.7	32.3	11.25	2.0	34.8
4	10.66	1.4	35.0	10.28	1.7	34.8	12.52	1.5	36.3
5	13.18	4.0	37.8	12.58	4.7	37.1	14.34	2.7	39.4
6	15.77	2.3	39.4	14.24	4.6	37.2	16.87	2.5	41.1
7	19.64	2.0	38.1	18.55	5.0	32.6	20.12	1.5	41.1
8	21.10	1.4	40.7	19.14	4.9	40.3	21.38	1.4	40.7
9	25.18	2.2	41.4	21.35	5.8	44.1	25.30	2.2	41.4
10	29.14	2.3	40.9	31.66	4.5	40.2	28.94	2.5	40.9
11	31.00	6.7	41.6	—	—	—	32.02	6.5	41.1
Not able to be leveled	10.60	7.2	35.6	10.31	7.6	35.5	16.37	13.1	38.1
Protective service	15.99	1.8	37.6	9.83	3.3	33.6	19.24	2.1	40.1
1	7.45	3.4	33.9	7.39	3.5	35.2	8.81	6.0	17.9
2	8.09	2.7	32.9	7.91	3.0	33.2	9.70	6.7	30.3
3	9.55	2.4	32.4	9.05	2.4	32.3	12.32	4.6	32.7
4	11.81	3.0	35.6	10.39	4.5	34.6	13.28	2.4	36.6
5	13.89	2.5	39.4	11.38	6.6	36.4	14.46	3.5	40.1
6	17.20	2.5	40.5	17.83	6.2	29.5	17.16	2.7	41.6
7	20.28	1.6	40.4	19.50	3.5	31.2	20.33	1.7	41.3
8	21.43	1.5	40.7	23.30	10.3	36.6	21.39	1.5	40.8
9	25.26	2.2	41.4	—	—	—	25.27	2.2	41.4
10	29.05	2.4	40.9	—	—	—	28.98	2.5	40.9
11	31.83	6.3	41.1	—	—	—	32.02	6.5	41.1
Not able to be leveled	17.21	10.0	37.9	—	—	—	17.28	16.5	39.9
Supervisors, firefighters and fire prevention	23.10	4.6	49.0	—	—	—	23.12	4.6	49.0
6	13.15	6.3	52.1	—	—	—	13.15	6.3	52.1
7	18.92	5.9	48.7	—	—	—	18.92	5.9	48.7
8	20.26	4.8	47.7	—	—	—	20.32	4.9	47.9
9	25.57	8.3	50.2	—	—	—	25.57	8.3	50.2
10	23.42	6.6	48.0	—	—	—	23.42	6.6	48.0
11	32.49	6.7	47.0	—	—	—	32.49	6.7	47.0
Supervisors, police and detectives	26.99	3.2	40.1	—	—	—	27.06	3.2	40.1

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Supervisors, police and detectives—Continued									
6	\$16.46	14.7	40.0	—	—	—	\$16.64	15.3	40.0
7	19.78	7.4	40.0	—	—	—	19.78	7.4	40.0
8	22.75	7.1	40.3	—	—	—	22.75	7.1	40.3
9	28.68	3.9	40.0	—	—	—	28.68	3.9	40.0
10	30.73	2.8	40.2	—	—	—	30.73	2.8	40.2
11	33.63	9.0	40.2	—	—	—	33.63	9.0	40.2
Supervisors, guards	17.91	6.5	38.1	\$15.15	7.8	38.0	23.02	9.0	38.3
4	10.50	3.8	34.3	10.37	4.6	38.0	—	—	—
5	11.22	5.0	38.7	10.85	4.0	38.5	—	—	—
6	16.25	4.3	39.8	17.13	5.6	39.7	14.81	3.5	40.0
7	20.24	3.7	37.2	—	—	—	22.11	6.0	38.6
8	22.75	9.0	40.1	23.58	15.3	40.0	21.86	4.8	40.1
10	32.82	2.2	39.9	—	—	—	—	—	—
Fire inspection and fire prevention	19.17	7.7	38.7	—	—	—	21.52	5.0	38.1
6	20.88	6.1	38.1	—	—	—	19.97	6.6	37.4
7	19.34	10.5	46.8	—	—	—	20.51	9.7	48.0
Firefighting	17.16	2.8	46.6	—	—	—	17.13	2.8	46.7
3	11.33	17.9	33.1	—	—	—	11.33	17.9	33.1
4	13.97	9.3	41.9	—	—	—	13.97	9.3	41.9
5	14.92	4.4	47.7	—	—	—	14.89	4.4	47.7
6	15.93	4.5	47.7	—	—	—	15.93	4.5	47.7
7	19.34	3.9	46.3	—	—	—	19.30	4.0	46.4
8	17.92	3.1	49.5	—	—	—	17.92	3.1	49.5
9	23.90	6.1	47.1	—	—	—	23.90	6.1	47.1
Police and detectives, public service	21.45	1.5	39.4	—	—	—	21.47	1.5	39.5
3	12.83	9.1	39.8	—	—	—	12.83	9.1	39.8
4	12.62	5.3	34.1	—	—	—	12.62	5.3	34.1
5	16.09	3.8	36.5	—	—	—	16.24	3.8	36.3
6	18.98	4.0	39.6	—	—	—	18.98	4.0	39.8
7	21.56	2.4	39.5	—	—	—	21.56	2.4	39.5
8	22.05	1.7	39.9	—	—	—	22.05	1.7	39.9
9	24.41	3.1	40.1	—	—	—	24.41	3.1	40.1
10	28.95	7.3	39.8	—	—	—	28.95	7.3	39.8
Sheriffs, bailiffs, and other law enforcement officers	17.52	2.8	38.8	—	—	—	17.52	2.8	38.8
2	7.74	7.5	36.3	—	—	—	7.74	7.5	36.3
3	14.91	9.1	34.4	—	—	—	14.91	9.1	34.4
4	14.80	4.2	35.7	—	—	—	14.80	4.2	35.7
5	14.95	6.4	39.7	—	—	—	14.95	6.4	39.7
6	16.13	6.3	39.7	—	—	—	16.13	6.3	39.7
7	17.91	3.4	39.8	—	—	—	17.92	3.4	39.9
8	20.40	5.6	38.9	—	—	—	20.40	5.6	38.9
9	25.00	1.9	40.0	—	—	—	25.00	1.9	40.0
Correctional institution officers	15.91	4.7	39.8	—	—	—	16.05	4.8	39.8
2	10.96	6.6	40.2	—	—	—	10.96	6.6	40.2
3	9.71	8.0	40.4	—	—	—	9.99	9.4	40.5
4	12.51	4.4	39.2	—	—	—	12.91	3.6	39.3
5	14.00	4.3	39.9	—	—	—	14.03	4.4	39.9
6	17.52	5.6	39.5	—	—	—	17.52	5.6	39.5
7	21.50	4.3	39.9	—	—	—	21.50	4.3	39.9
8	20.21	2.4	40.0	—	—	—	20.21	2.4	40.0
9	21.87	5.7	40.0	—	—	—	21.87	5.7	40.0
Crossing guards	9.59	4.6	17.1	—	—	—	9.59	4.6	17.1
1	9.05	7.3	16.4	—	—	—	9.05	7.3	16.4
2	10.70	6.0	18.6	—	—	—	10.70	6.0	18.6
3	8.19	8.1	16.1	—	—	—	8.19	8.1	16.1
Guards and police, except public service	9.70	3.4	34.2	9.49	3.6	34.2	13.49	3.5	33.6
1	7.43	3.7	35.2	7.43	3.7	35.3	7.58	6.6	22.3
2	7.95	3.0	33.7	7.92	3.1	33.8	10.12	5.4	26.7
3	9.31	2.6	34.2	9.08	2.5	34.1	13.20	8.2	35.0

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Guards and police, except public service—Continued									
4	\$10.61	4.9	35.0	\$10.51	5.2	35.1	\$12.04	5.4	34.4
5	12.01	6.9	35.3	11.51	8.9	35.5	14.16	3.8	34.4
6	17.58	9.8	25.7	18.30	10.3	24.2	—	—	—
7	19.65	5.7	25.9	19.83	6.5	25.5	18.74	4.5	28.0
8	23.47	6.2	31.9	—	—	—	—	—	—
Protective service, n.e.c.	11.46	6.2	26.8	8.25	6.2	21.5	13.99	5.9	33.1
1	6.63	2.4	32.4	6.48	2.2	33.4	—	—	—
2	7.85	4.7	23.3	7.50	5.0	21.8	8.53	8.5	27.0
3	10.53	8.1	18.3	8.50	9.5	12.8	12.15	6.4	27.8
4	10.65	6.4	29.9	9.92	12.1	28.0	11.37	4.0	32.1
5	14.13	11.5	37.5	—	—	—	14.75	11.4	38.0
6	16.22	8.5	39.8	—	—	—	—	—	—
7	16.95	16.6	40.6	—	—	—	—	—	—
Food service	7.14	1.6	29.0	6.99	1.8	29.0	10.02	1.7	29.8
1	5.98	1.5	25.3	5.89	1.6	25.2	8.25	2.0	26.5
2	6.23	2.5	28.9	6.08	2.6	29.0	9.28	2.3	26.8
3	7.37	3.0	31.4	7.22	3.2	31.4	9.83	2.5	31.4
4	9.14	2.1	36.1	8.98	2.2	36.2	11.28	3.6	35.8
5	11.46	2.6	39.2	11.13	3.0	39.5	13.45	6.0	37.3
6	12.46	5.8	42.2	12.37	6.1	42.5	13.96	4.5	38.5
7	15.61	8.3	43.6	15.66	8.5	43.8	—	—	—
8	18.70	3.7	40.8	18.81	3.9	41.4	—	—	—
9	21.64	6.1	43.8	20.83	7.8	45.4	—	—	—
Not able to be leveled	9.21	2.7	35.0	9.19	2.7	35.0	—	—	—
Waiters, waitresses, and bartenders	4.81	2.9	26.9	4.80	2.9	26.9	12.04	15.1	19.8
1	4.44	3.4	25.2	4.44	3.4	25.3	—	—	—
2	4.52	5.9	27.0	4.50	5.9	27.0	—	—	—
3	5.01	5.3	28.9	5.01	5.3	28.9	—	—	—
4	6.87	5.3	29.2	6.87	5.3	29.2	—	—	—
5	9.77	15.7	36.1	9.48	16.5	36.0	—	—	—
Not able to be leveled	6.22	26.0	27.5	6.22	26.0	27.5	—	—	—
Bartenders	6.94	5.3	29.9	6.94	5.3	30.0	—	—	—
1	5.07	10.3	25.8	4.99	10.6	28.8	—	—	—
2	6.34	10.1	33.1	6.34	10.1	33.1	—	—	—
3	6.75	7.5	27.5	6.75	7.5	27.5	—	—	—
4	7.55	5.8	29.2	7.55	5.8	29.3	—	—	—
5	9.57	17.5	36.2	9.57	17.5	36.2	—	—	—
Waiters and waitresses	3.96	3.2	26.2	3.94	3.2	26.2	—	—	—
1	3.81	4.5	24.8	3.81	4.5	24.8	—	—	—
2	3.88	5.2	25.9	3.88	5.2	25.9	—	—	—
3	4.05	5.8	29.7	4.05	5.8	29.7	—	—	—
4	5.10	11.5	28.8	5.10	11.5	28.8	—	—	—
5	11.58	21.1	34.6	8.27	14.5	33.2	—	—	—
Not able to be leveled	6.04	14.8	19.0	6.04	14.8	19.0	—	—	—
Waiters'/waitresses' assistants	5.90	2.7	26.7	5.86	2.7	26.8	11.29	10.2	21.6
1	5.66	3.1	26.2	5.65	3.1	26.2	—	—	—
2	6.68	6.2	28.2	6.46	5.7	28.3	—	—	—
3	6.82	11.7	26.9	6.82	11.7	26.9	—	—	—
Other food service	8.07	1.5	30.0	7.93	1.6	30.0	10.00	1.7	30.0
1	6.62	1.2	25.3	6.53	1.2	25.2	8.26	2.0	27.1
2	7.22	2.0	30.1	7.06	2.1	30.4	9.21	2.2	26.8
3	8.45	2.6	32.8	8.33	2.9	32.9	9.83	2.5	31.4
4	9.53	1.9	37.6	9.36	2.0	37.8	11.28	3.6	35.8
5	11.73	1.7	39.8	11.43	1.7	40.3	13.30	6.0	37.3
6	12.69	5.8	42.3	12.61	6.1	42.6	13.96	4.5	38.5
7	15.71	8.3	43.8	15.76	8.5	43.9	—	—	—
8	18.70	3.7	40.8	18.81	3.9	41.4	—	—	—
9	22.17	6.7	41.5	21.29	10.2	42.3	—	—	—
Not able to be leveled	9.31	2.7	35.3	9.28	2.6	35.3	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Food service—Continued									
Other food service—Continued									
Supervisors, food preparation and service	\$11.73	3.8	39.6	\$11.57	4.2	39.8	\$13.47	5.7	37.8
1	7.21	4.6	19.4	7.21	4.6	19.4	—	—	—
2	7.66	2.8	32.1	7.60	2.7	32.0	—	—	—
3	7.20	5.9	33.0	7.14	6.0	32.9	—	—	—
4	9.64	3.2	39.9	9.50	3.4	40.2	11.91	2.8	35.5
5	12.01	2.5	40.9	11.74	2.7	41.6	13.19	7.9	38.2
6	12.76	7.6	43.1	12.67	8.2	43.5	13.85	4.8	38.6
7	15.73	8.5	43.9	15.79	8.7	44.1	—	—	—
8	18.75	4.2	41.1	18.89	4.5	41.8	—	—	—
9	22.23	6.7	41.5	21.29	10.2	42.3	—	—	—
Not able to be leveled	14.01	12.1	41.6	14.01	12.1	41.6	—	—	—
Cooks	8.64	2.3	34.0	8.52	2.5	34.1	10.31	2.5	33.2
1	6.43	4.3	29.8	6.21	3.3	29.6	9.68	6.0	32.4
2	7.38	3.6	31.1	7.28	3.8	31.3	8.78	5.3	29.2
3	8.65	4.3	34.0	8.54	4.7	33.9	10.06	3.6	34.9
4	9.34	2.4	36.6	9.22	2.5	36.7	11.15	3.5	35.2
5	11.34	2.8	38.1	11.08	2.8	38.7	14.12	4.1	32.7
6	12.50	4.3	40.5	12.48	4.3	40.6	—	—	—
7	14.98	5.0	40.0	14.88	5.9	40.0	—	—	—
Food counter, fountain, and related	6.64	2.0	27.2	6.61	2.0	27.2	8.57	4.0	23.7
1	6.34	2.2	24.5	6.32	2.2	24.5	7.68	4.0	24.1
2	6.59	3.3	30.6	6.57	3.3	30.7	—	—	—
3	7.55	5.0	28.2	7.43	5.2	28.7	8.90	8.2	23.1
4	11.75	11.4	37.1	11.75	11.4	37.1	—	—	—
Kitchen workers, food preparation	7.66	2.4	29.8	7.54	2.5	29.7	8.78	2.9	30.6
1	6.69	2.8	27.6	6.59	3.0	27.4	7.86	3.5	31.1
2	7.70	3.2	30.6	7.53	3.5	31.1	8.88	3.9	28.0
3	8.68	2.8	31.9	8.66	2.9	32.1	8.90	5.7	28.7
4	9.94	7.1	36.1	9.79	9.5	35.7	10.36	6.2	37.4
Not able to be leveled	11.43	16.4	36.2	11.43	16.4	36.2	—	—	—
Food preparation, n.e.c.	7.17	1.3	26.5	6.98	1.4	26.4	9.38	1.9	26.8
1	6.72	1.5	24.5	6.62	1.6	24.4	8.31	1.7	25.2
2	7.31	2.7	28.8	7.07	3.0	29.2	9.61	2.6	25.3
3	8.52	3.5	32.3	8.23	3.8	32.7	10.01	3.9	30.1
4	9.22	7.0	38.6	8.73	5.9	39.2	12.89	7.9	34.6
Not able to be leveled	7.60	9.6	23.8	7.60	9.6	23.8	—	—	—
Health service	9.93	1.7	33.6	9.63	1.9	33.2	11.85	2.1	36.5
1	7.76	3.4	30.2	7.60	3.7	29.9	8.74	6.6	32.6
2	8.62	1.7	34.5	8.44	1.7	34.3	10.21	4.0	36.5
3	9.42	1.8	33.2	9.11	1.8	32.7	11.37	2.6	36.2
4	10.96	2.6	33.7	10.83	2.9	33.3	11.73	3.0	36.7
5	12.73	3.8	36.8	12.10	5.1	36.6	14.26	4.2	37.3
6	15.86	6.9	35.5	15.63	9.2	34.9	16.72	7.0	37.9
7	—	—	—	—	—	—	17.50	3.1	39.7
Not able to be leveled	9.60	6.2	34.2	9.58	6.2	34.2	—	—	—
Dental assistants	12.48	9.1	31.2	12.50	9.3	31.1	11.21	11.5	40.0
3	10.12	5.3	36.5	10.12	5.3	36.5	—	—	—
4	12.73	9.9	29.6	12.77	10.3	29.2	—	—	—
Health aides, except nursing	10.81	3.3	34.3	10.49	3.9	34.0	12.77	3.5	36.1
1	8.37	6.0	32.0	8.54	6.1	32.2	—	—	—
2	8.94	4.5	35.5	8.76	4.5	35.8	11.50	10.0	32.2
3	9.73	2.9	30.6	9.10	2.6	29.6	12.39	4.1	35.8
4	11.34	4.3	34.0	11.21	4.8	33.5	12.29	4.8	37.5
5	12.88	4.9	36.8	12.72	6.5	37.2	13.27	7.2	35.7
6	13.88	5.6	37.8	13.26	7.2	37.3	15.33	5.0	39.0
7	19.06	6.9	39.5	—	—	—	—	—	—
Not able to be leveled	10.90	2.8	39.2	10.90	2.8	39.2	—	—	—
Nursing aides, orderlies and attendants	9.34	1.2	33.7	8.95	1.2	33.2	11.54	2.4	36.6
1	7.59	4.0	29.7	7.32	4.0	29.2	9.08	7.3	32.9
2	8.54	1.8	34.2	8.35	1.7	33.9	10.01	4.2	37.2

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Health service—Continued									
Nursing aides, orderlies and attendants—Continued									
3	\$9.27	1.8	33.2	\$8.95	1.8	32.8	\$11.16	3.0	36.3
4	10.34	1.9	34.4	10.10	2.1	34.0	11.42	4.0	36.2
5	12.64	5.1	36.7	11.44	5.3	35.7	15.39	2.2	39.1
6	15.00	7.0	31.9	12.98	5.0	29.5	18.23	13.2	36.9
7	17.04	4.0	38.9	15.65	10.3	36.6	17.40	4.3	39.5
Not able to be leveled	8.90	7.9	32.1	8.87	7.9	32.1	—	—	—
Cleaning and building service	9.77	1.4	33.3	9.24	1.6	32.2	11.71	1.9	38.2
1	8.22	2.0	30.2	7.96	2.3	29.3	9.83	2.9	37.1
2	9.22	2.5	33.8	8.94	3.1	32.7	10.16	2.1	38.0
3	10.84	1.9	36.9	10.08	2.3	36.0	12.30	2.5	38.7
4	12.39	3.1	39.3	12.08	4.0	39.3	13.41	3.0	39.4
5	14.17	2.9	39.3	13.95	3.9	39.3	14.81	3.3	39.4
6	13.75	3.4	40.1	13.52	3.4	40.2	14.43	8.3	40.0
7	18.71	5.3	40.0	17.36	9.6	40.0	19.70	3.5	40.0
8	24.42	16.1	40.4	—	—	—	19.07	5.1	39.1
9	29.13	4.2	39.7	—	—	—	—	—	—
Not able to be leveled	9.63	6.6	39.1	9.61	6.6	39.1	—	—	—
Supervisors, cleaning and building service workers	14.15	3.6	39.1	13.30	3.6	38.8	16.31	8.0	39.8
3	9.62	5.5	35.6	9.32	6.4	34.7	10.85	4.6	39.8
4	12.69	5.0	39.7	12.55	5.7	39.7	13.91	4.8	39.6
5	13.55	6.6	38.9	13.36	8.7	38.6	14.09	7.6	39.7
6	14.14	5.3	40.3	13.88	5.3	40.4	15.02	14.3	39.9
7	19.25	6.7	40.0	17.37	11.9	40.1	20.80	2.8	40.0
8	24.42	16.1	40.4	—	—	—	19.07	5.1	39.1
9	29.13	4.2	39.7	—	—	—	—	—	—
Maids and housemen	8.02	2.4	34.3	8.00	2.4	34.2	8.36	4.9	36.6
1	7.64	3.0	34.5	7.63	3.0	34.4	8.18	7.6	35.4
2	8.09	2.8	32.9	8.11	2.9	32.6	7.84	4.6	39.1
3	9.62	5.3	35.6	9.56	5.4	35.6	—	—	—
4	13.63	7.1	38.4	13.58	7.2	38.3	—	—	—
Not able to be leveled	6.53	5.4	38.3	6.53	5.4	38.3	—	—	—
Janitors and cleaners	9.85	1.6	32.5	9.30	2.1	30.9	11.40	1.5	38.1
1	8.45	2.6	28.8	8.12	3.2	27.4	9.93	2.9	37.2
2	9.55	3.0	34.0	9.26	4.0	32.7	10.31	2.3	37.8
3	11.15	1.9	36.9	10.34	2.4	35.8	12.33	2.6	38.7
4	12.29	4.2	39.2	11.85	6.2	39.1	13.30	3.2	39.3
5	14.49	2.6	39.6	14.22	3.5	39.8	15.24	2.9	39.3
6	13.23	3.8	39.9	12.94	3.7	39.9	13.67	7.2	40.0
7	17.16	3.0	39.9	17.33	8.3	39.8	17.07	1.5	40.0
Not able to be leveled	10.14	5.4	39.3	10.11	5.5	39.3	—	—	—
Pest control	10.57	11.5	40.0	10.43	11.8	40.0	—	—	—
Personal service	9.80	2.9	29.8	9.73	3.3	30.0	10.32	2.8	28.2
1	6.80	2.1	22.6	6.66	2.2	23.1	8.24	4.0	18.7
2	7.13	3.6	29.4	6.84	3.7	29.8	9.12	5.0	27.2
3	8.92	3.9	31.0	8.83	4.6	31.2	9.31	4.7	30.3
4	10.59	3.4	33.2	10.36	3.6	33.2	12.12	4.3	32.9
5	—	—	—	—	—	—	13.39	4.3	36.4
6	15.45	11.0	32.5	15.79	11.8	32.8	12.98	8.1	30.9
7	24.79	12.3	26.9	25.95	13.4	25.8	15.27	6.9	40.0
8	18.19	6.6	39.8	16.96	6.0	40.5	—	—	—
Not able to be leveled	11.94	11.4	33.5	12.05	12.0	34.2	—	—	—
Supervisors, personal service	—	—	—	—	—	—	15.86	8.9	37.0
3	9.21	3.9	25.5	—	—	—	—	—	—
4	9.77	8.3	38.2	9.70	8.6	38.1	—	—	—
6	14.18	4.6	38.3	14.42	4.8	39.4	11.96	8.7	30.4
7	16.52	6.7	38.3	16.77	6.5	38.0	—	—	—
8	19.01	6.5	40.2	18.49	8.0	40.9	—	—	—
Hairdressers and cosmetologists	10.37	5.5	27.6	10.37	5.5	27.6	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service—Continued									
Hairdressers and cosmetologists—Continued									
2	\$9.51	18.1	34.6	\$9.51	18.1	34.7	—	—	—
3	10.56	9.4	25.8	10.56	9.4	25.8	—	—	—
4	10.00	6.7	31.8	10.00	6.7	31.8	—	—	—
Attendants, amusement, and recreation facilities									
.....	6.96	2.7	27.6	6.77	2.5	28.3	\$8.16	4.1	24.3
1	6.40	3.6	21.1	6.24	3.0	21.2	7.76	12.3	20.2
2	6.43	2.3	30.3	6.27	2.5	31.1	7.51	4.6	25.8
3	7.24	7.0	30.1	7.16	7.9	32.1	7.71	5.0	21.6
4	8.39	5.1	33.5	8.02	4.8	34.1	9.78	6.7	31.6
5	11.16	3.4	32.3	—	—	—	—	—	—
Guides	10.76	11.3	30.2	10.85	11.3	30.8	—	—	—
1	7.88	7.8	23.2	—	—	—	—	—	—
3	7.73	4.6	27.9	7.69	5.4	28.4	—	—	—
Ushers	7.01	5.0	22.2	7.01	5.0	22.3	—	—	—
1	6.45	4.2	18.8	6.45	4.3	18.9	—	—	—
2	6.54	6.6	19.8	6.54	6.6	19.8	—	—	—
Public transportation attendants	31.35	5.0	20.7	33.26	4.6	19.9	13.93	11.0	32.6
1	8.92	10.1	27.0	—	—	—	—	—	—
2	8.12	8.8	24.6	—	—	—	—	—	—
4	26.48	5.8	21.7	28.18	3.0	19.9	—	—	—
6	21.33	8.4	24.7	21.33	8.4	24.7	—	—	—
Baggage porters and bellhops	6.10	4.6	36.9	6.10	4.6	36.9	—	—	—
1	5.86	3.1	36.2	5.86	3.1	36.2	—	—	—
2	5.84	11.5	37.2	5.84	11.5	37.2	—	—	—
3	6.35	4.4	38.0	6.35	4.4	38.0	—	—	—
Welfare service aides	8.15	5.0	28.2	7.71	5.1	27.2	11.02	6.4	36.8
1	6.15	4.4	23.8	6.08	4.7	23.0	—	—	—
2	7.13	5.1	24.7	7.04	5.2	24.2	8.75	5.7	37.1
3	8.59	5.4	31.9	8.34	5.7	31.6	10.82	7.9	35.8
4	10.32	4.3	32.7	9.25	2.7	30.7	12.45	5.6	37.5
5	12.60	7.0	36.6	10.88	4.5	35.8	14.24	9.2	37.5
6	11.15	6.6	36.4	11.51	10.9	34.1	—	—	—
Early childhood teachers' assistants	7.57	4.3	30.6	6.98	4.6	30.5	9.65	3.4	30.8
1	6.78	5.5	24.0	6.32	5.6	24.7	8.84	5.6	21.3
2	6.57	4.7	31.2	6.20	3.8	30.9	8.73	4.5	32.5
3	8.44	8.1	32.4	7.69	14.4	32.0	9.53	4.5	33.1
4	8.86	5.4	34.1	8.27	5.0	34.4	11.70	8.3	32.7
5	11.47	14.4	33.5	—	—	—	—	—	—
6	11.41	19.2	28.9	—	—	—	—	—	—
7	9.24	7.5	34.0	—	—	—	—	—	—
Child care workers, n.e.c.	8.91	2.9	29.0	8.32	2.5	31.2	10.68	7.6	24.1
1	7.35	2.7	16.8	7.06	3.0	19.1	8.30	5.9	12.1
2	7.82	8.2	27.1	6.58	4.0	29.1	10.89	8.9	23.3
3	8.23	5.4	33.2	8.04	6.4	35.8	8.59	10.9	29.2
4	9.77	6.0	36.8	9.43	5.6	38.0	12.53	6.4	29.1
5	12.32	4.8	38.1	10.82	4.4	37.2	13.29	3.2	38.6
6	11.24	7.0	27.3	10.18	4.5	28.4	—	—	—
7	11.63	15.1	40.0	—	—	—	—	—	—
8	19.08	22.9	38.7	—	—	—	—	—	—

See footnotes at end of table.

TABLE 2-4. Selected occupations¹ and levels:² Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ January 2001—Continued

Occupation and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service—Continued									
Service, n.e.c.	\$9.84	5.5	29.0	\$9.75	5.9	28.9	\$11.03	3.5	30.2
1	7.21	3.9	25.1	7.19	3.9	25.2	7.91	5.3	22.5
2	8.41	6.2	28.6	8.42	6.5	28.8	8.35	9.3	23.9
3	10.46	9.4	30.9	10.48	9.9	31.1	10.07	6.0	28.5
4	10.95	4.4	34.0	10.71	5.6	34.0	11.66	5.6	34.0
5	12.22	6.5	31.9	11.76	8.2	30.6	13.47	4.5	36.0
6	19.65	15.8	36.9	19.72	15.7	36.9	—	—	—
Not able to be leveled	13.97	10.2	31.5	14.25	9.7	32.7	—	—	—

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

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

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

weighted by hours.

⁴ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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 2-5. **Collective bargaining status:¹ Mean hourly earnings ² by occupational group,³ National Compensation Survey,⁴ January 2001**

Occupational group	Total		Private industry		State and local government	
	Union	Nonunion	Union	Nonunion	Union	Nonunion
Mean						
All	\$19.50	\$15.52	\$17.60	\$15.16	\$22.29	\$18.97
White collar	23.76	19.30	20.84	18.99	25.12	21.65
White collar, excluding sales	24.48	20.64	22.76	20.45	25.15	21.71
Professional specialty and technical	30.71	25.08	30.66	25.22	30.72	24.55
Professional specialty	31.32	27.37	28.48	27.86	31.78	25.85
Technical	27.38	17.80	33.34	18.09	17.95	15.53
Executive, administrative, and managerial ...	26.22	28.97	28.26	28.99	25.91	28.81
Sales	11.74	13.82	11.55	13.83	16.10	10.93
Administrative support, including clerical	15.16	12.44	16.39	12.47	14.32	12.19
Blue collar	17.80	12.31	17.79	12.27	17.84	13.40
Precision production, craft, and repair	21.72	15.63	22.00	15.62	20.06	15.69
Machine operators, assemblers, and inspectors	15.99	11.05	15.97	11.05	17.92	11.23
Transportation and material moving	17.35	11.85	17.49	11.82	16.80	12.20
Handlers, equipment cleaners, helpers, and laborers	13.60	9.46	13.41	9.41	14.91	10.93
Service	15.30	8.59	11.76	8.08	17.89	12.53
Protective service	20.84	12.30	13.86	9.30	21.55	15.79
Food service	9.76	6.98	9.03	6.90	11.30	9.25
Health service	11.31	9.57	10.16	9.53	13.57	9.99
Cleaning and building service	12.32	8.86	11.76	8.63	13.11	10.24
Personal service	15.42	9.05	18.18	9.04	11.80	9.23
Relative error ⁵ (percent)						
All	0.9	1.3	1.4	1.4	1.2	1.5
White collar	1.3	1.6	2.2	1.8	1.7	1.4
White collar, excluding sales	1.4	1.6	2.3	1.9	1.7	1.4
Professional specialty and technical	1.2	2.6	3.9	3.2	1.1	1.6
Professional specialty	1.0	3.1	2.6	4.0	1.1	1.6
Technical	5.4	1.5	7.5	1.7	2.0	2.3
Executive, administrative, and managerial ...	4.6	1.9	4.5	2.2	5.2	2.2
Sales	3.4	2.6	3.5	2.6	6.5	4.4
Administrative support, including clerical	1.3	1.4	1.4	1.5	1.7	1.7
Blue collar	1.6	1.0	1.8	1.0	1.4	1.7
Precision production, craft, and repair	1.3	1.4	1.4	1.5	1.8	2.2
Machine operators, assemblers, and inspectors	3.0	1.4	3.1	1.4	6.6	7.4
Transportation and material moving	1.9	1.9	2.3	2.0	1.9	1.9
Handlers, equipment cleaners, helpers, and laborers	2.6	1.3	3.0	1.3	2.7	3.7
Service	1.6	1.3	2.9	1.4	1.6	1.8
Protective service	1.8	1.9	12.3	2.4	1.5	2.9
Food service	2.3	1.7	3.1	1.8	2.1	2.1
Health service	3.2	2.0	4.6	2.1	2.0	2.8
Cleaning and building service	2.3	1.8	3.8	1.8	1.9	4.2
Personal service	4.9	4.0	7.9	4.3	3.4	3.4

¹ Union workers are those whose wages are determined through collective bargaining.

² 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.

³ A classification system including about 480 individual occupations is

used to cover all workers in the civilian economy. For more information, see appendix B.

⁴ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

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

TABLE 2-6. Time and incentive pay:¹ Mean hourly earnings² and weekly hours by occupational group³ in private industry, National Compensation Survey,⁴ January 2001

Occupational group	Time			Incentive		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$15.15	1.2	35.5	\$20.38	4.8	38.1
White collar	18.65	1.8	35.8	24.63	5.3	37.7
White collar, excluding sales	20.31	1.8	37.0	30.01	9.8	35.7
Professional specialty and technical	25.36	3.0	35.8	34.76	15.8	34.9
Professional specialty	27.67	3.9	35.8	35.22	16.5	34.8
Technical	19.58	1.9	35.9	25.09	10.3	38.1
Executive, administrative, and managerial ...	28.43	1.9	40.3	38.32	13.3	41.0
Sales	11.14	2.3	31.3	22.38	4.2	38.5
Administrative support, including clerical	12.71	1.4	36.5	13.18	5.1	30.5
Blue collar	13.51	1.2	38.1	15.08	3.9	39.7
Precision production, craft, and repair	17.14	1.5	39.5	18.48	4.6	40.6
Machine operators, assemblers, and inspectors	12.23	1.9	39.1	12.85	5.9	39.6
Transportation and material moving	13.10	1.9	37.2	15.81	5.0	41.2
Handlers, equipment cleaners, helpers, and laborers	10.16	1.3	35.5	11.96	10.5	35.4
Service	8.40	1.2	30.6	10.53	5.0	33.5
Protective service	9.83	3.3	33.6	—	—	—
Food service	6.97	1.8	28.9	9.59	14.4	43.3
Health service	9.63	1.9	33.2	—	—	—
Cleaning and building service	9.22	1.7	32.1	9.94	10.7	35.2
Personal service	9.61	3.7	29.9	11.01	6.2	30.9

¹ 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.

² 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.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy.

For more information, see appendix B.

⁴ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

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

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

Chapter 3. Establishment characteristics

In chapter 3, data on earnings by establishment size are presented. (See tables 3-1, 3-2, and 3-3.)

Average hourly earnings tended to increase with establishment size. In establishments with 1 to 99 workers, average hourly earnings were \$13.80, compared with \$15.77 in establishments with 100 to 499 workers, and \$17.98 in establishments with 500 to 999 workers. Average hourly earnings were \$18.82 in establishments with 1,000 to 2,499 workers and \$22.31 in establishments with 2,500 or more workers.

Private industry vs. State and local government

In private industry, average hourly earnings ranged from \$13.76 in establishments with 1 to 99 workers to \$23.22 in establishments with 2,500 workers or more. (See table 3-

2.) In State and local governments, the comparable range was from \$16.20 to \$21.53 per hour. (See table 3-3.)

Occupational groups

Among occupational groups, average hourly earnings for employees tended to increase with establishment size. In private industry, for example, white-collar workers in establishments with 1 to 99 workers had average hourly earnings of \$16.61, while those in establishments with 2,500 or more workers had average hourly earnings of \$26.21. Blue-collar workers in establishments with 1 to 99 workers averaged \$12.87 an hour, compared with \$20.41 for those in establishments with 2,500 or more workers. Comparable earnings for service workers in private establishments were \$7.76 and \$12.49 per hour, respectively.

TABLE 3-1. **United States, establishment employment size: Mean hourly earnings¹ by occupational group,² National Compensation Survey,³ January 2001**

Occupational group	1 to 99 workers ⁴	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 or more workers
	Mean				
All	\$13.80	\$15.77	\$17.98	\$18.82	\$22.31
White collar	16.65	20.04	22.39	22.34	24.73
White collar, excluding sales	18.05	21.30	22.95	22.71	24.85
Professional specialty and technical	24.78	24.05	26.82	26.03	28.99
Professional specialty	27.72	25.86	29.37	28.09	30.11
Technical	17.40	17.83	17.74	18.41	23.82
Executive, administrative, and managerial ...	25.34	30.96	32.60	31.32	30.15
Sales	13.25	14.65	14.49	13.42	18.29
Administrative support, including clerical	12.13	12.80	13.57	13.39	14.15
Blue collar	12.87	12.93	14.70	16.40	19.28
Precision production, craft, and repair	16.17	17.42	18.38	19.11	21.29
Machine operators, assemblers, and inspectors	10.31	11.70	13.08	15.90	20.52
Transportation and material moving	12.15	14.13	16.07	16.44	16.62
Handlers, equipment cleaners, helpers, and laborers	9.77	10.10	11.87	11.87	14.05
Service	7.84	9.57	11.23	11.41	15.57
Protective service	10.70	13.12	14.90	15.79	20.64
Food service	6.59	7.76	8.39	9.09	9.58
Health service	9.89	9.11	9.89	10.59	11.69
Cleaning and building service	8.84	9.55	10.75	10.24	11.49
Personal service	8.92	9.29	9.31	9.89	15.26
	Relative error ⁵ (percent)				
All	2.1	1.5	1.5	2.1	1.2
White collar	3.1	2.7	1.6	1.2	1.2
White collar, excluding sales	3.8	2.7	1.5	1.2	1.2
Professional specialty and technical	8.5	2.9	1.7	1.4	1.1
Professional specialty	10.2	4.1	1.7	1.3	1.1
Technical	3.9	1.9	2.2	2.5	3.8
Executive, administrative, and managerial ...	3.6	3.6	3.0	2.5	3.0
Sales	3.0	5.8	9.0	5.6	9.8
Administrative support, including clerical	2.5	1.0	1.4	1.7	1.2
Blue collar	1.3	2.0	2.4	2.4	2.1
Precision production, craft, and repair	2.0	2.1	3.0	2.9	2.2
Machine operators, assemblers, and inspectors	2.6	1.8	2.6	4.1	2.8
Transportation and material moving	2.6	2.5	3.9	4.5	2.1
Handlers, equipment cleaners, helpers, and laborers	2.2	1.7	3.9	3.3	3.4
Service	2.2	1.2	2.9	4.2	2.3
Protective service	7.4	3.6	5.4	5.1	1.8
Food service	2.1	1.7	3.6	2.7	3.4
Health service	4.3	1.2	4.5	2.3	2.8
Cleaning and building service	2.4	2.5	4.2	2.8	3.4
Personal service	6.3	3.1	5.5	9.0	8.1

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

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

³ This survey covers all 50 States. Collection was conducted

between March 2000 and January 2002. The average reference period was January 2001.

⁴ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

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

TABLE 3-2. Private Industry, establishment employment size: Mean hourly earnings¹ by occupational group,² National Compensation Survey,³ January 2001

Occupational group	1 to 99 workers	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 or more workers
	Mean				
All	\$13.76	\$15.37	\$17.01	\$18.43	\$23.22
White collar	16.61	19.70	21.56	22.00	26.21
White collar, excluding sales	18.02	21.11	22.26	22.52	26.52
Professional specialty and technical	24.85	23.23	25.34	25.65	30.42
Professional specialty	27.96	25.03	28.99	28.25	31.40
Technical	17.42	18.10	17.97	18.83	27.74
Executive, administrative, and managerial ...	25.37	31.39	33.18	31.95	33.22
Sales	13.25	14.67	14.61	13.44	18.62
Administrative support, including clerical	12.13	12.88	13.84	13.63	14.65
Blue collar	12.87	12.84	14.66	16.50	20.41
Precision production, craft, and repair	16.17	17.42	18.55	19.36	22.61
Machine operators, assemblers, and inspectors	10.31	11.70	13.07	15.91	20.65
Transportation and material moving	12.16	14.10	16.31	17.02	17.79
Handlers, equipment cleaners, helpers, and laborers	9.76	9.98	11.85	11.69	14.12
Service	7.76	8.69	9.01	9.64	12.49
Protective service	9.52	8.86	9.28	11.04	15.37
Food service	6.59	7.63	8.06	8.89	8.71
Health service	9.90	9.05	8.99	10.27	10.76
Cleaning and building service	8.81	9.28	9.85	9.71	10.63
Personal service	8.93	9.27	8.78	9.67	18.19
	Relative error ⁴ (percent)				
All	2.1	1.7	1.9	2.8	1.9
White collar	3.2	3.2	2.0	1.5	1.6
White collar, excluding sales	3.9	3.3	2.0	1.5	1.6
Professional specialty and technical	8.9	3.6	2.1	1.8	1.8
Professional specialty	10.6	5.2	2.1	1.6	1.7
Technical	4.0	2.0	2.4	2.8	4.9
Executive, administrative, and managerial ...	3.7	3.9	3.7	3.1	2.9
Sales	3.0	5.8	9.3	5.8	10.6
Administrative support, including clerical	2.5	1.2	1.6	2.1	1.4
Blue collar	1.3	2.0	2.6	2.6	2.5
Precision production, craft, and repair	2.0	2.2	3.4	3.3	2.8
Machine operators, assemblers, and inspectors	2.6	1.8	2.6	4.1	2.8
Transportation and material moving	2.6	2.8	4.4	5.5	3.9
Handlers, equipment cleaners, helpers, and laborers	2.2	1.6	4.2	3.7	4.9
Service	2.3	1.2	2.8	3.5	5.2
Protective service	8.2	2.0	3.2	6.1	9.9
Food service	2.1	1.8	4.2	3.6	5.6
Health service	4.4	1.2	4.1	2.6	3.6
Cleaning and building service	2.5	2.9	6.7	3.7	6.6
Personal service	6.3	3.5	7.0	11.2	13.4

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

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

³ This survey covers all 50 States. Collection was conducted

between March 2000 and January 2002. The average reference period was January 2001.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

TABLE 3-3. State and local government, establishment employment size: Mean hourly earnings¹ by occupational group,² National Compensation Survey,³ January 2001

Occupational group	50 to 99 workers	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 or more workers
	Mean				
All	\$16.20	\$19.19	\$21.18	\$19.77	\$21.53
White collar	19.26	22.22	24.28	23.05	23.55
White collar, excluding sales	19.29	22.28	24.38	23.10	23.58
Professional specialty and technical	23.08	26.77	28.95	26.68	27.90
Professional specialty	23.70	28.19	29.76	27.87	29.31
Technical	15.01	15.86	15.84	16.47	16.70
Executive, administrative, and managerial ...	23.29	27.08	30.80	29.66	27.44
Sales	11.70	11.09	11.31	12.74	14.89
Administrative support, including clerical	11.49	12.31	12.81	12.81	13.79
Blue collar	12.71	15.06	15.24	15.74	17.00
Precision production, craft, and repair	15.99	17.45	17.07	17.91	18.91
Machine operators, assemblers, and inspectors	—	11.85	14.28	14.52	16.86
Transportation and material moving	11.56	14.35	14.79	14.69	16.01
Handlers, equipment cleaners, helpers, and laborers	10.33	12.98	12.11	12.72	13.94
Service	12.54	13.98	15.29	13.90	17.05
Protective service	15.70	17.72	19.13	16.88	21.12
Food service	8.23	9.72	9.91	9.92	10.48
Health service	9.23	9.87	12.51	11.42	13.05
Cleaning and building service	10.25	11.23	12.73	11.01	12.00
Personal service	8.36	9.40	10.44	10.57	11.00
	Relative error ⁴ (percent)				
All	3.7	1.8	2.0	2.1	1.1
White collar	3.1	1.8	2.2	1.9	1.4
White collar, excluding sales	3.1	1.8	2.2	1.9	1.4
Professional specialty and technical	4.7	2.3	2.4	2.2	1.4
Professional specialty	4.8	2.2	2.4	2.1	1.3
Technical	6.4	3.3	3.4	3.8	2.6
Executive, administrative, and managerial ...	7.2	3.1	3.7	3.2	4.0
Sales	12.7	5.8	10.6	10.3	7.8
Administrative support, including clerical	4.2	2.1	2.1	2.3	1.7
Blue collar	4.2	2.6	2.3	3.5	1.8
Precision production, craft, and repair	5.8	2.8	2.7	5.3	2.5
Machine operators, assemblers, and inspectors	—	17.1	3.7	5.2	10.0
Transportation and material moving	3.3	3.6	3.2	4.2	2.5
Handlers, equipment cleaners, helpers, and laborers	6.9	4.5	3.9	5.7	3.9
Service	9.3	3.4	3.3	3.0	1.9
Protective service	10.2	3.1	3.8	6.5	1.8
Food service	8.1	4.0	5.6	2.0	3.1
Health service	4.5	4.7	3.3	3.9	3.2
Cleaning and building service	5.0	3.1	3.5	2.7	3.3
Personal service	11.1	6.7	6.9	4.5	3.9

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

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between March 2000 and January 2002. The average reference period was January 2001.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

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

Chapter 4. Geographic areas

Chapter 4 presents occupational earnings data for the following geographic designations:

- Metropolitan and nonmetropolitan areas (tables 4-1 and 4-2)
- Ten largest metropolitan areas (table 4-3)
- Census divisions (tables 4-4 to 4-12)

Metropolitan and nonmetropolitan areas¹

Workers in metropolitan areas had average hourly earnings of \$16.37, higher than the average of \$14.53 for their nonmetropolitan counterparts. The same pattern was found for private industry workers and State and local government workers. (See table 4-1.)

Professional specialty and technical workers in metropolitan areas earned an average of \$26.58 per hour, compared with \$22.23 in nonmetropolitan areas. In metropolitan areas, average hourly earnings were \$12.88 for administrative support, including clerical, workers and \$17.39 for precision production, craft, and repair workers; in nonmetropolitan areas these averages were \$11.64 and \$15.79, respectively. (See table 4-2.)

The pattern of higher wages for most workers in metropolitan areas holds when the data are viewed by establishment characteristics and census division.

Ten largest metropolitan areas

Earnings data for the 10 largest metropolitan areas by employment size are shown in table 4-3. Average hourly earnings for all workers ranged from \$18.18 in Houston-Galveston-Brazoria to \$23.36 in San Francisco-Oakland-San Jose. Survey timing accounts for part of the earnings differences among the 10 areas. For example, the average payroll reference month for Boston-Worcester-Lawrence was September 2000, while it was April 2001 for the San Francisco-Oakland-San Jose survey. The average payroll reference month for national estimates was January 2001.

Census divisions²

Pay varied across the census divisions allowing comparisons. Average hourly earnings ranged from \$14.70 in the Mountain census division to \$18.72 in the Middle Atlantic census division. State and local government workers in all regions had higher average hourly earnings than private industry workers. In most census divisions, workers in metropolitan areas had higher average hourly earnings than their nonmetropolitan counterparts (tables 4-4 to 4-12).

White-collar earnings ranged from \$17.64 in the Mountain division to \$23.24 in the Middle Atlantic division. Blue-collar earnings ranged from \$12.52 in the West South Central division to \$14.73 in the Middle Atlantic division. Earnings for service occupations ranged from \$8.11 in the West South Central division to \$11.58 in the Middle Atlantic division.

¹ The NCS uses the Office of Management and Budget's (OMB) definition of areas. For more information, see appendix A.

² The nine census divisions consist of New England, Middle Atlantic, East North Central, West North Central, South Atlantic, East South Cen-

tral, West South Central, Mountain, and Pacific. Average hourly earnings and mean weekly hours for the East South Central census division did not meet publishability standards. For a list of the States in each division, see appendix E.

TABLE 4-1. Summary, metropolitan and nonmetropolitan areas:¹ Mean hourly earnings² and weekly hours by selected characteristics, National Compensation Survey,³ January 2001

Worker and establishment characteristics and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$16.23	1.0	35.8	\$16.37	1.1	35.7	—	—	—
Private industry	15.46	1.2	35.7	15.62	1.3	35.6	—	—	—
State and local government	20.56	.8	36.7	21.32	.7	36.7	\$17.35	2.2	36.9
Worker characteristics:⁵									
White-collar occupations ⁶	19.86	1.4	36.0	19.96	1.4	36.0	—	—	—
Professional specialty and technical ...	26.18	2.0	35.9	26.58	2.2	35.8	22.23	1.8	36.5
Executive, administrative, and managerial	28.80	1.9	40.0	28.95	2.0	40.1	25.99	3.4	39.7
Sales	13.74	2.5	32.7	13.81	2.6	32.7	11.24	5.3	32.7
Administrative support	12.80	1.2	36.4	12.88	1.2	36.3	11.64	2.7	37.4
Blue-collar occupations ⁶	13.73	1.1	38.1	13.83	1.2	38.1	12.80	4.2	38.6
Precision production, craft, and repair	17.28	1.4	39.6	17.39	1.5	39.5	15.79	3.9	40.0
Machine operators, assemblers, and inspectors	12.29	1.8	39.2	12.30	1.9	39.1	12.22	5.1	39.7
Transportation and material moving ...	13.53	1.6	37.2	13.49	1.6	37.2	14.03	8.4	36.3
Handlers, equipment cleaners, helpers, and laborers	10.37	1.3	35.6	10.43	1.4	35.5	9.86	4.3	36.7
Service occupations ⁶	9.86	1.2	31.7	9.85	1.2	31.5	—	—	—
Full time	17.13	1.1	39.6	17.33	1.2	39.6	14.98	2.0	39.5
Part time	9.17	1.3	20.6	9.17	1.4	20.6	9.12	3.4	20.8
Union	19.50	.9	36.9	19.76	.9	36.8	17.15	4.2	38.1
Nonunion	15.52	1.3	35.6	15.66	1.3	35.5	13.78	2.0	36.6
Time	16.00	1.0	35.7	16.12	1.1	35.6	14.64	1.9	36.8
Incentive	20.38	4.8	38.1	21.01	4.7	37.9	12.39	6.6	40.4
Establishment characteristics:									
Goods producing ⁷	16.71	1.3	39.5	17.05	1.3	39.4	13.93	5.0	39.9
Service producing ⁷	14.96	1.6	34.3	15.09	1.7	34.3	11.94	2.4	34.3
1 to 99 workers ⁸	13.80	2.1	34.8	13.84	2.1	34.7	12.49	3.0	35.3
100 to 499 workers	15.77	1.5	36.3	16.07	1.6	36.2	—	—	—
500 to 999 workers	17.98	1.5	37.0	18.38	1.5	36.9	16.15	4.3	37.6
1,000 to 2,499 workers	18.82	2.1	36.7	19.33	2.2	36.4	—	—	—
2,500 workers or more	22.31	1.2	37.4	22.32	1.2	37.3	21.41	6.4	39.8

See footnotes at end of table.

TABLE 4-1. Summary, metropolitan and nonmetropolitan areas:¹ Mean hourly earnings² and weekly hours by selected characteristics, National Compensation Survey,³ January 2001—Continued

Worker and establishment characteristics and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Geographic areas:⁹									
New England	\$17.54	1.7	35.4	\$17.69	1.6	35.4	\$15.57	6.9	34.7
Middle Atlantic	18.72	3.2	34.7	18.77	3.3	34.6	16.63	6.5	36.0
East North Central	16.08	2.5	35.8	16.12	2.7	35.8	15.68	3.1	36.5
West North Central	14.99	3.5	35.4	15.46	4.0	35.0	12.93	4.0	36.9
South Atlantic	15.24	2.6	36.5	15.46	2.8	36.4	13.34	4.8	37.5
East South Central	—	—	—	—	—	—	—	—	—
West South Central	15.07	3.5	36.9	15.12	3.8	36.9	14.45	3.1	36.8
Mountain	14.70	3.6	35.7	14.41	3.9	35.6	17.56	3.4	36.9
Pacific	17.64	1.7	35.6	17.63	1.7	35.5	—	—	—

¹ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

² 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.

³ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁵ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers

are based solely on hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

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

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

⁸ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

⁹ Data are presented for eight census divisions. Average hourly earnings and mean weekly hours previously published for the East South Central census division did not meet publishability standards. See appendix E for a list of survey areas and States comprising the nine census divisions.

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

TABLE 4-2. United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.23	1.0	35.8	\$16.37	1.1	35.7	-	-	-
All, excluding sales	16.48	1.1	36.2	16.65	1.1	36.1	-	-	-
White collar	19.86	1.4	36.0	19.96	1.4	36.0	-	-	-
White collar, excluding sales	21.19	1.4	36.8	21.36	1.4	36.8	-	-	-
Professional specialty and technical	26.18	2.0	35.9	26.58	2.2	35.8	\$22.23	1.8	36.5
Professional specialty	28.21	2.4	35.8	28.59	2.6	35.7	24.47	1.9	36.4
Engineers, architects, and surveyors	31.20	2.8	40.6	31.30	2.9	40.6	28.42	4.9	40.1
Architects	24.10	6.7	39.6	24.08	6.7	39.6	-	-	-
Aerospace engineers	33.29	5.9	40.1	33.29	5.9	40.1	-	-	-
Metallurgical and materials engineers	30.74	4.8	39.9	30.74	4.8	39.9	-	-	-
Petroleum engineers	37.97	6.2	40.0	38.25	8.8	40.0	-	-	-
Chemical engineers	35.00	3.5	40.2	35.00	3.5	40.2	-	-	-
Nuclear engineers	35.23	2.0	40.0	35.23	2.1	40.0	-	-	-
Civil engineers	28.60	3.2	40.2	28.71	3.3	40.2	26.95	5.0	40.0
Electrical and electronic engineers	34.56	4.9	41.0	34.77	4.9	41.1	-	-	-
Industrial engineers	27.54	3.1	40.6	27.40	3.2	40.6	-	-	-
Mechanical engineers	26.39	3.9	42.1	26.40	4.0	42.1	-	-	-
Engineers, n.e.c.	34.89	5.3	40.3	35.15	5.4	40.3	27.51	7.7	40.0
Surveyors and mapping scientists	31.54	5.1	39.9	31.82	5.2	39.9	-	-	-
Mathematical and computer scientists	30.38	2.8	39.7	30.43	2.8	39.7	26.65	4.6	39.7
Computer systems analysts and scientists	30.33	2.8	39.6	30.38	2.8	39.6	26.41	6.2	39.6
Operations and systems researchers and analysts	30.46	10.2	40.1	30.46	10.2	40.1	-	-	-
Actuaries	35.88	6.9	38.3	35.88	6.9	38.3	-	-	-
Statisticians	26.61	6.1	39.4	25.78	14.0	38.8	-	-	-
Natural scientists	28.09	5.1	39.6	28.47	5.1	39.5	20.75	8.1	40.0
Physicists and astronomers	39.07	7.9	40.0	39.07	7.9	40.0	-	-	-
Chemists, except biochemists	31.92	5.0	39.8	31.92	5.0	39.8	-	-	-
Atmospheric and space scientists	26.55	16.1	40.8	26.55	16.1	40.8	-	-	-
Geologists and geodesists	29.89	8.7	40.1	30.31	9.1	40.0	-	-	-
Physical scientists, n.e.c.	31.08	8.5	39.9	31.46	8.2	39.9	-	-	-
Agricultural and food scientists	22.47	9.6	39.7	22.50	10.6	39.7	-	-	-
Biological and life scientists	23.69	9.1	39.3	23.75	9.3	39.3	-	-	-
Forestry and conservation scientists	19.40	9.0	40.2	20.22	9.1	40.7	18.61	15.3	39.8
Medical scientists	25.18	6.3	38.7	25.47	6.4	38.7	-	-	-
Health related	28.14	8.9	34.1	28.77	9.7	33.9	22.66	5.2	35.7
Physicians	60.14	22.3	38.0	60.03	22.9	38.0	64.54	6.7	38.9
Dentists	38.43	9.6	29.6	38.43	9.6	29.6	-	-	-
Optometrists	41.38	8.3	36.3	35.67	2.1	33.5	-	-	-
Registered nurses	22.68	1.1	33.3	22.97	1.3	33.1	20.70	5.4	35.2
Pharmacists	32.81	2.3	31.8	33.01	2.4	31.5	-	-	-
Dietitians	19.42	2.7	36.5	19.42	2.7	36.5	-	-	-
Respiratory therapists	19.10	1.8	34.6	19.32	1.8	34.1	-	-	-
Occupational therapists	23.19	6.2	32.9	23.03	6.7	32.3	-	-	-
Physical therapists	23.79	5.4	36.2	23.78	5.5	36.1	-	-	-
Speech therapists	27.51	3.3	35.9	26.94	3.3	35.9	30.68	7.6	36.2
Therapists, n.e.c.	20.09	7.8	36.1	20.51	8.6	36.1	17.02	6.1	36.2
Physicians' assistants	32.90	6.6	38.9	-	-	-	-	-	-
Teachers, college and university	37.98	2.7	33.1	38.89	3.0	32.6	31.30	4.2	37.9
Earth, environmental, and marine science teachers	40.93	12.3	33.4	40.93	12.3	33.4	-	-	-
Biological science teachers	38.75	9.9	33.3	38.79	10.6	32.9	-	-	-
Chemistry teachers	36.74	9.7	40.2	39.33	10.6	37.7	-	-	-
Physics teachers	44.88	10.7	37.6	48.52	8.8	37.0	-	-	-
Natural science teachers, n.e.c.	36.49	9.6	35.3	36.60	10.2	35.0	-	-	-
Psychology teachers	37.39	11.6	32.5	37.39	11.6	32.5	-	-	-
Economics teachers	57.51	15.3	43.2	67.71	5.1	39.2	-	-	-
History teachers	39.76	9.6	35.7	39.76	9.6	35.7	-	-	-
Political science teachers	32.20	9.6	38.5	33.40	10.2	38.3	-	-	-
Sociology teachers	38.89	16.6	37.0	39.00	18.6	37.7	-	-	-
Social science teachers, n.e.c.	39.73	4.9	36.6	40.34	5.0	36.4	-	-	-
Engineering teachers	47.69	7.7	38.0	50.20	8.9	34.5	-	-	-
Mathematical science teachers	37.07	7.4	34.6	38.23	7.6	34.6	28.61	7.8	34.6
Computer science teachers	30.00	14.3	30.0	30.13	15.6	29.6	-	-	-
Medical science teachers	48.58	8.9	35.0	48.58	8.9	35.0	-	-	-

See footnotes at end of table.

TABLE 4-2. United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001—Continued

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Teachers, college and university—Continued									
Health specialties teachers	\$37.53	8.7	36.3	\$38.29	9.0	36.5	\$26.20	7.5	33.6
Business, commerce, and marketing teachers	39.81	9.3	35.5	39.75	9.9	35.8	—	—	—
Agriculture and forestry teachers	42.89	25.7	36.2	—	—	—	46.57	25.9	35.3
Art, drama, and music teachers	31.00	6.5	32.8	30.34	6.9	32.9	35.47	15.0	32.0
Physical education teachers	36.51	6.8	28.9	36.64	7.6	28.6	—	—	—
Education teachers	39.62	6.2	34.3	40.62	6.1	34.2	31.34	10.2	34.5
English teachers	39.31	9.9	32.8	39.96	10.4	34.4	31.67	8.4	26.9
Foreign language teachers	27.02	22.0	32.1	34.48	13.7	27.7	—	—	—
Law teachers	50.43	10.5	36.3	50.43	10.5	36.3	—	—	—
Theology teachers	37.92	3.5	38.2	38.94	2.6	38.1	—	—	—
Trade and industrial teachers	—	—	—	—	—	—	31.13	4.2	38.0
Other post-secondary teachers	37.19	5.4	32.9	38.20	5.6	32.6	28.10	6.1	36.0
Teachers, except college and university	28.01	1.4	34.6	28.64	1.6	34.3	25.17	2.2	36.0
Prekindergarten and kindergarten	17.09	7.3	35.6	16.33	7.5	35.6	25.93	3.4	36.7
Elementary school teachers	29.50	1.2	35.9	30.54	1.3	35.5	25.21	2.3	37.6
Secondary school teachers	30.22	1.4	36.8	31.67	1.6	36.5	25.50	2.3	37.7
Teachers, special education	30.35	3.7	34.7	31.00	4.1	34.4	26.26	4.1	36.8
Teachers, n.e.c.	26.67	5.5	31.0	26.76	6.1	30.6	26.00	11.4	33.5
Substitute teachers	11.83	5.3	15.9	12.51	5.5	17.4	7.92	7.2	10.7
Vocational and educational counselors	26.73	4.9	36.8	27.34	5.3	36.6	24.32	10.3	37.7
Librarians, archivists, and curators	23.10	4.0	37.1	23.49	4.4	37.2	19.84	9.9	37.0
Librarians	23.55	3.9	37.0	23.99	4.2	37.0	20.29	9.6	37.1
Archivists and curators	20.34	6.5	37.8	20.70	6.9	37.9	—	—	—
Social scientists and urban planners	27.12	3.7	36.5	27.20	3.8	36.4	25.07	5.7	39.5
Economists	29.63	5.2	39.7	29.77	5.2	39.7	—	—	—
Psychologists	27.33	4.4	35.7	27.39	4.5	35.6	25.69	2.2	39.3
Social scientists, n.e.c.	22.69	23.7	34.6	20.49	23.6	34.0	—	—	—
Urban planners	24.25	4.4	36.3	24.84	4.0	36.0	—	—	—
Social, recreation, and religious workers	15.36	7.3	35.3	15.31	7.8	35.1	16.02	3.0	38.2
Social workers	15.29	7.7	35.3	15.23	8.2	35.1	16.17	3.0	38.9
Recreation workers	15.23	4.4	33.1	15.38	4.7	33.3	—	—	—
Clergy	18.35	11.9	43.5	18.35	11.9	43.5	—	—	—
Religious workers, n.e.c.	19.00	16.2	35.8	19.00	16.2	35.8	—	—	—
Lawyers and judges	38.99	6.6	38.8	38.93	6.7	39.0	41.70	18.2	31.2
Lawyers	38.77	6.5	38.8	38.87	6.7	39.0	27.92	10.5	25.8
Judges	49.24	10.2	35.6	46.09	9.4	34.3	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.31	3.4	32.6	23.50	3.4	32.5	14.31	8.1	36.7
Technical writers	19.60	10.4	38.7	19.60	10.4	38.7	—	—	—
Designers	21.08	6.9	38.7	21.08	6.9	38.7	—	—	—
Musicians and composers	29.41	22.7	13.5	29.57	22.8	13.5	—	—	—
Actors and directors	28.60	20.8	19.5	28.60	20.8	19.5	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.78	18.0	39.1	22.06	18.1	39.1	—	—	—
Photographers	19.10	8.4	39.3	19.92	8.0	39.1	—	—	—
Artists, performers, and related workers, n.e.c.	17.68	15.5	29.4	17.68	15.5	29.4	—	—	—
Editors and reporters	24.11	6.6	39.2	24.15	6.7	39.2	—	—	—
Public relations specialists	24.18	6.9	37.8	24.47	7.1	37.8	—	—	—
Announcers	19.46	47.0	25.9	19.46	47.0	25.9	—	—	—
Athletes	22.44	8.7	24.0	23.23	7.4	23.3	—	—	—
Professional, n.e.c.	29.86	3.7	39.8	29.87	3.7	39.8	—	—	—
Technical	19.12	1.7	36.2	19.57	1.8	36.1	14.91	2.6	36.6
Clinical laboratory technologists and technicians	15.86	3.5	36.7	15.82	3.9	36.6	16.34	7.2	38.3
Dental hygienists	26.14	5.2	22.0	26.14	5.2	22.0	—	—	—
Health record technologists and technicians	11.54	11.7	35.6	11.49	12.6	35.4	12.04	21.6	37.5
Radiological technicians	20.32	3.5	35.2	20.45	3.5	35.1	18.23	9.8	37.5
Licensed practical nurses	14.59	1.1	34.9	15.04	1.3	34.6	13.12	2.3	36.0
Health technologists and technicians, n.e.c.	14.54	3.9	33.3	14.77	4.3	33.6	12.80	4.5	31.1
Electrical and electronic technicians	18.42	5.5	38.8	18.44	5.6	38.8	17.79	7.5	40.0

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Technical –Continued									
Industrial engineering technicians	\$19.93	6.0	40.3	\$19.93	6.0	40.3	–	–	–
Mechanical engineering technicians	22.46	4.7	40.1	22.46	4.7	40.1	–	–	–
Engineering technicians, n.e.c.	20.63	3.0	39.5	20.77	3.3	39.5	\$19.26	8.5	39.8
Drafters	19.89	2.9	39.9	20.06	3.0	39.9	17.59	2.8	39.8
Surveying and mapping technicians	16.56	7.1	39.8	16.39	7.7	39.8	–	–	–
Biological technicians	16.17	5.1	36.6	16.54	5.4	36.3	–	–	–
Chemical technicians	17.80	3.9	39.9	18.61	4.2	39.9	–	–	–
Science technicians, n.e.c.	19.79	9.1	39.6	20.30	9.9	39.0	–	–	–
Airplane pilots and navigators	101.47	9.1	21.3	101.47	9.1	21.3	–	–	–
Broadcast equipment operators	15.48	12.3	35.8	15.47	12.3	35.8	–	–	–
Computer programmers	24.31	3.3	38.8	24.40	3.3	38.8	–	–	–
Tool programmers, numerical control	17.81	5.5	40.1	17.81	5.5	40.1	–	–	–
Legal assistants	17.46	3.6	38.5	17.53	3.6	38.5	–	–	–
Technical and related, n.e.c.	19.04	3.4	37.7	19.14	3.6	37.9	17.53	8.8	35.2
Executive, administrative, and managerial									
Executives, administrators, and managers	28.80	1.9	40.0	28.95	2.0	40.1	25.99	3.4	39.7
Legislators	31.70	2.3	40.6	31.94	2.4	40.7	27.82	3.9	39.8
Legislators	12.46	22.7	13.0	13.52	25.3	15.6	9.81	44.7	9.2
Chief executives and general administrators, public administration	23.05	32.8	42.8	–	–	–	–	–	–
Administrators and officials, public administration ...	28.38	2.3	39.4	29.55	2.7	39.4	23.70	6.7	39.6
Financial managers	34.25	8.7	40.2	34.77	9.0	40.2	24.62	8.5	40.1
Personnel and labor relations managers	29.63	12.2	42.1	30.46	13.7	41.5	–	–	–
Managers, marketing, advertising, and public relations	37.48	3.4	41.0	37.61	3.5	41.0	34.73	14.0	39.9
Administrators, education and related fields	33.29	3.9	38.9	33.41	4.6	38.9	32.67	3.9	39.0
Managers, medicine and health	31.47	4.1	39.1	31.90	4.2	39.0	25.69	11.2	40.5
Managers, food servicing and lodging establishments	17.00	5.0	42.5	17.22	5.1	42.4	12.23	9.5	44.1
Managers, properties and real estate	20.26	6.8	39.5	20.31	6.9	39.5	–	–	–
Managers, service organizations, n.e.c.	27.06	7.8	38.3	27.15	8.0	38.3	23.11	8.9	39.1
Managers and administrators, n.e.c.	33.07	3.7	41.6	33.14	3.9	41.6	30.85	8.5	42.9
Management related	23.65	2.4	39.1	23.76	2.4	39.1	21.00	5.4	39.3
Accountants and auditors	22.33	3.3	38.8	22.38	3.3	38.7	19.96	10.8	39.0
Underwriters	24.02	7.4	38.6	24.24	7.8	38.6	21.13	11.1	39.3
Other financial officers	25.15	4.3	39.3	24.96	4.5	39.2	29.97	11.9	39.9
Management analysts	26.61	4.2	37.7	26.65	4.3	37.7	–	–	–
Personnel, training, and labor relations specialists ..	22.05	3.1	38.8	22.42	3.1	38.7	17.33	12.0	39.9
Purchasing agents and buyers, farm products	26.67	17.2	39.5	34.85	15.0	39.6	–	–	–
Buyers, wholesale and retail trade, except farm products	21.56	6.3	40.1	21.46	6.4	40.1	–	–	–
Purchasing agents and buyers, n.e.c.	25.17	7.5	39.9	25.80	7.7	39.9	17.89	8.2	39.7
Construction inspectors	21.95	3.4	39.3	22.16	3.4	39.2	–	–	–
Inspectors and compliance officers, except construction	21.54	3.2	38.9	21.65	3.3	39.2	18.00	5.3	32.5
Management related, n.e.c.	24.92	6.2	39.4	24.99	6.4	39.4	22.61	6.3	39.3
Sales									
Supervisors, sales	13.74	2.5	32.7	13.81	2.6	32.7	11.24	5.3	32.7
Supervisors, sales	16.57	3.8	40.8	16.55	3.9	40.8	17.49	12.4	40.9
Insurance sales	21.99	6.3	39.5	21.99	6.4	39.5	–	–	–
Real estate sales	19.40	9.9	35.6	19.38	10.1	35.5	–	–	–
Securities and financial services sales	31.70	9.7	40.0	31.73	9.7	40.0	–	–	–
Advertising and related sales	21.58	7.7	38.5	21.58	7.7	38.5	–	–	–
Sales, other business services	19.98	7.8	37.1	20.32	8.0	37.1	–	–	–
Sales engineers	34.85	7.0	40.7	34.85	7.0	40.7	–	–	–
Sales representatives, mining, manufacturing, and wholesale	24.60	5.0	40.4	24.79	5.1	40.4	–	–	–
Sales workers, motor vehicles and boats	18.58	6.0	45.7	18.62	6.1	45.7	–	–	–
Sales workers, apparel	10.06	18.1	25.2	10.06	18.1	25.2	–	–	–
Sales workers, shoes	7.60	5.3	24.4	7.60	5.3	24.4	–	–	–

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Sales –Continued									
Sales workers, furniture and home furnishings	\$12.39	12.3	30.3	\$12.39	12.3	30.3	–	–	–
Sales workers, hardware and building supplies	13.01	5.9	38.6	13.23	6.0	38.6	–	–	–
Sales workers, parts	12.94	6.0	38.5	12.92	6.1	38.4	–	–	–
Sales workers, other commodities	10.95	6.8	30.1	10.94	6.9	30.0	\$11.42	10.3	37.3
Sales counter clerks	7.31	3.3	30.0	7.30	3.3	30.1	8.99	11.3	20.6
Cashiers	7.65	1.3	27.6	7.64	1.3	27.6	7.67	2.4	27.2
Street and door-to-door sales workers	14.80	34.1	26.0	14.80	34.1	26.0	–	–	–
News vendors	10.46	9.3	27.4	10.46	9.3	27.4	–	–	–
Demonstrators, promoters, and models, sales	29.81	30.1	27.0	29.83	30.1	27.1	–	–	–
Sales support, n.e.c.	12.40	5.4	34.2	12.41	5.6	34.0	–	–	–
Administrative support, including clerical	12.80	1.2	36.4	12.88	1.2	36.3	11.64	2.7	37.4
Supervisors, general office	17.11	3.1	39.3	17.11	3.2	39.3	16.89	4.9	39.4
Supervisors, computer equipment operators	24.51	5.1	39.7	24.69	6.7	39.6	–	–	–
Supervisors, financial records processing	18.80	3.3	39.4	18.83	3.4	39.5	17.64	4.4	36.2
Chief communications operators	19.20	6.5	40.0	19.46	6.5	40.0	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	18.45	3.4	40.4	18.35	3.5	40.4	–	–	–
Computer operators	15.10	3.1	38.9	15.13	3.3	38.9	–	–	–
Peripheral equipment operators	11.91	5.8	38.7	11.60	5.8	39.1	–	–	–
Secretaries	14.60	3.5	37.7	14.76	3.6	37.6	12.71	3.1	38.1
Stenographers	15.17	6.1	35.5	15.42	6.6	35.4	11.22	4.0	37.5
Typists	12.95	1.9	36.7	13.03	2.0	36.6	11.78	4.7	38.5
Interviewers	10.16	4.0	28.0	10.29	4.6	27.3	9.27	4.4	35.0
Hotel clerks	8.76	3.7	36.3	8.78	3.8	36.8	–	–	–
Transportation ticket and reservation agents	13.64	4.3	36.3	14.07	3.3	36.4	–	–	–
Receptionists	10.25	2.3	33.6	10.32	2.4	33.5	8.67	2.4	36.6
Information clerks, n.e.c.	12.24	4.3	35.6	12.20	4.4	35.5	14.06	2.6	39.7
Classified ad clerks	12.36	9.8	38.1	11.97	15.0	37.1	–	–	–
Correspondence clerks	12.24	3.3	35.7	12.24	3.3	35.7	–	–	–
Order clerks	13.13	2.2	37.1	13.14	2.3	37.1	12.76	15.5	40.0
Personnel clerks, except payroll and timekeeping ...	14.61	2.7	39.0	14.72	2.9	38.9	–	–	–
Library clerks	11.18	2.6	29.5	11.67	2.7	28.4	9.59	4.6	33.5
File clerks	9.17	3.3	35.6	9.23	3.5	35.9	7.94	4.8	30.0
Records clerks, n.e.c.	12.53	2.2	37.7	12.73	2.3	37.6	10.88	7.7	38.6
Bookkeepers, accounting and auditing clerks	11.94	5.0	37.5	11.96	5.3	37.5	11.73	5.1	38.2
Payroll and timekeeping clerks	14.37	2.9	34.9	14.29	3.0	34.7	15.63	11.1	39.5
Billing clerks	10.89	4.1	38.1	10.87	4.1	38.1	12.04	13.0	40.0
Cost and rate clerks	16.38	16.6	40.1	16.48	16.7	40.1	–	–	–
Billing, posting, and calculating machine operators	10.42	4.7	31.8	10.47	4.9	31.7	–	–	–
Duplicating machine operators	11.05	6.1	38.8	11.05	6.1	38.8	–	–	–
Mail preparing and paper handling machine operators	10.67	7.6	34.5	10.67	7.6	34.5	–	–	–
Office machine operators, n.e.c.	8.84	4.9	38.5	8.87	5.0	39.3	–	–	–
Telephone operators	12.29	3.7	35.2	12.41	3.8	35.7	–	–	–
Communications equipment operators, n.e.c.	9.28	12.0	29.2	8.99	12.1	29.3	–	–	–
Mail clerks, except postal service	9.96	6.1	35.8	10.02	6.3	35.8	–	–	–
Messengers	9.65	5.6	30.7	9.68	5.8	30.6	–	–	–
Dispatchers	13.50	4.0	38.9	13.84	4.3	38.8	11.58	8.8	39.7
Production coordinators	17.13	2.8	38.8	17.25	2.7	38.8	–	–	–
Traffic, shipping and receiving clerks	12.27	3.6	38.0	12.08	3.3	37.9	14.93	17.7	40.0
Stock and inventory clerks	11.92	2.4	35.6	11.94	2.6	35.3	11.61	8.5	39.8
Meter readers	15.04	4.0	39.0	15.11	4.1	39.0	–	–	–
Weighers, measurers, checkers, and samplers	13.66	7.6	36.7	13.79	7.8	37.8	–	–	–
Expeditors	13.88	4.5	37.0	13.88	4.5	37.0	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	15.20	10.4	38.0	14.37	11.3	38.0	–	–	–
Insurance adjusters, examiners, and investigators ..	17.57	4.1	38.2	17.64	4.1	38.2	–	–	–
Investigators and adjusters, except insurance	13.46	2.3	38.8	13.52	2.2	38.8	–	–	–
Eligibility clerks, social welfare	15.05	4.4	39.1	15.15	4.5	39.1	13.84	4.3	38.5
Bill and account collectors	12.36	4.5	38.0	12.34	4.6	38.0	–	–	–

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Administrative support, including clerical –Continued									
General office clerks	\$11.81	1.3	35.4	\$11.85	1.4	35.2	\$11.16	2.6	38.3
Bank tellers	9.69	2.2	33.9	9.72	2.2	33.8	8.50	1.7	34.5
Proofreaders	15.58	15.2	38.8	16.27	13.7	38.8	–	–	–
Data entry keyers	11.24	2.2	36.0	11.25	2.3	35.9	11.00	3.0	38.7
Statistical clerks	12.28	5.5	38.4	12.13	5.1	38.2	–	–	–
Teachers' aides	10.44	2.0	30.8	10.82	2.3	29.5	9.30	3.5	35.2
Administrative support, n.e.c.	12.52	1.9	35.7	12.68	2.0	35.6	10.15	5.2	37.1
Blue collar	13.73	1.1	38.1	13.83	1.2	38.1	12.80	4.2	38.6
Precision production, craft, and repair									
Supervisors, mechanics and repairers	17.19	14.3	40.4	17.09	14.5	40.3	20.84	13.2	42.1
Automobile mechanics	16.48	3.9	40.3	16.57	4.1	40.3	13.32	9.4	40.0
Automobile mechanic apprentices	11.35	8.1	35.9	11.35	8.1	35.9	–	–	–
Bus, truck, and stationary engine mechanics	14.65	6.0	39.7	14.68	6.3	39.6	13.94	5.3	41.4
Aircraft engine mechanics	22.04	3.7	40.0	22.04	3.7	40.0	–	–	–
Small engine repairers	13.12	4.6	39.7	13.12	4.6	39.7	–	–	–
Automobile body and related repairers	19.15	10.0	40.4	19.13	10.3	40.2	–	–	–
Aircraft mechanics, except engine	20.64	5.7	40.0	20.64	5.7	40.0	–	–	–
Heavy equipment mechanics	18.20	4.7	39.9	18.53	4.9	40.0	17.14	13.0	39.6
Farm equipment mechanics	13.08	4.7	40.6	13.08	4.7	40.6	–	–	–
Industrial machinery repairers	18.36	2.3	39.8	18.69	2.1	39.8	17.68	5.2	39.8
Machinery maintenance	14.04	5.2	38.3	14.26	6.0	37.7	13.49	11.5	39.8
Electronic repairers, communications and industrial equipment	19.78	2.9	37.6	19.81	2.9	37.5	16.64	11.4	40.0
Data processing equipment repairers	17.58	9.2	38.6	17.59	9.4	38.6	–	–	–
Household appliance and power tool repairers	13.61	7.5	39.2	13.60	7.5	39.2	–	–	–
Telephone line installers and repairers	21.52	2.8	39.9	21.70	2.8	39.9	18.30	10.5	40.0
Telephone installers and repairers	19.33	3.1	40.0	19.31	3.2	40.0	20.62	5.0	40.0
Heating, air conditioning, and refrigeration mechanics	15.83	3.1	39.9	15.87	3.2	39.9	–	–	–
Locksmiths and safe repairers	18.04	5.9	40.0	18.04	5.9	40.0	–	–	–
Office machine repairers	14.60	11.9	40.0	14.60	11.9	40.0	–	–	–
Mechanical controls and valve repairers	20.60	4.4	39.5	20.46	4.6	39.4	–	–	–
Elevator installers and repairers	25.80	6.8	40.0	25.80	6.8	40.0	–	–	–
Millwrights	21.03	6.1	40.0	20.07	6.8	40.0	–	–	–
Mechanics and repairers, n.e.c.	15.94	2.3	39.5	15.95	2.4	39.4	15.79	7.8	40.0
Supervisors, brickmasons, stonemasons, and tilesetters	19.04	13.8	40.0	19.04	13.8	40.0	–	–	–
Supervisors, carpenters and related workers	24.07	7.3	40.1	24.07	7.3	40.1	–	–	–
Supervisors, electricians and power transmission installers	25.68	4.1	40.2	25.96	4.1	40.2	–	–	–
Supervisors, painters, paperhangers, and plasterers	19.04	3.3	40.2	19.04	3.3	40.2	–	–	–
Supervisors, plumbers, pipefitters, and steamfitters	25.74	5.9	40.0	25.75	6.2	40.0	–	–	–
Supervisors, construction trades, n.e.c.	20.77	4.2	40.1	20.78	4.6	40.0	20.63	5.2	41.0
Brickmasons and stonemasons	20.71	9.1	39.1	21.31	8.5	39.1	–	–	–
Brickmason and stonemason apprentices	10.09	8.2	40.0	10.09	8.2	40.0	–	–	–
Tile setters, hard and soft	25.42	4.6	34.2	25.42	4.6	34.2	–	–	–
Carpet installers	19.15	10.9	39.5	19.15	10.9	39.5	–	–	–
Carpenters	17.38	3.4	39.8	17.41	3.5	39.8	16.70	12.9	40.0
Carpenter apprentices	15.03	7.7	40.0	15.03	7.7	40.0	–	–	–
Drywall installers	20.86	14.1	38.9	20.86	14.1	38.9	–	–	–
Electricians	20.32	4.4	39.8	20.45	4.6	39.8	18.45	4.5	40.0
Electrician apprentices	13.98	5.8	40.0	13.96	5.9	40.0	–	–	–
Electrical power installers and repairers	23.53	2.8	40.0	24.02	2.7	40.0	19.11	8.7	40.0
Painters, construction and maintenance	13.91	4.9	39.5	13.88	5.0	39.5	–	–	–
Plumbers, pipefitters and steamfitters	21.09	4.7	39.5	21.20	4.8	39.5	16.44	12.1	40.0
Plumber, pipefitter, and steamfitter apprentices	17.55	14.0	39.9	17.55	14.0	39.9	–	–	–
Concrete and terrazzo finishers	16.15	11.1	37.8	16.34	11.8	37.7	–	–	–
Glaziers	14.76	7.0	38.4	14.76	7.0	38.4	–	–	–

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair –Continued									
Insulation workers	\$13.58	7.7	38.0	\$13.58	7.7	38.0	–	–	–
Paving, surfacing, and tamping equipment operators	11.95	11.7	40.0	11.74	19.0	40.0	\$12.26	5.6	40.0
Roofers	14.22	10.6	39.0	14.27	10.8	38.9	–	–	–
Sheetmetal duct installers	21.62	9.1	40.0	21.62	9.1	40.0	–	–	–
Structural metal workers	16.19	5.1	38.8	16.19	5.1	38.8	–	–	–
Construction trades, n.e.c.	15.12	4.8	39.6	15.59	5.4	39.7	12.90	6.9	39.2
Supervisors, extractive	23.55	16.9	41.2	24.88	17.0	41.4	–	–	–
Drillers, oil well	15.98	31.2	40.0	15.98	31.2	40.0	–	–	–
Mining machine operators	17.23	14.1	40.0	17.15	15.9	40.0	–	–	–
Mining, n.e.c.	22.71	3.4	39.2	22.99	3.0	39.2	–	–	–
Supervisors, production	19.96	2.7	40.4	20.46	2.4	40.4	16.53	11.9	40.1
Tool and die makers	22.00	2.8	40.2	22.14	2.8	40.2	–	–	–
Tool and die maker apprentices	16.03	11.3	39.8	16.03	11.3	39.8	–	–	–
Precision assemblers, metal	18.16	3.1	40.0	18.16	3.1	40.0	–	–	–
Machinists	16.89	3.9	39.9	16.94	4.0	39.9	–	–	–
Precision grinders, filers, and tool sharpeners	18.06	7.1	40.0	18.06	7.1	40.0	–	–	–
Patternmakers and modelmakers, metal	19.89	8.7	40.0	19.89	8.7	40.0	–	–	–
Layout workers	15.59	3.9	40.0	15.59	3.9	40.0	–	–	–
Precious stones and metals workers	12.94	17.7	40.0	–	–	–	–	–	–
Engravers, metal	14.58	28.6	39.1	14.58	28.6	39.1	–	–	–
Sheet metal workers	17.34	4.9	40.0	17.34	4.9	40.0	–	–	–
Sheet metal worker apprentices	13.01	11.6	37.0	13.01	11.6	37.0	–	–	–
Cabinet makers and bench carpenters	13.29	12.5	39.1	13.30	12.5	39.1	–	–	–
Furniture and wood finishers	12.05	4.6	40.0	11.95	5.7	40.0	–	–	–
Dressmakers	11.70	6.4	38.2	11.70	6.4	38.2	–	–	–
Tailors	11.79	5.7	36.9	11.79	5.7	36.9	–	–	–
Upholsterers	13.70	12.8	40.0	14.90	9.9	40.0	–	–	–
Hand molders and shapers, except jewelers	16.81	6.6	40.0	16.81	6.6	40.0	–	–	–
Patternmakers, layout workers, and cutters	13.87	9.1	40.0	13.87	9.1	40.0	–	–	–
Optical goods workers	11.58	11.1	39.3	11.58	11.1	39.3	–	–	–
Dental laboratory and medical appliance technicians	14.96	2.8	38.9	14.96	2.8	38.9	–	–	–
Bookbinders	12.59	5.0	39.8	12.78	5.4	39.7	–	–	–
Electrical and electronic equipment assemblers	11.45	3.4	39.8	11.47	3.5	39.8	–	–	–
Miscellaneous precision workers, n.e.c.	14.37	8.3	39.7	14.63	10.1	39.7	–	–	–
Precision food production	16.40	25.4	36.4	16.40	25.4	36.4	–	–	–
Butchers and meat cutters	10.92	4.5	37.4	11.21	5.2	36.5	10.13	8.0	40.0
Bakers	10.14	8.9	32.9	10.14	8.9	32.9	–	–	–
Food batchmakers	10.84	5.6	38.5	10.92	7.8	38.0	–	–	–
Inspectors, testers, and graders	17.35	4.7	40.3	17.33	4.7	40.3	–	–	–
Precision inspectors, testers, and related workers, n.e.c.	20.62	5.4	40.0	20.62	5.4	40.0	–	–	–
Adjusters and calibrators	19.18	20.7	39.7	19.18	20.7	39.7	–	–	–
Water and sewer treatment plant operators	16.43	3.9	39.9	16.49	4.1	39.9	15.94	15.3	40.0
Power plant operators	24.07	3.4	39.8	24.08	3.5	39.9	–	–	–
Stationary engineers	19.75	3.4	39.8	19.52	3.4	39.9	–	–	–
Miscellaneous plant and system operators, n.e.c.	21.18	9.0	39.1	21.21	9.1	39.1	–	–	–
Machine operators, assemblers, and inspectors	12.29	1.8	39.2	12.30	1.9	39.1	12.22	5.1	39.7
Lathe and turning machine set-up operators	14.79	3.7	40.0	15.39	3.1	40.0	–	–	–
Lathe and turning machine operators	14.89	4.9	39.9	14.97	5.7	39.9	–	–	–
Milling and planing machine operators	13.75	8.0	39.7	13.75	8.0	39.7	–	–	–
Punching and stamping press operators	12.37	7.9	38.4	12.28	7.7	38.2	–	–	–
Rolling machine operators	15.48	11.2	40.0	16.53	13.2	40.0	–	–	–
Drilling and boring machine operators	12.33	13.3	40.0	12.33	13.3	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	12.69	3.4	39.3	12.53	3.8	39.2	13.28	6.1	40.0
Forging machine operators	14.09	4.9	39.8	14.09	4.9	39.8	–	–	–
Numerical control machine operators	14.79	3.0	40.0	15.05	3.2	40.0	–	–	–
Fabricating machine operators, n.e.c.	13.91	3.8	39.0	14.11	4.2	38.9	12.59	6.3	40.0

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001—Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Molding and casting machine operators	\$11.49	4.2	39.8	\$11.49	4.9	39.7	\$11.47	6.1	40.0
Metal plating machine operators	13.52	3.7	39.5	13.52	3.7	39.5	—	—	—
Heat treating equipment operators	14.94	7.1	39.9	15.58	7.8	39.9	—	—	—
Wood lathe, routing, and planing machine operators	9.44	12.0	39.5	9.44	12.0	39.5	—	—	—
Sawing machine operators	11.03	7.0	39.7	11.18	7.4	39.6	—	—	—
Shaping and jointing machine operators	11.16	4.8	40.0	11.16	4.8	40.0	—	—	—
Printing press operators	14.32	3.8	39.3	14.44	4.0	39.2	—	—	—
Photoengravers and lithographers	17.22	8.0	38.9	17.32	8.4	38.8	—	—	—
Typesetters and compositors	14.02	7.5	34.2	14.06	7.6	34.6	—	—	—
Winding and twisting machine operators	12.77	7.0	39.9	10.55	3.7	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	12.00	3.1	40.0	11.30	3.6	39.9	—	—	—
Textile cutting machine operators	9.13	7.4	40.0	9.65	8.6	40.0	—	—	—
Textile sewing machine operators	7.94	5.2	39.3	7.94	5.7	39.3	—	—	—
Shoe machine operators	10.05	11.2	40.0	10.05	11.2	40.0	—	—	—
Pressing machine operators	8.47	4.7	38.5	8.22	4.9	38.3	—	—	—
Laundering and dry cleaning machine operators	7.84	4.6	37.8	7.85	5.0	38.3	7.74	5.0	33.0
Cementing and gluing machine operators	10.54	8.2	40.0	11.48	6.0	40.0	—	—	—
Packaging and filling machine operators	12.32	4.1	39.4	12.02	3.4	39.3	13.62	11.6	40.0
Extruding and forming machine operators	12.42	4.9	39.6	13.14	5.0	39.4	—	—	—
Mixing and blending machine operators	14.29	5.1	39.7	14.32	5.2	39.7	—	—	—
Separating, filtering, and clarifying machine operators	17.02	4.3	39.8	16.99	4.8	39.7	—	—	—
Compressing and compacting machine operators	11.13	3.0	35.2	11.08	3.1	34.9	—	—	—
Painting and paint spraying machine operators	14.33	12.8	40.0	14.40	13.7	40.0	—	—	—
Roasting and baking machine operators, food	9.95	4.0	38.9	9.95	4.0	38.9	—	—	—
Washing, cleaning, and pickling machine operators	9.51	6.5	30.8	9.51	6.5	30.8	—	—	—
Folding machine operators	12.55	6.2	39.7	12.55	6.2	39.7	—	—	—
Furnace, kiln, and oven operators, except food	14.18	5.2	40.0	14.28	5.3	40.0	—	—	—
Crushing and grinding machine operators	12.91	7.3	40.0	12.81	7.6	40.0	—	—	—
Slicing and cutting machine operators	13.26	4.6	39.9	12.87	2.8	39.9	—	—	—
Photographic process machine operators	11.21	5.1	31.5	11.25	5.1	31.5	—	—	—
Miscellaneous machine operators, n.e.c.	12.28	4.0	39.4	12.12	4.2	39.4	13.02	8.5	39.4
Welders and cutters	15.01	2.8	39.8	14.88	2.8	39.8	16.71	12.3	40.0
Solders and braziers	10.30	10.0	40.0	11.67	7.0	40.0	—	—	—
Assemblers	12.19	4.6	39.1	12.48	4.8	39.0	9.63	5.1	40.0
Hand cutting and trimming	8.40	7.8	40.0	8.40	7.8	40.0	—	—	—
Hand molding, casting, and forming	11.99	3.6	39.8	12.19	4.4	39.7	—	—	—
Hand painting, coating, and decorating	10.38	6.7	40.0	10.38	6.7	40.0	—	—	—
Hand engraving and printing	12.25	4.3	35.5	12.25	4.3	35.5	—	—	—
Miscellaneous hand working, n.e.c.	11.32	4.6	39.1	11.10	4.8	38.9	12.19	10.8	39.7
Production inspectors, checkers and examiners	12.63	4.5	39.6	12.33	4.0	39.5	14.50	14.9	40.0
Production testers	12.70	4.0	39.9	13.06	3.6	39.9	—	—	—
Production samplers and weighers	14.38	8.2	39.8	14.38	8.2	39.8	—	—	—
Graders and sorters, except agricultural	10.10	6.3	39.9	10.13	7.9	39.9	—	—	—
Hand inspectors, n.e.c.	10.14	8.8	40.1	10.14	8.8	40.1	—	—	—
Transportation and material moving	13.53	1.6	37.2	13.49	1.6	37.2	14.03	8.4	36.3
Supervisors, motor vehicle operators	18.02	4.7	42.5	18.50	4.2	42.8	—	—	—
Truck drivers	13.11	2.2	39.7	13.11	2.3	39.6	13.13	6.4	41.4
Driver-sales workers	13.24	5.9	34.6	13.23	5.9	34.6	—	—	—
Bus drivers	13.27	2.3	28.8	13.35	2.4	29.8	12.41	6.9	21.2
Taxicab drivers and chauffeurs	8.67	4.0	26.4	8.74	4.0	26.3	—	—	—
Parking lot attendants	7.86	7.8	32.1	7.81	8.1	32.2	—	—	—
Motor transportation, n.e.c.	7.95	7.4	30.1	7.97	7.7	30.5	—	—	—
Railroad conductors and yardmasters	26.94	4.6	41.2	26.83	5.4	41.4	—	—	—
Locomotive operating	25.57	8.7	40.2	25.07	9.3	40.2	—	—	—
Railroad brake, signal and switch operators	22.49	12.0	40.0	25.81	6.8	40.0	—	—	—
Rail vehicle operators, n.e.c.	19.77	2.2	40.0	19.87	2.2	40.0	—	—	—

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Transportation and material moving –Continued									
Ship captains and mates, except fishing boats	\$19.95	5.3	44.0	\$20.43	7.0	43.6	–	–	–
Bridge, lock and lighthouse tenders	12.28	3.0	40.0	–	–	–	–	–	–
Supervisors, material moving equipment	18.05	4.0	40.5	18.06	4.1	40.6	–	–	–
Operating engineers	18.63	5.8	39.9	19.96	4.0	40.0	\$12.41	12.0	39.3
Longshore equipment operators	28.75	5.7	39.0	28.75	5.7	39.0	–	–	–
Crane and tower operators	17.39	5.7	39.8	17.81	6.1	39.7	–	–	–
Excavating and loading machine operators	15.28	3.9	40.0	15.45	3.9	40.0	12.05	12.5	39.6
Grader, dozer, and scraper operators	15.43	5.9	40.0	16.08	5.3	40.0	14.47	13.8	40.0
Industrial truck and tractor equipment operators	13.61	4.3	39.6	13.22	2.7	39.5	15.67	15.7	40.0
Miscellaneous material moving equipment operators, n.e.c.	15.08	5.0	38.2	15.20	5.2	38.1	12.89	7.7	39.7
Handlers, equipment cleaners, helpers, and laborers ...									
Nursery workers	7.55	2.6	37.1	7.57	2.6	37.1	–	–	–
Supervisors, agriculture-related workers	17.72	6.6	38.8	17.66	6.8	38.8	–	–	–
Groundskeepers and gardeners, except farm	10.04	6.3	35.8	10.00	6.9	35.4	10.34	5.8	39.6
Animal caretakers, except farm	10.92	12.0	33.2	10.94	12.0	33.3	–	–	–
Inspectors, agricultural products	8.74	10.9	34.6	9.47	9.4	32.3	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.41	6.4	38.8	17.60	6.8	38.7	15.81	11.4	40.0
Helpers, mechanics and repairers	10.69	3.9	38.6	10.69	4.1	38.5	10.66	6.4	39.5
Helpers, construction trades	10.65	3.3	39.3	10.66	3.3	39.3	10.27	7.0	40.0
Helpers, extractive	9.42	12.1	38.3	8.69	10.6	38.0	–	–	–
Construction laborers	12.35	4.7	39.3	12.48	4.8	39.3	8.93	7.0	38.3
Production helpers	10.27	2.4	38.9	10.24	2.1	38.8	10.44	8.8	39.6
Garbage collectors	13.72	7.7	39.7	13.87	7.7	39.7	–	–	–
Stock handlers and baggers	9.18	2.2	30.0	9.14	2.2	29.9	9.49	7.3	31.0
Machine feeders and offbearers	8.71	9.2	39.0	8.68	9.9	38.9	9.11	12.8	40.0
Freight, stock, and material handlers, n.e.c.	11.50	3.3	34.2	11.69	3.0	33.7	9.88	13.9	38.3
Garage and service station related	9.44	6.1	35.3	9.44	6.1	35.3	–	–	–
Vehicle washers and equipment cleaners	8.94	3.8	37.5	8.95	3.9	37.4	–	–	–
Hand packers and packagers	9.70	4.8	37.9	9.86	4.8	37.7	8.14	4.9	39.4
Laborers, except construction, n.e.c.	9.97	1.9	36.5	9.92	2.0	36.3	10.29	6.5	38.1
Service									
Protective service	15.99	1.8	37.6	16.20	1.9	37.3	14.48	3.8	39.5
Supervisors, firefighters and fire prevention	23.10	4.6	49.0	23.65	4.6	48.9	14.63	10.2	49.6
Supervisors, police and detectives	26.99	3.2	40.1	28.17	2.9	40.1	18.49	13.9	40.1
Supervisors, guards	17.91	6.5	38.1	17.74	6.8	38.1	–	–	–
Fire inspection and fire prevention	19.17	7.7	38.7	19.28	8.8	38.5	–	–	–
Firefighting	17.16	2.8	46.6	17.53	2.8	46.8	12.73	6.0	44.8
Police and detectives, public service	21.45	1.5	39.4	21.80	1.6	39.5	16.94	3.2	39.0
Sheriffs, bailiffs, and other law enforcement officers	17.52	2.8	38.8	18.97	2.8	38.4	13.67	3.8	39.7
Correctional institution officers	15.91	4.7	39.8	16.83	3.7	39.8	14.39	6.6	39.7
Crossing guards	9.59	4.6	17.1	9.64	4.7	17.6	–	–	–
Guards and police, except public service	9.70	3.4	34.2	9.66	3.5	34.1	10.66	7.6	36.6
Protective service, n.e.c.	11.46	6.2	26.8	11.31	6.5	26.4	14.26	17.2	34.8
Food service									
Waiters, waitresses, and bartenders	4.81	2.9	26.9	4.75	3.0	26.8	6.21	14.5	29.7
Bartenders	6.94	5.3	29.9	6.77	5.1	29.7	9.10	4.8	32.2
Waiters and waitresses	3.96	3.2	26.2	3.93	3.3	26.2	4.73	11.3	28.3
Waiters/Waitresses' assistants	5.90	2.7	26.7	5.93	2.8	26.6	5.40	8.9	30.2
Other food service	8.07	1.5	30.0	8.02	1.5	29.8	8.63	3.7	32.1
Supervisors, food preparation and service	11.73	3.8	39.6	11.70	4.1	39.7	12.32	8.7	38.0
Cooks	8.64	2.3	34.0	8.53	2.3	33.7	9.29	3.7	36.4
Kitchen workers, food preparation	7.66	2.4	29.8	7.60	2.6	29.4	8.17	2.6	33.8
Food preparation, n.e.c.	7.17	1.3	26.5	7.13	1.3	26.5	7.81	5.9	26.5
Health service									
Dental assistants	12.48	9.1	31.2	12.48	9.1	31.2	–	–	–
Health aides, except nursing	10.81	3.3	34.3	10.86	3.6	34.3	10.34	4.8	34.6

See footnotes at end of table.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ January 2001–Continued**

Occupation ⁴	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Health service –Continued									
Nursing aides, orderlies and attendants	\$9.34	1.2	33.7	\$9.55	1.2	33.7	\$8.41	2.7	33.5
Cleaning and building service	9.77	1.4	33.3	9.80	1.6	33.1	9.39	2.2	36.4
Supervisors, cleaning and building service workers	14.15	3.6	39.1	14.35	3.8	38.9	12.62	7.4	40.0
Maids and housemen	8.02	2.4	34.3	8.07	2.5	34.6	7.30	4.8	30.9
Janitors and cleaners	9.85	1.6	32.5	9.88	1.7	32.1	9.52	2.3	37.6
Pest control	10.57	11.5	40.0	10.57	11.5	40.0	–	–	–
Personal service	9.80	2.9	29.8	9.85	3.0	29.7	8.97	8.6	31.9
Hairdressers and cosmetologists	10.37	5.5	27.6	10.37	5.5	27.6	–	–	–
Attendants, amusement, and recreation facilities	6.96	2.7	27.6	6.99	2.9	27.3	6.59	8.0	32.2
Guides	10.76	11.3	30.2	10.86	11.3	31.1	–	–	–
Ushers	7.01	5.0	22.2	7.01	5.0	22.2	–	–	–
Public transportation attendants	31.35	5.0	20.7	31.45	5.0	20.7	–	–	–
Baggage porters and bellhops	6.10	4.6	36.9	6.09	4.6	36.9	–	–	–
Welfare service aides	8.15	5.0	28.2	8.16	5.3	28.1	7.95	10.3	28.6
Early childhood teachers' assistants	7.57	4.3	30.6	7.51	4.5	30.5	8.19	5.8	31.9
Child care workers, n.e.c.	8.91	2.9	29.0	8.89	2.8	28.7	9.12	14.3	33.2
Service, n.e.c.	9.84	5.5	29.0	9.88	5.7	29.0	8.95	9.4	29.5

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

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

³ This survey covers all 50 States. Collection was conducted between March 2000 and

January 2002. The average reference period was January 2001.

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

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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. Largest 10 metropolitan areas¹ ranked by employment size: Mean hourly earnings² by occupational group, National Compensation Survey, 2000-2001

Occupational group ³	(1)	(2)	(3)	(4)	(5)
	New York-Northern New Jersey-Long Island (April 2001)	Los Angeles-Riverside-Orange County (March 2001)	Chicago-Gary-Kenosha (September 2000)	Washington-Baltimore (April 2001)	San Francisco-Oakland-San Jose (April 2001)
All	\$22.09	\$19.21	\$18.71	\$19.07	\$23.36
White collar	26.96	23.63	23.95	23.11	27.45
White collar, excluding sales	27.75	24.54	23.39	24.10	28.94
Professional specialty and technical	33.05	31.31	27.95	28.61	34.49
Professional specialty	34.97	33.72	28.42	29.66	36.68
Technical	24.71	20.50	26.14	22.83	25.69
Executive, administrative, and managerial	36.39	32.31	29.23	29.93	36.48
Sales	18.24	16.51	29.18	16.62	15.35
Administrative support, including clerical	16.13	14.63	14.70	14.23	16.95
Blue collar	16.34	13.92	15.33	15.56	17.86
Precision production, craft, and repair	22.79	19.65	20.73	19.02	22.78
Machine operators, assemblers, and inspectors	11.63	10.89	12.63	13.81	15.17
Transportation and material moving	16.89	13.22	16.19	15.15	18.07
Handlers, equipment cleaners, helpers, and laborers	13.85	10.87	12.95	11.53	12.35
Service	13.97	12.88	11.54	11.19	14.97
Protective service	20.55	20.13	17.55	16.99	19.80
Food service	9.10	8.58	8.06	7.62	10.81
Health service	10.52	10.36	10.04	10.53	13.60
Cleaning and building service	13.04	8.96	10.09	9.87	12.47
Personal service	13.96	12.81	10.35	11.58	14.88
	(6)	(7)	(8)	(9)	(10)
	Boston-Worcester-Lawrence (September 2000)	Philadelphia-Wilmington-Atlantic City (December 2000)	Detroit-Ann Arbor-Flint (April 2001)	Dallas-Fort Worth (March 2001)	Houston-Galveston-Brazoria (December 2000)
All	\$19.28	\$19.53	\$20.59	\$18.45	\$18.18
White collar	23.24	23.57	25.30	23.23	22.53
White collar, excluding sales	24.08	24.59	26.26	24.18	23.55
Professional specialty and technical	28.17	29.10	30.61	27.92	28.00
Professional specialty	30.43	32.09	33.12	28.38	29.62
Technical	19.87	20.19	21.27	26.25	21.97
Executive, administrative, and managerial	29.83	31.09	35.79	30.91	32.85
Sales	15.92	15.74	18.54	16.23	16.46
Administrative support, including clerical	14.34	14.28	13.89	14.04	13.05
Blue collar	15.68	15.90	18.04	13.23	14.11
Precision production, craft, and repair	19.88	20.08	22.87	17.07	18.88
Machine operators, assemblers, and inspectors	13.07	14.04	17.31	11.50	11.59
Transportation and material moving	16.25	15.46	15.43	15.23	13.52
Handlers, equipment cleaners, helpers, and laborers	12.68	12.52	11.34	9.84	9.29
Service	11.81	11.51	11.09	10.51	9.32
Protective service	15.87	17.92	13.34	14.82	14.48
Food service	8.35	7.72	8.45	7.05	6.42
Health service	10.93	10.98	9.91	9.20	8.96
Cleaning and building service	11.28	10.68	12.53	9.06	7.21
Personal service	11.74	11.14	9.19	15.13	12.33

¹ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. The largest 10 metropolitan areas are all CMSAs.

² 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.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

TABLE 4-4. Summary, United States and nine census divisions:¹ Mean hourly earnings² and weekly hours by selected characteristics, National Compensation Survey,³ 2000-2001

Worker and establishment characteristics	United States			New England			Middle Atlantic		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$16.23	1.0	35.8	\$17.54	1.7	35.4	\$18.72	3.2	34.7
Private industry	15.46	1.2	35.7	16.88	2.4	35.4	17.88	3.9	34.5
State and local government	20.56	.8	36.7	23.06	1.6	35.5	23.42	1.7	35.4
Metropolitan areas	16.37	1.1	35.7	17.69	1.6	35.4	18.77	3.3	34.6
Nonmetropolitan areas	-	-	-	15.57	6.9	34.7	16.63	6.5	36.0
Worker characteristics:⁵									
White-collar occupations ⁶	19.86	1.4	36.0	22.92	6.6	35.7	23.24	4.4	34.6
Professional specialty and technical ...	26.18	2.0	35.9	26.17	2.7	35.8	31.12	8.5	34.2
Executive, administrative, and managerial	28.80	1.9	40.0	32.83	6.9	41.7	32.26	3.3	38.7
Sales	13.74	2.5	32.7	13.43	6.5	28.9	16.18	7.7	30.6
Administrative support	12.80	1.2	36.4	14.09	2.8	35.1	13.95	1.6	34.9
Blue-collar occupations ⁶	13.73	1.1	38.1	12.83	7.8	38.2	14.73	2.7	37.7
Precision production, craft, and repair	17.28	1.4	39.6	17.22	6.2	40.1	19.19	3.7	38.6
Machine operators, assemblers, and inspectors	12.29	1.8	39.2	11.43	4.4	39.0	12.20	4.0	39.1
Transportation and material moving ...	13.53	1.6	37.2	14.12	12.4	36.3	14.83	3.7	36.3
Handlers, equipment cleaners, helpers, and laborers	10.37	1.3	35.6	10.11	5.0	36.5	11.38	4.8	36.1
Service occupations ⁶	9.86	1.2	31.7	10.56	4.6	28.4	11.58	2.9	31.3
Full time	17.13	1.1	39.6	18.48	1.5	39.9	19.96	3.4	38.7
Part time	9.17	1.3	20.6	11.05	8.4	19.8	9.96	3.7	19.9
Union	19.50	.9	36.9	20.79	1.6	35.6	20.03	1.7	36.3
Nonunion	15.52	1.3	35.6	16.91	2.4	35.4	18.16	4.6	34.0
Time	16.00	1.0	35.7	17.53	1.5	35.4	18.63	3.3	34.6
Incentive	20.38	4.8	38.1	17.87	13.5	35.5	21.04	8.6	37.1
Establishment characteristics:									
Goods producing ⁷	16.71	1.3	39.5	17.73	2.1	40.4	18.49	4.2	39.1
Service producing ⁷	14.96	1.6	34.3	16.24	3.4	32.3	17.67	5.1	33.2
1 to 99 workers ⁸	13.80	2.1	34.8	14.51	5.7	32.6	16.45	8.0	33.5
100 to 499 workers	15.77	1.5	36.3	17.63	1.4	37.4	17.82	2.9	35.2
500 to 999 workers	17.98	1.5	37.0	21.36	4.2	36.4	20.80	4.2	35.7
1,000 to 2,499 workers	18.82	2.1	36.7	22.68	4.1	36.2	21.59	3.0	36.0
2,500 workers or more	22.31	1.2	37.4	22.75	3.0	37.0	23.99	2.4	36.2

See footnotes at end of table.

TABLE 4-4. Summary, United States and nine census divisions:¹ Mean hourly earnings² and weekly hours by selected characteristics, National Compensation Survey,³ 2000-2001—Continued

Worker and establishment characteristics	East North Central			West North Central			South Atlantic		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$16.08	2.5	35.8	\$14.99	3.5	35.4	\$15.24	2.6	36.5
Private industry	15.32	2.6	35.8	14.14	3.4	35.1	14.66	3.4	36.2
State and local government	21.53	2.2	35.9	19.49	2.9	37.0	18.12	1.6	38.1
Metropolitan areas	16.12	2.7	35.8	15.46	4.0	35.0	15.46	2.8	36.4
Nonmetropolitan areas	15.68	3.1	36.5	12.93	4.0	36.9	13.34	4.8	37.5
Worker characteristics:⁵									
White-collar occupations ⁶	19.24	3.6	35.9	17.96	4.4	35.9	18.71	3.0	36.8
Professional specialty and technical ...	25.46	1.9	35.0	22.23	2.2	36.4	25.10	3.3	36.7
Executive, administrative, and managerial	28.44	3.3	39.6	28.48	12.0	41.3	26.67	5.6	40.3
Sales	15.54	7.5	34.0	12.23	6.0	31.0	12.28	3.9	33.3
Administrative support	12.28	3.7	36.6	11.87	3.4	36.8	12.51	4.4	37.4
Blue-collar occupations ⁶	14.63	2.5	38.0	13.46	2.8	38.0	12.81	2.3	38.4
Precision production, craft, and repair	17.89	4.9	39.7	16.87	3.3	39.9	16.04	2.4	39.9
Machine operators, assemblers, and inspectors	13.58	4.0	39.5	12.90	4.8	38.8	11.91	3.9	39.7
Transportation and material moving ...	14.22	3.9	35.9	12.68	4.8	37.4	12.40	3.0	37.3
Handlers, equipment cleaners, helpers, and laborers	11.33	2.8	34.2	10.27	2.4	35.7	9.69	2.4	35.9
Service occupations ⁶	9.97	2.3	31.1	9.48	4.3	29.8	8.95	2.0	32.9
Full time	16.92	2.9	39.6	15.93	3.8	40.0	16.04	2.7	39.7
Part time	9.09	1.8	19.9	8.57	2.8	19.9	8.19	3.1	21.3
Union	19.31	1.6	37.3	17.94	1.6	37.7	17.41	4.1	37.9
Nonunion	15.14	3.1	35.4	14.41	4.2	34.9	15.00	2.9	36.3
Time	15.73	2.3	35.6	14.57	2.9	35.1	14.89	2.5	36.4
Incentive	22.67	11.5	39.3	22.27	24.3	39.8	20.37	11.2	37.4
Establishment characteristics:									
Goods producing ⁷	17.37	2.9	39.3	15.42	3.8	39.4	14.97	2.9	39.6
Service producing ⁷	14.25	3.6	34.2	13.60	4.4	33.5	14.55	4.4	35.1
1 to 99 workers ⁸	13.17	2.6	35.1	13.06	6.6	33.4	13.00	7.0	35.2
100 to 499 workers	16.08	4.4	36.1	14.87	2.5	36.0	14.78	5.5	36.8
500 to 999 workers	17.65	2.4	36.9	16.53	4.5	37.8	16.26	3.0	37.8
1,000 to 2,499 workers	19.66	3.0	35.7	15.20	7.2	37.0	17.50	2.5	37.7
2,500 workers or more	23.12	3.2	37.1	20.38	2.6	38.1	20.36	2.0	38.2

See footnotes at end of table.

TABLE 4-4. Summary, United States and nine census divisions:¹ Mean hourly earnings² and weekly hours by selected characteristics, National Compensation Survey,³ 2000-2001—Continued

Worker and establishment characteristics	West South Central			Mountain			Pacific		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$15.07	3.5	36.9	\$14.70	3.6	35.7	\$17.64	1.7	35.6
Private industry	14.57	4.2	36.6	13.78	4.1	35.5	16.52	2.3	35.5
State and local government	17.46	1.8	38.3	20.22	2.8	37.3	23.70	1.4	35.7
Metropolitan areas	15.12	3.8	36.9	14.41	3.9	35.6	17.63	1.7	35.5
Nonmetropolitan areas	14.45	3.1	36.8	17.56	3.4	36.9	—	—	—
Worker characteristics:⁵									
White-collar occupations ⁶	18.72	3.6	37.3	17.64	3.0	36.2	21.13	2.1	35.7
Professional specialty and technical ...	25.91	3.9	37.7	24.12	4.4	36.8	27.42	4.8	35.4
Executive, administrative, and managerial	26.67	2.7	40.8	24.94	2.5	40.7	29.13	2.5	39.9
Sales	12.34	7.2	33.7	13.48	6.4	34.9	13.78	4.6	32.1
Administrative support	11.91	2.7	37.9	11.74	2.6	34.9	14.20	1.3	36.2
Blue-collar occupations ⁶	12.52	2.0	38.6	13.96	4.3	37.7	14.65	2.3	37.9
Precision production, craft, and repair	15.47	2.7	39.7	17.37	2.9	39.9	18.78	3.0	39.4
Machine operators, assemblers, and inspectors	10.58	5.7	39.0	10.87	6.9	38.0	11.40	3.5	38.6
Transportation and material moving ...	12.35	3.9	39.3	14.20	9.9	35.7	14.69	3.7	37.6
Handlers, equipment cleaners, helpers, and laborers	9.11	4.9	36.0	9.82	3.0	35.0	11.04	3.5	35.4
Service occupations ⁶	8.11	3.5	33.0	8.60	2.9	32.6	11.19	2.5	32.0
Full time	15.93	3.3	39.9	15.60	4.1	39.7	18.65	1.8	39.6
Part time	7.59	4.6	22.3	8.57	2.2	21.3	10.47	2.8	20.7
Union	17.92	4.9	38.2	18.37	3.6	37.6	21.34	1.2	36.4
Nonunion	14.90	3.7	36.8	14.27	4.0	35.5	16.40	2.3	35.3
Time	14.77	3.2	36.7	14.52	3.7	35.8	17.56	1.8	35.5
Incentive	19.99	10.7	39.7	19.52	9.7	34.9	19.84	7.1	37.2
Establishment characteristics:									
Goods producing ⁷	15.56	3.4	39.6	16.68	4.2	39.5	18.61	3.1	39.4
Service producing ⁷	14.22	4.8	35.7	12.86	4.2	34.4	15.88	2.9	34.5
1 to 99 workers ⁸	13.10	5.5	36.3	13.10	3.1	34.6	14.50	2.6	35.0
100 to 499 workers	13.73	2.0	36.5	14.85	5.5	36.4	16.33	2.2	35.5
500 to 999 workers	17.48	4.0	37.5	16.46	7.6	37.6	19.82	4.3	36.4
1,000 to 2,499 workers	17.58	4.4	38.3	14.69	15.0	37.6	23.13	2.6	34.9
2,500 workers or more	20.56	4.2	38.2	21.69	8.3	37.6	24.69	1.8	37.2

¹ Data are presented for eight census divisions. Average hourly earnings and mean weekly hours previously published for the East South Central census division did not meet publishability standards. See appendix E for a list of survey areas and States comprising the nine census divisions.

² 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.

³ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁵ Employees are classified as working either a full-time or a part-time

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

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

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

⁸ Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

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

TABLE 4-5. **New England census division:**¹ **Mean hourly earnings**² **and weekly hours by metropolitan and nonmetropolitan areas**³ **for selected occupations, National Compensation Survey,**⁴ **October 2000**

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$17.54	1.7	35.4	\$17.69	1.6	35.4	\$15.57	6.9	34.7
All, excluding sales	17.83	1.7	36.0	18.01	1.7	36.1	15.46	6.1	34.7
White collar	22.92	6.6	35.7	23.13	7.3	35.7	20.32	5.2	35.9
White collar, excluding sales	24.38	5.8	37.1	24.71	6.5	37.2	20.46	5.3	36.0
Professional specialty and technical	26.17	2.7	35.8	26.52	2.9	36.0	22.98	2.3	33.9
Professional specialty	27.85	3.7	35.8	27.96	3.9	36.0	26.53	3.7	33.7
Engineers, architects, and surveyors	—	—	—	—	—	—	—	—	—
Aerospace engineers	36.37	6.5	40.0	36.37	6.5	40.0	—	—	—
Civil engineers	28.89	5.8	38.7	28.89	5.8	38.7	—	—	—
Electrical and electronic engineers	35.71	3.9	40.1	35.71	3.9	40.1	—	—	—
Industrial engineers	27.37	5.3	40.0	27.37	5.3	40.0	—	—	—
Engineers, n.e.c.	32.45	3.5	39.2	32.45	3.5	39.2	—	—	—
Mathematical and computer scientists	31.43	3.7	39.8	31.55	3.8	39.8	—	—	—
Computer systems analysts and scientists	31.99	3.9	39.9	32.14	3.9	39.9	—	—	—
Operations and systems researchers and analysts	23.93	8.6	39.0	23.93	8.6	39.0	—	—	—
Natural scientists	33.14	9.4	37.6	33.14	9.4	37.6	—	—	—
Chemists, except biochemists	34.66	24.6	38.7	34.66	24.6	38.7	—	—	—
Medical scientists	29.60	16.4	36.2	29.60	16.4	36.2	—	—	—
Health related	25.58	3.5	30.7	25.78	3.7	30.8	24.00	10.3	30.5
Physicians	41.71	13.3	41.1	40.51	15.1	42.6	—	—	—
Registered nurses	24.33	1.5	28.3	25.01	1.2	28.2	19.79	1.4	29.4
Pharmacists	31.18	3.6	36.4	31.18	3.6	36.4	—	—	—
Respiratory therapists	20.58	3.3	39.3	20.58	3.3	39.3	—	—	—
Occupational therapists	25.09	12.3	34.5	25.09	12.3	34.5	—	—	—
Therapists, n.e.c.	22.75	12.0	34.0	22.75	12.0	34.0	—	—	—
Teachers, college and university	41.13	4.4	32.7	42.57	5.3	31.8	34.71	7.6	37.5
Engineering teachers	53.12	10.3	30.7	—	—	—	—	—	—
Health specialties teachers	30.82	10.2	25.9	—	—	—	—	—	—
Business, commerce, and marketing teachers	53.32	19.3	36.0	—	—	—	—	—	—
Art, drama, and music teachers	36.65	6.2	36.0	34.51	6.7	35.0	—	—	—
Education teachers	48.70	11.6	36.5	—	—	—	—	—	—
English teachers	44.02	21.9	37.4	44.02	21.9	37.4	—	—	—
Trade and industrial teachers	32.79	7.5	37.5	—	—	—	—	—	—
Other post-secondary teachers	38.46	4.1	31.2	38.89	3.9	30.8	—	—	—
Teachers, except college and university	27.79	11.0	34.9	27.77	12.5	34.7	27.92	6.9	35.9
Prekindergarten and kindergarten	21.05	22.3	36.3	21.05	22.3	36.3	—	—	—
Elementary school teachers	34.49	2.8	34.5	35.10	3.0	34.1	—	—	—
Secondary school teachers	32.04	5.4	35.4	33.91	4.8	34.3	—	—	—
Teachers, special education	29.17	8.2	35.2	30.18	8.9	34.3	—	—	—
Substitute teachers	11.54	14.0	14.6	12.14	14.2	14.7	—	—	—
Vocational and educational counselors	31.06	9.3	34.3	32.28	11.4	36.7	—	—	—
Librarians, archivists, and curators	28.10	13.7	34.2	31.09	11.2	33.4	—	—	—
Librarians	28.31	13.8	35.8	31.44	11.1	35.3	—	—	—
Social scientists and urban planners	28.52	7.2	32.8	28.52	7.2	32.8	—	—	—
Psychologists	27.17	16.4	26.3	27.17	16.4	26.3	—	—	—
Social, recreation, and religious workers	19.08	3.6	36.3	19.05	3.7	36.3	—	—	—
Social workers	19.26	3.6	36.3	19.23	3.7	36.3	—	—	—
Lawyers and judges	35.10	7.9	39.3	35.10	7.9	39.3	—	—	—
Lawyers	34.28	7.9	39.4	34.28	7.9	39.4	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.93	8.9	36.6	23.30	9.8	37.4	—	—	—
Designers	25.31	9.9	39.6	25.31	9.9	39.6	—	—	—
Editors and reporters	23.64	18.5	39.6	23.64	18.5	39.6	—	—	—
Public relations specialists	26.23	14.3	37.7	27.94	13.8	38.0	—	—	—
Professional, n.e.c.	31.81	10.8	39.9	31.81	10.8	39.9	—	—	—
Technical	19.04	2.7	36.0	19.48	3.3	36.5	17.23	5.6	34.2
Clinical laboratory technologists and technicians	16.92	5.7	34.6	16.92	5.7	34.6	—	—	—
Radiological technicians	22.14	3.6	27.4	22.14	3.6	27.4	—	—	—
Licensed practical nurses	16.44	1.9	29.8	17.02	2.2	31.6	—	—	—
Health technologists and technicians, n.e.c.	15.24	3.2	34.8	15.36	3.3	36.3	—	—	—
Electrical and electronic technicians	19.06	4.3	39.8	18.98	4.5	39.8	—	—	—
Engineering technicians, n.e.c.	23.09	5.7	39.9	23.09	5.7	39.9	—	—	—
Drafters	19.05	6.8	39.9	20.23	5.9	39.8	—	—	—

See footnotes at end of table.

TABLE 4-5. New England census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ October 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Chemical technicians	—	—	—	\$17.17	6.4	40.0	—	—	—
Computer programmers	\$27.00	7.2	39.0	27.00	7.2	39.0	—	—	—
Technical and related, n.e.c.	18.32	9.7	39.8	18.32	9.7	39.8	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	32.83	6.9	41.7	33.19	7.8	41.6	\$26.70	15.6	44.4
Administrators and officials, public administration ...	36.31	4.0	42.6	36.86	4.9	42.5	28.19	20.5	44.7
Financial managers	31.95	10.6	38.0	34.92	5.4	37.7	—	—	—
Personnel and labor relations managers	28.20	7.6	40.1	28.16	8.1	40.0	—	—	—
Managers, marketing, advertising, and public relations	—	—	—	47.31	15.7	42.9	—	—	—
Administrators, education and related fields	39.89	8.1	41.3	39.89	8.1	41.3	—	—	—
Managers, food servicing and lodging establishments	33.35	7.8	38.7	32.97	8.0	38.8	—	—	—
Managers, service organizations, n.e.c.	23.14	11.0	46.3	23.14	11.0	46.3	—	—	—
Managers and administrators, n.e.c.	21.57	16.7	39.4	21.65	17.0	39.4	—	—	—
Management related	46.06	9.1	43.9	46.37	9.1	44.0	—	—	—
Accountants and auditors	21.87	3.2	39.2	22.03	3.2	39.1	16.30	1.5	42.4
Underwriters	19.93	4.2	37.7	19.95	4.3	37.7	—	—	—
Other financial officers	26.56	11.2	39.9	26.56	11.2	39.9	—	—	—
Management analysts	20.74	9.3	40.1	20.75	9.3	40.1	—	—	—
Personnel, training, and labor relations specialists ..	26.08	5.3	39.4	26.08	5.3	39.4	—	—	—
Buyers, wholesale and retail trade, except farm products	23.58	6.8	40.1	23.75	7.0	40.1	—	—	—
Purchasing agents and buyers, n.e.c.	27.93	9.5	41.9	27.93	9.5	41.9	—	—	—
Construction inspectors	22.23	9.8	39.8	22.23	9.8	39.8	—	—	—
Inspectors and compliance officers, except construction	19.23	18.9	37.0	25.65	9.6	31.0	—	—	—
Management related, n.e.c.	21.56	3.7	40.2	21.56	3.7	40.2	—	—	—
Management related, n.e.c.	22.32	7.6	39.2	22.53	7.8	39.0	—	—	—
Sales									
Supervisors, sales	13.43	6.5	28.9	13.22	6.5	28.7	18.47	14.4	33.9
Insurance sales	20.28	12.9	41.5	17.91	8.1	41.8	—	—	—
Advertising and related sales	20.92	10.5	38.9	20.92	10.5	38.9	—	—	—
Sales representatives, mining, manufacturing, and wholesale	32.40	7.6	42.0	32.40	7.6	42.0	—	—	—
Sales workers, other commodities	26.99	10.1	40.9	26.99	10.1	40.9	—	—	—
Sales counter clerks	9.93	13.6	25.5	9.68	13.4	25.3	—	—	—
Cashiers	10.57	5.3	28.5	10.57	5.3	28.5	—	—	—
Sales support, n.e.c.	7.31	3.4	21.4	7.32	3.1	21.1	—	—	—
Sales support, n.e.c.	19.07	19.1	39.6	21.06	18.0	39.5	—	—	—
Administrative support, including clerical									
Supervisors, general office	14.09	2.8	35.1	14.26	3.0	35.1	12.00	9.6	35.5
Supervisors, financial records processing	17.36	2.4	41.4	17.36	2.4	41.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	21.51	5.9	39.9	21.51	5.9	39.9	—	—	—
Computer operators	27.81	2.6	38.3	27.81	2.6	38.3	—	—	—
Secretaries	16.19	8.7	37.3	16.19	8.7	37.3	—	—	—
Typists	15.49	2.5	35.1	15.72	2.8	35.3	14.09	3.6	34.1
Interviewers	13.81	2.9	33.2	13.81	2.9	33.2	—	—	—
Transportation ticket and reservation agents	11.17	6.0	32.1	11.15	6.1	32.1	—	—	—
Receptionists	16.01	1.2	35.9	16.01	1.2	35.9	—	—	—
Order clerks	10.77	3.7	36.9	11.23	3.8	36.2	—	—	—
Personnel clerks, except payroll and timekeeping ...	13.68	4.7	38.1	13.68	4.7	38.1	—	—	—
Library clerks	17.03	8.1	36.3	17.03	8.1	36.3	—	—	—
Records clerks, n.e.c.	12.98	6.6	32.0	13.91	5.9	29.3	—	—	—
Bookkeepers, accounting and auditing clerks	11.98	4.9	37.0	12.07	5.5	36.6	—	—	—
Payroll and timekeeping clerks	13.45	3.8	32.2	13.54	3.7	32.6	—	—	—
Billing clerks	14.67	13.5	36.5	14.85	14.1	36.4	—	—	—
Telephone operators	11.42	6.1	39.2	11.39	6.1	39.2	—	—	—
Telephone operators	9.51	6.0	22.7	9.51	6.0	22.7	—	—	—

See footnotes at end of table.

TABLE 4-5. **New England census division:**¹ **Mean hourly earnings**² **and weekly hours by metropolitan and nonmetropolitan areas**³ **for selected occupations, National Compensation Survey,**⁴ **October 2000**—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Mail clerks, except postal service	\$10.10	5.4	36.4	\$10.10	5.4	36.4	—	—	—
Dispatchers	9.98	8.7	39.2	9.84	7.9	39.7	—	—	—
Production coordinators	18.99	5.6	40.0	18.99	5.6	40.0	—	—	—
Traffic, shipping and receiving clerks	14.04	5.6	39.4	14.04	5.6	39.4	—	—	—
Stock and inventory clerks	15.60	4.2	39.3	15.01	5.9	38.9	—	—	—
Insurance adjusters, examiners, and investigators ..	18.39	7.4	38.1	18.39	7.4	38.1	—	—	—
Investigators and adjusters, except insurance	14.17	6.9	37.6	14.13	7.0	37.6	—	—	—
Bill and account collectors	15.23	9.7	39.5	15.23	9.7	39.5	—	—	—
General office clerks	12.82	3.5	31.9	12.89	3.8	31.7	—	—	—
Bank tellers	11.26	8.1	33.9	11.43	8.8	34.7	—	—	—
Data entry keyers	13.22	5.9	35.5	13.22	5.9	35.5	—	—	—
Statistical clerks	13.00	6.3	30.5	13.00	6.3	30.5	—	—	—
Teachers' aides	10.75	5.7	32.9	11.88	4.8	30.5	—	—	—
Administrative support, n.e.c.	14.15	5.6	35.0	14.25	5.9	34.9	—	—	—
Blue collar	12.83	7.8	38.2	13.00	8.6	38.2	\$9.80	8.1	38.0
Precision production, craft, and repair	17.22	6.2	40.1	17.30	6.2	40.1	14.16	1.8	40.7
Supervisors, mechanics and repairers	16.70	9.2	40.9	16.70	9.2	40.9	—	—	—
Bus, truck, and stationary engine mechanics	18.28	9.9	40.2	18.37	9.8	40.2	—	—	—
Industrial machinery repairers	16.41	3.0	39.9	16.41	3.0	39.9	—	—	—
Mechanics and repairers, n.e.c.	15.49	8.3	39.7	15.49	8.3	39.7	—	—	—
Supervisors, construction trades, n.e.c.	19.95	11.7	41.3	20.23	12.6	41.4	—	—	—
Carpenters	18.38	5.5	39.9	18.38	5.5	39.9	—	—	—
Electricians	23.71	9.8	40.0	23.71	9.8	40.0	—	—	—
Electrical power installers and repairers	25.62	5.2	40.0	25.73	5.4	40.0	—	—	—
Painters, construction and maintenance	15.49	4.9	40.0	15.52	5.0	40.0	—	—	—
Plumbers, pipefitters and steamfitters	21.71	5.0	40.0	22.13	5.0	40.0	—	—	—
Construction trades, n.e.c.	13.33	6.4	39.9	14.60	5.5	39.9	—	—	—
Supervisors, production	19.15	5.1	41.5	20.33	5.2	41.5	—	—	—
Machinists	19.12	5.3	40.0	19.59	4.8	40.0	—	—	—
Butchers and meat cutters	13.08	15.0	38.0	13.08	15.0	38.0	—	—	—
Inspectors, testers, and graders	15.93	7.3	39.9	15.95	7.4	39.9	—	—	—
Machine operators, assemblers, and inspectors	11.43	4.4	39.0	11.61	4.9	39.1	9.72	8.4	38.3
Lathe and turning machine operators	17.60	4.5	40.0	17.60	4.5	40.0	—	—	—
Punching and stamping press operators	11.61	3.6	39.5	11.61	3.6	39.5	—	—	—
Numerical control machine operators	13.78	8.6	40.0	13.78	8.6	40.0	—	—	—
Molding and casting machine operators	12.02	9.2	40.0	13.24	7.0	40.0	—	—	—
Metal plating machine operators	13.06	6.8	40.0	13.06	6.8	40.0	—	—	—
Heat treating equipment operators	14.89	9.1	40.0	14.89	9.1	40.0	—	—	—
Printing press operators	16.51	5.0	39.7	16.51	5.0	39.7	—	—	—
Typesetters and compositors	13.46	10.2	38.1	13.46	10.2	38.1	—	—	—
Winding and twisting machine operators	11.26	.0	39.8	11.26	.0	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	11.05	2.4	39.6	10.78	1.7	39.5	—	—	—
Laundry and dry cleaning machine operators	8.86	8.4	31.9	8.86	8.4	31.9	—	—	—
Extruding and forming machine operators	11.58	10.6	38.9	11.58	10.6	38.9	—	—	—
Mixing and blending machine operators	12.27	10.4	40.0	12.29	11.7	40.0	—	—	—
Painting and paint spraying machine operators	13.26	2.9	40.0	12.93	9.9	40.0	—	—	—
Slicing and cutting machine operators	10.78	8.3	40.0	12.75	8.9	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	—	—	—	—	—	—	8.93	2.1	37.0
Welders and cutters	16.57	3.7	40.0	16.57	3.7	40.0	—	—	—
Assemblers	10.41	7.7	33.2	10.58	8.7	32.6	—	—	—
Miscellaneous hand working, n.e.c.	8.89	7.5	40.0	8.89	7.5	40.0	—	—	—
Production inspectors, checkers and examiners	14.27	7.4	39.9	14.58	7.0	39.9	—	—	—
Production testers	12.90	2.9	40.0	12.90	2.9	40.0	—	—	—
Transportation and material moving	14.12	12.4	36.3	14.13	12.5	36.3	—	—	—
Truck drivers	13.59	17.8	37.1	13.59	17.8	37.1	—	—	—
Bus drivers	15.57	4.5	32.9	15.68	4.6	33.2	—	—	—

See footnotes at end of table.

TABLE 4-5. **New England census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ October 2000—Continued**

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Supervisors, material moving equipment	\$17.99	5.3	43.6	\$17.99	5.3	43.6	—	—	—
Industrial truck and tractor equipment operators	13.90	3.5	39.6	13.90	3.5	39.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...	10.11	5.0	36.5	10.22	6.2	36.5	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.87	6.0	39.3	18.87	6.0	39.3	—	—	—
Construction laborers	18.79	10.2	38.6	18.79	10.2	38.6	—	—	—
Production helpers	9.51	12.8	35.3	—	—	—	—	—	—
Stock handlers and baggers	9.22	4.3	28.4	9.57	3.0	27.9	—	—	—
Freight, stock, and material handlers, n.e.c.	12.65	5.2	32.1	12.65	5.2	32.1	—	—	—
Laborers, except construction, n.e.c.	11.13	5.3	36.8	11.19	5.4	37.1	—	—	—
Service	10.56	4.6	28.4	10.60	4.9	28.5	\$10.17	7.6	27.7
Protective service	16.11	4.8	36.4	16.07	4.9	36.4	18.09	17.9	32.9
Supervisors, firefighters and fire prevention	23.09	2.6	42.0	23.51	2.3	41.9	—	—	—
Supervisors, police and detectives	26.51	11.1	39.6	26.53	12.1	39.6	—	—	—
Supervisors, guards	18.83	4.7	38.2	18.83	4.7	38.2	—	—	—
Firefighting	18.96	2.8	41.6	18.96	2.8	41.6	—	—	—
Police and detectives, public service	18.65	4.2	38.6	18.80	4.3	39.2	—	—	—
Crossing guards	11.99	6.2	11.3	11.99	6.2	11.3	—	—	—
Guards and police, except public service	9.72	4.1	33.6	9.72	4.1	33.6	—	—	—
Protective service, n.e.c.	8.25	6.3	23.7	8.25	6.3	23.7	—	—	—
Food service	7.51	8.2	24.8	7.36	8.0	25.0	8.68	14.2	23.2
Waiters, waitresses, and bartenders	4.39	5.2	22.4	4.24	5.1	22.5	5.57	17.5	21.2
Waiters and waitresses	3.91	6.6	21.0	3.71	4.7	20.7	5.30	21.2	24.1
Waiters/Waitresses' assistants	5.44	10.3	15.3	5.55	13.1	16.3	—	—	—
Other food service	9.39	4.0	26.5	9.24	4.0	26.8	10.56	15.3	24.6
Supervisors, food preparation and service	12.54	4.9	41.5	11.76	7.2	41.7	—	—	—
Cooks	10.36	4.3	29.8	10.69	5.7	32.5	—	—	—
Kitchen workers, food preparation	8.16	1.6	27.8	8.22	1.7	26.1	—	—	—
Food preparation, n.e.c.	7.59	5.1	20.7	7.58	5.2	21.1	—	—	—
Health service	11.60	5.5	32.3	11.68	6.3	31.8	11.12	1.9	36.4
Health aides, except nursing	13.12	15.1	30.6	13.87	17.3	28.3	—	—	—
Nursing aides, orderlies and attendants	10.96	1.4	33.0	10.92	1.3	33.0	11.34	9.0	32.7
Cleaning and building service	10.61	3.9	32.4	10.62	3.9	32.0	10.51	11.2	38.7
Supervisors, cleaning and building service workers	19.82	13.5	39.2	19.83	13.6	39.2	—	—	—
Maids and housemen	7.93	5.2	31.8	7.91	5.1	31.7	—	—	—
Janitors and cleaners	10.83	3.5	32.3	10.88	3.7	31.7	10.44	11.0	38.6
Personal service	9.40	8.6	21.3	9.30	9.0	21.4	—	—	—
Supervisors, personal service	13.97	5.9	38.4	—	—	—	—	—	—
Welfare service aides	11.10	6.9	24.2	11.47	5.5	27.7	—	—	—
Early childhood teachers' assistants	7.44	2.7	32.2	—	—	—	—	—	—
Child care workers, n.e.c.	9.22	12.3	24.8	9.12	12.8	24.3	—	—	—

¹ The New England census division consists of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was October 2000.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$18.72	3.2	34.7	\$18.77	3.3	34.6	\$16.63	6.5	36.0
All, excluding sales	18.93	3.4	35.0	18.98	3.4	35.0	16.79	6.0	36.1
White collar	23.24	4.4	34.6	23.28	4.5	34.6	20.48	4.3	36.0
White collar, excluding sales	24.40	4.8	35.4	24.46	4.8	35.3	21.11	2.2	36.3
Professional specialty and technical	31.12	8.5	34.2	31.28	8.7	34.2	24.67	4.1	35.3
Professional specialty	34.74	9.6	34.2	34.99	9.8	34.1	26.07	2.8	35.0
Engineers, architects, and surveyors	30.30	3.1	39.6	30.30	3.1	39.6	-	-	-
Architects	31.68	6.7	39.2	31.68	6.7	39.2	-	-	-
Metallurgical and materials engineers	29.41	7.3	39.8	29.41	7.3	39.8	-	-	-
Civil engineers	29.05	5.9	39.4	29.05	5.9	39.4	-	-	-
Electrical and electronic engineers	29.65	7.1	40.0	29.65	7.1	40.0	-	-	-
Industrial engineers	25.97	11.6	40.0	25.97	11.6	40.0	-	-	-
Mechanical engineers	26.92	5.2	38.1	26.92	5.2	38.1	-	-	-
Engineers, n.e.c.	32.71	3.9	39.7	32.71	3.9	39.7	-	-	-
Mathematical and computer scientists	38.41	6.4	39.3	38.49	6.4	39.3	-	-	-
Computer systems analysts and scientists	35.59	3.6	38.9	35.67	3.6	38.9	-	-	-
Natural scientists	33.85	5.1	39.1	33.85	5.1	39.1	-	-	-
Chemists, except biochemists	39.53	7.4	39.4	39.53	7.4	39.4	-	-	-
Physical scientists, n.e.c.	24.69	7.8	39.9	24.69	7.8	39.9	-	-	-
Biological and life scientists	32.34	11.5	37.5	32.34	11.5	37.5	-	-	-
Medical scientists	36.25	5.0	38.7	36.25	5.0	38.7	-	-	-
Health related	38.39	27.6	32.9	38.74	27.7	32.9	18.40	3.3	37.0
Physicians	82.47	28.4	35.2	82.47	28.4	35.2	-	-	-
Registered nurses	24.41	4.2	32.5	24.57	4.3	32.4	18.54	3.0	36.8
Pharmacists	31.51	3.5	28.1	31.51	3.5	28.1	-	-	-
Dietitians	18.11	6.3	33.9	18.11	6.3	33.9	-	-	-
Respiratory therapists	22.31	3.3	29.9	22.31	3.3	29.9	-	-	-
Occupational therapists	26.94	4.2	34.9	26.94	4.2	34.9	-	-	-
Physical therapists	27.85	6.1	37.8	27.85	6.1	37.8	-	-	-
Speech therapists	28.98	7.1	31.8	28.98	7.1	31.8	-	-	-
Therapists, n.e.c.	19.79	8.8	36.9	19.97	9.0	36.8	-	-	-
Teachers, college and university	47.54	9.7	32.5	48.16	10.0	32.4	-	-	-
Biological science teachers	40.25	9.1	35.2	44.64	6.3	34.0	-	-	-
Computer science teachers	39.23	22.0	29.5	39.23	22.0	29.5	-	-	-
Health specialties teachers	39.29	4.6	37.6	39.29	4.6	37.6	-	-	-
Business, commerce, and marketing teachers	47.40	21.9	34.0	48.75	22.4	34.2	-	-	-
Art, drama, and music teachers	27.61	17.4	30.4	-	-	-	-	-	-
English teachers	44.06	4.1	34.2	45.94	4.9	34.2	-	-	-
Other post-secondary teachers	-	-	-	-	-	-	-	-	-
Teachers, except college and university	34.06	2.9	32.3	34.25	3.1	32.2	30.88	4.0	33.4
Prekindergarten and kindergarten	27.52	14.6	33.9	27.52	14.6	33.9	-	-	-
Elementary school teachers	34.08	5.4	33.9	34.08	5.7	33.8	-	-	-
Secondary school teachers	37.81	2.6	35.7	38.08	2.8	35.7	-	-	-
Teachers, special education	36.81	5.2	31.7	36.88	5.4	31.6	-	-	-
Teachers, n.e.c.	33.90	8.2	29.4	34.10	8.6	29.0	-	-	-
Substitute teachers	12.08	7.3	20.9	12.31	7.8	22.2	-	-	-
Vocational and educational counselors	30.03	14.1	35.5	30.74	16.8	35.2	27.45	14.8	36.6
Librarians, archivists, and curators	25.39	8.9	35.7	25.39	8.9	35.7	-	-	-
Librarians	26.56	9.4	35.1	26.56	9.4	35.1	-	-	-
Social scientists and urban planners	30.79	10.1	35.2	30.67	10.3	35.2	-	-	-
Economists	30.84	17.0	36.7	30.84	17.0	36.7	-	-	-
Psychologists	31.09	12.7	34.7	31.09	12.7	34.7	-	-	-
Social, recreation, and religious workers	20.24	3.3	36.6	20.43	3.6	36.7	18.45	6.8	36.1
Social workers	20.46	3.2	36.6	20.70	3.5	36.6	18.45	6.8	36.1
Recreation workers	17.17	5.3	34.3	17.17	5.3	34.3	-	-	-
Lawyers and judges	46.97	9.1	39.7	46.97	9.1	39.7	-	-	-
Lawyers	46.95	9.1	39.9	46.95	9.1	39.9	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	25.74	7.8	29.8	25.74	7.8	29.8	-	-	-
Technical writers	28.90	13.0	38.6	28.90	13.0	38.6	-	-	-
Designers	26.35	10.9	38.4	26.35	10.9	38.4	-	-	-
Musicians and composers	39.28	25.3	7.2	39.28	25.3	7.2	-	-	-

See footnotes at end of table.

TABLE 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Painters, sculptors, craft artists, and artist printmakers									
	\$19.82	9.8	38.7	\$19.82	9.8	38.7	—	—	—
	34.25	21.9	36.6	34.25	21.9	36.6	—	—	—
	21.98	6.3	38.2	21.98	6.3	38.2	—	—	—
	19.45	5.3	23.9	19.45	5.3	23.9	—	—	—
	33.13	9.5	39.3	33.13	9.5	39.3	—	—	—
	19.88	4.8	34.3	19.95	4.8	34.3	\$13.05	10.6	38.0
	17.86	4.5	36.0	17.91	4.5	35.9	—	—	—
	13.48	8.9	29.0	13.48	8.9	29.0	—	—	—
	15.95	2.0	30.6	16.16	1.9	30.4	—	—	—
	13.76	8.3	28.5	13.76	8.3	28.5	—	—	—
	17.21	12.5	39.9	17.21	12.5	39.9	—	—	—
	24.28	.8	40.0	24.28	.8	40.0	—	—	—
	20.82	2.5	39.3	20.82	2.5	39.3	—	—	—
	20.26	9.6	40.0	20.26	9.6	40.0	—	—	—
	19.38	11.8	38.7	19.38	11.8	38.7	—	—	—
	18.57	4.0	39.6	18.57	4.0	39.6	—	—	—
	18.25	5.0	36.5	18.25	5.0	36.5	—	—	—
	131.21	15.1	20.7	131.21	15.1	20.7	—	—	—
	—	—	—	—	—	—	—	—	—
	27.45	6.8	35.0	28.13	6.3	34.8	—	—	—
	19.39	10.3	38.1	19.39	10.3	38.1	—	—	—
Executive, administrative, and managerial									
	32.26	3.3	38.7	32.37	3.3	38.7	—	—	—
	35.51	3.5	38.7	35.70	3.5	38.7	25.41	9.4	37.9
	30.77	4.7	37.3	32.49	4.9	37.4	23.73	8.0	36.8
	41.76	9.9	38.5	41.76	9.9	38.5	—	—	—
	38.20	9.7	39.7	39.47	10.3	39.8	—	—	—
	27.58	8.8	39.8	27.58	8.8	39.8	—	—	—
	41.20	5.5	40.3	41.27	5.5	40.3	—	—	—
	41.67	11.7	37.0	42.12	12.0	37.0	—	—	—
	35.67	6.0	36.0	35.67	6.0	36.0	—	—	—
	20.29	18.5	43.1	21.01	19.9	43.3	—	—	—
	30.65	8.0	36.7	30.65	8.0	36.7	—	—	—
	34.92	4.9	39.7	34.95	4.9	39.7	—	—	—
	27.57	7.1	38.6	27.62	7.2	38.5	21.27	10.8	39.0
	24.14	4.6	37.7	24.20	4.6	37.7	—	—	—
	39.51	8.6	38.1	39.51	8.6	38.1	—	—	—
	32.31	10.7	38.1	32.38	10.8	38.1	—	—	—
	31.78	9.6	37.5	31.78	9.6	37.5	—	—	—
	24.09	7.3	38.5	24.12	7.4	38.5	—	—	—
	18.40	11.3	39.0	18.40	11.3	39.0	—	—	—
	32.11	13.1	39.4	32.11	13.1	39.4	—	—	—
	23.62	8.0	36.6	23.62	8.0	36.6	—	—	—
	20.97	7.0	37.6	20.97	7.0	37.6	—	—	—
	29.67	17.2	39.4	29.72	17.3	39.4	—	—	—
Sales									
	16.18	7.7	30.6	16.21	7.7	30.6	10.52	29.7	32.5
	20.48	14.0	39.3	20.48	14.0	39.3	—	—	—
	40.17	17.8	37.3	40.17	17.8	37.3	—	—	—
	21.52	9.6	37.9	21.52	9.6	37.9	—	—	—
	27.22	12.8	36.0	27.22	12.8	36.0	—	—	—
	25.60	8.6	39.3	25.74	8.9	39.3	—	—	—

See footnotes at end of table.

TABLE 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Sales —Continued									
Sales workers, motor vehicles and boats	\$19.31	1.4	41.0	\$19.31	1.4	41.0	—	—	—
Sales workers, apparel	15.84	48.1	23.9	15.84	48.1	23.9	—	—	—
Sales workers, hardware and building supplies	14.76	14.8	34.1	14.76	14.8	34.1	—	—	—
Sales workers, parts	13.62	17.1	39.0	13.62	17.1	39.0	—	—	—
Sales workers, other commodities	9.63	11.8	27.2	9.63	11.8	27.2	—	—	—
Cashiers	7.88	3.8	26.8	7.88	3.8	26.7	—	—	—
Demonstrators, promoters, and models, sales	12.15	23.4	30.6	12.15	23.4	30.6	—	—	—
Sales support, n.e.c.	16.92	15.6	34.4	16.92	15.6	34.4	—	—	—
Administrative support, including clerical	13.95	1.6	34.9	13.96	1.6	34.9	\$13.09	5.6	37.1
Supervisors, general office	19.19	4.8	35.5	19.25	4.9	35.5	—	—	—
Supervisors, financial records processing	19.77	8.4	37.3	19.87	8.8	37.5	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.64	11.9	40.9	17.64	11.9	40.9	—	—	—
Computer operators	14.90	6.6	37.7	14.90	6.6	37.7	—	—	—
Secretaries	15.79	2.8	36.9	15.79	2.8	36.9	15.52	4.3	37.8
Stenographers	19.10	9.3	36.0	19.10	9.3	36.0	—	—	—
Typists	13.43	2.9	33.6	13.44	3.0	33.6	—	—	—
Interviewers	12.09	8.5	26.5	12.09	8.5	26.5	—	—	—
Hotel clerks	9.42	6.9	45.4	9.42	6.9	45.4	—	—	—
Transportation ticket and reservation agents	17.21	2.8	35.9	17.21	2.8	35.9	—	—	—
Receptionists	11.40	5.4	31.6	11.40	5.4	31.6	—	—	—
Information clerks, n.e.c.	13.70	8.6	35.7	13.70	8.6	35.7	—	—	—
Correspondence clerks	13.18	7.3	36.4	13.18	7.3	36.4	—	—	—
Order clerks	15.68	7.9	39.0	15.68	7.9	39.0	—	—	—
Personnel clerks, except payroll and timekeeping ...	16.87	4.4	39.1	16.87	4.4	39.1	—	—	—
Library clerks	11.09	7.5	25.1	11.09	7.5	25.1	—	—	—
File clerks	11.44	3.7	35.8	11.44	3.7	35.8	—	—	—
Records clerks, n.e.c.	13.66	4.2	36.2	13.66	4.2	36.2	—	—	—
Bookkeepers, accounting and auditing clerks	13.61	3.2	36.8	13.65	3.3	36.8	11.24	10.0	38.7
Payroll and timekeeping clerks	13.89	4.9	33.2	13.94	5.0	33.2	—	—	—
Billing clerks	11.86	5.7	39.1	11.86	5.7	39.1	—	—	—
Billing, posting, and calculating machine operators	11.54	7.0	31.5	11.54	7.0	31.5	—	—	—
Duplicating machine operators	11.20	10.7	36.8	11.20	10.7	36.8	—	—	—
Telephone operators	15.10	4.5	36.2	15.10	4.5	36.2	—	—	—
Mail clerks, except postal service	11.94	8.6	35.7	11.94	8.6	35.7	—	—	—
Messengers	11.91	5.2	37.3	12.03	5.2	37.2	—	—	—
Dispatchers	16.06	10.0	37.3	16.22	9.7	37.2	—	—	—
Production coordinators	16.52	6.5	37.1	16.52	6.5	37.1	—	—	—
Traffic, shipping and receiving clerks	14.06	6.9	39.4	14.09	6.9	39.4	—	—	—
Stock and inventory clerks	12.19	9.5	35.1	12.17	9.9	34.9	—	—	—
Meter readers	18.95	3.8	40.0	18.95	3.8	40.0	—	—	—
Expeditors	14.45	8.7	34.4	14.45	8.7	34.4	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	15.50	16.7	36.6	15.54	16.8	36.6	—	—	—
Insurance adjusters, examiners, and investigators ..	20.43	8.8	38.8	20.43	8.8	38.8	—	—	—
Investigators and adjusters, except insurance	12.34	5.4	37.6	12.34	5.4	37.6	—	—	—
Eligibility clerks, social welfare	15.06	6.8	36.7	15.18	7.5	37.0	—	—	—
Bill and account collectors	14.27	6.1	36.5	14.27	6.1	36.5	—	—	—
General office clerks	12.99	4.1	32.5	12.98	4.2	32.4	—	—	—
Bank tellers	10.45	6.3	34.5	10.45	6.3	34.5	—	—	—
Data entry keyers	12.16	4.1	34.7	12.19	4.5	34.3	—	—	—
Statistical clerks	14.84	11.4	36.3	14.84	11.4	36.3	—	—	—
Teachers' aides	12.27	8.1	27.2	12.29	8.2	27.1	—	—	—
Administrative support, n.e.c.	13.18	4.8	32.3	13.22	4.9	32.4	—	—	—
Blue collar	14.73	2.7	37.7	14.76	2.7	37.7	13.18	8.0	37.0
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.27	8.6	39.7	23.27	8.6	39.7	15.58	7.5	40.0
Automobile mechanics	18.19	13.4	39.9	18.19	13.4	39.9	—	—	—

See footnotes at end of table.

TABLE 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Bus, truck, and stationary engine mechanics	\$17.18	3.6	40.0	\$17.18	3.6	40.0	—	—	—
Automobile body and related repairers	11.87	9.0	38.9	11.87	9.0	38.9	—	—	—
Heavy equipment mechanics	22.39	4.6	40.0	22.39	4.6	40.0	—	—	—
Industrial machinery repairers	17.43	3.4	39.9	17.43	3.4	39.9	—	—	—
Machinery maintenance	18.78	4.9	40.0	18.86	4.8	40.0	—	—	—
Electronic repairers, communications and industrial equipment	23.07	3.7	34.8	23.07	3.7	34.8	—	—	—
Data processing equipment repairers	23.80	4.2	38.7	23.80	4.2	38.7	—	—	—
Household appliance and power tool repairers	22.84	6.5	40.0	22.84	6.5	40.0	—	—	—
Telephone installers and repairers	17.88	15.9	40.0	17.88	15.9	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.94	11.3	39.8	19.94	11.3	39.8	—	—	—
Mechanical controls and valve repairers	21.79	14.8	40.0	21.79	14.8	40.0	—	—	—
Millwrights	23.22	9.3	40.0	23.22	9.3	40.0	—	—	—
Mechanics and repairers, n.e.c.	19.36	3.8	39.4	19.67	3.6	39.4	—	—	—
Supervisors, electricians and power transmission installers	30.72	11.4	39.1	30.69	11.6	39.1	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	21.15	19.5	40.0	21.15	19.5	40.0	—	—	—
Supervisors, construction trades, n.e.c.	20.96	15.1	39.1	20.99	15.8	39.1	—	—	—
Brickmasons and stonemasons	17.38	8.0	36.2	17.38	8.0	36.2	—	—	—
Carpenters	17.81	5.8	39.8	17.82	5.9	39.8	—	—	—
Electricians	22.54	12.3	39.0	22.54	12.3	39.0	—	—	—
Electrician apprentices	18.66	15.9	39.8	18.66	15.9	39.8	—	—	—
Electrical power installers and repairers	28.51	4.0	40.0	28.49	4.1	40.0	—	—	—
Painters, construction and maintenance	21.34	17.0	36.9	21.34	17.0	36.9	—	—	—
Plumbers, pipefitters and steamfitters	26.78	11.8	38.0	26.85	11.9	38.0	—	—	—
Construction trades, n.e.c.	17.59	8.9	39.8	17.92	9.8	39.7	—	—	—
Supervisors, production	21.25	5.6	40.0	21.25	5.6	40.0	—	—	—
Tool and die makers	20.39	1.5	40.0	20.39	1.5	40.0	—	—	—
Machinists	15.05	9.6	40.0	15.05	9.6	40.0	—	—	—
Sheet metal workers	17.26	9.0	40.0	17.26	9.0	40.0	—	—	—
Electrical and electronic equipment assemblers	13.57	5.0	40.0	13.57	5.0	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	17.90	4.0	40.0	17.90	4.0	40.0	—	—	—
Butchers and meat cutters	14.92	6.1	34.2	14.77	6.7	33.6	—	—	—
Bakers	9.12	13.5	29.9	9.12	13.5	29.9	—	—	—
Food batchmakers	11.49	11.3	36.0	11.49	11.3	36.0	—	—	—
Inspectors, testers, and graders	19.79	8.6	39.7	19.79	8.6	39.7	—	—	—
Water and sewer treatment plant operators	17.01	8.0	40.0	17.01	8.0	40.0	—	—	—
Stationary engineers	20.05	5.4	39.7	20.11	6.0	39.7	—	—	—
Miscellaneous plant and system operators, n.e.c.	17.96	4.7	41.9	17.96	4.7	41.9	—	—	—
Machine operators, assemblers, and inspectors	12.20	4.0	39.1	12.19	4.0	39.1	—	—	—
Lathe and turning machine operators	14.18	12.1	39.1	14.18	12.1	39.1	—	—	—
Punching and stamping press operators	12.81	11.4	39.7	12.81	11.4	39.7	—	—	—
Rolling machine operators	22.05	15.9	40.0	22.05	15.9	40.0	—	—	—
Drilling and boring machine operators	14.39	9.9	40.0	14.39	9.9	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	11.85	4.2	39.9	11.66	4.0	39.9	—	—	—
Numerical control machine operators	13.92	8.0	40.0	13.92	8.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.56	7.9	40.0	14.56	7.9	40.0	—	—	—
Molding and casting machine operators	11.93	5.9	40.0	12.15	6.3	40.0	—	—	—
Metal plating machine operators	13.39	5.5	40.0	13.39	5.5	40.0	—	—	—
Printing press operators	18.72	7.8	38.5	19.15	7.8	38.3	—	—	—
Photoengravers and lithographers	16.49	9.6	36.6	16.49	9.6	36.6	—	—	—
Typesetters and compositors	17.50	13.0	36.0	17.50	13.0	36.0	—	—	—
Winding and twisting machine operators	11.91	7.3	39.1	11.91	7.3	39.1	—	—	—
Knitting, looping, taping, and weaving machine operators	11.96	6.7	40.0	11.96	6.7	40.0	—	—	—
Textile sewing machine operators	7.33	5.1	39.7	7.33	5.1	39.7	—	—	—
Laundrying and dry cleaning machine operators	9.73	5.4	33.6	9.58	5.6	34.1	—	—	—
Packaging and filling machine operators	12.24	12.6	39.8	12.24	12.6	39.8	—	—	—

See footnotes at end of table.

TABLE 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Extruding and forming machine operators	\$11.32	13.8	39.9	\$11.32	13.8	39.9	—	—	—
Mixing and blending machine operators	13.61	12.3	36.1	13.61	12.3	36.1	—	—	—
Separating, filtering, and clarifying machine operators	16.25	2.0	40.0	16.25	2.0	40.0	—	—	—
Furnace, kiln, and oven operators, except food	13.66	4.2	40.0	13.66	4.2	40.0	—	—	—
Crushing and grinding machine operators	15.08	1.7	40.0	14.96	2.0	40.0	—	—	—
Slicing and cutting machine operators	13.11	5.1	39.7	13.11	5.1	39.7	—	—	—
Miscellaneous machine operators, n.e.c.	11.17	13.8	39.9	11.17	13.8	39.9	—	—	—
Welders and cutters	17.15	7.0	40.0	17.16	7.0	40.0	—	—	—
Assemblers	11.57	6.6	38.9	11.57	6.6	38.9	—	—	—
Miscellaneous hand working, n.e.c.	14.58	20.7	40.0	14.58	20.7	40.0	—	—	—
Production inspectors, checkers and examiners	13.79	4.4	38.0	13.79	4.4	38.0	—	—	—
Production testers	13.69	9.8	39.9	13.69	9.8	39.9	—	—	—
Transportation and material moving	14.83	3.7	36.3	14.81	3.7	36.5	\$16.35	9.3	25.6
Truck drivers	14.44	6.2	37.3	14.44	6.2	37.3	—	—	—
Driver-sales workers	17.48	8.2	39.0	17.48	8.2	39.0	—	—	—
Bus drivers	15.34	5.0	31.4	15.22	5.1	32.6	—	—	—
Taxicab drivers and chauffeurs	10.78	6.2	35.8	10.78	6.2	35.8	—	—	—
Parking lot attendants	7.98	13.0	28.1	7.98	13.0	28.1	—	—	—
Supervisors, material moving equipment	21.44	4.1	39.4	21.68	4.7	39.7	—	—	—
Operating engineers	20.48	4.6	40.0	20.48	4.6	40.0	—	—	—
Crane and tower operators	18.69	14.1	40.0	18.69	14.1	40.0	—	—	—
Excavating and loading machine operators	15.18	4.5	40.0	15.23	4.5	40.0	—	—	—
Grader, dozer, and scrapper operators	20.31	11.3	40.0	20.31	11.3	40.0	—	—	—
Industrial truck and tractor equipment operators	14.27	6.9	39.6	14.25	7.0	39.6	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	15.31	3.4	39.1	15.35	3.5	39.1	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.38	4.8	36.1	11.40	5.1	36.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	23.21	11.1	34.7	23.21	11.1	34.7	—	—	—
Helpers, mechanics and repairers	12.08	7.8	37.0	11.92	8.4	36.8	—	—	—
Helpers, construction trades	12.36	10.0	39.2	12.36	10.0	39.2	—	—	—
Construction laborers	11.71	11.4	39.6	11.73	12.1	39.9	—	—	—
Production helpers	10.65	4.7	39.6	10.66	4.8	39.6	—	—	—
Garbage collectors	15.27	11.1	40.0	15.27	11.1	40.0	—	—	—
Stock handlers and baggers	9.43	7.5	31.1	9.39	7.6	31.0	—	—	—
Machine feeders and offbearers	10.60	5.0	39.6	10.60	5.0	39.6	—	—	—
Freight, stock, and material handlers, n.e.c.	13.18	4.4	33.1	13.18	4.4	33.1	—	—	—
Garage and service station related	7.82	6.8	32.3	7.82	6.8	32.3	—	—	—
Vehicle washers and equipment cleaners	11.48	7.2	38.9	11.48	7.2	38.9	—	—	—
Hand packers and packagers	9.52	9.9	38.8	9.52	9.9	38.8	—	—	—
Laborers, except construction, n.e.c.	11.21	7.6	36.7	11.34	8.6	36.3	—	—	—
Service	11.58	2.9	31.3	11.50	2.9	31.2	—	—	—
Protective service	18.92	4.1	37.5	18.79	4.4	37.4	20.75	2.8	39.3
Supervisors, police and detectives	30.88	3.9	40.0	30.88	3.9	40.0	—	—	—
Supervisors, guards	19.56	9.3	37.7	19.56	9.3	37.7	—	—	—
Firefighting	22.74	3.2	43.3	22.74	3.2	43.3	—	—	—
Police and detectives, public service	24.48	4.0	39.8	24.48	4.0	39.8	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	20.50	5.2	34.1	20.74	5.1	34.7	—	—	—
Correctional institution officers	20.52	3.1	39.9	20.39	4.2	39.8	—	—	—
Crossing guards	10.77	6.1	20.7	10.77	6.1	20.7	—	—	—
Guards and police, except public service	10.71	7.6	36.2	10.71	7.6	36.2	—	—	—
Protective service, n.e.c.	11.65	13.6	29.2	11.14	13.4	28.9	—	—	—
Food service	7.65	6.6	27.5	7.63	6.7	27.5	9.29	19.4	24.4
Waiters, waitresses, and bartenders	5.32	6.6	25.2	5.33	6.6	25.2	—	—	—
Bartenders	6.85	11.2	28.2	6.85	11.2	28.2	—	—	—

See footnotes at end of table.

TABLE 4-6. Middle Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service—Continued									
Food service—Continued									
Waiters, waitresses, and bartenders—Continued									
Waiters and waitresses	\$4.38	9.5	24.4	\$4.39	9.6	24.4	—	—	—
Waiters/Waitresses' assistants	5.88	9.6	23.1	5.88	9.6	23.1	—	—	—
Other food service	8.58	6.7	28.5	8.55	6.8	28.6	\$10.30	10.6	24.3
Supervisors, food preparation and service	16.27	15.0	36.5	16.27	15.0	36.5	—	—	—
Cooks	8.72	7.8	32.1	8.61	7.9	32.1	—	—	—
Kitchen workers, food preparation	8.49	9.3	28.5	8.47	9.6	28.6	—	—	—
Food preparation, n.e.c.	7.56	4.6	27.4	7.56	4.6	27.5	—	—	—
Health service	10.47	3.3	34.1	10.44	3.4	34.0	11.20	12.0	37.1
Health aides, except nursing	12.50	5.8	35.9	12.31	6.4	35.7	15.76	10.0	39.6
Nursing aides, orderlies and attendants	9.99	3.0	33.6	10.01	3.1	33.6	9.18	7.3	36.1
Cleaning and building service	11.85	3.0	32.4	11.89	3.1	32.3	10.19	4.9	36.7
Supervisors, cleaning and building service workers	18.63	9.5	35.8	18.63	9.5	35.8	—	—	—
Maids and housemen	11.64	7.0	35.1	11.68	7.0	35.3	—	—	—
Janitors and cleaners	11.48	3.6	31.3	11.52	3.7	31.1	10.31	5.9	38.5
Personal service	11.30	7.3	28.8	11.35	7.5	28.7	9.49	1.5	33.6
Supervisors, personal service	16.99	7.4	32.9	16.99	7.4	32.9	—	—	—
Hairdressers and cosmetologists	12.23	8.8	27.0	12.23	8.8	27.0	—	—	—
Attendants, amusement, and recreation facilities	7.60	8.2	22.4	7.66	8.5	22.1	—	—	—
Public transportation attendants	30.43	13.2	22.0	30.59	13.2	21.9	—	—	—
Welfare service aides	10.56	4.3	35.8	10.63	4.5	35.5	—	—	—
Early childhood teachers' assistants	7.93	15.8	32.5	7.93	15.8	32.5	—	—	—
Child care workers, n.e.c.	9.75	3.7	29.6	9.71	3.9	29.3	—	—	—
Service, n.e.c.	13.26	15.0	28.6	13.26	15.0	28.6	—	—	—

¹ The Middle Atlantic census division consists of New York, New Jersey, and Pennsylvania. It also includes the New York, NY Consolidated Metropolitan Statistical Area (which is comprised of parts of New York, New Jersey, Connecticut, and Pennsylvania), and the Philadelphia, PA Consolidated Metropolitan Statistical Area (which is comprised of parts of Pennsylvania, New Jersey, Delaware, and Maryland).

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more

information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$16.08	2.5	35.8	\$16.12	2.7	35.8	\$15.68	3.1	36.5
All, excluding sales	16.14	2.5	36.0	16.17	2.7	36.0	15.83	3.2	36.7
White collar	19.24	3.6	35.9	19.28	3.9	35.9	18.74	3.1	36.6
White collar, excluding sales	20.17	3.2	36.4	20.25	3.5	36.4	19.28	3.0	37.1
Professional specialty and technical	25.46	1.9	35.0	25.58	2.2	34.9	24.31	5.7	36.0
Professional specialty	26.90	2.1	34.8	27.01	2.4	34.7	25.91	6.0	35.9
Engineers, architects, and surveyors	31.56	6.2	40.4	31.62	6.4	40.4	29.82	7.9	40.5
Metallurgical and materials engineers	32.87	6.2	40.0	32.87	6.2	40.0	-	-	-
Chemical engineers	37.30	10.2	40.0	37.30	10.2	40.0	-	-	-
Civil engineers	23.62	9.3	39.7	23.58	9.3	39.7	-	-	-
Electrical and electronic engineers	38.64	11.4	42.7	38.66	11.4	42.7	-	-	-
Industrial engineers	29.16	3.4	40.2	28.88	3.6	40.1	-	-	-
Mechanical engineers	27.47	5.7	40.1	27.47	5.7	40.1	-	-	-
Engineers, n.e.c.	33.37	2.7	40.0	33.51	2.7	40.0	-	-	-
Mathematical and computer scientists	28.47	4.0	39.6	28.48	4.0	39.6	-	-	-
Computer systems analysts and scientists	28.02	4.6	39.7	28.02	4.6	39.7	-	-	-
Operations and systems researchers and analysts	29.72	4.5	39.5	29.72	4.5	39.5	-	-	-
Natural scientists	23.91	5.8	39.5	24.47	5.5	39.4	-	-	-
Chemists, except biochemists	29.06	8.3	40.0	29.06	8.3	40.0	-	-	-
Physical scientists, n.e.c.	26.02	9.0	39.2	25.55	9.4	39.2	-	-	-
Biological and life scientists	26.07	8.3	39.2	26.07	8.3	39.2	-	-	-
Medical scientists	15.92	12.6	38.7	15.92	12.6	38.7	-	-	-
Health related	23.36	2.1	32.8	23.37	2.8	32.5	23.26	13.0	35.2
Physicians	38.53	10.6	38.7	36.68	11.2	38.5	-	-	-
Registered nurses	21.47	1.8	32.1	21.60	2.2	31.9	20.43	10.1	34.5
Pharmacists	33.43	3.8	31.9	35.10	1.3	30.1	-	-	-
Dietitians	17.91	3.7	31.3	17.91	3.7	31.3	-	-	-
Respiratory therapists	18.16	3.4	35.1	18.16	3.4	35.1	-	-	-
Occupational therapists	23.34	5.1	23.7	23.34	5.1	23.7	-	-	-
Physical therapists	22.54	7.3	37.3	-	-	-	-	-	-
Speech therapists	29.67	8.5	34.9	28.29	9.9	34.9	-	-	-
Therapists, n.e.c.	18.23	8.3	33.9	18.37	10.7	33.8	-	-	-
Teachers, college and university	38.11	4.6	33.5	37.96	4.6	33.8	40.70	24.8	29.1
Biological science teachers	32.43	10.0	34.2	32.43	10.0	34.2	-	-	-
Chemistry teachers	38.48	5.2	32.9	38.48	5.2	32.9	-	-	-
Engineering teachers	54.29	19.5	36.5	54.29	19.5	36.5	-	-	-
Mathematical science teachers	41.87	6.1	36.4	41.87	6.1	36.4	-	-	-
Computer science teachers	35.19	24.0	28.4	35.19	24.0	28.4	-	-	-
Medical science teachers	45.97	13.3	48.1	45.97	13.3	48.1	-	-	-
Health specialties teachers	36.39	14.6	39.0	36.39	14.6	39.0	-	-	-
Business, commerce, and marketing teachers	38.49	9.6	27.9	38.49	9.6	27.9	-	-	-
Art, drama, and music teachers	28.10	10.8	34.6	27.87	11.7	33.6	-	-	-
Education teachers	42.35	6.3	36.9	42.35	6.3	36.9	-	-	-
English teachers	43.51	17.9	36.9	43.51	17.9	36.9	-	-	-
Foreign language teachers	31.00	9.0	29.2	31.00	9.0	29.2	-	-	-
Theology teachers	28.35	9.4	40.4	-	-	-	-	-	-
Trade and industrial teachers	28.92	23.1	21.3	28.92	23.1	21.3	-	-	-
Other post-secondary teachers	31.84	9.1	25.6	31.57	9.6	26.8	-	-	-
Teachers, except college and university	27.87	4.3	33.6	27.96	5.1	33.1	27.52	6.2	35.8
Prekindergarten and kindergarten	12.58	9.5	36.2	12.03	7.8	36.2	-	-	-
Elementary school teachers	30.97	2.8	34.9	32.28	2.4	34.1	26.56	6.2	38.0
Secondary school teachers	32.35	3.8	36.2	33.96	3.9	35.7	26.90	5.1	37.7
Teachers, special education	29.40	5.6	35.5	29.92	7.5	35.2	28.36	6.9	36.2
Teachers, n.e.c.	30.34	7.5	27.1	29.11	7.9	26.0	36.01	9.9	33.6
Substitute teachers	11.19	10.7	15.9	11.42	12.2	18.3	-	-	-
Vocational and educational counselors	23.93	9.6	36.3	23.48	10.9	36.4	-	-	-
Librarians, archivists, and curators	21.43	6.3	36.0	21.65	6.3	36.3	20.94	14.8	35.2
Librarians	21.25	6.0	36.3	20.81	6.1	36.8	-	-	-
Archivists and curators	22.60	21.9	34.0	26.85	16.3	33.6	-	-	-
Social scientists and urban planners	22.17	11.4	34.9	22.17	11.4	34.9	-	-	-
Economists	21.18	11.0	39.8	21.18	11.0	39.8	-	-	-
Psychologists	24.21	15.1	37.4	24.21	15.1	37.4	-	-	-
Urban planners	20.23	6.9	20.8	20.23	6.9	20.8	-	-	-

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty —Continued									
Social, recreation, and religious workers	\$16.30	3.7	36.2	\$16.20	4.0	36.0	\$17.34	4.1	39.1
Social workers	16.41	3.9	36.7	16.34	4.2	36.5	17.29	5.1	39.3
Recreation workers	14.12	11.9	26.8	10.18	8.1	19.9	—	—	—
Clergy	17.27	7.4	35.4	17.27	7.4	35.4	—	—	—
Lawyers and judges	49.73	11.4	38.4	50.93	11.5	39.0	—	—	—
Lawyers	49.92	11.5	38.4	51.15	11.6	39.0	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.56	6.1	30.4	22.66	6.1	30.3	—	—	—
Technical writers	18.79	7.9	39.5	18.79	7.9	39.5	—	—	—
Designers	23.90	12.3	38.2	23.90	12.3	38.2	—	—	—
Painters, sculptors, craft artists, and artist printmakers	17.03	14.7	39.5	17.03	14.7	39.5	—	—	—
Photographers	21.15	12.0	36.9	21.15	12.0	36.9	—	—	—
Editors and reporters	22.17	11.2	39.2	22.17	11.2	39.2	—	—	—
Public relations specialists	22.43	10.1	34.4	22.43	10.1	34.4	—	—	—
Athletes	22.52	30.3	24.8	23.51	35.1	23.4	—	—	—
Professional, n.e.c.	26.35	6.3	39.8	26.35	6.3	39.8	—	—	—
Technical	20.14	3.2	35.5	20.53	3.4	35.5	13.76	3.1	36.6
Clinical laboratory technologists and technicians	16.92	4.9	34.7	16.97	5.3	34.4	—	—	—
Health record technologists and technicians	13.67	5.8	34.4	13.58	5.9	34.4	—	—	—
Radiological technicians	18.86	2.7	32.9	18.88	2.7	32.9	—	—	—
Licensed practical nurses	14.62	1.8	34.7	15.03	1.6	34.0	13.46	4.4	36.9
Health technologists and technicians, n.e.c.	14.32	4.0	31.4	14.52	4.1	31.3	—	—	—
Electrical and electronic technicians	21.77	2.2	39.2	21.77	2.2	39.2	—	—	—
Industrial engineering technicians	17.84	9.3	40.7	17.84	9.3	40.7	—	—	—
Mechanical engineering technicians	24.91	7.3	40.3	24.91	7.3	40.3	—	—	—
Engineering technicians, n.e.c.	20.40	6.7	39.5	20.46	6.8	39.5	—	—	—
Drafters	20.94	5.1	40.0	20.95	5.1	40.0	—	—	—
Biological technicians	17.49	14.5	29.8	—	—	—	—	—	—
Chemical technicians	17.37	11.8	39.5	17.39	12.0	40.0	—	—	—
Science technicians, n.e.c.	14.60	12.3	40.0	14.70	13.1	39.9	—	—	—
Airplane pilots and navigators	100.92	28.8	17.8	100.92	28.8	17.8	—	—	—
Broadcast equipment operators	13.89	11.3	36.6	13.89	11.3	36.6	—	—	—
Computer programmers	22.98	6.5	39.6	22.98	6.5	39.6	—	—	—
Legal assistants	20.39	5.6	38.3	20.39	5.6	38.3	—	—	—
Technical and related, n.e.c.	21.75	6.7	38.8	21.94	6.7	38.8	—	—	—
Executive, administrative, and managerial	28.44	3.3	39.6	28.62	3.5	39.6	25.39	6.0	39.2
Executives, administrators, and managers	31.03	3.2	40.1	31.32	3.2	40.2	26.77	6.6	39.3
Legislators	17.89	25.2	8.1	24.71	10.5	7.8	—	—	—
Administrators and officials, public administration ...	29.92	5.0	39.1	30.48	4.2	39.1	28.33	16.6	39.1
Financial managers	30.84	4.5	39.9	31.16	4.9	39.9	—	—	—
Personnel and labor relations managers	40.68	12.2	46.2	40.68	12.2	46.2	—	—	—
Purchasing managers	28.97	11.8	41.0	28.97	11.8	41.0	—	—	—
Managers, marketing, advertising, and public relations	35.52	12.9	40.8	35.52	12.9	40.8	—	—	—
Administrators, education and related fields	36.01	5.5	39.0	36.81	5.6	38.8	—	—	—
Managers, medicine and health	31.81	13.7	39.7	31.91	14.9	39.7	—	—	—
Managers, food servicing and lodging establishments	17.54	9.6	44.4	18.04	10.0	43.8	—	—	—
Managers, properties and real estate	27.77	20.7	39.6	27.77	20.7	39.6	—	—	—
Managers, service organizations, n.e.c.	22.60	11.1	33.7	22.50	11.3	33.6	—	—	—
Managers and administrators, n.e.c.	31.52	5.3	41.5	31.77	5.5	41.5	21.76	19.1	40.7
Management related	24.00	6.8	38.7	24.09	7.2	38.7	22.16	6.6	39.0
Accountants and auditors	21.61	2.2	39.7	21.58	2.3	39.8	—	—	—
Underwriters	19.51	8.7	38.3	18.96	8.8	38.3	—	—	—
Other financial officers	24.94	6.6	39.8	24.95	7.4	39.9	—	—	—
Management analysts	24.18	7.2	39.0	23.79	7.1	39.1	—	—	—
Personnel, training, and labor relations specialists ..	21.65	8.4	36.5	21.87	8.6	36.4	—	—	—

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Executive, administrative, and managerial —Continued									
Management related—Continued									
Buyers, wholesale and retail trade, except farm products	\$20.82	7.1	41.0	\$20.82	7.1	41.0	—	—	—
Purchasing agents and buyers, n.e.c.	30.27	9.6	39.8	30.27	9.6	39.8	—	—	—
Construction inspectors	22.51	7.5	39.5	22.16	8.1	39.5	—	—	—
Inspectors and compliance officers, except construction	19.54	3.8	39.1	19.51	4.0	39.3	—	—	—
Management related, n.e.c.	27.77	13.7	38.6	27.93	13.9	38.5	—	—	—
Sales	15.54	7.5	34.0	15.65	7.6	34.1	\$9.90	9.4	29.7
Supervisors, sales	15.60	4.3	40.7	15.62	4.4	40.7	—	—	—
Insurance sales	23.71	9.7	39.0	23.71	9.7	39.0	—	—	—
Real estate sales	17.45	9.0	32.7	17.16	9.7	32.2	—	—	—
Securities and financial services sales	46.38	10.8	42.6	46.38	10.8	42.6	—	—	—
Advertising and related sales	20.38	6.0	39.8	20.38	6.0	39.8	—	—	—
Sales, other business services	28.16	20.6	40.1	28.24	20.7	40.1	—	—	—
Sales engineers	48.73	13.1	41.0	48.73	13.1	41.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	29.99	15.5	40.9	31.95	14.7	41.0	—	—	—
Sales workers, motor vehicles and boats	16.79	9.2	45.2	16.79	9.2	45.2	—	—	—
Sales workers, apparel	7.94	7.0	23.0	7.94	7.0	23.0	—	—	—
Sales workers, furniture and home furnishings	15.50	26.0	32.4	15.50	26.0	32.4	—	—	—
Sales workers, radio, tv, hi-fi, and appliances	13.03	22.4	28.5	13.03	22.4	28.5	—	—	—
Sales workers, hardware and building supplies	20.75	24.3	38.8	22.41	22.8	38.6	—	—	—
Sales workers, parts	13.27	6.1	40.2	13.27	6.1	40.2	—	—	—
Sales workers, other commodities	13.06	23.9	31.3	13.06	23.9	31.3	—	—	—
Sales counter clerks	7.42	3.9	31.4	7.43	3.9	31.7	—	—	—
Cashiers	7.40	2.2	27.0	7.40	2.3	27.1	7.44	4.1	23.4
Sales support, n.e.c.	10.69	10.7	33.3	10.69	10.7	33.3	—	—	—
Administrative support, including clerical	12.28	3.7	36.6	12.22	3.9	36.5	12.89	6.1	37.6
Supervisors, general office	17.59	10.3	38.7	17.58	10.4	38.7	—	—	—
Supervisors, computer equipment operators	26.38	16.1	39.0	26.38	16.1	39.0	—	—	—
Supervisors, financial records processing	18.79	6.5	39.1	18.85	7.0	39.3	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.48	5.5	39.7	17.45	5.6	39.7	—	—	—
Computer operators	16.07	5.2	39.3	16.18	6.0	39.5	—	—	—
Secretaries	13.65	3.0	38.4	13.72	3.3	38.4	13.12	7.9	38.1
Stenographers	12.95	3.6	34.8	13.26	3.5	35.6	—	—	—
Typists	12.78	6.9	36.6	13.00	7.1	36.4	—	—	—
Interviewers	8.94	7.2	27.5	8.95	7.7	27.2	—	—	—
Hotel clerks	8.15	4.4	34.2	8.06	4.8	38.4	—	—	—
Transportation ticket and reservation agents	13.36	6.0	34.0	13.36	6.0	34.0	—	—	—
Receptionists	10.18	5.5	36.1	10.27	5.9	35.9	—	—	—
Information clerks, n.e.c.	14.26	5.4	35.2	14.26	5.4	35.2	—	—	—
Order clerks	12.17	3.6	34.6	12.17	3.6	34.6	—	—	—
Personnel clerks, except payroll and timekeeping	14.07	6.4	38.7	14.07	6.4	38.7	—	—	—
Library clerks	10.44	6.2	27.0	10.93	5.3	24.7	—	—	—
File clerks	9.80	4.2	32.9	9.84	4.3	32.7	—	—	—
Records clerks, n.e.c.	12.62	5.4	37.0	12.74	5.6	36.8	11.79	9.2	38.5
Bookkeepers, accounting and auditing clerks	10.05	10.0	38.3	9.94	10.3	38.3	11.39	13.5	37.4
Payroll and timekeeping clerks	15.41	5.3	37.9	15.41	5.3	37.9	—	—	—
Billing clerks	12.05	3.5	31.1	12.05	3.5	31.1	—	—	—
Billing, posting, and calculating machine operators	9.82	7.7	36.8	9.86	8.1	36.8	—	—	—
Telephone operators	12.47	8.3	32.5	12.53	8.4	32.4	—	—	—
Mail clerks, except postal service	10.22	5.3	31.5	10.22	5.3	31.5	—	—	—
Dispatchers	13.17	5.8	38.9	13.71	4.0	38.8	—	—	—
Production coordinators	17.49	6.0	39.9	18.13	5.9	40.3	—	—	—
Traffic, shipping and receiving clerks	12.13	10.8	39.6	10.97	6.3	39.5	—	—	—
Stock and inventory clerks	12.41	4.0	32.7	12.38	4.1	32.6	—	—	—
Meter readers	13.63	1.4	39.8	13.66	1.4	39.8	—	—	—

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Weighers, measurers, checkers, and samplers	\$14.06	10.8	40.0	\$14.06	11.1	40.0	—	—	—
Expeditors	12.48	13.7	34.7	12.48	13.7	34.7	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	18.76	8.3	39.2	15.70	7.8	38.3	—	—	—
Insurance adjusters, examiners, and investigators ..	16.79	14.2	35.6	16.93	14.5	35.5	—	—	—
Investigators and adjusters, except insurance	13.16	7.7	39.0	13.12	7.7	39.0	—	—	—
Eligibility clerks, social welfare	14.53	4.5	40.0	13.91	4.5	40.0	—	—	—
Bill and account collectors	12.61	11.8	37.5	12.57	12.1	37.5	—	—	—
General office clerks	11.53	2.6	36.2	11.59	2.8	36.2	\$10.73	5.0	36.3
Bank tellers	9.26	2.9	33.3	9.29	3.0	33.2	—	—	—
Data entry keyers	11.23	5.1	36.8	11.25	5.1	36.9	—	—	—
Statistical clerks	12.18	7.8	37.7	12.18	7.8	37.7	—	—	—
Teachers' aides	10.52	4.6	32.5	10.60	5.1	30.8	10.36	9.4	36.4
Administrative support, n.e.c.	12.41	2.7	35.8	12.40	2.8	35.7	12.52	8.8	37.7
Blue collar	14.63	2.5	38.0	14.66	2.8	38.0	14.39	4.9	38.3
Precision production, craft, and repair									
Automobile mechanics	15.30	11.2	40.3	15.31	11.4	40.3	—	—	—
Bus, truck, and stationary engine mechanics	18.02	2.6	40.0	17.95	2.6	40.0	—	—	—
Automobile body and related repairers	25.79	17.7	42.0	25.79	17.7	42.0	—	—	—
Aircraft mechanics, except engine	21.82	1.2	40.0	21.82	1.2	40.0	—	—	—
Heavy equipment mechanics	19.31	11.9	39.6	22.88	8.2	40.0	13.05	2.9	39.1
Industrial machinery repairers	19.33	2.7	39.9	20.00	3.3	39.9	—	—	—
Machinery maintenance	15.52	7.4	38.6	16.03	8.5	38.8	—	—	—
Electronic repairers, communications and industrial equipment	17.13	8.4	39.9	17.13	8.4	39.9	—	—	—
Household appliance and power tool repairers	12.97	15.5	36.7	12.97	15.5	36.7	—	—	—
Telephone installers and repairers	17.54	8.7	40.0	17.41	9.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.25	8.7	40.0	16.52	9.0	40.0	—	—	—
Mechanical controls and valve repairers	16.95	6.3	36.5	17.26	6.8	36.0	—	—	—
Millwrights	23.34	2.5	40.0	23.13	4.6	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.89	5.3	39.0	15.84	5.5	39.0	—	—	—
Supervisors, carpenters and related workers	23.15	6.1	40.0	23.15	6.1	40.0	—	—	—
Supervisors, electricians and power transmission installers	27.57	3.4	40.4	27.57	3.4	40.4	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	32.14	3.7	40.0	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	21.95	7.1	39.3	21.95	7.1	39.3	—	—	—
Brickmasons and stonemasons	24.16	7.9	39.2	24.16	7.9	39.2	—	—	—
Carpenters	20.33	8.2	40.0	20.60	8.2	40.0	—	—	—
Electricians	22.34	5.1	40.0	22.81	5.2	40.0	—	—	—
Electrician apprentices	14.80	13.5	40.0	14.90	13.9	40.0	—	—	—
Electrical power installers and repairers	25.31	4.4	40.0	25.30	4.8	40.0	—	—	—
Painters, construction and maintenance	20.28	7.4	40.0	21.00	7.4	40.0	—	—	—
Plumbers, pipefitters and steamfitters	23.55	3.4	39.9	23.75	3.3	39.9	—	—	—
Concrete and terrazzo finishers	23.26	9.7	40.0	23.26	9.7	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	20.67	13.8	40.0	20.67	13.8	40.0	—	—	—
Construction trades, n.e.c.	18.59	11.4	39.3	19.14	12.6	39.4	15.95	12.1	39.2
Supervisors, production	20.55	2.9	40.5	20.43	2.4	40.6	—	—	—
Tool and die makers	23.74	3.0	40.3	23.74	3.0	40.3	—	—	—
Tool and die maker apprentices	18.79	13.1	39.6	18.79	13.1	39.6	—	—	—
Precision assemblers, metal	19.88	7.2	40.0	19.88	7.2	40.0	—	—	—
Machinists	18.04	6.2	39.9	18.04	6.2	39.9	—	—	—
Precision grinders, filers, and tool sharpeners	16.83	9.7	40.0	16.83	9.7	40.0	—	—	—
Patternmakers and modelmakers, metal	19.96	11.8	40.0	19.96	11.8	40.0	—	—	—
Sheet metal workers	23.99	7.4	40.0	23.99	7.4	40.0	—	—	—
Cabinet makers and bench carpenters	12.40	16.7	39.7	12.40	16.7	39.7	—	—	—
Electrical and electronic equipment assemblers	10.41	9.0	39.7	10.41	9.0	39.7	—	—	—
Miscellaneous precision workers, n.e.c.	16.89	5.3	40.0	16.89	5.3	40.0	—	—	—

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Butchers and meat cutters	\$10.26	14.9	37.3	\$10.09	15.1	37.1	—	—	—
Bakers	12.17	8.3	34.1	12.17	8.3	34.1	—	—	—
Food batchmakers	12.84	7.4	40.0	12.84	7.4	40.0	—	—	—
Inspectors, testers, and graders	18.22	9.0	40.1	18.22	9.0	40.1	—	—	—
Water and sewer treatment plant operators	17.79	4.6	40.0	17.85	4.8	40.0	—	—	—
Stationary engineers	22.92	5.8	39.6	22.27	6.6	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine set-up operators	13.58	4.0	39.5	13.51	4.4	39.5	\$14.16	7.6	39.8
Lathe and turning machine operators	15.75	4.1	40.0	15.75	4.1	40.0	—	—	—
Milling and planing machine operators	15.11	6.5	40.0	15.27	8.0	40.0	—	—	—
Punching and stamping press operators	13.83	13.8	39.5	13.83	13.8	39.5	—	—	—
Rolling machine operators	12.41	11.5	37.8	12.26	11.2	37.6	—	—	—
Drilling and boring machine operators	14.70	7.9	40.0	14.70	7.9	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.28	6.0	40.0	14.28	6.0	40.0	—	—	—
Forging machine operators	13.62	3.8	38.2	13.21	4.4	37.5	—	—	—
Numerical control machine operators	14.73	5.2	40.0	14.73	5.2	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.84	3.7	40.0	15.39	3.6	40.0	—	—	—
Molding and casting machine operators	15.78	4.9	39.9	15.90	5.0	39.9	—	—	—
Metal plating machine operators	10.75	3.5	39.7	10.49	3.2	39.7	—	—	—
Heat treating equipment operators	13.70	7.8	38.1	13.70	7.8	38.1	—	—	—
Printing press operators	13.92	9.0	40.0	15.00	16.6	40.0	—	—	—
Photoengravers and lithographers	13.42	4.7	39.6	13.66	5.2	39.5	—	—	—
Typesetters and compositors	17.80	6.9	39.1	18.75	6.6	38.7	—	—	—
Textile sewing machine operators	12.61	8.2	39.4	12.61	8.2	39.4	—	—	—
Laundry and dry cleaning machine operators	8.53	5.5	39.4	8.53	5.5	39.4	—	—	—
Packaging and filling machine operators	7.89	3.3	36.5	7.77	3.3	37.0	—	—	—
Extruding and forming machine operators	15.08	8.9	38.8	13.38	4.2	38.4	—	—	—
Mixing and blending machine operators	—	—	—	15.06	14.4	39.7	—	—	—
Separating, filtering, and clarifying machine operators	16.33	4.7	42.4	16.33	4.7	42.4	—	—	—
Compressing and compacting machine operators ..	15.71	7.3	40.1	15.71	7.3	40.1	—	—	—
Painting and paint spraying machine operators	11.75	5.8	40.0	11.71	9.5	40.0	—	—	—
Washing, cleaning, and pickling machine operators	13.03	3.8	39.8	13.03	3.8	39.8	—	—	—
Furnace, kiln, and oven operators, except food	10.83	8.9	40.0	10.83	8.9	40.0	—	—	—
Crushing and grinding machine operators	17.79	7.8	39.9	17.79	7.8	39.9	—	—	—
Slicing and cutting machine operators	13.35	7.7	40.0	13.31	7.9	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	14.80	4.3	40.0	14.05	3.9	40.0	—	—	—
Welders and cutters	13.28	7.1	39.8	12.93	7.4	39.8	—	—	—
Assemblers	15.89	5.3	39.8	15.95	5.3	39.8	—	—	—
Hand molding, casting, and forming	13.81	8.6	39.5	13.83	8.9	39.5	—	—	—
Miscellaneous hand working, n.e.c.	12.23	2.6	40.0	—	—	—	—	—	—
Production inspectors, checkers and examiners	13.28	8.2	39.2	14.39	7.2	38.8	—	—	—
Production testers	14.24	9.0	39.9	13.03	6.4	39.9	—	—	—
Supervisors, motor vehicle operators	12.72	6.7	40.0	12.72	6.7	40.0	—	—	—
Transportation and material moving									
Truck drivers	14.22	3.9	35.9	14.24	4.0	36.1	13.77	8.2	31.5
Driver-sales workers	19.06	8.0	42.2	19.06	8.0	42.2	—	—	—
Bus drivers	14.70	3.5	39.6	14.68	3.8	39.6	15.10	22.4	39.6
Taxicab drivers and chauffeurs	11.33	12.5	29.8	11.33	12.5	29.8	—	—	—
Parking lot attendants	12.66	5.5	27.9	12.60	5.9	28.9	13.42	4.7	19.6
Motor transportation, n.e.c.	7.34	7.8	24.5	7.34	7.8	24.5	—	—	—
Supervisors, material moving equipment	8.19	12.7	33.4	8.19	12.7	33.4	—	—	—
Operating engineers	9.30	11.9	21.8	9.30	11.9	21.8	—	—	—
Crane and tower operators	18.82	5.0	41.8	18.82	5.0	41.8	—	—	—
Excavating and loading machine operators	22.73	2.4	39.6	22.72	2.5	40.0	—	—	—
Grader, dozer, and scraper operators	15.58	11.4	39.2	16.00	11.8	39.2	—	—	—
Industrial truck and tractor equipment operators	16.07	3.0	40.0	16.07	3.0	40.0	—	—	—
	17.12	12.1	40.0	18.32	13.0	40.0	—	—	—
	14.77	4.9	39.0	15.00	5.1	38.9	—	—	—

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Miscellaneous material moving equipment operators, n.e.c.	\$14.31	8.8	37.7	\$14.26	9.1	37.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...									
Supervisors, agriculture-related workers	11.33	2.8	34.2	11.36	3.0	34.1	\$10.99	5.8	35.4
Groundskeepers and gardeners, except farm	20.84	9.9	40.0	20.84	9.9	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	12.76	4.5	37.1	12.67	4.7	37.1	—	—	—
Helpers, mechanics and repairers	14.96	8.7	39.8	14.74	10.8	39.8	—	—	—
Helpers, construction trades	11.14	18.6	39.7	11.14	18.6	39.7	—	—	—
Construction laborers	14.87	6.3	40.0	14.87	6.3	40.0	—	—	—
Production helpers	17.13	12.9	38.0	17.13	12.9	38.0	—	—	—
Stock handlers and baggers	10.04	4.6	39.3	10.04	5.3	39.5	—	—	—
Machine feeders and offbearers	9.72	4.3	29.1	9.60	3.2	28.6	10.39	14.2	32.5
Freight, stock, and material handlers, n.e.c.	9.45	7.8	37.0	9.45	7.9	37.0	—	—	—
Garage and service station related	13.84	5.7	33.0	14.08	5.4	33.2	—	—	—
Vehicle washers and equipment cleaners	9.70	22.9	32.5	9.70	22.9	32.5	—	—	—
Hand packers and packagers	8.99	10.9	34.3	8.99	10.9	34.3	—	—	—
Laborers, except construction, n.e.c.	10.38	3.3	38.2	10.39	3.4	38.2	—	—	—
	10.52	4.2	34.7	10.54	4.4	34.3	10.26	7.5	40.0
Service									
Protective service	9.97	2.3	31.1	9.88	2.5	31.0	10.96	6.0	32.6
Supervisors, firefighters and fire prevention	16.34	3.6	36.4	16.35	4.0	36.2	16.29	7.6	37.6
Supervisors, police and detectives	20.69	4.7	49.6	20.69	4.7	49.6	—	—	—
Supervisors, guards	26.52	9.0	40.1	28.74	5.1	40.1	—	—	—
Fire inspection and fire prevention	17.59	11.4	37.6	15.81	9.2	37.6	—	—	—
Firefighting	22.88	6.7	36.5	—	—	—	—	—	—
Police and detectives, public service	18.30	4.2	46.4	18.46	4.2	46.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	21.45	1.7	38.7	21.84	1.4	38.8	17.07	3.4	37.7
Correctional institution officers	16.14	3.8	39.9	17.67	3.2	40.1	14.46	4.0	39.7
Crossing guards	16.13	4.7	38.5	15.73	2.8	40.0	16.92	9.6	35.8
Guards and police, except public service	8.46	9.2	12.4	8.51	11.8	13.4	—	—	—
Protective service, n.e.c.	9.27	5.2	31.3	9.17	5.2	31.1	—	—	—
Food service	9.76	9.5	26.2	9.76	9.5	26.2	—	—	—
Waiters, waitresses, and bartenders	6.97	3.3	28.4	6.90	3.4	28.3	8.33	6.7	29.8
Bartenders	4.47	6.4	26.5	4.43	7.3	26.7	5.78	25.7	22.9
Waiters and waitresses	6.53	3.9	28.2	6.44	4.3	28.7	—	—	—
Waiters/Waitresses' assistants	3.29	4.9	26.1	3.26	4.8	26.1	—	—	—
Other food service	6.18	7.2	25.5	6.18	7.3	25.7	—	—	—
Supervisors, food preparation and service	8.27	2.3	29.5	8.22	2.6	29.3	9.16	2.6	33.1
Cooks	10.26	5.4	38.0	10.20	5.9	38.1	—	—	—
Kitchen workers, food preparation	9.14	3.2	32.9	9.08	3.4	32.7	9.72	5.4	35.1
Food preparation, n.e.c.	7.71	4.3	27.3	7.69	4.8	26.7	—	—	—
Health service	7.24	2.8	27.4	7.24	2.8	27.5	—	—	—
Health aides, except nursing	9.82	1.4	34.8	9.68	1.2	35.2	10.36	5.1	33.1
Nursing aides, orderlies and attendants	10.71	3.7	34.1	10.77	2.9	35.4	10.48	10.6	30.0
Cleaning and building service	9.59	1.9	34.1	9.37	1.5	34.1	10.33	5.9	34.0
Supervisors, cleaning and building service workers	9.95	3.7	30.1	9.97	4.1	30.0	9.79	5.4	30.9
Maids and housemen	14.39	7.2	40.4	14.75	7.2	40.5	—	—	—
Janitors and cleaners	7.55	3.7	29.6	7.37	3.2	31.9	—	—	—
Personal service	10.10	3.9	29.7	10.10	4.4	29.3	10.12	4.6	34.6
Attendants, amusement, and recreation facilities	10.33	4.4	31.3	10.35	4.4	31.2	8.83	13.5	32.9
Ushers	6.16	5.1	21.9	6.17	5.3	21.7	—	—	—
Public transportation attendants	6.36	3.7	13.8	6.36	3.7	13.8	—	—	—
Baggage porters and bellhops	36.54	6.9	18.0	36.54	6.9	18.0	—	—	—
	6.26	9.7	35.3	6.26	9.7	35.3	—	—	—

See footnotes at end of table.

TABLE 4-7. East North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ December 2000—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service —Continued									
Personal service —Continued									
Welfare service aides	\$7.68	5.4	28.2	\$7.74	5.8	27.7	—	—	—
Early childhood teachers' assistants	7.20	6.6	27.5	7.14	6.6	27.6	—	—	—
Child care workers, n.e.c.	10.48	5.9	24.0	10.40	6.1	24.0	—	—	—
Service, n.e.c.	9.40	3.6	23.3	9.37	3.8	22.9	—	—	—

¹ The East North Central census division consists of Ohio, Indiana, Illinois, Michigan, and Wisconsin. It also includes the Cincinnati, OH Consolidated Metropolitan Statistical Area, which is comprised of parts of Ohio, Kentucky, and Indiana.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was December 2000.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$14.99	3.5	35.4	\$15.46	4.0	35.0	\$12.93	4.0	36.9
All, excluding sales	15.29	3.6	35.9	15.87	4.1	35.7	12.98	4.2	37.0
White collar	17.96	4.4	35.9	18.34	4.8	35.8	15.57	5.4	36.6
White collar, excluding sales	19.44	4.4	37.4	20.03	4.9	37.5	16.13	5.9	36.8
Professional specialty and technical	22.23	2.2	36.4	22.78	2.5	36.4	19.65	3.2	36.7
Professional specialty	23.84	2.4	37.1	24.27	2.7	37.2	21.68	2.2	36.8
Engineers, architects, and surveyors	27.16	9.2	40.4	27.14	9.7	40.4	-	-	-
Civil engineers	32.86	5.7	40.2	33.22	5.7	40.2	-	-	-
Electrical and electronic engineers	28.48	3.8	40.7	28.48	3.8	40.7	-	-	-
Industrial engineers	26.62	2.6	41.7	26.48	2.9	42.0	-	-	-
Mechanical engineers	30.07	3.7	40.1	30.07	3.7	40.1	-	-	-
Engineers, n.e.c.	24.70	17.6	40.0	24.70	17.6	40.0	-	-	-
Mathematical and computer scientists	27.24	3.3	40.5	27.26	3.4	40.5	-	-	-
Computer systems analysts and scientists	27.34	3.6	40.5	27.36	3.6	40.6	-	-	-
Operations and systems researchers and analysts	23.79	6.8	40.0	23.79	6.8	40.0	-	-	-
Natural scientists	19.97	3.5	40.1	19.89	3.2	40.0	-	-	-
Chemists, except biochemists	20.03	16.3	40.0	20.03	16.3	40.0	-	-	-
Physical scientists, n.e.c.	29.71	11.3	40.0	29.71	11.3	40.0	-	-	-
Biological and life scientists	18.95	4.7	40.0	18.95	4.7	40.0	-	-	-
Health related	21.66	2.5	35.4	22.81	3.2	35.4	18.79	3.9	35.5
Physicians	31.08	31.9	40.5	31.08	31.9	40.5	-	-	-
Registered nurses	20.00	2.8	34.6	20.87	2.8	34.2	18.41	4.0	35.3
Pharmacists	31.92	4.2	38.2	31.92	4.2	38.2	-	-	-
Dietitians	14.11	12.0	29.3	14.11	12.0	29.3	-	-	-
Respiratory therapists	18.17	11.8	39.2	18.17	11.8	39.2	-	-	-
Occupational therapists	20.92	7.8	36.5	20.92	7.8	36.5	-	-	-
Physical therapists	25.00	7.3	36.3	26.58	14.6	32.2	-	-	-
Speech therapists	27.72	4.1	35.4	27.72	4.1	35.4	-	-	-
Therapists, n.e.c.	16.93	7.3	40.0	16.93	7.3	40.0	-	-	-
Physicians' assistants	26.02	11.0	40.0	-	-	-	-	-	-
Teachers, college and university	36.03	12.7	36.7	37.50	14.5	36.6	30.58	5.0	37.0
Chemistry teachers	32.50	3.2	40.2	32.50	3.2	40.2	-	-	-
Social science teachers, n.e.c.	31.56	1.2	39.3	-	-	-	-	-	-
Mathematical science teachers	29.86	19.7	39.9	29.93	25.6	39.8	-	-	-
Medical science teachers	29.94	17.3	39.1	29.94	17.3	39.1	-	-	-
Health specialties teachers	25.92	3.5	39.6	25.17	3.9	39.5	-	-	-
Business, commerce, and marketing teachers	40.86	2.4	30.0	40.86	2.4	30.0	-	-	-
Art, drama, and music teachers	37.88	13.1	37.6	37.88	13.1	37.6	-	-	-
Education teachers	24.48	7.7	25.2	22.91	13.1	20.5	-	-	-
English teachers	26.68	7.1	29.9	-	-	-	-	-	-
Theology teachers	38.70	2.8	39.9	38.70	2.8	39.9	-	-	-
Trade and industrial teachers	31.49	2.9	37.2	-	-	-	-	-	-
Other post-secondary teachers	26.68	8.0	33.0	23.87	6.5	31.8	34.24	1.7	36.6
Teachers, except college and university	25.23	2.5	34.7	26.39	2.0	33.8	22.61	4.6	37.0
Prekindergarten and kindergarten	16.41	16.8	29.9	16.02	17.8	29.6	-	-	-
Elementary school teachers	27.78	3.0	36.3	29.35	3.1	35.8	23.73	5.1	37.6
Secondary school teachers	27.12	3.9	36.1	29.44	3.4	35.1	23.63	5.8	37.6
Teachers, special education	25.59	8.0	37.7	26.37	10.8	37.8	23.98	8.1	37.5
Teachers, n.e.c.	22.65	6.5	33.4	22.23	6.0	34.0	-	-	-
Substitute teachers	10.57	7.0	10.4	10.57	7.0	10.4	-	-	-
Vocational and educational counselors	16.40	14.9	37.8	22.01	7.4	34.7	-	-	-
Librarians, archivists, and curators	19.96	15.1	38.4	19.91	18.0	38.3	-	-	-
Librarians	19.96	15.1	38.4	19.91	18.0	38.3	-	-	-
Social scientists and urban planners	24.34	3.1	39.8	24.34	3.3	39.8	-	-	-
Economists	24.46	4.6	40.0	24.46	4.6	40.0	-	-	-
Psychologists	25.06	3.8	39.7	25.29	4.2	39.6	-	-	-
Social, recreation, and religious workers	15.17	3.1	39.2	15.08	3.1	39.2	17.26	4.5	40.0
Social workers	15.14	3.1	39.3	15.04	3.1	39.3	17.26	4.5	40.0
Lawyers and judges	30.65	8.1	41.6	29.88	5.3	42.0	-	-	-
Lawyers	29.32	5.3	41.7	29.88	5.3	42.0	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	18.33	14.1	34.7	18.94	15.3	34.2	-	-	-
Actors and directors	11.86	11.1	36.0	11.86	11.1	36.0	-	-	-

See footnotes at end of table.

TABLE 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001–Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued									
Painters, sculptors, craft artists, and artist printmakers	\$16.16	3.5	39.9	\$16.16	3.5	39.9	–	–	–
Editors and reporters	20.77	5.1	39.7	20.77	5.1	39.7	–	–	–
Public relations specialists	19.27	20.3	40.1	19.27	20.3	40.1	–	–	–
Athletes	15.37	11.4	28.7	–	–	–	–	–	–
Professional, n.e.c.	35.00	16.3	40.3	35.22	16.3	40.3	–	–	–
Technical	16.79	7.3	34.2	17.47	8.3	33.7	\$14.23	5.2	36.4
Clinical laboratory technologists and technicians	12.95	8.0	39.2	12.91	8.6	39.2	–	–	–
Radiological technicians	20.02	10.3	34.9	17.86	5.1	32.7	–	–	–
Licensed practical nurses	12.73	3.0	34.4	12.60	4.5	33.2	12.94	2.8	36.3
Health technologists and technicians, n.e.c.	12.38	6.6	34.4	12.50	6.9	35.7	–	–	–
Electrical and electronic technicians	17.27	3.2	39.9	17.32	4.0	39.9	–	–	–
Engineering technicians, n.e.c.	19.16	4.6	39.7	19.49	5.6	39.6	–	–	–
Drafters	17.78	3.4	39.2	18.14	5.3	38.7	–	–	–
Chemical technicians	18.95	3.4	40.0	–	–	–	–	–	–
Science technicians, n.e.c.	15.73	1.0	40.0	15.73	1.0	40.0	–	–	–
Computer programmers	22.80	5.3	39.8	22.80	5.3	39.8	–	–	–
Legal assistants	18.94	10.8	39.0	18.94	10.8	39.0	–	–	–
Technical and related, n.e.c.	16.94	3.5	33.1	16.94	3.5	33.1	–	–	–
Executive, administrative, and managerial	28.48	12.0	41.3	29.20	12.8	41.4	21.54	13.3	40.5
Executives, administrators, and managers	31.91	16.2	42.2	32.56	17.2	42.3	24.71	7.4	40.9
Administrators and officials, public administration ...	24.88	5.1	40.7	26.32	2.4	40.6	21.18	11.9	41.0
Financial managers	56.55	32.6	42.0	60.40	32.2	42.3	–	–	–
Personnel and labor relations managers	30.81	4.1	42.1	30.81	4.1	42.1	–	–	–
Managers, marketing, advertising, and public relations	38.60	8.7	40.7	40.27	8.6	40.9	–	–	–
Administrators, education and related fields	29.50	14.2	40.1	28.72	15.0	40.1	37.97	9.6	40.4
Managers, medicine and health	29.05	3.2	40.2	29.14	3.8	40.2	–	–	–
Managers, food servicing and lodging establishments	16.98	11.1	44.1	18.28	10.9	43.3	–	–	–
Managers, properties and real estate	17.71	11.9	39.9	17.71	11.9	39.9	–	–	–
Managers, service organizations, n.e.c.	17.46	13.8	40.3	–	–	–	–	–	–
Managers and administrators, n.e.c.	25.71	7.9	43.5	25.70	8.2	43.3	26.02	13.0	45.7
Management related	19.84	6.4	39.3	20.35	6.7	39.2	16.20	6.5	39.8
Accountants and auditors	22.96	11.4	39.7	23.19	11.5	39.7	–	–	–
Underwriters	22.29	15.6	39.7	23.26	18.3	39.6	–	–	–
Other financial officers	14.88	24.5	40.2	14.81	24.7	40.2	–	–	–
Management analysts	22.19	8.5	40.1	22.97	9.2	40.2	–	–	–
Personnel, training, and labor relations specialists ..	17.67	8.7	40.0	20.40	4.4	40.1	–	–	–
Buyers, wholesale and retail trade, except farm products	22.72	7.9	41.3	22.72	7.9	41.3	–	–	–
Purchasing agents and buyers, n.e.c.	20.30	9.8	40.4	22.11	7.0	41.2	–	–	–
Construction inspectors	19.07	6.1	40.0	19.07	6.1	40.0	–	–	–
Inspectors and compliance officers, except construction	21.86	5.5	40.3	21.86	5.5	40.3	–	–	–
Management related, n.e.c.	20.00	5.6	36.4	20.03	5.9	36.2	–	–	–
Sales	12.23	6.0	31.0	12.28	6.5	30.7	11.76	7.0	35.7
Supervisors, sales	15.83	6.8	41.8	15.48	6.4	41.6	–	–	–
Insurance sales	22.37	13.2	40.3	22.40	13.8	40.4	–	–	–
Advertising and related sales	18.62	21.6	40.3	18.62	21.6	40.3	–	–	–
Sales, other business services	12.13	19.1	29.4	13.06	24.0	28.7	–	–	–
Sales representatives, mining, manufacturing, and wholesale	22.46	25.5	39.9	22.46	25.5	39.9	–	–	–
Sales workers, motor vehicles and boats	16.38	19.3	45.8	17.37	24.6	45.5	–	–	–
Sales workers, apparel	9.61	23.1	29.1	9.61	23.1	29.1	–	–	–
Sales workers, hardware and building supplies	12.13	6.8	38.7	12.13	6.8	38.7	–	–	–

See footnotes at end of table.

TABLE 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001–Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar –Continued									
Sales –Continued									
Sales workers, parts	\$11.33	8.7	38.3	\$10.72	9.2	37.3	–	–	–
Sales workers, other commodities	10.37	11.5	27.6	10.01	13.5	26.3	–	–	–
Sales counter clerks	7.34	4.9	28.6	7.30	4.6	28.7	–	–	–
Cashiers	7.61	2.6	25.3	7.65	2.8	25.1	\$7.10	4.3	27.7
Demonstrators, promoters, and models, sales	9.93	10.8	25.9	10.02	10.9	29.6	–	–	–
Sales support, n.e.c.	12.48	9.1	37.2	12.48	12.1	35.1	–	–	–
Administrative support, including clerical									
Supervisors, general office	11.87	3.4	36.8	12.18	3.4	36.9	10.15	7.5	35.8
Supervisors, financial records processing	17.50	8.1	40.6	17.68	8.4	40.6	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	16.52	12.4	41.7	16.64	12.6	41.8	–	–	–
Computer operators	15.70	7.7	39.9	15.70	7.7	39.9	–	–	–
Secretaries	14.09	5.2	39.9	14.31	5.5	39.9	–	–	–
Stenographers	12.98	6.3	38.3	13.24	6.7	38.2	11.15	3.5	38.4
Typists	10.81	11.9	39.3	10.92	12.6	39.3	–	–	–
Interviewers	11.71	5.8	39.8	11.87	6.0	39.8	–	–	–
Hotel clerks	–	–	–	10.36	10.6	29.9	–	–	–
Transportation ticket and reservation agents	7.54	4.6	27.4	7.54	4.6	27.4	–	–	–
Receptionists	–	–	–	10.63	11.7	38.5	–	–	–
Information clerks, n.e.c.	9.59	3.7	33.0	9.93	4.0	33.0	7.95	3.8	32.7
Correspondence clerks	12.81	3.4	34.6	12.46	3.7	33.1	–	–	–
Order clerks	13.21	8.5	40.0	13.21	8.5	40.0	–	–	–
Personnel clerks, except payroll and timekeeping ...	12.32	9.6	38.4	12.61	10.3	38.3	–	–	–
Library clerks	11.45	7.0	38.9	11.45	7.0	38.9	–	–	–
File clerks	9.81	9.5	25.0	10.44	3.9	26.4	–	–	–
Records clerks, n.e.c.	9.60	4.1	38.5	9.60	4.2	38.5	–	–	–
Bookkeepers, accounting and auditing clerks	10.89	5.4	37.7	11.75	5.7	38.0	8.80	6.5	37.0
Payroll and timekeeping clerks	11.48	3.2	38.6	11.65	4.0	38.7	10.56	4.5	38.1
Billing clerks	16.44	7.3	27.5	15.76	10.7	23.1	–	–	–
Office machine operators, n.e.c.	12.66	6.6	37.2	12.72	6.8	37.1	–	–	–
Telephone operators	8.53	9.1	36.2	–	–	–	–	–	–
Mail clerks, except postal service	12.84	10.9	36.5	13.22	10.9	38.8	–	–	–
Messengers	8.99	5.6	38.0	8.99	5.6	38.0	–	–	–
Dispatchers	8.13	7.7	28.3	8.15	7.8	28.8	–	–	–
Production coordinators	14.26	6.4	38.6	15.76	6.3	38.0	–	–	–
Traffic, shipping and receiving clerks	17.52	3.8	39.9	16.63	5.4	39.8	–	–	–
Stock and inventory clerks	11.95	9.8	39.6	12.17	11.0	39.5	–	–	–
Weighers, measurers, checkers, and samplers	10.44	5.2	37.4	10.82	7.2	36.7	9.04	3.6	40.0
Expeditors	13.96	25.2	19.8	14.48	25.8	26.6	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	16.94	5.3	36.8	16.94	5.3	36.8	–	–	–
Insurance adjusters, examiners, and investigators ..	11.67	15.5	36.4	11.67	15.5	36.4	–	–	–
Investigators and adjusters, except insurance	13.59	6.5	38.7	13.54	6.4	38.7	–	–	–
Eligibility clerks, social welfare	11.44	4.0	39.5	11.45	4.1	39.5	–	–	–
Bill and account collectors	13.15	6.9	39.3	12.45	7.7	39.1	–	–	–
General office clerks	13.66	5.1	39.1	13.35	4.8	39.1	–	–	–
Bank tellers	11.43	5.5	36.9	11.80	6.2	36.7	9.81	3.1	37.6
Data entry keyers	8.28	3.6	32.0	8.31	3.8	32.6	7.94	5.4	24.7
Statistical clerks	10.70	4.2	38.8	10.73	4.2	38.9	–	–	–
Teachers' aides	12.68	6.3	39.4	12.68	6.3	39.4	–	–	–
Administrative support, n.e.c.	9.66	5.7	30.3	10.59	6.1	32.7	7.97	4.9	26.8
	11.92	5.9	36.3	12.68	5.7	35.5	8.92	12.6	40.0
Blue collar	13.46	2.8	38.0	13.74	3.0	38.0	12.46	7.3	38.3
Precision production, craft, and repair									
Supervisors, mechanics and repairers	16.87	3.3	39.9	17.30	3.5	39.9	14.79	4.6	40.2
Automobile mechanics	20.07	7.4	41.5	20.37	7.0	40.6	–	–	–
Bus, truck, and stationary engine mechanics	15.91	6.2	40.1	16.68	5.2	40.1	–	–	–
Automobile body and related repairers	13.11	6.7	40.6	12.80	8.6	40.0	–	–	–
Heavy equipment mechanics	17.43	7.7	42.6	–	–	–	–	–	–
	18.97	4.4	40.1	18.30	3.3	40.1	–	–	–

See footnotes at end of table.

TABLE 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Industrial machinery repairers	—	—	—	\$17.70	3.2	39.9	—	—	—
Machinery maintenance	\$17.21	9.3	39.4	18.78	9.3	39.3	—	—	—
Electronic repairers, communications and industrial equipment	18.39	5.5	39.7	19.88	3.5	39.6	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.40	7.7	40.0	16.40	7.7	40.0	—	—	—
Millwrights	21.02	12.8	40.0	21.02	12.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.92	3.6	39.8	16.82	3.3	39.7	—	—	—
Supervisors, construction trades, n.e.c.	19.87	7.1	40.8	19.87	7.1	40.8	—	—	—
Carpenters	17.63	5.9	39.9	17.66	6.0	39.9	—	—	—
Electricians	22.87	11.7	40.0	22.89	11.8	40.0	—	—	—
Electrical power installers and repairers	21.26	1.9	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	20.58	14.2	40.0	20.57	14.4	40.0	—	—	—
Construction trades, n.e.c.	16.35	3.6	40.9	16.50	3.8	41.1	—	—	—
Supervisors, production	20.53	3.4	40.2	20.18	3.6	40.3	—	—	—
Tool and die makers	22.87	3.8	40.0	22.87	3.8	40.0	—	—	—
Machinists	17.72	6.3	40.0	17.72	6.3	40.0	—	—	—
Sheet metal workers	21.28	3.7	39.9	21.28	3.7	39.9	—	—	—
Electrical and electronic equipment assemblers	9.78	5.8	40.0	9.78	5.8	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.84	21.4	40.0	14.84	21.4	40.0	—	—	—
Butchers and meat cutters	—	—	—	11.25	7.0	37.6	—	—	—
Inspectors, testers, and graders	19.89	18.0	40.0	19.59	19.0	40.0	—	—	—
Water and sewer treatment plant operators	14.71	16.6	40.0	14.71	16.6	40.0	—	—	—
Stationary engineers	18.06	5.1	40.0	18.06	5.1	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.90	4.8	38.8	13.44	5.0	38.5	\$12.01	9.9	39.4
Punching and stamping press operators	12.46	5.7	38.9	12.91	7.4	38.4	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.30	9.2	40.0	15.26	11.1	40.0	—	—	—
Numerical control machine operators	16.72	10.8	40.0	16.72	10.8	40.0	—	—	—
Fabricating machine operators, n.e.c.	12.35	5.2	40.0	12.19	7.7	40.0	—	—	—
Molding and casting machine operators	12.33	6.1	39.8	11.91	12.2	39.5	—	—	—
Printing press operators	16.71	6.3	38.8	16.71	6.3	38.8	—	—	—
Laundering and dry cleaning machine operators	7.25	1.4	28.4	7.05	1.8	37.9	—	—	—
Packaging and filling machine operators	12.01	14.7	39.4	15.03	9.5	39.0	—	—	—
Extruding and forming machine operators	11.14	15.0	39.4	13.09	17.7	38.7	—	—	—
Mixing and blending machine operators	14.09	5.5	40.0	14.09	5.5	40.0	—	—	—
Painting and paint spraying machine operators	15.69	7.6	40.0	15.88	8.2	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.01	3.9	40.0	15.01	3.9	40.0	—	—	—
Slicing and cutting machine operators	14.55	11.3	39.9	15.82	7.1	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.38	9.4	39.5	13.25	4.7	39.4	13.48	15.8	39.5
Welders and cutters	13.33	6.6	40.0	12.82	7.1	40.0	—	—	—
Solders and braziers	—	—	—	10.87	8.7	40.0	—	—	—
Assemblers	12.62	7.5	37.1	13.31	9.0	36.4	—	—	—
Miscellaneous hand working, n.e.c.	14.61	3.8	40.0	13.95	9.4	40.0	—	—	—
Production inspectors, checkers and examiners	14.22	6.3	39.4	14.42	6.4	39.4	—	—	—
Production testers	17.51	8.0	40.0	17.51	8.0	40.0	—	—	—
Transportation and material moving	12.68	4.8	37.4	12.51	5.3	37.3	13.88	6.5	38.1
Supervisors, motor vehicle operators	19.83	5.0	41.7	20.42	4.5	41.9	—	—	—
Truck drivers	11.71	5.6	40.3	11.66	5.7	40.2	13.91	4.4	41.4
Driver-sales workers	12.13	18.3	32.0	11.31	19.0	31.2	—	—	—
Bus drivers	12.78	3.9	22.4	12.56	3.7	22.6	14.38	7.3	21.0
Taxicab drivers and chauffeurs	10.16	8.0	32.3	—	—	—	—	—	—
Motor transportation, n.e.c.	7.38	6.3	29.8	7.51	7.6	28.1	—	—	—
Supervisors, material moving equipment	20.75	4.8	42.0	20.75	4.8	42.0	—	—	—
Operating engineers	17.29	3.3	40.0	—	—	—	—	—	—
Excavating and loading machine operators	21.18	4.6	40.0	21.88	2.8	40.0	—	—	—
Grader, dozer, and scraper operators	13.24	5.4	40.0	—	—	—	12.02	4.4	40.0
Industrial truck and tractor equipment operators	13.60	4.1	39.8	13.20	5.5	39.7	—	—	—

See footnotes at end of table.

TABLE 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Miscellaneous material moving equipment operators, n.e.c.	\$18.53	7.3	39.6	\$19.33	6.5	39.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...									
Supervisors, agriculture-related workers	10.27	2.4	35.7	10.34	2.6	35.9	\$9.98	6.1	34.8
Groundskeepers and gardeners, except farm	19.74	4.2	40.0	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	10.84	5.7	31.6	10.74	6.1	31.2	—	—	—
Helpers, construction trades	16.45	5.6	39.5	16.07	6.4	39.4	—	—	—
Construction laborers	9.65	7.6	38.3	9.62	7.7	38.3	—	—	—
Production helpers	13.19	10.3	39.8	13.30	10.7	39.8	—	—	—
Stock handlers and baggers	10.88	6.5	38.7	10.88	6.5	38.7	—	—	—
Machine feeders and offbearers	9.71	5.5	27.3	9.54	4.6	27.1	10.13	18.6	27.9
Freight, stock, and material handlers, n.e.c.	9.20	7.1	39.1	9.93	9.0	38.7	—	—	—
Vehicle washers and equipment cleaners	11.15	5.4	37.4	11.31	5.7	37.6	—	—	—
Hand packers and packagers	9.47	9.6	38.7	10.41	9.0	38.2	—	—	—
Laborers, except construction, n.e.c.	9.07	6.4	37.7	9.83	5.2	36.6	—	—	—
	9.83	4.3	36.6	9.34	5.7	36.9	10.95	8.7	36.0
Service									
Protective service	9.48	4.3	29.8	9.39	5.2	28.3	9.73	4.3	35.2
Supervisors, firefighters and fire prevention	15.56	4.6	37.9	15.76	6.7	36.9	15.14	2.4	40.1
Supervisors, police and detectives	18.94	9.1	49.7	—	—	—	—	—	—
Supervisors, guards	26.08	1.2	40.0	26.08	2.0	40.0	—	—	—
Firefighting	20.35	12.3	40.0	23.27	8.7	40.0	—	—	—
Police and detectives, public service	14.53	4.9	46.0	14.74	6.0	44.9	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	19.24	3.9	39.8	19.38	4.2	39.8	18.61	8.5	40.0
Correctional institution officers	17.76	3.3	38.6	18.39	5.5	37.3	—	—	—
Guards and police, except public service	14.29	6.8	39.3	14.30	7.7	39.1	—	—	—
Protective service, n.e.c.	9.89	12.9	32.9	8.70	17.1	28.4	—	—	—
Food service	8.39	9.3	20.4	8.80	8.6	19.9	—	—	—
Waiters, waitresses, and bartenders	7.74	6.4	27.6	7.07	3.5	25.2	9.30	4.6	35.4
Bartenders	5.37	13.7	23.3	4.80	11.2	22.1	—	—	—
Waiters and waitresses	8.84	10.2	28.6	8.25	15.3	23.6	—	—	—
Waiters/Waitresses' assistants	3.70	8.2	22.4	3.67	8.4	22.5	—	—	—
Other food service	6.36	6.8	18.7	6.34	7.3	18.4	—	—	—
Supervisors, food preparation and service	8.57	4.5	29.5	8.14	3.3	26.9	9.34	4.6	35.4
Cooks	9.75	8.4	35.9	9.78	9.2	36.5	—	—	—
Kitchen workers, food preparation	9.18	6.1	33.1	8.73	6.7	28.4	—	—	—
Food preparation, n.e.c.	7.99	3.6	26.8	8.09	3.6	26.6	—	—	—
Health service	7.61	5.6	24.5	7.11	4.2	23.3	8.65	7.6	27.4
Health aides, except nursing	10.07	10.2	29.4	11.25	10.2	28.1	7.77	4.9	32.3
Nursing aides, orderlies and attendants	9.30	4.3	28.0	9.63	3.8	28.7	—	—	—
Cleaning and building service	8.91	4.2	31.9	9.81	2.8	31.0	7.75	4.7	33.0
Supervisors, cleaning and building service workers	9.82	8.9	31.9	9.74	10.2	31.3	10.44	3.9	38.1
Maids and housemen	13.88	14.4	38.3	14.29	14.7	38.0	—	—	—
Janitors and cleaners	7.30	4.0	28.4	7.30	4.0	28.6	—	—	—
Personal service	9.79	4.3	32.1	9.74	5.2	31.3	10.11	5.6	38.7
Supervisors, personal service	9.06	5.2	30.5	9.38	4.6	29.6	8.17	13.5	33.0
	12.95	10.8	33.4	—	—	—	—	—	—

See footnotes at end of table.

TABLE 4-8. West North Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ March 2001–Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service –Continued									
Personal service –Continued									
Attendants, amusement, and recreation facilities	\$7.10	10.3	34.9	\$8.67	9.2	29.6	–	–	–
Welfare service aides	9.27	9.8	27.5	8.92	10.5	27.9	–	–	–
Early childhood teachers' assistants	8.27	5.6	28.2	8.53	7.1	27.9	–	–	–
Child care workers, n.e.c.	10.77	11.4	29.1	8.93	5.6	25.7	–	–	–
Service, n.e.c.	8.82	3.0	32.6	8.75	2.8	34.8	\$9.15	10.4	24.7

¹ The West North Central census division consists of Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas. It also includes the St. Louis, MO Metropolitan Statistical Area, which is comprised of parts of Missouri and Illinois, and the Minneapolis-St. Paul, MN Metropolitan Statistical Area, which is comprised of parts of Minnesota and Wisconsin.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more

information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was March 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$15.24	2.6	36.5	\$15.46	2.8	36.4	\$13.34	4.8	37.5
All, excluding sales	15.54	2.7	36.8	15.80	2.9	36.7	13.46	4.9	37.7
White collar	18.71	3.0	36.8	18.85	3.1	36.7	17.04	4.4	37.3
White collar, excluding sales	20.06	2.9	37.6	20.26	3.0	37.6	17.76	4.3	38.0
Professional specialty and technical	25.10	3.3	36.7	25.68	3.3	36.5	20.12	4.2	37.8
Professional specialty	26.87	3.3	36.7	27.32	3.4	36.5	22.53	4.3	38.0
Engineers, architects, and surveyors	30.04	2.7	40.2	30.11	2.8	40.2	-	-	-
Architects	25.05	5.5	39.9	25.05	5.5	39.9	-	-	-
Chemical engineers	34.37	5.5	41.0	34.37	5.5	41.0	-	-	-
Civil engineers	29.58	4.1	40.7	29.39	4.3	40.7	-	-	-
Electrical and electronic engineers	32.61	4.1	40.1	32.66	4.1	40.1	-	-	-
Industrial engineers	24.18	8.1	40.3	24.18	8.1	40.3	-	-	-
Mechanical engineers	24.39	8.9	40.7	24.01	11.7	41.0	-	-	-
Engineers, n.e.c.	35.28	3.7	40.0	35.28	3.7	40.0	-	-	-
Mathematical and computer scientists	27.92	2.9	40.1	27.91	2.9	40.1	-	-	-
Computer systems analysts and scientists	28.61	3.2	40.2	28.60	3.2	40.2	-	-	-
Natural scientists	24.46	7.0	39.4	25.27	6.7	39.3	-	-	-
Chemists, except biochemists	27.95	5.7	40.0	27.95	5.7	40.0	-	-	-
Physical scientists, n.e.c.	27.02	15.7	39.9	27.81	15.1	39.9	-	-	-
Agricultural and food scientists	23.04	24.3	38.9	25.38	25.7	38.6	-	-	-
Biological and life scientists	20.02	7.0	39.8	19.68	6.9	39.8	-	-	-
Medical scientists	22.71	6.4	38.2	24.19	2.2	37.7	-	-	-
Health related	25.73	9.0	35.8	26.35	9.9	35.5	20.68	5.8	37.9
Physicians	59.07	6.5	39.5	59.07	6.5	39.5	-	-	-
Registered nurses	21.25	2.4	35.2	21.47	2.8	34.9	19.75	2.9	37.5
Pharmacists	31.24	8.3	34.7	31.33	8.4	34.6	-	-	-
Dietitians	19.28	2.8	39.6	19.28	2.8	39.6	-	-	-
Respiratory therapists	18.38	2.6	34.0	18.77	2.4	32.7	-	-	-
Occupational therapists	22.57	6.8	38.5	20.64	9.1	37.4	-	-	-
Physical therapists	30.06	10.0	33.1	30.06	10.0	33.1	-	-	-
Speech therapists	27.31	8.6	33.4	27.31	8.6	33.4	-	-	-
Therapists, n.e.c.	15.86	6.3	39.3	15.74	8.0	39.1	-	-	-
Teachers, college and university	35.63	4.8	33.5	37.03	5.2	31.2	29.79	7.4	47.5
Biological science teachers	38.23	20.3	36.6	38.23	20.3	36.6	-	-	-
Chemistry teachers	28.03	7.1	50.1	34.40	5.2	38.9	-	-	-
Psychology teachers	34.92	16.5	39.9	34.92	16.5	39.9	-	-	-
Economics teachers	40.51	8.3	49.8	37.30	10.6	34.0	-	-	-
History teachers	31.80	10.8	40.2	31.80	10.8	40.2	-	-	-
Engineering teachers	39.61	7.0	46.7	28.46	18.7	34.6	-	-	-
Mathematical science teachers	38.20	9.7	32.1	39.41	11.3	30.3	-	-	-
Computer science teachers	22.43	18.7	32.8	22.43	18.7	32.8	-	-	-
Health specialties teachers	48.11	15.2	36.9	48.11	15.2	36.9	-	-	-
Business, commerce, and marketing teachers	46.72	13.0	40.2	46.72	13.0	40.2	-	-	-
Art, drama, and music teachers	27.04	5.8	33.6	27.04	5.8	33.6	-	-	-
Education teachers	38.56	12.7	34.7	38.56	12.7	34.7	-	-	-
English teachers	27.11	7.3	29.7	27.11	7.3	29.7	-	-	-
Other post-secondary teachers	35.71	7.7	39.1	37.41	6.9	39.0	-	-	-
Teachers, except college and university	25.15	1.7	36.3	25.63	1.7	36.4	23.06	4.1	35.9
Prekindergarten and kindergarten	21.92	10.9	36.8	20.82	13.0	36.2	-	-	-
Elementary school teachers	25.16	1.9	37.3	25.61	1.8	37.4	23.10	5.1	37.1
Secondary school teachers	27.36	2.3	37.9	28.04	2.0	37.7	23.65	4.7	38.6
Teachers, special education	25.77	3.1	37.1	26.23	2.9	37.1	-	-	-
Teachers, n.e.c.	22.52	3.6	33.4	22.94	5.0	31.5	-	-	-
Substitute teachers	6.71	7.9	10.6	7.69	18.1	11.7	-	-	-
Vocational and educational counselors	25.65	5.8	37.3	24.86	6.9	36.9	-	-	-
Librarians, archivists, and curators	20.94	3.3	38.2	21.05	3.4	38.2	-	-	-
Librarians	20.97	3.4	38.3	21.08	3.5	38.2	-	-	-
Social scientists and urban planners	24.14	9.5	39.3	24.29	10.7	39.4	-	-	-
Economists	29.64	7.4	39.2	29.64	7.4	39.2	-	-	-
Psychologists	26.30	5.2	38.6	26.28	6.8	38.9	-	-	-
Social scientists, n.e.c.	29.22	12.3	38.3	29.22	12.3	38.3	-	-	-
Urban planners	21.77	7.0	39.9	23.92	4.0	39.9	-	-	-
Social, recreation, and religious workers	15.41	2.8	39.1	15.66	3.1	39.0	13.85	1.7	40.0

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Social, recreation, and religious workers—Continued									
Social workers	\$15.49	3.0	39.4	\$15.74	3.2	39.3	\$13.93	1.9	40.0
Recreation workers	13.35	6.2	35.2	13.52	7.2	34.3	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—	—
Judges	42.96	20.8	32.7	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.									
Technical writers	21.04	8.0	31.6	21.18	7.9	31.5	—	—	—
Designers	15.79	11.3	38.9	15.79	11.3	38.9	—	—	—
Actors and directors	16.82	12.4	39.6	16.82	12.4	39.6	—	—	—
Painters, sculptors, craft artists, and artist printmakers	18.93	25.1	30.0	18.93	25.1	30.0	—	—	—
Photographers	16.75	13.0	36.8	16.75	13.0	36.8	—	—	—
Artists, performers, and related workers, n.e.c.	17.86	9.6	40.0	19.44	5.8	39.8	—	—	—
Editors and reporters	23.85	41.0	34.3	23.85	41.0	34.3	—	—	—
Public relations specialists	23.89	8.4	40.1	23.89	8.4	40.1	—	—	—
Technical	25.33	11.9	39.4	26.22	12.0	39.3	—	—	—
Clinical laboratory technologists and technicians	18.17	4.1	36.6	18.88	4.9	36.5	13.99	6.0	37.3
Health record technologists and technicians	14.93	7.8	35.6	14.50	8.6	35.5	19.15	7.2	37.2
Radiological technicians	12.42	12.6	40.0	14.38	7.5	39.9	—	—	—
Licensed practical nurses	18.22	2.4	35.6	18.32	2.5	36.6	—	—	—
Health technologists and technicians, n.e.c.	13.96	2.7	36.6	14.54	2.3	35.5	12.82	5.7	39.3
Electrical and electronic technicians	12.98	4.0	35.6	13.23	5.0	35.8	12.23	5.6	34.9
Mechanical engineering technicians	17.76	14.6	35.9	17.75	14.6	35.8	—	—	—
Engineering technicians, n.e.c.	18.82	12.4	40.0	18.82	12.4	40.0	—	—	—
Drafters	19.27	6.0	39.7	19.17	6.3	39.7	—	—	—
Chemical technicians	17.33	6.1	39.5	17.33	6.1	39.5	—	—	—
Science technicians, n.e.c.	16.65	7.5	40.0	18.23	11.6	40.0	—	—	—
Airplane pilots and navigators	19.31	8.3	40.2	19.31	8.3	40.2	—	—	—
Broadcast equipment operators	109.71	12.0	22.4	109.71	12.0	22.4	—	—	—
Computer programmers	13.98	16.4	33.0	13.98	16.4	33.0	—	—	—
Legal assistants	26.78	3.6	39.8	26.78	3.6	39.8	—	—	—
Technical and related, n.e.c.	14.39	5.7	36.6	14.39	5.7	36.6	—	—	—
Technical and related, n.e.c.	15.40	8.1	36.5	15.39	9.0	37.6	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	26.67	5.6	40.3	26.61	5.9	40.3	27.52	4.1	39.3
Chief executives and general administrators, public administration	29.12	6.8	40.8	29.02	7.3	41.0	30.54	5.9	39.1
Administrators and officials, public administration ...	42.28	6.8	37.7	42.28	6.8	37.7	—	—	—
Financial managers	26.62	4.0	39.6	27.15	4.9	39.6	22.63	8.8	39.9
Purchasing managers	26.46	8.1	40.5	26.53	8.3	40.5	—	—	—
Managers, marketing, advertising, and public relations	26.19	13.5	40.2	28.00	15.4	40.2	—	—	—
Administrators, education and related fields	38.40	5.8	40.7	38.86	6.6	41.0	—	—	—
Managers, medicine and health	32.01	6.8	39.6	31.16	8.5	39.7	35.12	4.1	39.4
Managers, food servicing and lodging establishments	25.83	8.6	40.6	25.86	8.8	40.7	—	—	—
Managers, properties and real estate	15.20	10.2	42.6	15.09	10.2	42.6	—	—	—
Managers, service organizations, n.e.c.	19.53	13.2	40.7	19.69	13.9	40.7	—	—	—
Managers and administrators, n.e.c.	23.55	6.4	40.0	23.48	6.6	40.1	—	—	—
Management related	32.81	10.1	41.8	32.83	10.2	41.8	—	—	—
Accountants and auditors	21.82	3.6	39.2	21.86	3.8	39.2	21.10	8.5	39.7
Underwriters	20.50	5.2	39.1	20.69	5.4	39.1	—	—	—
Other financial officers	22.35	16.5	40.5	22.35	16.5	40.5	—	—	—
Management analysts	27.25	9.5	40.5	26.91	10.7	40.6	30.51	9.2	40.0
Personnel, training, and labor relations specialists ..	25.20	10.3	34.4	25.20	10.3	34.4	—	—	—
Buyers, wholesale and retail trade, except farm products	21.44	3.8	39.8	21.48	3.8	39.8	—	—	—
Purchasing agents and buyers, n.e.c.	21.41	20.0	39.6	21.41	20.0	39.6	—	—	—
Construction inspectors	17.61	9.1	40.0	17.42	11.4	40.0	—	—	—
Construction inspectors	19.10	4.1	39.9	19.10	4.1	39.9	—	—	—

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Executive, administrative, and managerial —Continued									
Management related—Continued									
Inspectors and compliance officers, except construction	\$19.09	4.9	40.7	\$19.32	5.2	40.7	—	—	—
Management related, n.e.c.	21.51	4.8	39.8	21.41	4.9	39.9	—	—	—
Sales									
Sales	12.28	3.9	33.3	12.38	4.0	33.4	\$9.80	6.6	31.6
Supervisors, sales	15.27	7.0	41.6	15.43	7.3	41.7	12.58	6.6	40.0
Insurance sales	17.77	10.1	39.7	17.77	10.1	39.7	—	—	—
Real estate sales	16.96	14.6	36.9	16.96	14.6	36.9	—	—	—
Securities and financial services sales	24.87	21.0	39.6	24.87	21.0	39.6	—	—	—
Advertising and related sales	23.24	8.9	38.8	23.27	9.0	38.8	—	—	—
Sales, other business services	16.58	13.2	38.6	16.58	13.8	38.5	—	—	—
Sales engineers	29.83	13.2	41.5	29.83	13.2	41.5	—	—	—
Sales representatives, mining, manufacturing, and wholesale	23.06	12.0	39.9	23.12	12.2	39.9	—	—	—
Sales workers, motor vehicles and boats	15.40	5.0	46.4	15.40	5.0	46.4	—	—	—
Sales workers, apparel	9.48	13.9	24.1	9.48	13.9	24.1	—	—	—
Sales workers, furniture and home furnishings	10.78	13.4	38.0	10.78	13.4	38.0	—	—	—
Sales workers, hardware and building supplies	12.83	9.0	38.8	13.36	8.8	38.8	—	—	—
Sales workers, parts	13.13	16.2	38.3	13.13	16.2	38.3	—	—	—
Sales workers, other commodities	11.01	14.6	32.1	11.03	14.6	32.1	—	—	—
Sales counter clerks	7.08	6.7	31.8	7.08	6.7	31.8	—	—	—
Cashiers	6.94	2.6	26.9	6.93	2.7	27.1	7.04	3.3	24.9
Demonstrators, promoters, and models, sales	12.62	19.2	29.6	12.62	19.2	29.6	—	—	—
Sales support, n.e.c.	13.91	13.2	37.5	13.91	13.2	37.5	—	—	—
Administrative support, including clerical									
Supervisors, general office	16.80	4.5	39.9	16.92	4.7	39.9	—	—	—
Supervisors, computer equipment operators	23.95	2.2	40.4	23.92	6.5	41.2	—	—	—
Supervisors, financial records processing	17.53	5.4	40.2	17.53	5.4	40.2	—	—	—
Chief communications operators	20.05	11.4	40.0	20.05	11.4	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.75	8.1	40.4	17.65	8.6	40.4	—	—	—
Computer operators	13.22	4.3	39.5	13.29	4.5	39.9	—	—	—
Peripheral equipment operators	12.53	10.9	40.0	12.53	10.9	40.0	—	—	—
Secretaries	15.65	9.7	38.1	15.79	9.8	38.1	12.71	7.6	38.1
Stenographers	12.36	4.9	39.8	13.09	6.3	39.7	—	—	—
Typists	12.12	5.7	39.6	12.12	5.7	39.6	—	—	—
Interviewers	10.17	6.7	30.8	10.68	8.0	28.9	8.38	3.4	40.0
Hotel clerks	9.32	8.0	36.7	9.42	8.2	36.6	—	—	—
Transportation ticket and reservation agents	14.38	7.9	37.0	14.38	7.9	37.0	—	—	—
Receptionists	8.76	4.3	33.3	8.77	4.4	33.1	8.21	10.4	39.8
Information clerks, n.e.c.	14.26	12.6	38.8	14.26	12.6	38.8	—	—	—
Correspondence clerks	11.12	3.2	37.8	11.12	3.2	37.8	—	—	—
Order clerks	13.44	3.1	37.9	13.33	3.2	37.8	—	—	—
Personnel clerks, except payroll and timekeeping	13.73	4.4	39.4	13.99	5.2	39.0	—	—	—
Library clerks	10.31	3.1	31.5	10.35	3.3	30.8	10.20	7.2	33.6
File clerks	8.35	3.1	34.1	8.40	3.5	34.3	—	—	—
Records clerks, n.e.c.	11.64	4.4	37.7	11.60	4.5	37.7	—	—	—
Bookkeepers, accounting and auditing clerks	11.45	5.1	36.5	11.45	5.4	36.3	11.46	4.2	40.0
Payroll and timekeeping clerks	12.40	7.7	35.9	12.37	8.4	35.7	—	—	—
Billing clerks	9.55	4.6	39.9	9.56	4.7	39.9	—	—	—
Billing, posting, and calculating machine operators	10.97	3.5	36.6	10.97	3.5	36.6	—	—	—
Duplicating machine operators	9.34	2.8	40.0	9.34	2.8	40.0	—	—	—
Telephone operators	11.37	8.4	35.2	11.85	8.2	38.2	—	—	—
Communications equipment operators, n.e.c.	11.92	4.3	35.1	—	—	—	—	—	—
Mail clerks, except postal service	10.41	3.9	35.2	10.41	3.9	35.2	—	—	—
Messengers	9.56	5.1	35.4	9.60	5.1	35.4	—	—	—
Dispatchers	12.53	8.6	40.6	12.04	8.1	40.0	—	—	—
Production coordinators	14.41	13.9	38.7	14.72	14.2	38.6	—	—	—
Traffic, shipping and receiving clerks	10.34	6.4	39.0	10.56	6.8	38.9	—	—	—

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Stock and inventory clerks	\$11.74	2.6	38.3	\$11.70	2.6	38.2	—	—	—
Meter readers	12.02	5.3	40.0	12.03	6.6	39.9	—	—	—
Weighers, measurers, checkers, and samplers	13.39	8.7	40.0	13.39	8.7	40.0	—	—	—
Expeditors	13.25	8.7	37.8	13.25	8.7	37.8	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	12.00	7.5	35.0	12.02	6.4	37.5	—	—	—
Insurance adjusters, examiners, and investigators ..	18.96	6.8	39.3	18.96	6.8	39.3	—	—	—
Investigators and adjusters, except insurance	13.68	6.3	38.7	13.70	6.4	38.7	—	—	—
Eligibility clerks, social welfare	13.94	3.9	39.1	14.34	3.5	38.9	—	—	—
Bill and account collectors	11.51	4.2	38.4	11.51	4.2	38.4	—	—	—
General office clerks	11.11	1.8	37.9	11.16	2.0	37.8	\$10.63	1.8	39.4
Bank tellers	9.36	2.5	36.0	9.38	2.5	36.0	—	—	—
Data entry keyers	10.12	4.5	32.1	10.03	4.7	31.8	—	—	—
Statistical clerks	11.40	8.4	39.9	12.36	5.8	39.8	—	—	—
Teachers' aides	9.47	2.7	35.5	9.67	2.3	34.0	9.20	5.6	37.6
Administrative support, n.e.c.	12.28	4.4	37.5	12.57	4.3	37.8	9.39	7.5	35.3
Blue collar	12.81	2.3	38.4	12.92	1.8	38.4	12.13	11.2	38.7
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.18	8.7	40.5	23.51	8.6	40.6	—	—	—
Automobile mechanics	16.40	7.3	41.4	16.62	7.5	41.4	—	—	—
Bus, truck, and stationary engine mechanics	14.15	6.1	39.9	14.25	6.2	39.9	—	—	—
Automobile body and related repairers	27.67	8.7	40.1	27.67	8.7	40.1	—	—	—
Aircraft mechanics, except engine	22.29	10.1	40.0	22.29	10.1	40.0	—	—	—
Heavy equipment mechanics	13.41	4.3	40.0	13.88	3.6	40.0	—	—	—
Industrial machinery repairers	18.09	4.8	39.9	16.72	4.4	39.8	19.64	4.2	40.0
Machinery maintenance	14.61	6.6	39.9	13.36	8.6	39.8	—	—	—
Electronic repairers, communications and industrial equipment	18.95	6.1	36.6	18.92	6.3	36.5	—	—	—
Data processing equipment repairers	19.52	9.0	40.0	19.52	9.0	40.0	—	—	—
Telephone line installers and repairers	19.79	4.6	40.0	20.23	5.5	40.0	16.32	20.2	40.0
Heating, air conditioning, and refrigeration mechanics	13.93	6.5	40.0	13.96	6.7	40.0	—	—	—
Mechanical controls and valve repairers	17.47	8.6	40.0	16.86	9.6	40.0	—	—	—
Millwrights	18.98	12.6	40.0	18.98	12.6	40.0	—	—	—
Mechanics and repairers, n.e.c.	14.74	4.5	39.2	14.99	4.6	39.1	12.66	10.2	40.0
Supervisors, carpenters and related workers	18.70	12.1	40.0	18.70	12.1	40.0	—	—	—
Supervisors, electricians and power transmission installers	22.41	6.8	42.0	22.41	6.8	42.0	—	—	—
Supervisors, construction trades, n.e.c.	18.05	3.2	40.1	18.22	3.4	40.1	—	—	—
Carpenters	14.74	6.2	40.0	14.81	6.4	40.0	—	—	—
Drywall installers	13.40	3.5	40.0	13.40	3.5	40.0	—	—	—
Electricians	15.57	8.2	40.0	15.23	9.1	40.0	—	—	—
Electrician apprentices	12.36	6.3	40.0	12.36	6.3	40.0	—	—	—
Electrical power installers and repairers	19.78	4.9	40.0	20.34	5.9	40.0	—	—	—
Painters, construction and maintenance	12.04	4.0	40.0	12.02	4.0	40.0	—	—	—
Plumbers, pipefitters and steamfitters	16.74	6.9	40.0	16.78	7.1	40.0	—	—	—
Insulation workers	11.85	9.6	40.0	11.85	9.6	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	11.85	5.3	40.0	10.73	3.6	40.0	—	—	—
Sheetmetal duct installers	14.85	7.5	40.0	14.85	7.5	40.0	—	—	—
Construction trades, n.e.c.	12.66	8.1	40.0	14.06	9.8	39.9	10.84	9.9	40.0
Supervisors, production	17.60	6.8	40.5	19.45	3.7	40.7	14.21	16.1	40.0
Tool and die makers	16.89	8.9	40.0	18.52	4.9	40.0	—	—	—
Precision assemblers, metal	18.24	6.9	40.0	18.24	6.9	40.0	—	—	—
Machinists	18.17	5.1	39.9	18.82	2.9	39.9	—	—	—
Sheet metal workers	13.42	5.7	40.0	13.42	5.7	40.0	—	—	—
Furniture and wood finishers	12.91	4.9	40.0	12.91	4.9	40.0	—	—	—
Upholsterers	15.41	11.5	40.0	15.41	11.5	40.0	—	—	—
Electrical and electronic equipment assemblers	11.16	5.9	39.3	10.82	6.9	39.1	—	—	—

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Miscellaneous precision workers, n.e.c.	\$17.86	6.4	39.9	\$17.86	6.4	39.9	—	—	—
Butchers and meat cutters	9.17	7.8	41.3	9.94	8.6	42.2	—	—	—
Bakers	9.85	4.0	37.8	9.85	4.0	37.8	—	—	—
Food batchmakers	11.10	6.3	40.0	11.10	6.3	40.0	—	—	—
Inspectors, testers, and graders	15.84	6.8	40.3	15.84	6.8	40.3	—	—	—
Water and sewer treatment plant operators	14.71	2.6	39.9	14.94	2.3	39.9	—	—	—
Power plant operators	19.32	10.6	40.0	19.32	10.6	40.0	—	—	—
Stationary engineers	19.77	4.5	39.9	19.77	4.5	39.9	—	—	—
Miscellaneous plant and system operators, n.e.c.	18.13	6.6	39.0	18.13	6.6	39.0	—	—	—
Machine operators, assemblers, and inspectors	11.91	3.9	39.7	12.06	3.6	39.7	\$11.30	13.4	39.9
Lathe and turning machine set-up operators	—	—	—	15.05	6.1	40.0	—	—	—
Lathe and turning machine operators	10.58	8.4	40.0	10.58	8.4	40.0	—	—	—
Punching and stamping press operators	12.12	9.9	40.0	12.12	9.9	40.0	—	—	—
Drilling and boring machine operators	12.81	10.8	39.6	12.81	10.8	39.6	—	—	—
Grinding, abrading, buffing, and polishing machine operators	11.40	4.7	40.0	11.52	5.2	40.0	—	—	—
Numerical control machine operators	13.38	7.0	39.9	13.38	7.0	39.9	—	—	—
Fabricating machine operators, n.e.c.	12.03	5.8	39.9	12.03	5.8	39.9	—	—	—
Molding and casting machine operators	13.90	17.0	39.9	14.66	15.6	39.9	—	—	—
Sawing machine operators	12.08	11.9	37.7	12.08	11.9	37.7	—	—	—
Shaping and jointing machine operators	11.17	4.9	40.0	11.17	4.9	40.0	—	—	—
Printing press operators	16.04	3.8	39.3	16.04	3.8	39.3	—	—	—
Photoengravers and lithographers	15.35	6.8	39.6	15.35	6.8	39.6	—	—	—
Typesetters and compositors	13.67	7.9	37.6	13.84	7.9	39.6	—	—	—
Winding and twisting machine operators	—	—	—	10.26	4.1	39.9	—	—	—
Knitting, looping, taping, and weaving machine operators	11.01	2.8	39.9	11.01	2.8	39.9	—	—	—
Textile cutting machine operators	10.87	3.3	39.9	11.01	2.4	39.9	—	—	—
Textile sewing machine operators	9.96	7.4	39.4	10.10	6.8	39.4	—	—	—
Pressing machine operators	8.52	5.7	39.9	8.52	5.8	39.9	—	—	—
Laundering and dry cleaning machine operators	7.03	4.5	39.0	7.03	4.9	39.0	—	—	—
Cementing and gluing machine operators	—	—	—	10.34	13.7	40.0	—	—	—
Packaging and filling machine operators	12.14	10.6	39.5	14.03	10.2	39.1	—	—	—
Extruding and forming machine operators	13.06	3.9	40.0	13.06	3.9	40.0	—	—	—
Mixing and blending machine operators	13.84	9.8	39.7	13.90	10.0	39.7	—	—	—
Separating, filtering, and clarifying machine operators	17.25	6.2	39.6	17.25	6.2	39.6	—	—	—
Compressing and compacting machine operators ..	10.30	6.3	40.0	10.30	6.3	40.0	—	—	—
Painting and paint spraying machine operators	18.64	29.7	40.2	18.71	30.0	40.2	—	—	—
Furnace, kiln, and oven operators, except food	15.41	10.4	40.1	15.41	10.4	40.1	—	—	—
Crushing and grinding machine operators	13.77	5.0	39.6	13.77	5.0	39.6	—	—	—
Slicing and cutting machine operators	11.98	2.9	40.0	12.04	3.0	40.0	—	—	—
Photographic process machine operators	12.05	9.7	37.8	12.05	9.7	37.8	—	—	—
Miscellaneous machine operators, n.e.c.	13.04	5.8	39.7	12.66	5.3	39.7	16.25	19.3	40.0
Welders and cutters	14.66	6.5	40.0	14.97	6.6	40.0	—	—	—
Solders and braziers	10.70	4.8	40.0	10.70	4.8	40.0	—	—	—
Assemblers	10.48	5.4	39.9	11.70	5.3	39.8	—	—	—
Hand cutting and trimming	11.95	2.3	40.0	11.95	2.3	40.0	—	—	—
Miscellaneous hand working, n.e.c.	11.82	7.9	39.4	11.12	4.8	39.5	—	—	—
Production inspectors, checkers and examiners	10.55	7.5	40.0	10.60	7.8	40.0	—	—	—
Production testers	12.67	7.4	39.8	13.12	6.6	39.8	—	—	—
Graders and sorters, except agricultural	7.99	10.0	39.8	7.99	10.0	39.8	—	—	—
Hand inspectors, n.e.c.	9.35	9.6	40.1	9.35	9.6	40.1	—	—	—
Transportation and material moving	12.40	3.0	37.3	12.47	3.2	37.3	11.85	9.4	36.9
Supervisors, motor vehicle operators	17.49	5.9	40.4	17.37	6.3	40.8	—	—	—
Truck drivers	12.53	3.8	39.8	12.52	4.1	39.5	12.81	13.8	45.9
Driver-sales workers	12.47	9.6	37.2	12.46	9.8	37.1	—	—	—
Bus drivers	12.33	3.8	28.4	12.87	2.8	29.9	9.57	8.6	22.8
Taxicab drivers and chauffeurs	7.92	5.7	32.6	8.10	5.1	32.3	—	—	—

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Parking lot attendants	\$7.03	1.9	32.6	\$7.03	1.9	32.6	—	—	—
Motor transportation, n.e.c.	7.21	12.4	27.2	7.20	12.5	27.1	—	—	—
Supervisors, material moving equipment	16.70	11.8	40.0	16.70	11.8	40.0	—	—	—
Operating engineers	15.68	6.4	40.0	16.34	6.6	40.0	—	—	—
Crane and tower operators	17.45	12.4	40.0	18.75	16.8	40.0	—	—	—
Excavating and loading machine operators	13.02	7.3	40.0	13.49	8.0	40.0	—	—	—
Grader, dozer, and scraper operators	11.84	5.4	39.9	11.87	6.5	39.9	—	—	—
Industrial truck and tractor equipment operators	11.38	5.5	39.9	11.52	4.8	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.45	9.0	39.0	14.73	9.2	38.9	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...	9.69	2.4	35.9	9.70	1.5	35.9	\$9.64	13.6	36.3
Supervisors, agriculture-related workers	18.62	12.3	39.7	18.73	12.7	39.7	—	—	—
Groundskeepers and gardeners, except farm	9.24	5.9	38.5	9.35	7.2	38.2	8.78	1.6	40.0
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.10	5.9	39.5	18.13	6.2	39.5	—	—	—
Helpers, mechanics and repairers	9.76	6.1	40.0	9.73	6.4	40.0	—	—	—
Helpers, construction trades	10.81	5.5	40.0	10.87	5.7	40.0	—	—	—
Construction laborers	9.23	3.4	40.0	9.22	3.5	40.0	—	—	—
Production helpers	11.27	5.2	39.8	10.65	4.5	39.8	—	—	—
Garbage collectors	10.42	7.3	40.0	10.62	7.9	40.0	—	—	—
Stock handlers and baggers	8.80	3.7	30.1	8.59	2.9	30.2	9.99	13.2	29.8
Machine feeders and offbearers	10.17	4.3	39.8	10.17	4.3	39.8	—	—	—
Freight, stock, and material handlers, n.e.c.	10.39	3.6	33.5	10.47	3.6	33.5	8.10	6.8	34.6
Garage and service station related	10.26	10.1	40.0	10.26	10.1	40.0	—	—	—
Vehicle washers and equipment cleaners	8.84	4.6	40.1	8.84	4.6	40.1	—	—	—
Hand packers and packagers	8.54	2.8	36.8	8.65	3.7	35.6	8.26	6.6	40.0
Laborers, except construction, n.e.c.	9.39	4.7	38.0	9.30	2.8	38.1	10.14	35.5	37.6
Service	8.95	2.0	32.9	8.91	1.9	32.5	9.22	8.6	35.3
Protective service	13.45	2.1	37.8	13.68	2.5	37.4	12.55	1.9	39.6
Supervisors, firefighters and fire prevention	21.82	5.6	48.3	21.82	5.6	48.3	—	—	—
Supervisors, police and detectives	23.55	5.6	40.3	24.79	5.8	40.2	—	—	—
Supervisors, guards	12.97	8.8	36.7	12.97	8.8	36.7	—	—	—
Firefighting	13.92	4.0	47.6	13.99	4.2	47.7	—	—	—
Police and detectives, public service	17.97	2.9	40.2	18.28	2.8	40.2	13.84	11.9	40.2
Sheriffs, bailiffs, and other law enforcement officers	14.62	3.1	39.9	15.45	3.8	39.7	12.18	7.5	40.5
Correctional institution officers	13.18	2.4	40.0	14.16	3.0	40.1	12.59	1.0	40.0
Crossing guards	9.43	7.1	20.7	9.43	7.1	20.7	—	—	—
Guards and police, except public service	8.82	4.0	32.8	8.83	4.0	33.0	—	—	—
Protective service, n.e.c.	12.06	12.9	34.4	11.98	14.2	34.0	—	—	—
Food service	6.62	3.2	30.3	6.55	3.7	30.1	7.16	5.3	31.4
Waiters, waitresses, and bartenders	3.84	4.7	29.2	3.81	4.8	29.1	4.50	4.9	32.7
Bartenders	4.59	7.7	30.4	4.49	7.7	30.4	—	—	—
Waiters and waitresses	3.19	5.2	28.3	3.18	5.4	28.3	—	—	—
Waiters/Waitresses' assistants	5.97	5.8	32.8	6.14	6.2	32.0	—	—	—
Other food service	7.78	2.2	30.7	7.81	2.4	30.6	7.58	6.2	31.3
Supervisors, food preparation and service	11.13	4.2	40.6	11.19	4.8	40.9	—	—	—
Cooks	8.01	5.9	35.2	8.03	6.5	35.0	7.87	4.9	37.1
Kitchen workers, food preparation	7.62	3.2	29.0	7.55	3.5	28.5	7.98	5.6	32.5
Food preparation, n.e.c.	7.14	2.2	27.6	7.12	2.2	27.4	7.31	6.6	29.1
Health service	9.02	2.6	34.4	9.24	2.7	34.2	7.82	5.4	35.8
Health aides, except nursing	9.76	4.6	33.7	9.82	4.8	33.4	8.84	10.4	39.7
Nursing aides, orderlies and attendants	8.49	2.6	34.9	8.73	2.6	34.8	7.63	7.5	35.2
Cleaning and building service	8.62	2.2	34.6	8.62	2.5	34.2	8.60	3.6	38.5
Supervisors, cleaning and building service workers	12.77	3.9	39.5	12.56	4.3	39.4	—	—	—
Maids and housemen	7.58	2.6	37.8	7.65	2.9	37.8	7.01	3.3	37.6
Janitors and cleaners	8.64	2.9	33.0	8.64	3.3	32.5	8.57	3.3	38.7
Personal service	9.49	5.2	30.5	9.55	5.5	30.5	8.41	9.1	29.9
Supervisors, personal service	14.19	7.6	35.7	14.19	7.6	35.7	—	—	—

See footnotes at end of table.

TABLE 4-9. South Atlantic census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ February 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service —Continued									
Personal service—Continued									
Hairdressers and cosmetologists	\$10.16	5.2	27.1	\$10.16	5.2	27.1	—	—	—
Attendants, amusement, and recreation facilities	7.02	3.5	24.2	7.06	3.6	27.1	—	—	—
Guides	8.87	6.6	32.9	8.87	6.6	32.9	—	—	—
Public transportation attendants	32.10	8.7	20.8	32.10	8.7	20.8	—	—	—
Baggage porters and bellhops	5.77	4.8	34.0	5.77	4.8	34.0	—	—	—
Welfare service aides	8.75	7.8	29.7	8.67	8.2	29.2	—	—	—
Early childhood teachers' assistants	7.24	9.2	33.0	6.95	7.0	32.5	—	—	—
Child care workers, n.e.c.	7.95	1.4	28.8	7.95	1.4	28.7	—	—	—
Service, n.e.c.	9.26	15.0	36.2	9.48	16.0	36.6	\$6.89	12.1	32.9

¹ The South Atlantic census division consists of Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was February 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$15.07	3.5	36.9	\$15.12	3.8	36.9	\$14.45	3.1	36.8
All, excluding sales	15.40	3.2	37.3	15.47	3.6	37.3	14.54	3.0	37.0
White collar	18.72	3.6	37.3	18.71	3.9	37.3	18.92	4.8	36.9
White collar, excluding sales	20.38	2.8	38.3	20.48	3.1	38.4	19.23	4.5	37.3
Professional specialty and technical	25.91	3.9	37.7	26.43	4.3	37.9	21.83	3.1	36.5
Professional specialty	28.70	4.4	37.5	29.38	4.8	37.7	23.83	3.7	36.3
Engineers, architects, and surveyors	37.63	11.1	41.3	38.22	11.7	41.4	31.35	14.1	40.0
Aerospace engineers	26.03	9.2	40.0	26.03	9.2	40.0	—	—	—
Petroleum engineers	37.42	6.5	40.0	37.46	9.7	40.0	—	—	—
Chemical engineers	35.92	8.0	40.7	35.92	8.0	40.7	—	—	—
Civil engineers	32.26	6.1	41.3	32.16	6.5	41.4	—	—	—
Electrical and electronic engineers	33.06	9.5	41.3	35.14	5.6	41.5	—	—	—
Industrial engineers	28.55	6.6	41.5	28.55	6.6	41.5	—	—	—
Mechanical engineers	32.27	5.7	40.7	32.27	5.7	40.7	—	—	—
Engineers, n.e.c.	45.40	18.3	41.9	45.75	18.6	41.9	—	—	—
Mathematical and computer scientists	35.51	12.8	37.1	35.51	12.8	37.1	—	—	—
Computer systems analysts and scientists	36.01	13.0	37.0	36.01	13.0	37.0	—	—	—
Operations and systems researchers and analysts	24.29	5.0	42.4	24.29	5.0	42.4	—	—	—
Natural scientists	25.52	8.7	39.9	25.62	8.7	39.9	—	—	—
Geologists and geodesists	39.69	5.8	40.0	39.69	5.8	40.0	—	—	—
Physical scientists, n.e.c.	20.91	4.9	40.0	—	—	—	—	—	—
Biological and life scientists	25.17	14.8	40.0	25.17	14.8	40.0	—	—	—
Medical scientists	17.62	13.6	39.7	17.62	13.6	39.7	—	—	—
Health related	28.64	13.8	36.1	29.59	14.1	36.1	19.52	2.5	35.9
Physicians	57.78	11.2	40.4	57.78	11.2	40.4	—	—	—
Registered nurses	21.38	1.1	35.8	21.76	1.0	35.8	19.27	3.4	35.7
Pharmacists	32.67	2.3	28.8	32.67	2.3	28.8	—	—	—
Respiratory therapists	17.49	2.9	34.4	17.30	3.0	34.0	—	—	—
Occupational therapists	17.14	23.2	29.7	17.14	23.2	29.7	—	—	—
Physical therapists	19.30	13.5	37.1	19.30	13.5	37.1	—	—	—
Speech therapists	24.94	1.0	38.7	25.08	1.0	38.8	—	—	—
Teachers, college and university	32.64	4.7	35.0	33.50	4.8	34.4	26.48	6.9	40.0
Mathematical science teachers	26.28	9.9	37.8	26.42	11.7	37.4	—	—	—
Medical science teachers	46.88	13.7	37.1	46.88	13.7	37.1	—	—	—
Health specialties teachers	30.93	15.3	36.5	30.93	15.3	36.5	—	—	—
Business, commerce, and marketing teachers	31.16	10.2	37.8	31.16	10.2	37.8	—	—	—
English teachers	27.15	7.5	27.5	—	—	—	—	—	—
Trade and industrial teachers	21.93	14.5	36.1	19.35	18.3	33.7	—	—	—
Other post-secondary teachers	33.26	7.6	34.6	33.72	8.4	34.1	—	—	—
Teachers, except college and university	25.59	2.2	37.4	25.85	2.1	38.0	24.77	6.3	35.3
Prekindergarten and kindergarten	22.79	14.8	35.7	21.92	16.8	35.8	—	—	—
Elementary school teachers	25.65	2.0	38.4	26.01	1.6	38.7	24.39	6.4	37.2
Secondary school teachers	26.40	2.2	38.5	27.09	.8	39.1	25.11	5.6	37.6
Teachers, special education	26.02	3.5	38.2	25.30	3.3	38.7	—	—	—
Teachers, n.e.c.	23.94	6.4	34.1	24.55	5.4	37.4	—	—	—
Substitute teachers	7.62	4.4	14.1	7.98	2.7	17.7	—	—	—
Vocational and educational counselors	27.12	5.7	37.8	27.02	5.8	37.9	—	—	—
Librarians, archivists, and curators	18.90	8.0	38.9	19.69	6.9	38.8	—	—	—
Librarians	18.19	10.2	38.7	19.10	9.8	38.6	—	—	—
Social scientists and urban planners	24.80	6.5	35.5	24.80	6.5	35.5	—	—	—
Economists	21.24	9.2	40.0	21.24	9.2	40.0	—	—	—
Psychologists	28.30	6.1	30.4	28.30	6.1	30.4	—	—	—
Urban planners	24.90	10.8	40.0	24.90	10.8	40.0	—	—	—
Social, recreation, and religious workers	14.01	2.1	39.4	14.22	2.1	39.3	12.46	3.3	40.0
Social workers	14.21	1.9	39.6	14.37	1.9	39.5	12.93	6.3	40.0
Recreation workers	12.04	10.3	37.1	13.15	14.2	35.3	—	—	—
Lawyers and judges	36.33	8.6	34.9	35.86	8.7	34.8	—	—	—
Lawyers	35.89	9.0	34.9	35.89	9.0	34.9	—	—	—
Judges	42.63	11.4	36.1	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	26.23	14.6	37.5	26.43	14.6	37.5	—	—	—
Technical writers	23.13	6.8	41.4	23.13	6.8	41.4	—	—	—
Designers	21.15	14.2	39.8	21.15	14.2	39.8	—	—	—

See footnotes at end of table.

TABLE 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Editors and reporters	\$17.28	11.7	40.2	\$17.28	11.7	40.2	—	—	—
Public relations specialists	25.14	9.9	36.4	25.14	9.9	36.4	—	—	—
Announcers	69.74	46.3	24.8	69.74	46.3	24.8	—	—	—
Professional, n.e.c.	29.28	9.5	39.3	29.28	9.5	39.3	—	—	—
Technical	18.11	6.1	38.3	18.51	6.5	38.4	\$13.87	1.9	37.5
Clinical laboratory technologists and technicians	15.17	4.1	38.7	15.04	4.5	38.5	—	—	—
Radiological technicians	17.55	4.2	39.7	18.51	5.4	39.6	—	—	—
Licensed practical nurses	14.09	1.4	38.1	14.39	1.6	38.7	12.69	5.2	35.3
Health technologists and technicians, n.e.c.	17.24	15.9	39.1	17.60	17.3	39.0	—	—	—
Electrical and electronic technicians	19.34	7.8	39.8	19.51	8.1	39.8	—	—	—
Mechanical engineering technicians	18.71	14.4	38.3	18.71	14.4	38.3	—	—	—
Engineering technicians, n.e.c.	19.41	8.9	40.0	19.65	8.8	40.0	—	—	—
Drafters	23.00	6.9	39.8	23.40	6.7	40.0	—	—	—
Chemical technicians	21.60	7.9	40.0	21.60	7.9	40.0	—	—	—
Science technicians, n.e.c.	18.62	27.7	40.0	18.62	27.7	40.0	—	—	—
Airplane pilots and navigators	81.14	27.5	24.7	81.14	27.5	24.7	—	—	—
Broadcast equipment operators	8.07	8.6	39.1	8.07	8.6	39.1	—	—	—
Computer programmers	19.37	9.3	40.1	19.37	9.3	40.1	—	—	—
Legal assistants	16.30	5.8	39.8	16.30	5.8	39.8	—	—	—
Technical and related, n.e.c.	16.74	7.4	40.0	16.74	7.4	40.0	—	—	—
Executive, administrative, and managerial	26.67	2.7	40.8	26.62	2.8	40.9	27.80	12.9	37.6
Executives, administrators, and managers	31.03	4.1	41.3	30.91	4.4	41.6	33.19	9.0	36.3
Legislators	5.11	41.2	18.8	—	—	—	—	—	—
Administrators and officials, public administration ...	24.24	8.0	40.4	25.00	7.7	40.5	—	—	—
Financial managers	27.98	9.9	40.4	28.09	10.0	40.4	—	—	—
Personnel and labor relations managers	35.95	10.3	39.4	33.65	12.6	40.0	—	—	—
Purchasing managers	31.76	8.5	40.2	31.76	8.5	40.2	—	—	—
Managers, marketing, advertising, and public relations	35.46	8.2	40.7	35.46	8.2	40.7	—	—	—
Administrators, education and related fields	32.64	3.4	39.6	32.74	4.3	40.1	32.35	4.6	37.9
Managers, medicine and health	28.08	8.2	39.6	28.21	8.4	39.6	—	—	—
Managers, food servicing and lodging establishments	—	—	—	—	—	—	—	—	—
Managers, properties and real estate	29.51	13.0	39.4	29.51	13.0	39.4	—	—	—
Managers, service organizations, n.e.c.	18.10	8.7	39.6	—	—	—	—	—	—
Managers and administrators, n.e.c.	33.72	6.5	42.8	33.60	6.6	42.8	38.04	24.1	40.8
Management related	20.99	3.3	40.1	21.05	3.4	40.1	19.70	12.9	39.6
Accountants and auditors	22.47	5.4	39.9	22.47	5.4	39.9	—	—	—
Underwriters	21.21	11.3	39.6	21.21	11.3	39.6	—	—	—
Other financial officers	22.43	6.7	41.1	22.14	6.3	41.1	—	—	—
Management analysts	31.60	7.9	40.3	31.60	7.9	40.3	—	—	—
Personnel, training, and labor relations specialists ..	19.16	9.4	40.0	19.16	9.4	40.0	—	—	—
Buyers, wholesale and retail trade, except farm products	25.09	26.6	40.0	25.09	26.6	40.0	—	—	—
Purchasing agents and buyers, n.e.c.	21.03	7.2	40.5	21.03	7.2	40.5	—	—	—
Construction inspectors	17.91	2.1	40.0	18.30	1.5	40.0	—	—	—
Inspectors and compliance officers, except construction	22.99	5.6	40.1	22.99	5.6	40.1	—	—	—
Management related, n.e.c.	20.21	8.9	39.8	20.31	9.2	39.9	—	—	—
Sales	12.34	7.2	33.7	12.37	7.3	33.8	8.23	9.7	26.8
Supervisors, sales	16.58	13.4	41.3	16.60	13.4	41.3	—	—	—
Insurance sales	24.58	31.3	39.9	24.58	31.3	39.9	—	—	—
Securities and financial services sales	16.45	8.8	39.4	16.45	8.8	39.4	—	—	—
Advertising and related sales	20.10	12.9	39.7	20.10	12.9	39.7	—	—	—
Sales, other business services	18.76	9.3	39.9	18.76	9.3	39.9	—	—	—

See footnotes at end of table.

TABLE 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Sales —Continued									
Sales representatives, mining, manufacturing, and wholesale	\$23.81	9.1	42.0	\$23.81	9.1	42.0	—	—	—
Sales workers, motor vehicles and boats	15.23	8.6	47.1	15.23	8.6	47.1	—	—	—
Sales workers, apparel	7.67	4.3	25.4	7.67	4.3	25.4	—	—	—
Sales workers, shoes	9.97	2.0	28.3	9.97	2.0	28.3	—	—	—
Sales workers, furniture and home furnishings	15.37	25.1	33.8	15.37	25.1	33.8	—	—	—
Sales workers, hardware and building supplies	11.97	10.3	46.0	11.97	10.3	46.0	—	—	—
Sales workers, parts	9.06	17.5	35.5	9.06	17.5	35.5	—	—	—
Sales workers, other commodities	10.70	22.3	32.1	10.71	22.4	32.1	—	—	—
Sales counter clerks	7.99	9.2	31.2	7.99	9.2	31.6	—	—	—
Cashiers	6.85	3.1	29.0	6.82	3.1	29.1	\$7.80	12.7	27.3
Sales support, n.e.c.	11.04	11.0	35.8	11.04	11.0	35.8	—	—	—
Administrative support, including clerical									
Supervisors, general office	11.91	2.7	37.9	11.97	2.9	37.8	10.92	3.4	38.8
Supervisors, financial records processing	16.41	4.3	40.3	16.36	4.5	40.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.43	12.3	40.2	17.43	12.3	40.2	—	—	—
Computer operators	21.21	7.0	40.6	21.21	7.0	40.6	—	—	—
Secretaries	14.27	6.3	38.7	14.27	6.3	38.7	—	—	—
Typists	12.97	5.2	38.6	13.05	6.0	38.6	12.20	6.2	39.5
Interviewers	10.92	4.3	36.4	10.88	4.7	36.1	—	—	—
Hotel clerks	9.91	8.9	29.1	9.86	9.6	28.4	—	—	—
Transportation ticket and reservation agents	8.22	2.0	36.9	8.22	2.0	36.9	—	—	—
Receptionists	12.91	7.2	38.5	12.91	7.2	38.5	—	—	—
Information clerks, n.e.c.	9.00	2.9	35.9	9.02	3.0	36.0	—	—	—
Correspondence clerks	10.34	3.3	39.3	10.34	3.3	39.3	—	—	—
Order clerks	12.56	2.9	40.0	12.56	2.9	40.0	—	—	—
Personnel clerks, except payroll and timekeeping ...	11.80	7.3	35.8	11.85	7.6	35.7	—	—	—
Library clerks	13.56	7.2	39.2	13.56	7.2	39.2	—	—	—
File clerks	9.31	3.4	34.2	10.11	2.6	33.2	—	—	—
Records clerks, n.e.c.	8.74	6.8	38.9	8.74	6.8	38.9	—	—	—
Bookkeepers, accounting and auditing clerks	11.07	7.0	39.0	11.38	8.0	38.9	9.40	7.1	39.4
Payroll and timekeeping clerks	11.17	3.2	38.9	11.15	3.3	38.9	11.41	6.0	37.6
Billing clerks	13.21	10.5	40.0	13.21	10.5	40.0	—	—	—
Billing, posting, and calculating machine operators	11.58	10.3	40.0	11.77	11.3	39.9	—	—	—
Duplicating machine operators	9.25	7.5	33.9	—	—	—	—	—	—
Telephone operators	8.48	5.5	35.6	8.48	5.5	35.6	—	—	—
Mail clerks, except postal service	9.28	9.5	36.2	9.28	9.5	36.2	—	—	—
Messengers	9.22	10.6	37.5	9.22	10.6	37.5	—	—	—
Dispatchers	8.05	5.6	28.9	8.05	5.6	28.9	—	—	—
Production coordinators	12.47	3.6	40.0	13.11	3.6	40.0	—	—	—
Traffic, shipping and receiving clerks	17.23	6.5	40.0	17.23	6.5	40.0	—	—	—
Stock and inventory clerks	12.18	7.0	39.8	12.18	7.0	39.8	—	—	—
Meter readers	10.02	5.3	35.2	10.12	5.9	34.8	—	—	—
Weighers, measurers, checkers, and samplers	10.85	11.3	39.7	10.85	11.3	39.7	—	—	—
Expeditors	12.76	9.2	40.0	12.76	9.2	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	15.96	9.5	40.0	15.96	9.5	40.0	—	—	—
Insurance adjusters, examiners, and investigators ..	14.61	30.3	39.9	14.61	30.3	39.9	—	—	—
Investigators and adjusters, except insurance	17.70	10.9	37.7	17.70	10.9	37.7	—	—	—
Eligibility clerks, social welfare	14.41	5.1	38.8	14.41	5.1	38.8	—	—	—
Bill and account collectors	10.09	5.9	39.3	10.09	5.9	39.3	—	—	—
General office clerks	13.12	5.8	39.7	13.47	5.6	39.6	—	—	—
Bank tellers	10.69	2.6	35.6	10.64	2.6	35.5	11.98	13.5	40.0
Data entry keyers	9.17	5.3	35.5	9.21	5.6	35.4	—	—	—
Statistical clerks	10.01	6.5	38.5	10.04	6.6	38.5	—	—	—
Teachers' aides	11.68	14.9	39.4	8.58	6.7	38.9	—	—	—
Administrative support, n.e.c.	9.45	2.2	38.6	9.51	2.5	38.6	9.10	5.0	38.1
Blue collar	10.77	3.8	38.6	10.81	4.0	38.5	10.05	8.0	40.0
Blue collar	12.52	2.0	38.6	12.59	2.1	38.6	11.53	3.0	39.2

See footnotes at end of table.

TABLE 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Precision production, craft, and repair	\$15.47	2.7	39.7	\$15.68	2.7	39.7	\$12.13	6.1	40.0
Supervisors, mechanics and repairers	20.65	7.7	41.8	20.64	7.8	41.9	—	—	—
Automobile mechanics	15.61	7.0	40.6	15.66	7.2	40.6	—	—	—
Bus, truck, and stationary engine mechanics	14.11	13.9	40.0	14.20	14.4	40.0	—	—	—
Aircraft engine mechanics	17.53	8.2	40.0	17.53	8.2	40.0	—	—	—
Automobile body and related repairers	12.60	9.6	40.4	12.60	9.6	40.4	—	—	—
Aircraft mechanics, except engine	22.50	4.5	40.0	22.50	4.5	40.0	—	—	—
Heavy equipment mechanics	13.49	7.2	40.0	13.54	7.6	40.0	—	—	—
Industrial machinery repairers	18.60	12.6	40.0	20.18	6.8	40.0	—	—	—
Machinery maintenance	10.81	4.1	40.0	11.87	6.4	40.0	—	—	—
Electronic repairers, communications and industrial equipment	17.19	7.6	39.0	17.19	7.6	39.0	—	—	—
Telephone line installers and repairers	19.87	6.3	40.0	19.87	6.3	40.0	—	—	—
Telephone installers and repairers	18.51	7.8	40.0	18.60	8.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	14.95	5.3	40.0	14.95	5.3	40.0	—	—	—
Mechanics and repairers, n.e.c.	13.74	7.0	39.9	13.66	6.9	39.9	—	—	—
Supervisors, carpenters and related workers	18.39	3.6	40.6	18.39	3.6	40.6	—	—	—
Supervisors, electricians and power transmission installers	21.43	7.9	40.0	22.06	7.1	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	17.26	11.2	40.0	17.26	11.2	40.0	—	—	—
Supervisors, construction trades, n.e.c.	21.53	16.7	40.2	21.58	17.0	40.2	—	—	—
Carpenters	11.66	7.4	39.8	11.52	8.0	39.7	—	—	—
Electricians	17.03	9.1	40.0	16.72	9.6	40.0	—	—	—
Electrician apprentices	11.10	5.7	40.0	11.10	5.7	40.0	—	—	—
Painters, construction and maintenance	10.88	5.3	38.5	10.88	5.3	38.5	—	—	—
Plumbers, pipefitters and steamfitters	15.04	7.7	40.0	15.35	7.6	40.0	—	—	—
Concrete and terrazzo finishers	11.14	9.4	38.1	10.80	8.3	37.8	—	—	—
Construction trades, n.e.c.	12.33	3.4	39.6	12.38	3.5	39.5	—	—	—
Supervisors, extractive	19.53	27.0	40.1	—	—	—	—	—	—
Supervisors, production	20.32	5.0	40.1	20.32	5.0	40.1	—	—	—
Precision assemblers, metal	17.99	4.9	40.0	17.99	4.9	40.0	—	—	—
Sheet metal workers	14.57	9.1	40.0	14.57	9.1	40.0	—	—	—
Electrical and electronic equipment assemblers	9.58	6.1	40.0	9.47	7.9	40.0	—	—	—
Butchers and meat cutters	10.00	2.5	33.9	9.98	2.5	33.8	—	—	—
Food batchmakers	10.27	8.5	34.6	10.27	8.5	34.6	—	—	—
Inspectors, testers, and graders	14.82	10.3	41.9	14.82	10.3	41.9	—	—	—
Water and sewer treatment plant operators	13.11	9.2	39.5	13.11	9.2	39.5	—	—	—
Stationary engineers	14.89	6.1	40.0	14.89	6.1	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	23.55	2.4	39.9	23.74	2.4	39.9	—	—	—
Machine operators, assemblers, and inspectors	10.58	5.7	39.0	10.59	6.0	39.0	10.49	7.1	39.7
Lathe and turning machine operators	12.67	8.6	40.0	12.67	8.6	40.0	—	—	—
Punching and stamping press operators	10.59	11.7	40.0	10.59	11.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	10.75	8.7	40.0	10.06	13.7	40.0	—	—	—
Numerical control machine operators	14.54	10.0	39.7	14.54	10.0	39.7	—	—	—
Fabricating machine operators, n.e.c.	13.31	11.4	40.0	13.31	11.4	40.0	—	—	—
Molding and casting machine operators	12.43	15.7	39.7	12.43	15.7	39.7	—	—	—
Printing press operators	10.76	12.2	39.8	10.76	12.2	39.8	—	—	—
Textile sewing machine operators	7.84	6.9	39.7	7.84	6.9	39.7	—	—	—
Pressing machine operators	6.75	5.8	34.4	6.75	5.8	34.4	—	—	—
Laundering and dry cleaning machine operators	6.53	6.1	39.8	6.57	6.8	39.9	—	—	—
Packaging and filling machine operators	10.38	9.7	39.6	10.38	9.7	39.6	—	—	—
Mixing and blending machine operators	9.48	23.9	40.0	9.48	23.9	40.0	—	—	—
Separating, filtering, and clarifying machine operators	14.40	6.6	40.0	14.40	6.6	40.0	—	—	—
Painting and paint spraying machine operators	13.34	14.4	40.0	13.34	14.4	40.0	—	—	—
Slicing and cutting machine operators	10.71	13.0	40.0	10.71	13.0	40.0	—	—	—
Photographic process machine operators	9.41	20.7	29.9	9.52	21.2	29.9	—	—	—
Miscellaneous machine operators, n.e.c.	11.32	4.1	39.9	11.46	4.8	39.9	—	—	—
Welders and cutters	13.07	3.1	38.9	13.03	3.2	38.9	—	—	—

See footnotes at end of table.

TABLE 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Assemblers	\$9.89	16.4	39.3	\$9.89	16.4	39.3	—	—	—
Miscellaneous hand working, n.e.c.	10.38	6.9	36.3	9.96	8.0	35.4	—	—	—
Production inspectors, checkers and examiners	11.46	3.6	40.0	11.28	4.2	40.0	—	—	—
Production testers	10.36	16.2	39.9	14.04	9.7	39.7	—	—	—
Transportation and material moving	12.35	3.9	39.3	12.47	4.3	39.3	\$11.19	2.6	39.4
Supervisors, motor vehicle operators	13.30	5.2	43.9	14.07	7.6	47.7	—	—	—
Truck drivers	11.43	3.6	40.5	11.53	3.9	40.6	10.52	3.6	40.0
Driver-sales workers	12.35	8.8	37.1	12.35	8.8	37.1	—	—	—
Bus drivers	11.38	4.8	31.4	11.41	5.0	31.7	—	—	—
Taxicab drivers and chauffeurs	7.10	4.7	30.7	7.10	4.7	30.7	—	—	—
Motor transportation, n.e.c.	7.66	7.9	33.5	7.66	7.9	33.5	—	—	—
Operating engineers	13.18	7.8	40.0	13.82	7.8	40.0	—	—	—
Crane and tower operators	16.70	8.1	40.0	16.70	8.1	40.0	—	—	—
Excavating and loading machine operators	11.79	5.2	40.0	11.79	5.2	40.0	—	—	—
Grader, dozer, and scraper operators	12.22	1.7	40.0	12.54	3.5	40.0	12.04	1.9	40.0
Industrial truck and tractor equipment operators	11.90	8.8	39.8	11.90	8.8	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.91	13.6	39.6	18.02	13.5	39.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...	9.11	4.9	36.0	8.93	4.0	35.9	11.68	21.4	37.4
Supervisors, agriculture-related workers	13.59	20.0	39.5	13.59	20.0	39.5	—	—	—
Groundskeepers and gardeners, except farm	9.54	7.3	39.0	8.91	7.7	38.6	—	—	—
Animal caretakers, except farm	8.07	7.6	38.2	8.07	7.6	38.2	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	13.23	13.8	39.3	13.23	13.8	39.3	—	—	—
Helpers, mechanics and repairers	9.72	6.6	40.0	9.84	8.1	40.0	—	—	—
Helpers, construction trades	8.44	4.4	39.8	8.44	4.4	39.8	—	—	—
Construction laborers	8.07	5.3	39.9	8.17	5.6	39.9	—	—	—
Production helpers	8.45	5.7	40.0	8.45	5.8	40.0	—	—	—
Garbage collectors	9.42	5.6	36.6	9.42	5.6	36.6	—	—	—
Stock handlers and baggers	8.01	3.2	30.5	8.11	3.4	30.7	6.17	8.0	26.8
Machine feeders and offbearers	10.06	10.5	40.0	10.19	10.8	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	11.04	16.0	35.1	10.19	13.1	34.7	—	—	—
Garage and service station related	8.95	11.3	37.4	8.95	11.3	37.4	—	—	—
Vehicle washers and equipment cleaners	8.58	5.9	35.6	8.58	5.9	35.6	—	—	—
Hand packers and packagers	7.79	8.2	34.4	7.83	8.8	34.2	—	—	—
Laborers, except construction, n.e.c.	8.94	3.9	37.0	8.84	4.1	36.8	10.58	11.9	40.0
Service	8.11	3.5	33.0	8.08	3.8	32.9	8.45	4.2	33.9
Protective service	13.14	5.2	39.3	13.40	5.6	39.3	10.60	11.1	38.7
Supervisors, firefighters and fire prevention	20.72	12.5	48.5	20.72	12.5	48.5	—	—	—
Supervisors, police and detectives	19.39	8.8	40.1	21.32	6.9	40.2	—	—	—
Supervisors, guards	14.19	5.9	40.0	14.19	5.9	40.0	—	—	—
Firefighting	14.45	7.0	48.8	14.98	6.5	51.5	—	—	—
Police and detectives, public service	18.05	5.1	40.0	18.31	5.3	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	14.02	6.4	39.7	15.72	6.6	39.5	—	—	—
Correctional institution officers	11.22	3.8	39.9	11.60	3.4	39.8	—	—	—
Crossing guards	7.22	16.1	16.6	7.22	16.1	16.6	—	—	—
Guards and police, except public service	9.23	6.0	35.9	9.25	6.1	35.8	—	—	—
Protective service, n.e.c.	9.54	9.5	36.2	9.54	9.5	36.2	—	—	—
Food service	6.09	2.3	31.9	6.00	2.1	31.9	8.21	12.0	31.6
Waiters, waitresses, and bartenders	3.65	5.3	31.1	3.61	5.5	31.0	—	—	—
Bartenders	5.56	9.1	33.9	5.56	9.1	33.9	—	—	—
Waiters and waitresses	3.08	6.1	30.4	3.08	6.1	30.4	—	—	—
Waiters'/Waitresses' assistants	5.01	11.7	32.7	4.88	12.1	32.3	—	—	—
Other food service	7.04	3.4	32.3	6.97	3.1	32.3	8.32	13.1	30.9
Supervisors, food preparation and service	10.68	6.7	37.0	10.23	6.0	36.5	—	—	—
Cooks	7.17	5.3	36.2	7.12	5.3	36.1	—	—	—

See footnotes at end of table.

TABLE 4-10. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service—Continued									
Food service—Continued									
Other food service—Continued									
Kitchen workers, food preparation	\$6.40	3.9	31.8	\$6.39	3.9	31.9	—	—	—
Food preparation, n.e.c.	6.55	2.3	29.9	6.57	2.4	30.3	\$6.34	6.8	26.5
Health service	8.40	2.6	32.7	8.63	2.7	33.2	7.42	5.8	30.8
Health aides, except nursing	9.10	4.1	36.1	9.06	4.2	35.8	—	—	—
Nursing aides, orderlies and attendants	7.93	4.1	33.0	8.27	4.7	34.5	7.04	4.2	29.6
Cleaning and building service	7.61	2.1	34.6	7.42	1.8	33.9	8.77	6.5	39.5
Supervisors, cleaning and building service workers	11.84	3.8	39.5	11.70	4.8	39.3	—	—	—
Maids and housemen	6.30	2.8	36.4	6.31	3.0	36.1	—	—	—
Janitors and cleaners	7.54	3.9	33.5	7.34	3.8	32.7	8.82	10.1	39.4
Personal service	8.08	8.6	28.7	8.11	9.2	28.6	7.71	8.7	29.4
Supervisors, personal service	11.09	19.1	39.6	11.09	19.1	39.6	—	—	—
Attendants, amusement, and recreation facilities	7.84	5.7	32.5	7.41	5.3	33.0	—	—	—
Public transportation attendants	32.62	14.3	21.9	33.08	14.4	21.9	—	—	—
Baggage porters and bellhops	5.48	5.9	39.6	5.48	5.9	39.6	—	—	—
Welfare service aides	5.77	2.6	22.1	5.70	1.8	21.7	—	—	—
Early childhood teachers' assistants	6.55	7.4	32.6	6.36	7.6	32.7	—	—	—
Child care workers, n.e.c.	6.27	8.3	34.3	6.27	8.3	34.3	—	—	—
Service, n.e.c.	7.61	3.1	28.3	7.63	3.2	28.5	—	—	—

¹ The West South Central census division consists of Arkansas, Louisiana, Oklahoma, and Texas.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area or Consolidated Metropolitan Statistical Area as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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. Overall occupational groups and occupational levels may include data for categories not shown separately. N.E.C. means "not elsewhere classified."

TABLE 4-11. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$14.70	3.6	35.7	\$14.41	3.9	35.6	\$17.56	3.4	36.9
All, excluding sales	14.83	4.1	35.8	14.50	4.4	35.7	17.84	2.6	36.9
White collar	17.64	3.0	36.2	17.31	3.0	36.1	20.74	8.2	36.9
White collar, excluding sales	18.57	2.7	36.5	18.21	2.7	36.4	21.50	6.5	37.0
Professional specialty and technical	24.12	4.4	36.8	23.68	4.8	36.9	26.49	6.9	36.0
Professional specialty	26.39	4.9	36.7	25.86	5.4	36.6	28.96	7.5	37.2
Engineers, architects, and surveyors	29.71	3.5	40.2	30.19	3.7	40.3	-	-	-
Civil engineers	27.97	3.4	39.8	28.18	4.1	39.8	-	-	-
Electrical and electronic engineers	30.32	11.7	40.0	29.73	12.2	40.0	-	-	-
Mechanical engineers	25.30	7.0	41.4	25.30	7.0	41.4	-	-	-
Engineers, n.e.c.	28.63	6.4	40.2	30.77	5.5	40.2	-	-	-
Mathematical and computer scientists	23.02	15.6	40.9	23.08	16.0	41.0	-	-	-
Computer systems analysts and scientists	22.95	16.8	41.0	23.02	17.2	41.0	-	-	-
Operations and systems researchers and analysts	23.82	7.8	40.0	23.82	7.8	40.0	-	-	-
Natural scientists	28.03	10.0	39.4	29.50	11.7	39.2	-	-	-
Chemists, except biochemists	20.71	9.3	40.5	20.71	9.3	40.5	-	-	-
Geologists and geodesists	33.50	16.0	40.0	-	-	-	-	-	-
Biological and life scientists	36.02	14.6	38.2	38.87	11.5	37.9	-	-	-
Medical scientists	20.08	6.1	37.3	20.08	6.1	37.3	-	-	-
Health related	27.20	7.9	35.9	25.48	7.4	36.2	38.08	15.9	34.5
Registered nurses	22.19	4.6	34.9	19.96	5.1	35.2	-	-	-
Pharmacists	35.82	5.2	36.2	35.66	6.2	35.6	-	-	-
Respiratory therapists	17.01	4.4	31.6	17.01	4.4	31.6	-	-	-
Occupational therapists	24.33	4.1	33.5	24.33	4.1	33.5	-	-	-
Physical therapists	27.31	9.1	30.9	27.31	9.1	30.9	-	-	-
Teachers, college and university	37.24	12.8	35.8	38.29	14.0	35.6	-	-	-
Health specialties teachers	54.47	25.1	30.2	54.47	25.1	30.2	-	-	-
Business, commerce, and marketing teachers	31.18	1.9	39.2	30.93	1.1	39.2	-	-	-
Other post-secondary teachers	33.71	9.9	39.4	36.40	5.3	39.6	-	-	-
Teachers, except college and university	24.30	4.2	35.3	23.48	4.4	34.5	25.91	5.7	37.0
Prekindergarten and kindergarten	19.01	25.1	34.5	-	-	-	-	-	-
Elementary school teachers	26.21	3.8	36.3	26.35	3.9	35.9	26.00	7.7	37.0
Secondary school teachers	26.76	2.5	37.8	27.41	3.2	37.4	25.74	5.2	38.3
Teachers, special education	20.60	17.0	38.3	-	-	-	-	-	-
Teachers, n.e.c.	18.97	5.1	29.5	18.97	5.1	29.5	-	-	-
Substitute teachers	11.01	6.5	20.2	11.06	7.3	20.5	-	-	-
Vocational and educational counselors	26.37	8.9	37.4	24.99	15.1	35.7	-	-	-
Librarians, archivists, and curators	17.81	18.8	39.5	22.33	8.1	39.2	-	-	-
Librarians	17.81	18.8	39.5	22.33	8.1	39.2	-	-	-
Social scientists and urban planners	24.14	8.4	36.6	23.69	13.3	34.8	-	-	-
Psychologists	23.12	7.5	35.0	20.46	7.9	31.3	-	-	-
Social, recreation, and religious workers	15.79	7.1	37.7	15.74	7.6	37.4	16.28	6.9	40.0
Social workers	15.70	7.5	37.7	15.62	8.0	37.4	16.28	6.9	40.0
Recreation workers	17.28	9.1	37.5	17.28	9.1	37.5	-	-	-
Lawyers and judges	37.99	21.5	46.5	31.56	15.3	48.6	-	-	-
Lawyers	31.55	15.3	49.2	31.55	15.3	49.2	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.28	10.8	29.2	23.42	10.9	29.2	-	-	-
Designers	18.28	23.0	40.0	18.28	23.0	40.0	-	-	-
Public relations specialists	40.92	15.8	39.2	40.92	15.8	39.2	-	-	-
Professional, n.e.c.	26.49	1.5	40.0	26.49	1.5	40.0	-	-	-
Technical	18.23	6.3	37.0	18.42	7.1	37.7	16.76	3.7	32.2
Radiological technicians	18.45	7.6	35.4	18.45	7.6	35.4	-	-	-
Licensed practical nurses	15.00	5.0	37.0	15.11	3.8	37.0	-	-	-
Health technologists and technicians, n.e.c.	13.22	11.5	27.4	13.57	13.3	36.2	-	-	-
Electrical and electronic technicians	14.68	18.0	39.2	14.68	18.0	39.2	-	-	-
Engineering technicians, n.e.c.	19.27	6.1	40.0	20.28	6.6	40.0	-	-	-
Drafters	20.81	4.8	40.0	21.41	3.5	40.0	-	-	-
Surveying and mapping technicians	20.51	7.7	40.0	20.51	7.7	40.0	-	-	-
Biological technicians	16.48	3.4	40.0	16.48	3.4	40.0	-	-	-
Chemical technicians	19.32	7.2	40.0	19.32	7.2	40.0	-	-	-
Computer programmers	24.99	7.4	40.1	24.99	7.4	40.1	-	-	-
Legal assistants	17.77	10.9	39.6	18.25	11.9	39.6	-	-	-

See footnotes at end of table.

TABLE 4-11. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Technical and related, n.e.c.	\$19.79	3.7	40.2	\$19.71	6.8	40.3	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	24.94	2.5	40.7	24.93	2.5	40.9	\$25.06	8.0	39.3
Administrators and officials, public administration ...	26.04	3.6	41.1	26.10	3.5	41.3	25.62	10.6	40.0
Administrators and officials, public administration ...	26.98	5.8	40.6	30.57	7.2	41.3	23.53	13.3	40.0
Financial managers	27.22	10.7	41.1	27.10	12.5	41.3	—	—	—
Personnel and labor relations managers	37.54	8.0	40.1	37.54	8.0	40.1	—	—	—
Managers, marketing, advertising, and public relations	31.40	9.0	43.9	31.40	9.1	44.0	—	—	—
Administrators, education and related fields	30.12	18.1	30.1	—	—	—	—	—	—
Managers, medicine and health	24.97	24.4	39.7	37.48	17.8	38.4	—	—	—
Managers, food servicing and lodging establishments	14.83	11.7	44.5	14.83	11.7	44.5	—	—	—
Managers, properties and real estate	17.36	13.9	41.0	17.36	13.9	41.0	—	—	—
Managers, service organizations, n.e.c.	21.70	7.3	46.2	21.95	7.6	46.6	—	—	—
Managers and administrators, n.e.c.	27.18	9.0	41.7	27.33	9.2	41.7	—	—	—
Management related	22.28	2.6	39.7	22.29	2.5	39.9	22.14	9.1	35.9
Accountants and auditors	19.54	7.5	40.9	19.54	7.5	40.9	—	—	—
Other financial officers	25.36	9.5	40.5	25.55	9.4	40.5	—	—	—
Management analysts	20.84	15.3	39.8	20.84	15.3	39.8	—	—	—
Personnel, training, and labor relations specialists ..	19.13	7.7	40.2	19.13	7.7	40.2	—	—	—
Purchasing agents and buyers, n.e.c.	25.75	10.0	40.2	25.75	10.0	40.2	—	—	—
Construction inspectors	22.21	10.4	40.0	22.21	10.4	40.0	—	—	—
Inspectors and compliance officers, except construction	21.56	13.2	35.0	22.96	12.3	40.0	—	—	—
Management related, n.e.c.	22.69	4.2	39.8	22.41	4.6	39.7	—	—	—
Sales									
Supervisors, sales	13.48	6.4	34.9	13.62	6.7	34.8	9.58	3.5	36.6
Supervisors, sales	17.26	8.0	41.6	17.41	8.2	41.7	—	—	—
Insurance sales	19.80	12.9	41.2	19.80	12.9	41.2	—	—	—
Real estate sales	12.77	12.5	34.9	12.77	12.5	34.9	—	—	—
Advertising and related sales	16.45	16.2	35.4	16.45	16.2	35.4	—	—	—
Sales, other business services	25.17	23.8	33.1	25.17	23.8	33.1	—	—	—
Sales representatives, mining, manufacturing, and wholesale	29.20	27.4	40.5	29.20	27.4	40.5	—	—	—
Sales workers, motor vehicles and boats	20.91	10.2	46.7	20.91	10.2	46.7	—	—	—
Sales workers, apparel	7.72	5.6	22.7	7.72	5.6	22.7	—	—	—
Sales workers, hardware and building supplies	11.13	8.7	39.6	11.13	8.7	39.6	—	—	—
Sales workers, parts	14.01	12.6	39.8	14.01	12.6	39.8	—	—	—
Sales workers, other commodities	10.53	6.8	30.1	10.71	7.5	29.9	—	—	—
Sales counter clerks	7.73	5.5	38.9	7.73	5.5	38.9	—	—	—
Cashiers	8.70	5.8	31.6	8.69	6.1	31.2	—	—	—
Sales support, n.e.c.	11.88	18.1	30.8	12.07	18.5	30.7	—	—	—
Administrative support, including clerical									
Supervisors, general office	11.74	2.6	34.9	11.77	2.9	34.7	11.45	4.2	37.4
Supervisors, general office	13.80	7.6	40.0	13.77	7.7	40.0	—	—	—
Supervisors, financial records processing	17.84	9.2	40.0	17.84	9.2	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.99	5.1	40.7	18.99	5.1	40.7	—	—	—
Computer operators	16.68	5.8	40.0	17.16	6.3	40.0	—	—	—
Secretaries	11.92	4.1	35.3	12.03	5.3	34.9	11.11	11.9	38.4
Typists	11.80	2.5	39.0	11.20	2.5	37.5	—	—	—
Interviewers	10.85	13.2	33.2	9.60	9.2	31.7	—	—	—
Hotel clerks	9.39	6.0	37.5	9.39	6.0	37.5	—	—	—
Transportation ticket and reservation agents	11.01	8.8	37.0	11.01	8.8	37.0	—	—	—
Receptionists	9.49	6.8	28.8	9.54	7.2	28.4	—	—	—
Information clerks, n.e.c.	10.44	12.2	31.6	10.44	12.2	31.6	—	—	—
Correspondence clerks	12.76	6.7	39.2	12.76	6.7	39.2	—	—	—
Order clerks	11.00	5.6	38.1	11.00	5.6	38.1	—	—	—
Personnel clerks, except payroll and timekeeping ...	13.68	7.6	40.0	13.68	7.6	40.0	—	—	—

See footnotes at end of table.

TABLE 4-11. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Library clerks	\$11.28	9.1	30.4	\$13.36	7.5	32.9	\$10.04	4.8	29.1
File clerks	8.76	15.2	34.5	8.80	17.6	36.8	—	—	—
Records clerks, n.e.c.	11.74	7.8	37.6	12.72	6.3	36.9	—	—	—
Bookkeepers, accounting and auditing clerks	11.95	6.9	37.6	11.92	7.0	37.5	—	—	—
Payroll and timekeeping clerks	14.64	8.9	29.0	14.64	8.9	29.0	—	—	—
Mail clerks, except postal service	12.12	10.0	36.9	12.12	10.0	36.9	—	—	—
Dispatchers	12.94	13.1	39.1	13.73	12.7	38.3	—	—	—
Production coordinators	13.97	21.4	23.8	13.97	21.4	23.8	—	—	—
Traffic, shipping and receiving clerks	14.48	17.1	34.9	14.41	17.8	34.7	—	—	—
Stock and inventory clerks	11.70	4.0	35.1	11.95	3.8	34.5	—	—	—
Meter readers	14.57	3.9	40.0	14.58	4.4	40.0	—	—	—
Expeditors	10.89	7.4	38.4	10.89	7.4	38.4	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.36	14.7	38.9	10.86	7.1	38.5	—	—	—
Insurance adjusters, examiners, and investigators ..	16.65	11.0	39.3	16.75	12.4	39.2	—	—	—
Investigators and adjusters, except insurance	13.18	9.9	39.2	13.18	9.9	39.2	—	—	—
Eligibility clerks, social welfare	15.19	6.9	39.7	15.19	6.9	39.7	—	—	—
Bill and account collectors	12.03	2.5	40.0	12.03	2.5	40.0	—	—	—
General office clerks	11.04	4.4	34.3	10.89	4.7	33.9	12.79	5.4	40.0
Bank tellers	9.00	6.9	32.0	9.00	6.9	32.0	—	—	—
Data entry keyers	10.06	6.7	36.6	10.19	7.2	36.4	—	—	—
Teachers' aides	8.91	6.0	24.6	9.22	3.3	21.3	8.44	9.6	31.9
Administrative support, n.e.c.	10.75	14.4	28.2	10.69	14.6	28.1	—	—	—
Blue collar	13.96	4.3	37.7	13.59	2.9	37.5	17.98	12.5	39.2
Precision production, craft, and repair									
Supervisors, mechanics and repairers	30.93	9.2	40.3	32.64	10.2	40.3	—	—	—
Automobile mechanics	16.71	12.1	40.2	16.71	12.1	40.2	—	—	—
Bus, truck, and stationary engine mechanics	16.10	8.4	40.0	16.04	8.5	40.0	—	—	—
Heavy equipment mechanics	20.37	4.7	39.8	18.58	4.9	39.6	—	—	—
Industrial machinery repairers	21.72	9.1	38.2	19.66	2.5	37.4	—	—	—
Machinery maintenance	13.36	9.5	40.0	13.36	9.5	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	14.99	5.6	40.0	14.99	5.6	40.0	—	—	—
Mechanics and repairers, n.e.c.	18.15	6.5	40.0	17.17	4.7	40.0	—	—	—
Supervisors, electricians and power transmission installers	22.67	12.4	42.0	22.67	12.4	42.0	—	—	—
Supervisors, construction trades, n.e.c.	17.08	8.6	40.0	17.08	8.6	40.0	—	—	—
Carpenters	18.89	8.5	40.0	19.55	8.2	40.0	—	—	—
Electricians	20.54	6.1	39.8	20.26	6.3	39.7	—	—	—
Electrical power installers and repairers	26.32	4.3	40.0	26.20	4.6	40.0	—	—	—
Plumbers, pipefitters and steamfitters	20.51	4.1	40.0	20.51	4.1	40.0	—	—	—
Structural metal workers	16.27	10.0	40.0	16.27	10.0	40.0	—	—	—
Supervisors, production	21.25	15.0	40.4	21.25	15.0	40.4	—	—	—
Machinists	19.41	6.6	39.9	19.41	6.6	39.9	—	—	—
Cabinet makers and bench carpenters	12.71	8.3	40.0	12.71	8.3	40.0	—	—	—
Electrical and electronic equipment assemblers	12.83	3.3	40.0	12.83	3.3	40.0	—	—	—
Butchers and meat cutters	14.99	4.1	37.1	15.48	4.1	36.2	—	—	—
Bakers	10.31	3.2	39.3	10.31	3.2	39.3	—	—	—
Inspectors, testers, and graders	18.52	5.8	41.6	18.52	5.8	41.6	—	—	—
Miscellaneous plant and system operators, n.e.c.	24.65	1.0	40.7	24.65	1.0	40.7	—	—	—
Machine operators, assemblers, and inspectors									
Fabricating machine operators, n.e.c.	11.09	4.1	40.0	11.09	4.1	40.0	—	—	—
Molding and casting machine operators	10.93	3.9	39.5	10.93	3.9	39.5	—	—	—
Laundrying and dry cleaning machine operators	9.56	8.0	39.7	9.58	8.2	39.7	—	—	—
Extruding and forming machine operators	12.88	3.0	40.0	12.88	3.0	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.59	6.4	39.8	12.69	6.7	39.8	—	—	—
Welders and cutters	16.70	15.1	40.0	13.43	11.9	40.0	—	—	—
Assemblers	9.98	5.7	39.3	9.98	5.7	39.3	—	—	—

See footnotes at end of table.

TABLE 4-11. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors									
—Continued									
Production inspectors, checkers and examiners	\$11.46	5.5	38.5	\$11.46	5.5	38.5	—	—	—
Transportation and material moving									
Supervisors, motor vehicle operators	14.20	9.9	35.7	12.80	7.2	34.7	—	—	—
Truck drivers	18.33	7.5	45.8	18.33	7.5	45.8	—	—	—
Driver-sales workers	12.91	9.3	40.4	12.91	9.4	40.4	—	—	—
Bus drivers	7.89	17.4	26.5	7.89	17.4	26.5	—	—	—
Taxicab drivers and chauffeurs	12.10	5.4	28.5	12.08	5.8	29.4	—	—	—
Supervisors, material moving equipment	8.20	9.6	15.3	8.20	9.6	15.3	—	—	—
Operating engineers	19.37	8.3	40.0	—	—	—	—	—	—
Grader, dozer, and scrapper operators	11.06	10.1	40.0	—	—	—	—	—	—
Industrial truck and tractor equipment operators	18.58	9.1	40.0	—	—	—	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	—	—	—	12.28	15.3	39.4	—	—	—
.....	17.03	18.0	40.0	19.98	20.0	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers ..									
Groundskeepers and gardeners, except farm	9.82	3.0	35.0	9.82	3.3	34.9	\$9.84	13.6	36.7
Helpers, construction trades	9.91	10.1	28.0	10.12	11.3	25.9	—	—	—
Construction laborers	9.58	1.4	40.0	9.58	1.4	40.0	—	—	—
Production helpers	10.59	7.2	39.4	10.61	7.2	39.4	—	—	—
Stock handlers and baggers	9.71	3.3	32.1	—	—	—	—	—	—
Freight, stock, and material handlers, n.e.c.	7.96	9.6	26.1	8.03	10.0	26.4	—	—	—
Vehicle washers and equipment cleaners	10.36	9.7	38.3	10.63	10.0	38.1	—	—	—
Hand packers and packagers	8.09	9.8	37.6	7.54	8.0	37.3	—	—	—
Laborers, except construction, n.e.c.	9.14	5.5	38.4	9.14	5.5	38.4	—	—	—
.....	9.53	5.3	36.0	9.37	4.7	35.9	—	—	—
Service									
Protective service	8.60	2.9	32.6	8.48	2.7	32.4	9.70	6.4	34.5
Supervisors, firefighters and fire prevention	15.26	7.6	34.0	15.19	8.8	33.0	15.58	11.1	39.6
Supervisors, police and detectives	22.02	6.9	50.8	22.02	6.9	50.8	—	—	—
Supervisors, guards	25.79	8.8	41.2	27.14	10.1	41.6	—	—	—
Firefighting	11.94	7.0	34.8	11.94	7.0	34.8	—	—	—
Police and detectives, public service	16.09	6.8	48.0	16.76	7.8	49.2	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	21.12	3.5	39.4	22.69	3.2	39.2	16.60	4.7	40.0
Correctional institution officers	17.99	8.6	40.1	18.12	9.4	40.1	—	—	—
Guards and police, except public service	13.33	10.7	40.0	—	—	—	—	—	—
Food service	9.29	1.5	34.5	9.27	1.5	34.4	—	—	—
Waiters, waitresses, and bartenders	7.09	2.6	31.2	7.09	2.6	31.2	7.03	9.3	32.0
Bartenders	5.16	9.6	28.2	5.21	9.6	27.9	—	—	—
Waiters and waitresses	7.36	2.9	33.6	7.36	2.9	33.6	—	—	—
Waiters/Waitresses' assistants	4.40	11.4	27.7	4.43	11.8	27.3	—	—	—
Other food service	5.62	4.6	24.6	5.62	4.6	24.6	—	—	—
Supervisors, food preparation and service	7.95	2.9	32.8	7.98	3.0	33.0	7.61	6.0	30.9
Cooks	12.65	4.3	41.3	12.85	3.9	41.6	—	—	—
Kitchen workers, food preparation	8.91	5.2	34.7	8.95	5.3	35.2	—	—	—
Food preparation, n.e.c.	8.24	3.3	31.6	8.04	4.1	28.9	—	—	—
Health service	6.54	2.9	29.9	6.51	3.2	30.0	—	—	—
Health aides, except nursing	9.51	6.4	32.8	10.00	5.8	33.1	8.46	5.7	32.2
Nursing aides, orderlies and attendants	9.33	3.9	36.1	9.43	6.5	34.0	—	—	—
Cleaning and building service	9.11	4.4	31.7	9.58	3.9	32.3	8.26	4.4	30.6
Supervisors, cleaning and building service workers	9.03	2.1	35.1	8.84	1.6	34.6	10.34	3.8	39.4
Maids and housemen	14.65	8.8	40.0	13.66	7.0	40.0	—	—	—
Janitors and cleaners	7.96	2.4	36.9	8.05	2.3	36.6	—	—	—
Personal service	8.94	2.0	34.2	8.72	1.6	33.5	10.35	3.5	39.2
Supervisors, personal service	8.14	5.1	33.8	8.14	5.1	33.9	—	—	—
Attendants, amusement, and recreation facilities	12.02	14.4	40.1	12.02	14.4	40.1	—	—	—
Baggage porters and bellhops	6.73	2.0	37.0	6.73	2.0	37.0	—	—	—
Welfare service aides	5.96	7.4	39.5	5.96	7.4	39.5	—	—	—
Early childhood teachers' assistants	9.24	8.0	34.1	9.24	8.0	34.1	—	—	—
.....	7.27	2.8	30.6	7.28	2.9	30.8	—	—	—

See footnotes at end of table.

TABLE 4-11. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Service —Continued									
Personal service—Continued									
Child care workers, n.e.c.	\$9.59	9.1	20.0	\$9.90	9.3	20.0	—	—	—
Service, n.e.c.	8.20	13.8	27.6	8.20	13.8	27.6	—	—	—

¹ The Mountain census division consists of Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
All	\$17.64	1.7	35.6	\$17.63	1.7	35.5	-	-	-
All, excluding sales	18.02	1.8	35.9	18.01	1.9	35.9	-	-	-
White collar	21.13	2.1	35.7	21.17	2.1	35.7	-	-	-
White collar, excluding sales	22.55	2.3	36.5	22.61	2.3	36.5	-	-	-
Professional specialty and technical	27.42	4.8	35.4	27.52	5.0	35.4	\$24.49	3.9	35.6
Professional specialty	28.76	6.3	35.1	28.80	6.5	35.1	27.34	5.2	35.0
Engineers, architects, and surveyors	32.62	5.4	40.5	32.76	5.5	40.5	24.70	4.7	39.8
Aerospace engineers	38.40	5.6	40.5	38.40	5.6	40.5	-	-	-
Nuclear engineers	35.76	2.5	40.0	35.76	2.5	40.0	-	-	-
Civil engineers	28.28	7.9	40.8	28.74	8.3	40.9	24.07	7.5	40.0
Electrical and electronic engineers	37.96	3.2	41.3	37.96	3.2	41.3	-	-	-
Industrial engineers	32.14	7.9	41.2	32.14	7.9	41.2	-	-	-
Mechanical engineers	32.24	4.9	40.6	32.24	4.9	40.6	-	-	-
Engineers, n.e.c.	36.50	2.2	40.3	36.58	2.2	40.3	-	-	-
Mathematical and computer scientists	31.14	3.3	40.3	31.18	3.3	40.3	-	-	-
Computer systems analysts and scientists	31.18	3.4	40.3	31.19	3.5	40.3	-	-	-
Operations and systems researchers and analysts	31.49	8.5	40.0	31.49	8.5	40.0	-	-	-
Natural scientists	31.40	7.4	40.0	31.74	7.2	40.0	23.91	10.1	39.5
Chemists, except biochemists	32.63	6.5	40.5	32.63	6.5	40.5	-	-	-
Geologists and geodesists	30.43	13.3	40.0	30.43	13.3	40.0	-	-	-
Agricultural and food scientists	22.74	14.4	40.0	21.84	17.3	40.0	-	-	-
Biological and life scientists	25.78	4.7	39.4	26.27	4.6	39.6	-	-	-
Forestry and conservation scientists	22.69	6.2	40.6	-	-	-	-	-	-
Medical scientists	25.24	9.8	39.4	25.24	9.8	39.4	-	-	-
Health related	28.57	2.6	33.1	28.57	2.6	32.9	28.58	15.9	36.0
Physicians	45.94	18.3	41.8	42.55	22.5	42.1	-	-	-
Registered nurses	27.31	1.7	32.0	27.58	1.7	31.8	23.20	4.8	35.0
Pharmacists	38.34	6.2	35.7	38.42	6.3	35.7	-	-	-
Dietitians	23.28	5.5	34.3	23.28	5.5	34.3	-	-	-
Respiratory therapists	21.69	5.0	36.1	22.49	4.5	35.3	-	-	-
Occupational therapists	28.02	9.9	37.9	28.02	9.9	37.9	-	-	-
Physical therapists	26.80	5.0	35.4	26.78	5.1	35.3	-	-	-
Speech therapists	30.72	12.1	36.1	30.72	12.1	36.1	-	-	-
Therapists, n.e.c.	20.25	8.8	37.3	20.25	8.8	37.3	-	-	-
Teachers, college and university	38.85	3.6	26.6	39.20	3.7	26.5	33.75	9.4	27.0
Biological science teachers	46.43	27.0	29.8	46.43	27.0	29.8	-	-	-
Chemistry teachers	57.86	14.6	39.3	57.86	14.6	39.3	-	-	-
Psychology teachers	29.58	8.1	18.5	29.58	8.1	18.5	-	-	-
Engineering teachers	54.63	14.1	35.6	54.63	14.1	35.6	-	-	-
Mathematical science teachers	47.45	8.4	27.4	47.80	8.4	29.1	-	-	-
Computer science teachers	30.02	17.1	28.0	-	-	-	-	-	-
Health specialties teachers	32.02	16.3	35.6	36.44	11.7	38.5	-	-	-
Business, commerce, and marketing teachers	50.57	8.7	31.3	50.57	8.7	31.3	-	-	-
Art, drama, and music teachers	39.59	1.9	27.4	39.69	1.9	28.8	-	-	-
Education teachers	42.05	18.8	28.5	44.48	21.0	26.9	-	-	-
English teachers	36.61	4.9	24.1	36.83	5.8	23.9	-	-	-
Foreign language teachers	38.61	6.5	21.6	38.79	6.7	22.7	-	-	-
Trade and industrial teachers	30.87	4.0	24.9	30.87	4.0	24.9	-	-	-
Other post-secondary teachers	34.22	4.6	24.7	33.98	4.9	24.0	36.77	7.6	35.2
Teachers, except college and university	32.50	2.9	33.1	32.66	3.0	33.1	28.55	3.0	34.3
Prekindergarten and kindergarten	16.55	12.8	34.8	16.39	12.9	35.4	-	-	-
Elementary school teachers	35.83	2.5	34.2	36.11	2.5	34.0	29.38	2.3	38.2
Secondary school teachers	36.06	2.8	34.9	36.47	2.8	34.7	29.47	2.1	37.7
Teachers, special education	33.93	5.2	33.7	34.03	5.3	33.7	-	-	-
Teachers, n.e.c.	27.47	11.6	28.2	27.56	11.9	28.5	-	-	-
Substitute teachers	19.70	5.2	17.2	19.70	5.2	17.2	-	-	-
Vocational and educational counselors	29.24	10.8	36.7	29.49	11.1	36.6	-	-	-
Librarians, archivists, and curators	26.50	14.5	38.5	26.27	15.3	38.5	-	-	-
Librarians	30.65	7.8	37.6	30.68	8.4	37.6	-	-	-
Social scientists and urban planners	-	-	-	-	-	-	-	-	-
Economists	34.44	4.9	41.9	34.44	4.9	41.9	-	-	-
Urban planners	25.78	6.5	39.5	25.78	6.5	39.5	-	-	-
Social, recreation, and religious workers	-	-	-	-	-	-	19.07	6.3	29.9

See footnotes at end of table.

TABLE 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Social, recreation, and religious workers—Continued									
Social workers	—	—	—	—	—	—	\$19.52	4.5	37.6
Recreation workers	\$17.05	9.0	31.6	\$17.26	8.9	35.9	—	—	—
Lawyers and judges	46.27	6.3	39.5	46.57	6.2	39.6	—	—	—
Lawyers	46.64	6.3	39.6	46.64	6.3	39.6	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.									
Technical writers	28.38	7.6	34.7	28.46	7.7	34.6	—	—	—
Designers	24.13	10.6	39.1	24.13	10.6	39.1	—	—	—
Actors and directors	26.89	12.1	40.0	26.89	12.1	40.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	49.18	36.1	31.8	49.18	36.1	31.8	—	—	—
Photographers	46.22	23.0	43.7	46.22	23.0	43.7	—	—	—
Artists, performers, and related workers, n.e.c.	32.24	17.2	41.7	32.24	17.2	41.7	—	—	—
Editors and reporters	18.21	10.9	27.7	18.21	10.9	27.7	—	—	—
Public relations specialists	30.34	10.2	39.0	30.95	10.5	39.1	—	—	—
Professional, n.e.c.	17.61	18.6	39.8	17.26	20.6	39.8	—	—	—
Technical	27.39	4.1	40.1	27.39	4.1	40.1	—	—	—
Clinical laboratory technologists and technicians	21.87	2.7	36.8	22.11	2.7	36.7	16.37	6.5	37.6
Health record technologists and technicians	18.17	8.5	37.4	19.56	7.7	37.2	12.79	13.4	38.6
Radiological technicians	14.70	7.4	34.7	14.93	8.1	34.1	—	—	—
Licensed practical nurses	24.11	6.4	29.2	24.11	6.4	29.2	—	—	—
Health technologists and technicians, n.e.c.	17.67	3.4	36.1	17.69	3.5	36.2	—	—	—
Electrical and electronic technicians	17.87	2.8	37.4	17.76	2.8	37.5	—	—	—
Engineering technicians, n.e.c.	22.44	3.3	39.2	22.44	3.3	39.2	—	—	—
Drafters	24.42	10.7	38.7	24.86	10.7	38.7	—	—	—
Surveying and mapping technicians	20.91	4.7	40.2	20.91	4.7	40.2	—	—	—
Biological technicians	19.02	10.5	40.0	18.87	11.6	40.0	—	—	—
Chemical technicians	14.28	10.5	34.4	15.01	12.1	33.3	—	—	—
Science technicians, n.e.c.	20.65	4.2	40.3	20.65	4.2	40.3	—	—	—
Airplane pilots and navigators	23.77	3.1	39.6	23.93	2.6	39.6	—	—	—
Broadcast equipment operators	90.52	21.7	24.1	90.52	21.7	24.1	—	—	—
Computer programmers	18.09	2.3	40.0	—	—	—	—	—	—
Legal assistants	25.52	3.4	39.9	25.61	3.5	39.9	—	—	—
Technical and related, n.e.c.	20.07	6.3	39.7	20.07	6.4	39.7	—	—	—
Technical and related, n.e.c.	21.33	6.5	37.2	21.55	6.9	37.3	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	29.13	2.5	39.9	29.16	2.5	39.9	28.13	8.0	40.6
Legislators	33.28	3.6	40.4	33.37	3.7	40.4	29.88	14.0	41.5
Administrators and officials, public administration ...	25.24	30.5	10.5	25.24	30.5	10.5	—	—	—
Financial managers	33.17	5.3	39.6	33.74	5.6	39.5	—	—	—
Personnel and labor relations managers	32.11	7.9	40.0	32.02	8.0	40.0	—	—	—
Purchasing managers	35.08	8.5	40.3	35.29	8.6	40.3	—	—	—
Managers, marketing, advertising, and public relations	32.95	10.7	40.1	32.88	10.8	40.2	—	—	—
Administrators, education and related fields	40.17	7.9	41.3	40.17	7.9	41.3	—	—	—
Managers, medicine and health	35.74	10.6	40.5	35.92	11.6	40.6	—	—	—
Managers, food servicing and lodging establishments	36.83	4.2	39.8	36.98	4.2	39.8	—	—	—
Managers, properties and real estate	18.40	4.2	41.5	18.40	4.2	41.5	—	—	—
Managers, service organizations, n.e.c.	12.78	11.9	40.5	12.78	11.9	40.5	—	—	—
Managers and administrators, n.e.c.	38.53	22.1	39.1	38.58	22.2	39.1	—	—	—
Management related	33.53	5.0	41.0	33.74	5.1	41.0	—	—	—
Accountants and auditors	23.54	2.2	39.1	23.51	2.2	39.1	24.75	5.5	38.9
Underwriters	21.61	4.0	39.0	21.54	4.0	39.0	—	—	—
Other financial officers	28.17	6.9	38.0	28.17	6.9	38.0	—	—	—
Management analysts	23.62	6.2	37.4	23.66	6.3	37.4	—	—	—
Personnel, training, and labor relations specialists ..	27.69	4.2	39.9	27.69	4.3	39.9	—	—	—
Buyers, wholesale and retail trade, except farm products	23.40	5.3	39.8	23.35	5.5	39.8	—	—	—
Buyers, wholesale and retail trade, except farm products	22.43	10.7	40.0	22.53	11.0	40.0	—	—	—

See footnotes at end of table.

TABLE 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Executive, administrative, and managerial —Continued									
Management related —Continued									
Purchasing agents and buyers, n.e.c.	\$22.33	3.4	39.7	\$22.38	3.7	39.9	—	—	—
Construction inspectors	26.14	3.5	40.1	26.14	3.5	40.1	—	—	—
Inspectors and compliance officers, except construction	24.64	7.1	40.1	24.85	7.4	40.2	—	—	—
Management related, n.e.c.	24.53	2.6	39.7	24.44	2.6	39.7	—	—	—
Sales	13.78	4.6	32.1	13.77	4.6	32.1	\$13.97	12.2	35.5
Supervisors, sales	18.73	12.6	40.8	18.69	12.7	40.8	—	—	—
Insurance sales	21.49	17.3	38.5	21.49	17.3	38.5	—	—	—
Securities and financial services sales	25.79	31.3	40.0	25.79	31.3	40.0	—	—	—
Sales, other business services	19.67	15.9	36.7	19.74	16.1	36.6	—	—	—
Sales representatives, mining, manufacturing, and wholesale	22.60	7.5	39.2	22.60	7.5	39.2	—	—	—
Sales workers, motor vehicles and boats	20.60	9.6	43.8	20.32	9.8	44.0	—	—	—
Sales workers, apparel	8.05	3.5	26.3	8.05	3.5	26.3	—	—	—
Sales workers, furniture and home furnishings	11.09	14.4	28.8	11.09	14.4	28.8	—	—	—
Sales workers, hardware and building supplies	11.84	10.1	32.4	11.84	10.1	32.4	—	—	—
Sales workers, parts	15.04	6.8	39.3	15.07	6.8	39.3	—	—	—
Sales workers, other commodities	11.16	8.8	29.9	11.18	9.0	29.8	9.63	1.6	33.4
Sales counter clerks	7.95	14.1	27.6	7.89	14.1	27.7	—	—	—
Cashiers	9.50	4.4	30.9	9.46	4.6	30.8	10.63	3.1	34.7
Sales support, n.e.c.	11.99	4.9	31.9	11.99	5.0	31.9	—	—	—
Administrative support, including clerical	14.20	1.3	36.2	14.22	1.4	36.2	13.29	2.3	37.3
Supervisors, general office	19.18	3.5	40.6	19.14	3.6	40.7	—	—	—
Supervisors, financial records processing	21.70	5.5	40.2	21.78	5.5	40.2	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	21.68	7.5	41.1	21.55	8.7	41.3	—	—	—
Computer operators	19.36	9.0	39.1	19.45	9.2	39.1	—	—	—
Secretaries	16.05	4.9	37.1	16.21	5.1	37.0	13.51	6.2	38.1
Stenographers	16.31	10.2	36.3	16.32	10.4	36.3	—	—	—
Typists	14.39	4.5	38.8	14.37	4.6	38.8	—	—	—
Hotel clerks	9.90	8.0	37.8	9.90	8.0	37.7	—	—	—
Transportation ticket and reservation agents	14.84	5.2	36.6	14.84	5.3	36.7	—	—	—
Receptionists	11.65	5.3	37.3	11.65	5.3	37.3	—	—	—
Information clerks, n.e.c.	12.33	3.7	36.8	12.27	3.8	36.7	—	—	—
Order clerks	13.72	4.5	35.5	13.73	4.5	35.5	—	—	—
Personnel clerks, except payroll and timekeeping ..	15.55	3.3	39.2	15.59	3.3	39.2	—	—	—
Library clerks	13.11	5.7	33.0	13.12	5.7	33.0	—	—	—
File clerks	9.05	7.5	37.4	9.05	8.0	38.2	—	—	—
Records clerks, n.e.c.	14.88	3.7	38.7	14.95	3.7	38.7	—	—	—
Bookkeepers, accounting and auditing clerks	14.62	2.4	37.5	14.65	2.5	37.4	13.59	3.3	39.7
Payroll and timekeeping clerks	15.75	5.3	39.5	15.94	5.3	39.5	—	—	—
Billing clerks	13.72	3.0	38.6	13.58	3.1	38.5	—	—	—
Billing, posting, and calculating machine operators ..	10.38	11.0	28.2	10.38	11.0	28.2	—	—	—
Duplicating machine operators	11.94	9.5	40.0	11.94	9.5	40.0	—	—	—
Telephone operators	10.99	5.7	38.0	10.99	5.7	38.0	—	—	—
Messengers	10.09	12.5	22.9	10.23	15.6	20.5	—	—	—
Dispatchers	15.14	11.2	38.7	15.14	11.2	38.7	—	—	—
Production coordinators	19.61	3.4	39.6	19.61	3.4	39.6	—	—	—
Traffic, shipping and receiving clerks	11.55	7.2	38.9	11.55	7.3	38.9	—	—	—
Stock and inventory clerks	12.31	8.6	34.8	12.33	8.8	34.7	—	—	—
Meter readers	18.84	5.9	39.9	18.84	5.9	39.9	—	—	—
Weighers, measurers, checkers, and samplers	14.44	22.7	36.1	14.97	23.5	35.8	—	—	—
Expeditors	15.00	10.5	40.0	15.00	10.5	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	14.02	7.3	35.7	14.02	7.3	35.7	—	—	—
Insurance adjusters, examiners, and investigators ..	17.27	9.6	38.8	17.42	9.8	38.7	—	—	—
Investigators and adjusters, except insurance	16.07	4.9	39.3	16.07	4.9	39.3	—	—	—
Eligibility clerks, social welfare	14.98	4.3	40.0	15.06	4.6	40.0	—	—	—

See footnotes at end of table.

TABLE 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Bill and account collectors	\$15.16	6.9	39.2	\$15.16	6.9	39.2	—	—	—
General office clerks	13.06	2.3	35.6	13.06	2.3	35.7	\$13.19	3.0	32.7
Bank tellers	10.29	1.9	29.4	10.29	1.9	29.4	—	—	—
Data entry keyers	12.20	6.7	37.3	12.26	7.0	37.2	—	—	—
Statistical clerks	12.05	13.3	38.6	12.05	13.3	38.6	—	—	—
Teachers' aides	12.35	3.1	24.1	12.38	3.2	24.1	—	—	—
Administrative support, n.e.c.	15.14	3.6	36.0	15.25	3.5	35.9	—	—	—
Blue collar	14.65	2.3	37.9	14.62	2.3	38.0	16.09	2.5	35.5
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.55	6.1	39.9	23.40	6.2	39.9	—	—	—
Automobile mechanics	16.65	7.7	40.0	16.60	7.7	40.0	—	—	—
Automobile mechanic apprentices	12.63	7.8	40.0	12.63	7.8	40.0	—	—	—
Bus, truck, and stationary engine mechanics	17.06	7.0	37.1	17.07	7.0	37.1	—	—	—
Aircraft engine mechanics	21.67	4.0	39.7	21.67	4.0	39.7	—	—	—
Aircraft mechanics, except engine	23.25	2.4	40.0	23.25	2.4	40.0	—	—	—
Heavy equipment mechanics	19.34	5.5	40.0	19.34	5.5	40.0	—	—	—
Industrial machinery repairers	19.42	4.6	39.7	19.51	5.1	39.7	—	—	—
Machinery maintenance	14.70	10.7	39.9	14.34	11.1	39.9	—	—	—
Electronic repairers, communications and industrial equipment	19.10	8.1	39.6	19.10	8.1	39.6	—	—	—
Household appliance and power tool repairers	22.17	11.0	38.1	22.15	11.3	38.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.03	10.5	38.8	18.01	10.6	38.8	—	—	—
Mechanical controls and valve repairers	21.88	4.6	40.0	21.88	4.6	40.0	—	—	—
Millwrights	18.97	4.0	39.6	18.55	4.3	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.99	5.4	39.8	15.96	5.5	39.8	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	29.19	2.4	40.0	29.19	2.4	40.0	—	—	—
Supervisors, construction trades, n.e.c.	24.11	11.3	40.0	24.20	13.3	40.0	—	—	—
Carpenters	19.13	3.5	39.0	19.13	3.5	39.0	—	—	—
Carpenter apprentices	13.69	11.6	40.0	13.68	11.6	40.0	—	—	—
Drywall installers	24.61	12.2	38.3	24.61	12.2	38.3	—	—	—
Electricians	24.22	10.5	40.0	24.53	10.7	40.0	—	—	—
Electrician apprentices	14.82	17.0	40.0	—	—	—	—	—	—
Electrical power installers and repairers	27.99	2.4	40.0	28.00	2.5	40.0	—	—	—
Painters, construction and maintenance	14.00	7.6	39.6	13.77	7.8	39.6	—	—	—
Plumbers, pipefitters and steamfitters	20.36	10.7	40.0	20.59	11.2	40.0	—	—	—
Insulation workers	14.71	14.5	34.7	14.71	14.5	34.7	—	—	—
Construction trades, n.e.c.	14.83	10.0	39.9	14.76	10.3	39.9	—	—	—
Drillers, oil well	20.15	7.9	40.0	20.15	7.9	40.0	—	—	—
Supervisors, production	20.51	5.6	40.0	20.51	5.6	40.0	—	—	—
Tool and die makers	21.98	6.9	40.0	21.98	6.9	40.0	—	—	—
Precision assemblers, metal	19.48	8.1	40.0	19.48	8.1	40.0	—	—	—
Precision grinders, filers, and tool sharpeners	21.52	8.1	40.0	21.52	8.1	40.0	—	—	—
Layout workers	17.04	10.4	40.0	17.04	10.4	40.0	—	—	—
Sheet metal workers	24.30	8.0	40.0	24.30	8.0	40.0	—	—	—
Electrical and electronic equipment assemblers	10.88	6.0	39.6	10.88	6.0	39.6	—	—	—
Butchers and meat cutters	13.10	11.6	33.8	12.95	12.8	33.1	—	—	—
Bakers	12.57	8.3	37.7	12.57	8.3	37.7	—	—	—
Inspectors, testers, and graders	17.26	13.4	40.0	17.26	13.4	40.0	—	—	—
Water and sewer treatment plant operators	21.89	4.2	40.0	21.75	5.3	40.0	—	—	—
Stationary engineers	21.41	9.5	40.0	21.41	9.5	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	24.80	1.9	35.6	24.80	1.9	35.6	—	—	—
Machine operators, assemblers, and inspectors									
Punching and stamping press operators	12.92	11.7	40.0	12.92	11.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	9.75	11.6	40.0	9.75	11.6	40.0	—	—	—
Numerical control machine operators	18.89	8.7	40.0	18.89	8.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	11.98	14.7	35.6	11.62	15.3	35.3	—	—	—

See footnotes at end of table.

TABLE 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Molding and casting machine operators	\$10.49	12.6	39.5	\$10.49	12.6	39.5	—	—	—
Sawing machine operators	10.49	4.6	40.0	10.49	4.6	40.0	—	—	—
Printing press operators	15.61	8.6	37.6	15.61	8.6	37.6	—	—	—
Photoengravers and lithographers	20.13	9.8	37.1	20.13	9.8	37.1	—	—	—
Textile sewing machine operators	7.03	8.8	38.8	7.03	8.8	38.8	—	—	—
Laundry and dry cleaning machine operators	8.74	3.1	39.1	8.74	3.1	39.1	—	—	—
Packaging and filling machine operators	12.01	10.9	37.9	12.01	10.9	37.9	—	—	—
Extruding and forming machine operators	13.02	9.3	40.0	13.02	9.3	40.0	—	—	—
Mixing and blending machine operators	13.25	19.2	40.0	13.25	19.2	40.0	—	—	—
Separating, filtering, and clarifying machine operators	16.70	3.4	40.0	16.06	5.5	40.0	—	—	—
Painting and paint spraying machine operators	17.33	17.6	40.0	17.33	17.6	40.0	—	—	—
Furnace, kiln, and oven operators, except food	12.62	10.4	40.0	12.62	10.4	40.0	—	—	—
Crushing and grinding machine operators	14.65	13.4	40.0	14.65	13.4	40.0	—	—	—
Slicing and cutting machine operators	11.46	6.1	39.9	11.46	6.1	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	12.43	5.3	39.8	12.46	5.2	39.8	—	—	—
Welders and cutters	15.36	6.5	40.0	15.25	6.8	40.0	—	—	—
Solders and braziers	9.03	4.3	40.0	9.03	4.3	40.0	—	—	—
Assemblers	11.80	5.9	38.9	11.80	5.9	38.9	—	—	—
Miscellaneous hand working, n.e.c.	9.65	9.1	39.8	9.65	9.1	39.8	—	—	—
Production inspectors, checkers and examiners	10.51	8.4	39.4	10.48	8.5	39.5	—	—	—
Production testers	11.93	11.6	40.0	11.93	11.6	40.0	—	—	—
Graders and sorters, except agricultural	13.30	12.2	40.0	13.30	12.2	40.0	—	—	—
Transportation and material moving	14.69	3.7	37.6	14.70	3.8	37.8	\$13.88	9.7	28.3
Supervisors, motor vehicle operators	21.69	8.9	40.0	21.66	9.0	40.0	—	—	—
Truck drivers	14.58	4.5	39.6	14.59	4.5	39.6	—	—	—
Driver-sales workers	11.40	6.2	32.7	11.40	6.3	32.7	—	—	—
Bus drivers	14.74	4.5	32.1	14.81	4.8	32.0	—	—	—
Taxicab drivers and chauffeurs	10.60	5.9	35.7	10.60	5.9	35.7	—	—	—
Parking lot attendants	7.23	6.1	34.3	7.23	6.1	34.3	—	—	—
Motor transportation, n.e.c.	8.88	11.6	30.3	9.02	12.2	34.6	—	—	—
Railroad conductors and yardmasters	26.86	5.6	40.7	26.86	5.6	40.7	—	—	—
Locomotive operating	27.54	12.9	41.0	27.54	12.9	41.0	—	—	—
Sailors and deckhands	18.99	1.4	27.9	—	—	—	—	—	—
Supervisors, material moving equipment	19.66	12.8	40.0	19.66	12.8	40.0	—	—	—
Operating engineers	23.33	6.9	39.9	23.94	6.8	39.9	—	—	—
Crane and tower operators	20.55	14.6	40.0	20.55	14.6	40.0	—	—	—
Excavating and loading machine operators	17.69	6.8	40.0	17.69	6.8	40.0	—	—	—
Grader, dozer, and scrapper operators	21.39	10.9	40.0	22.18	10.6	40.0	—	—	—
Industrial truck and tractor equipment operators	13.64	6.5	39.3	13.64	6.6	39.2	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	13.63	16.2	37.7	13.43	16.0	37.7	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.04	3.5	35.4	11.03	3.6	35.4	11.84	7.3	32.7
Nursery workers	7.51	7.7	34.6	7.51	7.7	34.6	—	—	—
Supervisors, agriculture-related workers	15.41	15.0	40.0	15.41	15.0	40.0	—	—	—
Groundskeepers and gardeners, except farm	12.66	4.5	39.5	12.72	4.8	39.4	—	—	—
Animal caretakers, except farm	12.02	13.6	25.6	12.02	13.6	25.6	—	—	—
Inspectors, agricultural products	8.64	12.8	21.4	8.64	12.8	21.4	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.89	11.6	40.8	17.89	11.6	40.8	—	—	—
Helpers, mechanics and repairers	12.31	12.5	39.5	12.31	12.5	39.5	—	—	—
Helpers, construction trades	10.52	7.4	36.5	10.51	7.4	36.5	—	—	—
Construction laborers	17.19	7.7	38.6	17.36	7.7	38.9	—	—	—
Production helpers	10.10	7.7	38.2	10.10	7.7	38.2	—	—	—
Stevedores	25.49	5.6	37.1	—	—	—	—	—	—
Stock handlers and baggers	9.96	9.4	33.0	10.00	9.6	33.4	7.95	4.5	22.0
Machine feeders and offbearers	10.54	13.0	37.1	10.54	13.0	37.1	—	—	—

See footnotes at end of table.

TABLE 4-12. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ January 2001—Continued

Occupation ⁵	Total			Metropolitan			Nonmetropolitan		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)		Mean	Relative error ⁶ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Freight, stock, and material handlers, n.e.c.	\$11.44	7.0	31.5	\$11.41	7.1	31.4	—	—	—
Garage and service station related	9.77	15.0	33.5	9.77	15.0	33.5	—	—	—
Vehicle washers and equipment cleaners	8.47	7.5	38.6	8.47	7.5	38.6	—	—	—
Hand packers and packagers	9.02	4.0	38.2	9.02	4.0	38.2	—	—	—
Laborers, except construction, n.e.c.	10.49	5.6	34.8	10.35	5.5	34.7	—	—	—
Service									
Protective service	11.19	2.5	32.0	11.13	2.5	31.9	\$13.58	10.6	36.5
Supervisors, firefighters and fire prevention	19.02	5.4	38.2	19.06	5.5	38.1	17.83	7.3	40.5
Supervisors, police and detectives	28.50	8.8	51.2	29.17	8.4	51.6	—	—	—
Supervisors, guards	35.23	4.0	40.0	35.23	4.0	40.0	—	—	—
Supervisors, police and detectives	23.05	17.0	40.0	23.05	17.0	40.0	—	—	—
Fire inspection and fire prevention	16.93	15.9	43.5	16.93	15.9	43.5	—	—	—
Firefighting	20.52	7.7	47.6	21.17	7.4	48.1	—	—	—
Police and detectives, public service	26.96	2.4	39.1	27.27	2.4	39.0	21.43	3.7	40.0
Sheriffs, bailiffs, and other law enforcement officers	22.51	3.9	39.4	22.88	4.0	39.4	—	—	—
Correctional institution officers	21.68	5.0	40.0	21.97	5.0	40.0	—	—	—
Guards and police, except public service	10.47	11.8	35.0	10.47	11.9	35.0	—	—	—
Protective service, n.e.c.	14.70	19.3	32.5	14.70	19.6	32.5	—	—	—
Food service	7.87	2.8	28.5	7.84	2.9	28.5	10.76	6.6	35.3
Waiters, waitresses, and bartenders	6.99	4.2	27.0	6.93	4.2	26.9	—	—	—
Bartenders	10.04	16.4	31.9	10.04	16.4	31.9	—	—	—
Waiters and waitresses	6.69	4.0	26.4	6.61	3.7	26.3	—	—	—
Waiters/waitresses' assistants	6.46	3.5	26.7	6.46	3.5	26.7	—	—	—
Other food service	8.13	3.5	29.0	8.10	3.5	29.0	10.25	7.2	34.8
Supervisors, food preparation and service	12.31	5.7	43.3	12.32	5.8	43.3	—	—	—
Cooks	8.76	5.3	35.6	8.72	5.3	35.6	12.54	13.0	36.8
Kitchen workers, food preparation	8.44	4.5	32.3	8.37	4.6	32.3	—	—	—
Food preparation, n.e.c.	7.23	2.9	24.8	7.20	2.8	24.7	9.88	9.4	37.2
Health service	12.12	4.2	34.6	12.21	4.2	34.6	10.30	5.1	34.3
Dental assistants	15.08	9.6	33.7	15.08	9.6	33.7	—	—	—
Health aides, except nursing	12.99	3.9	35.4	13.07	3.9	35.8	11.47	2.0	30.2
Nursing aides, orderlies and attendants	10.54	2.3	34.5	10.59	2.5	34.3	9.80	4.1	36.4
Cleaning and building service	10.32	3.2	36.2	10.34	3.2	36.2	9.45	5.9	32.9
Supervisors, cleaning and building service workers	14.82	7.0	40.2	14.86	7.0	40.2	—	—	—
Maids and housemen	8.64	4.2	35.9	8.64	4.2	36.0	—	—	—
Janitors and cleaners	10.48	3.7	36.0	10.50	3.8	36.1	9.56	6.3	34.0
Personal service	10.89	6.0	29.1	10.64	5.8	28.8	16.28	9.7	37.3
Supervisors, personal service	—	—	—	15.03	6.7	41.0	—	—	—
Attendants, amusement, and recreation facilities	8.11	4.5	23.5	8.07	4.6	23.6	—	—	—
Guides	9.46	7.4	23.9	9.46	7.4	23.9	—	—	—
Ushers	7.07	3.0	20.4	7.07	3.0	20.4	—	—	—
Public transportation attendants	32.08	12.4	20.9	32.08	12.4	20.9	—	—	—
Baggage porters and bellhops	6.62	2.2	36.7	6.60	2.1	36.7	—	—	—
Welfare service aides	8.86	5.1	31.5	8.86	5.1	31.5	—	—	—
Early childhood teachers' assistants	9.43	3.3	26.0	9.40	3.3	25.7	—	—	—
Child care workers, n.e.c.	9.25	4.7	29.2	9.24	4.7	29.2	—	—	—
Service, n.e.c.	10.89	6.9	33.4	10.76	7.3	33.3	—	—	—

¹ The Pacific census division consists of Washington, Oregon, California, Alaska, and Hawaii.

² 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.

³ Metropolitan areas can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above. For more information, see appendix E.

⁴ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B.

⁶ 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.

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

The 2001 National Compensation Survey (NCS) included 17,858 establishments representing more than 86 million workers within scope of the survey. Beginning with the 1999 NCS, private sector establishments with one or more workers are included in the survey. State and local governments with 50 or more workers also are included. The number of workers represented by the survey is shown in table A, and the number of establishments in table B.

The survey covered 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 geographic scope of the NCS includes all 50 States and the District of Columbia.

Sampling frame

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

able at the time the sample was selected. The reference month for the private sector varied by area.

Sample design

The sample was selected using a three-stage design. The first stage consisted of the selection of areas for study. The NCS sample consists of 154 metropolitan areas and non-metropolitan areas that represent the Nation's 326 metropolitan statistical areas (as defined by the Office of Management and Budget, 1994) and the remaining portions of the 50 States. (See appendix E.) The NCS surveys two types of metropolitan areas: Metropolitan Statistical Areas (MSAs) and Consolidated Metropolitan Statistical Areas (CMSAs). MSAs are areas with a central city of 50,000 or more inhabitants and a total area population of at least 100,000. An MSA usually consists of one or more counties with close economic and social ties as defined by commuting patterns and population density. CMSAs are large, integrated areas of 1 million or more people consisting of two or more contiguous Primary Metropolitan Statistical Areas (large areas that consist of 250,000 to 999,999 people). Nonmetropolitan areas are areas that are not a part of an MSA or CMSA. These areas are individual counties or parishes.

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

The third 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. Collection was the responsibility of field economists, working out of the Bureau of Labor Statistics (BLS) Regional Offices, who visited each establishment surveyed. Collection was conducted between March

2000 and January 2002. The average payroll reference month was January 2001. For each establishment in the survey, the data reflect the establishment's practices on the day of collection.

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 versus part-time, union versus nonunion, and time versus 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>
1-49	4*
50-99	8
100-249	10
250-999	12
1,000-2,499	16
2,500+	20

* In establishments with 4 or fewer employees, the number of jobs selected equaled establishment employment.

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The NCS 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

A complete list of all occupations, classified by the MOG to which they belong, is contained in appendix B.

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. 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. The appendix 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 new occupational leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared with 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. For additional information on occupational leveling, see Brooks Pierce, "Using the National Compensation Survey to Predict Wage Rates," *Compensation and Working Conditions*, Winter 1999, pp. 8–16.

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 bonuses and profit-sharing bonuses)
- Uniform and tool allowances
- Free room and board
- On-call pay
- Payments made by third parties (for example, bonuses given by manufacturers to department store salespeople, referral incentives in real estate)

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. In this summary bulletin, only hourly earnings are presented. Information on average weekly earnings and hours and average annual earnings and hours for full-time workers is available at the BLS Internet site ([http:// www.bls.gov/ncs/home.htm](http://www.bls.gov/ncs/home.htm)).

Earnings distribution tables also are not included in this bulletin but are available at the BLS Internet site ([http:// www.bls.gov/ncs/home.htm](http://www.bls.gov/ncs/home.htm)). These supplemental tables provide hourly earnings at the 10th, 25th, 50th, 75th, and 90th percentile positions for selected occupations. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth of the workers earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same pattern. Earnings data are made available for all workers, private industry, and State and local government. Further detail for full- and part-time workers also is provided.

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. 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.

Definition of terms

Full-time worker. Any employee whom 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.

Straight-time. Time worked at the standard rate of pay for the job.

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 BLS 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. 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.

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 num-

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

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 one 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. RSEs are presented for most of the tables in this bulletin.

The standard error can be used to calculate a “confidence interval” around a sample estimate. As an example, table 1-1 shows mean hourly earnings of \$16.23 for all workers, with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for the estimate is \$15.96 to \$16.50 ($\$16.23 \times 1.645 \times 0.010 = \0.267 , round to \$0.27; $\$16.23 - \$0.27 = \$15.96$; $\$16.23 + \$0.27 = \$16.50$). 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.

TABLE A. Number of workers¹ represented by the survey, by occupational group,² United States, National Compensation Survey,³ January 2001

Occupational group	All industries	Private industry	State and local government
All	86,085,200	72,296,200	13,789,000
All, excluding sales	77,636,100	63,891,600	13,744,500
White collar	44,470,500	35,144,200	9,326,300
White collar, excluding sales	36,021,400	26,739,600	9,281,800
Professional specialty and technical	15,067,000	9,570,100	5,496,800
Professional specialty occupations	11,990,900	6,935,700	5,055,200
Technical occupations	3,076,000	2,634,400	441,600
Executive, administrative, and managerial	6,294,000	5,128,200	1,165,800
Sales	8,449,100	8,404,600	44,500
Administrative support, including clerical	14,660,500	12,041,200	2,619,200
Blue collar	25,046,600	23,610,300	1,436,300
Precision production, craft, and repair	8,077,100	7,509,800	567,300
Machine operators, assemblers, and inspectors	6,735,400	6,708,200	27,100
Transportation and material moving	4,060,200	3,539,600	520,600
Handlers, equipment cleaners, helpers, and laborers	6,173,900	5,852,700	321,200
Service	16,568,100	13,541,700	3,026,400

¹ Number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison with other statistical series to measure employment trends or levels. Both full-time and part-time workers were included in the survey.

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

³ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

TABLE B. Number of establishments studied by industry group and establishment employment size, United States, National Compensation Survey,¹ January 2001

Industry division	Number of establishments studied						
	Total	1 to 99 workers ²	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 to 4,999 workers	5,000 or more workers
All	17,858	6,654	6,762	1,821	1,454	636	531
Private Industry	15,348	6,397	5,883	1,346	1,033	398	291
Goods-producing industries	4,289	1,479	1,816	490	291	127	86
Mining	152	86	54	9	3	—	—
Construction	776	546	197	25	7	1	—
Manufacturing	3,361	847	1,565	456	281	126	86
Durable goods	2,042	500	893	283	189	103	74
Nondurable goods	1,319	347	672	173	92	23	12
Service-producing industries	11,059	4,918	4,067	856	742	271	205
Transportation and utilities	1,172	405	426	131	117	47	46
Wholesale trade	748	456	232	35	18	4	3
Retail trade	2,651	1,495	983	105	49	14	5
Finance, insurance and real estate	1,259	729	254	90	98	38	50
Services	5,229	1,833	2,172	495	460	168	101
State and local government	2,510	257	879	475	421	238	240

¹ This survey covers all 50 States. Collection was conducted between March 2000 and January 2002. The average reference period was January 2001.

² Estimates include private establishments employing 1 to 99 workers and State and

local government establishments employing 50 to 99 workers.

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

Appendix B. Occupational Classifications

NOTE: The four-digit code before each occupation title is used to classify it into one of three major groups. **White-collar** workers include those classified in Major groups A through D. **Blue-collar** workers include those classified in Major groups E through H. **Service** workers are classified in Major group K.

Major group A:

PROFESSIONAL SPECIALTY AND TECHNICAL OCCUPATIONS

PROFESSIONAL SPECIALTY OCCUPATIONS

ENGINEERS, ARCHITECTS, AND SURVEYORS

- A043 Architects
- A044 Aerospace Engineers
- A045 Metallurgical and Materials Engineers
- A046 Mining Engineers
- A047 Petroleum Engineers
- A048 Chemical Engineers
- A049 Nuclear Engineers
- A053 Civil Engineers
- A054 Agricultural Engineers
- A055 Electrical and Electronic Engineers
- A056 Industrial Engineers
- A057 Mechanical Engineers
- A058 Marine Engineers and Naval Architects
- A059 Engineers, n.e.c.¹
- A063 Surveyors and Mapping Scientists

MATHEMATICAL AND COMPUTER SCIENTISTS

- A064 Computer Systems Analysts and Scientists
- A065 Operations and Systems Researchers and Analysts
- A066 Actuaries
- A067 Statisticians
- A068 Mathematical Scientists, n.e.c.

NATURAL SCIENTISTS

- A069 Physicists and Astronomers
- A073 Chemists, Except Biochemists
- A074 Atmospheric and Space Scientists
- A075 Geologists and Geodesists
- A076 Physical Scientists, n.e.c.
- A077 Agricultural and Food Scientists
- A078 Biological and Life Scientists
- A079 Forestry and Conservation Scientists
- A083 Medical Scientists

HEALTH RELATED OCCUPATIONS

- A084 Physicians
- A085 Dentists
- A086 Veterinarians
- A087 Optometrists
- A088 Podiatrists
- A089 Health Diagnosing Practitioners, n.e.c.
- A095 Registered Nurses
- A096 Pharmacists
- A097 Dietitians
- A098 Respiratory Therapists
- A099 Occupational Therapists
- A103 Physical Therapists
- A104 Speech Therapists
- A105 Therapists, n.e.c.
- A106 Physicians' Assistants

TEACHERS, COLLEGE AND UNIVERSITY

- A113 Earth, Environmental and Marine Science Teachers

¹ n.e.c. in an occupation title means not elsewhere classified.

A114 Biological Science Teachers
A115 Chemistry Teachers
A116 Physics Teachers
A117 Natural Science Teachers, n.e.c.
A118 Psychology Teachers
A119 Economics Teachers
A123 History Teachers
A124 Political Science Teachers
A125 Sociology Teachers
A126 Social Science Teachers, n.e.c.
A127 Engineering Teachers
A128 Mathematical Science Teachers
A129 Computer Science Teachers
A133 Medical Science Teachers
A134 Health Specialties Teachers
A135 Business, Commerce and Marketing Teachers
A136 Agriculture and Forestry Teachers
A137 Art, Drama, and Music Teachers
A138 Physical Education Teachers
A139 Education Teachers
A143 English Teachers
A144 Foreign Language Teachers
A145 Law Teachers
A146 Social Work Teachers
A147 Theology Teachers
A148 Trade and Industrial Teachers
A149 Home Economics Teachers
A153, A154 Other Post-Secondary Teachers

TEACHERS, EXCEPT COLLEGE AND UNIVERSITY

A155 Prekindergarten and Kindergarten Teachers
A156 Elementary School Teachers
A157 Secondary School Teachers
A158 Teachers, Special Education
A159 Teachers, n.e.c.
A160 Substitute Teachers
A163 Vocational and Educational Counselors

LIBRARIANS, ARCHIVISTS AND CURATORS

A164 Librarians
A165 Archivists and Curators

SOCIAL SCIENTISTS AND URBAN PLANNERS

A166 Economists
A167 Psychologists
A168 Sociologists
A169 Social Scientists, n.e.c.
A173 Urban Planners

SOCIAL, RECREATION, AND RELIGIOUS WORKERS

A174 Social Workers
A175 Recreation Workers
A176 Clergy
A177 Religious Workers, n.e.c.

LAWYERS AND JUDGES

A178 Lawyers
A179 Judges

WRITERS, AUTHORS, ENTERTAINERS, ATHLETES AND PROFESSIONALS, N.E.C.

A183 Authors
A184 Technical Writers
A185 Designers
A186 Musicians and Composers
A187 Actors and Directors
A188 Painters, Sculptors, Craft-Artists, and Artist Print-Makers
A189 Photographers
A193 Dancers
A194 Artists, Performers, and Related Workers, n.e.c.
A195 Editors and Reporters
A197 Public Relations Specialists
A198 Announcers
A199 Athletes
A999 Professional Occupations, n.e.c.

TECHNICAL OCCUPATIONS

HEALTH TECHNOLOGISTS AND TECHNICIANS

A203 Clinical Laboratory Technologists and Technicians
A204 Dental Hygienists
A205 Health Record Technologists and Technicians
A206 Radiologic Technicians
A207 Licensed Practical Nurses
A208 Health Technologists and Technicians, n.e.c.

ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS

A213 Electrical and Electronic Technicians
A214 Industrial Engineering Technicians
A215 Mechanical Engineering Technicians
A216 Engineering Technicians, n.e.c.
A217 Drafters
A218 Surveying and Mapping Technicians

SCIENCE TECHNICIANS

- A223 Biological Technicians
- A224 Chemical Technicians
- A225 Science Technicians, n.e.c.

MISCELLANEOUS TECHNICIANS

- A226 Airplane Pilots and Navigators
- A227 Air Traffic Controllers
- A228 Broadcast Equipment Operators
- A229 Computer Programmers
- A233 Tool Programmers, Numerical Control
- A234 Legal Assistants
- A235 Technical and Related Occupations, n.e.c.

Major group B:

EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS

EXECUTIVES, ADMINISTRATORS, AND MANAGERS

- B003 Legislators
- B004 Chief Executives and General Administrators, Public Administration
- B005 Administrators and Officials, Public Administration
- B007 Financial Managers
- B008 Personnel and Labor Relations Managers
- B009 Purchasing Managers
- B013 Managers: Marketing, Advertising and Public Relations
- B014 Administrators, Education and Related Fields
- B015 Managers, Medicine and Health
- B016 Postmasters and Mail Superintendents
- B017 Managers, Food Serving and Lodging Establishments
- B018 Managers, Properties and Real Estate
- B019 Funeral Directors
- B021 Managers, Service Organizations, n.e.c.
- B022 Managers and Administrators, n.e.c.

MANAGEMENT RELATED OCCUPATIONS

- B023 Accountants and Auditors
- B024 Underwriters
- B025 Other Financial Officers
- B026 Management Analysts
- B027 Personnel, Training, and Labor Relations Specialists

- B028 Purchasing Agents and Buyers, Farm Products
- B029 Buyers, Wholesale and Retail Trade, Except Farm Products
- B033 Purchasing Agents and Buyers, n.e.c.
- B034 Business and Promotion Agents
- B035 Construction Inspectors
- B036 Inspectors and Compliance Officers, Except Construction
- B037 Management Related Occupations, n.e.c.

Major group C:

SALES OCCUPATIONS

- C243 Supervisors: Sales Occupations

FINANCE AND BUSINESS SERVICES, SALES REPRESENTATIVES

- C253 Insurance Sales Occupations
- C254 Real Estate Sales Occupations
- C255 Securities and Financial Services Sales Occupations
- C256 Advertising and Related Sales Occupations
- C257 Sales Occupations, Other Business Services

SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL

- C258 Sales Engineers
- C259 Sales Representatives: Mining, Manufacturing, and Wholesale

RETAIL AND PERSONAL SERVICES SALES WORKERS

- C263 Sales Workers, Motor Vehicles and Boats
- C264 Sales Workers, Apparel
- C265 Sales Workers, Shoes
- C266 Sales Workers, Furniture and Home Furnishings
- C267 Sales Workers, Radio, TV, Hi-Fi, and Appliances
- C268 Sales Workers, Hardware and Building Supplies
- C269 Sales Workers, Parts
- C274 Sales Workers, Other Commodities
- C275 Sales Counter Clerks
- C276 Cashiers
- C277 Street and Door-To-Door Sales Workers
- C278 News Vendors

SALES RELATED OCCUPATIONS

- C283 Demonstrators, Promoters, and Models, Sales
- C284 Auctioneers
- C285 Sales Support Occupations, n.e.c.

Major group D:

**ADMINISTRATIVE SUPPORT OCCUPATIONS,
INCLUDING CLERICAL**

SUPERVISORS, CLERICAL AND ADMINISTRATIVE
SUPPORT

- D303 Supervisors: General Office
- D304 Supervisors: Computer Equipment Operators
- D305 Supervisors: Financial Records Processing
- D306 Chief Communications Operators
- D307 Supervisors: Distribution, Scheduling, and
Adjusting Clerks

COMPUTER EQUIPMENT OPERATORS

- D308 Computer Operators
- D309 Peripheral Equipment Operators

SECRETARIES, STENOGRAPHERS, AND TYPISTS

- D313 Secretaries
- D314 Stenographers
- D315 Typists

INFORMATION CLERKS

- D316 Interviewers
- D317 Hotel Clerks
- D318 Transportation Ticket and Reservation Agents
- D319 Receptionists
- D323 Information Clerks, n.e.c.

RECORDS PROCESSING CLERKS, EXCEPT
FINANCIAL

- D325 Classified-Ad Clerks
- D326 Correspondence Clerks
- D327 Order Clerks
- D328 Personnel Clerks, Except Payroll and Time-
keeping
- D329 Library Clerks
- D335 File Clerks
- D336 Records Clerks, n.e.c.

FINANCIAL RECORDS PROCESSING CLERKS

- D337 Bookkeepers, Accounting and Auditing Clerks

- D338 Payroll and Timekeeping Clerks
- D339 Billing Clerks
- D343 Cost and Rate Clerks
- D344 Billing, Posting, and Calculating Machine Op-
erators

DUPLICATING, MAIL, AND OTHER OFFICE
MACHINE OPERATORS

- D345 Duplicating Machine Operators
- D346 Mail Preparing and Paper Handling Machine
Operators
- D347 Office Machine Operators, n.e.c.

COMMUNICATIONS EQUIPMENT OPERATORS

- D348 Telephone Operators
- D353 Communications Equipment Operators, n.e.c.

MAIL AND MESSAGE DISTRIBUTING
OCCUPATIONS

- D356 Mail Clerks, Except Postal Service
- D357 Messengers

MATERIAL RECORDING, SCHEDULING, AND
DISTRIBUTING CLERKS

- D359 Dispatchers
- D363 Production Coordinators
- D364 Traffic, Shipping, and Receiving Clerks
- D365 Stock and Inventory Clerks
- D366 Meter Readers
- D368 Weighers, Measurers, Checkers, and Samplers
- D373 Expeditors
- D374 Material Recording, Scheduling, and Distribut-
ing Clerks, n.e.c.

ADJUSTERS AND INVESTIGATORS

- D375 Insurance Adjusters, Examiners, and Investiga-
tors
- D376 Investigators and Adjusters, Except Insurance
- D377 Eligibility Clerks, Social Welfare
- D378 Bill and Account Collectors

MISCELLANEOUS ADMINISTRATIVE SUPPORT
OCCUPATIONS

- D379 General Office Clerks
- D383 Bank Tellers
- D384 Proofreaders
- D385 Data Entry Keyers
- D386 Statistical Clerks
- D387 Teachers' Aides
- D389 Administrative Support Occupations, n.e.c.

Major group E:

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

MECHANICS AND REPAIRERS

- E503 Supervisors: Mechanics and Repairers
- E505 Automobile Mechanics
- E506 Automobile Mechanic Apprentices
- E507 Bus, Truck, and Stationary Engine Mechanics
- E508 Aircraft Engine Mechanics
- E509 Small Engine Repairers
- E514 Automobile Body and Related Repairers
- E515 Aircraft Mechanics, Except Engine
- E516 Heavy Equipment Mechanic
- E517 Farm Equipment Mechanics
- E518 Industrial Machinery Repairers
- E519 Machinery Maintenance Occupations
- E523 Electronic Repairers, Communications and Industrial Equipment
- E525 Data Processing Equipment Repairers
- E526 Household Appliance and Power Tool Repairers
- E527 Telephone Line Installers and Repairers
- E529 Telephone Installers and Repairers
- E534 Heating, Air Conditioning, and Refrigeration Mechanics
- E535 Camera, Watch, and Musical Instrument Repairers
- E536 Locksmiths and Safe Repairers
- E538 Office Machine Repairers
- E539 Mechanical Controls and Valve Repairers
- E543 Elevator Installers and Repairers
- E544 Millwrights
- E547 Mechanics and Repairers, n.e.c.

SUPERVISORS, CONSTRUCTION TRADES

- E553 Supervisors: Brickmasons, Stonemasons, and Tilesetters
- E554 Supervisors: Carpenters and Related Workers
- E555 Supervisors: Electricians and Power Transmission Installers
- E556 Supervisors: Painters, Paperhangers, and Plasterers
- E557 Supervisors: Plumbers, Pipefitters, and Steamfitters
- E558 Supervisors: Construction Trades, n.e.c.

CONSTRUCTION TRADES OCCUPATIONS

- E563 Brickmasons and Stonemasons
- E564 Brickmason and Stonemason Apprentices
- E565 Tile Setters, Hard and Soft
- E566 Carpet Installers
- E567 Carpenters

- E569 Carpenter Apprentices
- E573 Drywall Installers
- E575 Electricians
- E576 Electrician Apprentices
- E577 Electrical Power Installers and Repairers
- E579 Painters, Construction and Maintenance
- E583 Paperhangers
- E584 Plasterers
- E585 Plumbers, Pipefitters, and Steamfitters
- E587 Plumber, Pipefitter, and Steamfitter Apprentices
- E588 Concrete and Terrazzo Finishers
- E589 Glaziers
- E593 Insulation Workers
- E594 Paving, Surfacing, and Tamping Equipment Operators
- E595 Roofers
- E596 Sheetmetal Duct Installers
- E597 Structural Metal Workers
- E598 Drillers, Earth
- E599 Construction Trades, n.e.c.

EXTRACTIVE OCCUPATIONS

- E613 Supervisors: Extractive Occupations
- E614 Drillers, Oil Well
- E615 Explosives Workers
- E616 Mining Machine Operators
- E617 Mining Occupations, n.e.c.

PRECISION PRODUCTION OCCUPATIONS

- E628 Supervisors: Production Occupations

PRECISION METAL WORKING OCCUPATIONS

- E634 Tool and Die Makers
- E635 Tool and Die Maker Apprentices
- E636 Precision Assemblers, Metal
- E637 Machinists
- E639 Machinist Apprentices
- E643 Boilermakers
- E644 Precision Grinders, Filers, and Tool Sharpeners
- E645 Patternmakers and Modelmakers, Metal
- E646 Layout Workers
- E647 Precious Stones and Metals Workers
- E649 Engravers, Metal
- E653 Sheet Metal Workers
- E654 Sheet Metal Worker Apprentices

PRECISION WOODWORKING OCCUPATIONS

- E656 Patternmakers and Modelmakers, Wood
- E657 Cabinet Makers and Bench Carpenters
- E658 Furniture and Wood Finishers

PRECISION TEXTILE, APPAREL, AND
FURNISHINGS MACHINE WORKERS

- E666 Dressmakers
- E667 Tailors
- E668 Upholsterers
- E669 Shoe Repairers

PRECISION WORKERS, ASSORTED MATERIALS

- E675 Hand Molders and Shapers, Except Jewelers
- E676 Patternmakers, Layout Workers, and Cutters
- E677 Optical Goods Workers
- E678 Dental Laboratory and Medical Appliance Technicians
- E679 Bookbinders
- E683 Electrical and Electronic Equipment Assemblers
- E684 Miscellaneous Precision Workers, n.e.c.

PRECISION FOOD PRODUCTION OCCUPATIONS

- E685 Precision Food Production Occupations, n.e.c.
- E686 Butchers and Meat Cutters
- E687 Bakers
- E688 Food Batchmakers

PRECISION INSPECTORS, TESTERS, AND
RELATED WORKERS

- E689 Inspectors, Testers, and Graders
- E690 Precision Inspectors, Testers, and Related Workers, n.e.c.
- E693 Adjusters and Calibrators

PLANT AND SYSTEM OPERATORS

- E694 Water and Sewage Treatment Plant Operators
- E695 Power Plant Operators
- E696 Stationary Engineers
- E699 Miscellaneous Plant and System Operators, n.e.c.

Major group F:

**MACHINE OPERATORS, ASSEMBLERS, AND
INSPECTORS**

METALWORKING AND PLASTIC WORKING
MACHINE OPERATORS

- F703 Lathe and Turning-Machine Set-Up Operators
- F704 Lathe and Turning-Machine Operators
- F705 Milling and Planing Machine Operators
- F706 Punching and Stamping Press Operators
- F707 Rolling Machine Operators

- F708 Drilling and Boring Machine Operators
- F709 Grinding, Abrading, Buffing, and Polishing Machine Operators
- F713 Forging Machine Operators
- F714 Numerical Control Machine Operators
- F717 Fabricating Machine Operators, n.e.c.
- F719 Molding and Casting Machine Operators
- F723 Metal Plating Machine Operators
- F724 Heat Treating Equipment Operators

WOODWORKING MACHINE OPERATORS

- F726 Wood Lathe, Routing, and Planing Machine Operators
- F727 Sawing Machine Operators
- F728 Shaping and Joining Machine Operators
- F729 Nailing and Tacking Machine Operators

PRINTING MACHINE OPERATORS

- F734 Printing Press Operators
- F735 Photoengravers and Lithographers
- F736 Typesetters and Compositors

TEXTILE, APPAREL, AND FURNISHINGS
MACHINE OPERATORS

- F738 Winding and Twisting Machine Operators
- F739 Knitting, Looping, Taping, and Weaving Machine Operators
- F743 Textile Cutting Machine Operators
- F744 Textile Sewing Machine Operators
- F745 Shoe Machine Operators
- F747 Pressing Machine Operators
- F748 Laundering and Dry Cleaning Machine Operators

MACHINE OPERATORS, ASSORTED MATERIALS

- F753 Cementing and Gluing Machine Operators
- F754 Packaging and Filling Machine Operators
- F755 Extruding and Forming Machine Operators
- F756 Mixing and Blending Machine Operators
- F757 Separating, Filtering, and Clarifying Machine Operators
- F758 Compressing and Compacting Machine Operators
- F759 Painting and Paint Spraying Machine Operators
- F763 Roasting and Baking Machine Operators, Food
- F764 Washing, Cleaning, and Pickling Machine Operators
- F765 Folding Machine Operators
- F766 Furnace, Kiln, and Oven Operators, Except Food
- F768 Crushing and Grinding Machine Operators
- F769 Slicing and Cutting Machine Operators
- F773 Motion Picture Projectionists

F774 Photographic Process Machine Operators
F777 Miscellaneous Machine Operators, n.e.c.

FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS

F783 Welders and Cutters
F784 Solderers and Braziers
F785 Assemblers
F786 Hand Cutting and Trimming Occupations
F787 Hand Molding, Casting, and Forming Occupations
F789 Hand Painting, Coating, and Decorating Occupations
F793 Hand Engraving and Printing Occupations
F795 Miscellaneous Hand Working Occupations, n.e.c.

PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS

F796 Production Inspectors, Checkers, and Examiners
F797 Production Testers
F798 Production Samplers and Weighers
F799 Graders and Sorters, Except Agricultural
F800 Hand Inspectors, n.e.c.

Major group G:

TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS

MOTOR VEHICLE OPERATORS

G803 Supervisors: Motor Vehicle Operators
G804 Truck Drivers
G806 Driver-Sales Workers
G808 Bus Drivers
G809 Taxicab Drivers and Chauffeurs
G813 Parking Lot Attendants
G814 Motor Transportation Occupations, n.e.c.

RAILROAD TRANSPORTATION OCCUPATIONS

G823 Railroad Conductors and Yardmasters
G824 Locomotive Operating Occupations
G825 Railroad Brake, Signal, and Switch Operators
G826 Rail Vehicle Operators, n.e.c.

WATER TRANSPORTATION OCCUPATIONS

G828 Ship Captains and Mates, Except Fishing Boats
G829 Sailors and Deckhands
G833 Marine Engineers
G834 Bridge, Lock, and Lighthouse Tenders

MATERIAL MOVING EQUIPMENT OPERATORS

G843 Supervisors: Material Moving Equipment Operators
G844 Operating Engineers
G845 Longshore Equipment Operators
G848 Hoist and Winch Operators
G849 Crane and Tower Operators
G853 Excavating and Loading Machine Operators
G855 Grader, Dozer, and Scraper Operators
G856 Industrial Truck and Tractor Equipment Operators
G859 Miscellaneous Material Moving Equipment Operators, n.e.c.

Major group H:

HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS

FARM, FISHING AND FORESTRY OCCUPATIONS - NONFARM SECTOR

H483 Marine Life Cultivation Workers
H484 Nursery Workers
H485 Supervisors, Agriculture-Related Workers
H486 Groundskeepers and Gardeners, Except Farm
H487 Animal Caretakers, Except Farm
H489 Inspectors, Agricultural Products
H494 Supervisors, Forestry and Logging Workers
H495 Forestry Workers, Except Logging
H496 Timber Cutting and Logging Occupations
H497 Captains and Other Officers, Fishing Vessels
H498 Fishers, Hunters, and Trappers

HELPERS, HANDLERS, AND LABORERS

H864 Supervisors: Handlers, Equipment Cleaners, and Laborers, n.e.c.
H865 Helpers, Mechanics and Repairers
H866 Helpers, Construction Trades
H867 Helpers, Surveyor
H868 Helpers, Extractive Occupations
H869 Construction Laborers
H874 Production Helpers
H875 Garbage Collectors
H876 Stevedores
H877 Stock Handlers and Baggers
H878 Machine Feeders and Offbearers
H883 Freight, Stock, and Material Handlers, n.e.c.
H885 Garage and Service Station Related Occupations
H887 Vehicle Washers and Equipment Cleaners
H888 Hand Packers and Packagers
H889 Laborers, Except Construction, n.e.c.

Major group K:

SERVICE OCCUPATIONS, EXCEPT PRIVATE HOUSEHOLD

PROTECTIVE SERVICE OCCUPATIONS

- K413 Supervisors: Firefighting and Fire Prevention Occupations
- K414 Supervisors: Police and Detectives
- K415 Supervisors: Guards
- K416 Fire Inspection and Fire Prevention Occupations
- K417 Firefighting Occupations
- K418 Police and Detectives, Public Service
- K423 Sheriffs, Bailiffs, and Other Law Enforcement Officers
- K424 Correctional Institution Officers
- K425 Crossing Guards
- K426 Guards and Police, Except Public Service
- K427 Protective Service Occupations, n.e.c.

FOOD SERVICE OCCUPATIONS

WAITERS, WAITRESSES, AND BARTENDERS

- K434 Bartenders
- K435 Waiters and Waitresses
- K443 Waiters'/Waitresses' Assistants

OTHER FOOD SERVICE

- K433 Supervisors: Food Preparation and Service Occupations
- K436 Cooks

- K438 Food Counter, Fountain, and Related Occupations
- K439 Kitchen Workers, Food Preparation
- K444 Food Preparation Occupations, n.e.c.

HEALTH SERVICE OCCUPATIONS

- K445 Dental Assistants
- K446 Health Aides, Except Nursing
- K447 Nursing Aides, Orderlies, and Attendants

CLEANING AND BUILDING SERVICE OCCUPATIONS

- K448 Supervisors: Cleaning and Building Service Workers
- K449 Maids and Housemen
- K453 Janitors and Cleaners
- K454 Elevator Operators
- K455 Pest Control Occupations

PERSONAL SERVICE OCCUPATIONS

- K456 Supervisors: Personal Service Occupations
- K457 Barbers
- K458 Hairdressers and Cosmetologists
- K459 Attendants, Amusement and Recreation Facilities
- K461 Guides
- K462 Ushers
- K463 Public Transportation Attendants
- K464 Baggage Porters and Bellhops
- K465 Welfare Service Aides
- K467 Early Childhood Teacher's Assistants
- K468 Child Care Workers, n.e.c.
- K469 Service Occupations, n.e.c.

Appendix C. Occupational Leveling Criteria

Below are the 10 criteria for the occupational leveling of occupations. The description of each level within a factor is included. An example of using these criteria for leveling a job follows in appendix D.

KNOWLEDGE measures the nature and extent of information or facts which the workers must understand to do acceptable work (e.g., steps, procedures, practices, rules, policies, theories, principles, and concepts) and the nature and extent of the skills needed to apply those knowledge's. To be used as a basis for selecting a level under this factor, a knowledge must be required and applied.

1. Knowledge of simple, routine, or repetitive tasks or operations that typically includes following step-by-step instructions and requires little or no previous training or experience;

OR

Skill to operate simple equipment or equipment that operates repetitively, requiring little or no previous training or experience;

OR

Equivalent knowledge and skill.

2. Knowledge of basic or commonly-used rules, procedures, or operations that typically requires some previous training or experience;

OR

Basic skill to operate equipment requiring some previous training or experience, such as keyboard equipment;

OR

Equivalent knowledge and skill.

3. Knowledge of a body of standardized rules, procedures, operations, goods, services, tools, or equipment requiring considerable training and experience to perform the full range of standard clerical assignments and resolve recurring problems;

OR

Skill, acquired through considerable training and experience, to operate and adjust varied equipment for purposes such as performing numerous standardized tests or operations;

OR

Equivalent knowledge and skill.

4. Knowledge of an extensive body of rules, procedures, operations, products or services requiring extended training and experience to perform a wide variety of interrelated or nonstandard procedural assignments and resolve a wide range of problems;

OR

Practical knowledge of standard procedures in a technical field, requiring extended training or experience, to perform such work as: adapting equipment when this requires considering the functioning characteristics of equipment; interpreting results of tests based on previous experience and observations (rather than directly reading instruments or other measures); or extracting information from various sources when this requires considering the applicability of information and the characteristics and quality of the sources;

OR

Comprehensive knowledge of a blue-collar skill, usually acquired through a formal apprenticeship;

OR

Equivalent knowledge and skill.

5. Knowledge (such as would be acquired through a pertinent baccalaureate educational program or its equivalent in experience, training, or independent study) of basic principles, concepts, and methodology of a professional or administrative occupation, and skill in applying this knowledge in carrying out elementary assignments, operations, or procedures;

OR

In addition to the practical knowledge of standard procedures in Level 4, practical knowledge of technical methods to perform assignments such as carrying out limited projects that involve use of specialized, complicated techniques;

OR

Advanced knowledge of a blue-collar skill to solve unusually complex problems;

OR

Equivalent knowledge and skill.

6. Knowledge of the principles, concepts, and methodology of a professional or administrative occupation as described at Level 5 that has been either: (a) supplemented by skill gained through job experience to permit independent performance of recurring assignments or (b) supple-

mented by expanded professional or administrative knowledge gained through relevant graduate study or experience, that has provided skill in carrying out assignments, operations, and procedures in the occupation that are significantly more difficult and complex than those covered by Level 5;

OR

Practical knowledge of a wide range of technical methods, principles, and practices similar to a narrow area of a professional field, and skill in applying this knowledge to such assignments as the design and planning of difficult, but well-precedented projects;

OR

Equivalent knowledge and skill.

7. Knowledge of a wide range of concepts, principles, and practices in a professional or administrative occupation, such as would be gained through extended graduate study or experience, and skill in applying this knowledge to difficult and complex work assignments;

OR

A comprehensive, intensive, practical knowledge of a technical field and skill in applying this knowledge to the development of new methods, approaches, or procedures;

OR

Equivalent knowledge and skill.

8. Mastery of a professional or administrative field to:

Apply experimental theories and new developments to problems not susceptible to treatment by accepted methods;

OR

Make decisions or recommendations significantly changing, interpreting, or developing important policies or programs;

OR

Equivalent knowledge and skill.

9. Mastery of a professional field to generate and develop new hypotheses and theories;

OR

Equivalent knowledge and skill.

SUPERVISION RECEIVED covers the nature and extent of direct or indirect controls exercised by the supervisor, the employee's responsibility and the review of completed work. Controls are exercised by the supervisor in the way assignments are made, instructions are given to the employee, priorities and deadlines are set, and objectives and boundaries are defined. Responsibility of the employee depends upon the extent to which the employee is expected to develop the sequence and timing of various aspects of the work, to modify or recommend modification of instructions, and to participate in establishing priorities and defining objectives. The degree of review of completed work depends upon the nature and extent of the review, e.g., close and detailed review of each phase of the assignment;

detailed review of the finished assignment; spot-check of finished work for accuracy; or review only for adherence to policy.

1. For both one-of-a-kind and repetitive tasks the supervisor makes specific assignments that are accompanied by clear, detailed, and specific instructions.

The employee works as instructed and consults with the supervisor as needed on all matters not specifically covered in the original instructions or guidelines.

For all positions, the work is closely controlled. For some positions, the control is through the structured nature of the work itself; for others, it may be controlled by the circumstances in which it is performed. In some situations, the supervisor maintains control through review of the work, which may include checking progress or reviewing completed work for accuracy, adequacy, and adherence to instructions and established procedures.

2. The supervisor provides continuing or individual assignments by indicating generally what is to be done, limitations, quality and quantity expected, deadlines, and priority of assignments. The supervisor provides additional, specific instructions for new, difficult, or unusual assignments including suggested work methods or advice on source material available.

The employee uses initiative in carrying out recurring assignments independently without specific instruction, but refers deviations, problems, and unfamiliar situations not covered by instructions to the supervisor for decision or help.

The supervisor assures that finished work and methods used are technically accurate and in compliance with instructions or established procedures. Review of the work increases with more difficult assignments if the employee has not previously performed similar assignments.

3. The supervisor makes assignments by defining objectives, priorities, and deadlines; and assists employee with unusual situations that do not have clear precedents.

The employee plans and carries out the successive steps and handles problems and deviations in the work assignment in accordance with instructions, policies, previous training, or accepted practices in the occupation.

Completed work is usually evaluated for technical soundness, appropriateness, and conformity to policy and requirements. The methods used in arriving at the end results are not usually reviewed in detail.

4. The supervisor sets the overall objectives and resources available. The employee and supervisor, in consultation, develop the deadlines, projects, and work to be done.

At this level, the employee, having developed expertise in the line of work, is responsible for planning and carrying out the assignment; resolving most of the conflicts that arise; coordinating the work with others as necessary; and interpreting policy on own initiative in terms of established

objectives. In some assignments, the employee also determines the approach to be taken and the methodology to be used. The employee keeps the supervisor informed of progress, potentially controversial matters, or far-reaching implications.

Completed work is reviewed only from an overall standpoint in terms of feasibility, compatibility with other work, or effectiveness in meeting requirements or expected results.

5. The supervisor provides administrative direction with assignments in terms of broadly defined missions or functions.

The employee has responsibility for planning, designing, and carrying out programs, projects, studies, or other work independently.

Results of the work are considered as technically authoritative and are normally accepted without significant change. If the work should be reviewed, the review concerns such matters as fulfillment of program objectives, effect of advice and influence on the overall program, or the contribution to the advancement of technology. Recommendations for new projects and alteration of objectives are usually evaluated for such considerations as availability of funds and other resources, broad program goals, or priorities.

GUIDELINES covers the nature of guidelines and the judgment needed to apply them. Guides used include, for example: desk manuals, established procedures and policies, traditional practices, and reference materials such as dictionaries, style manuals, engineering handbooks, and the pharmacopoeia.

Individual jobs in different occupations vary in the specificity, applicability and availability of the guidelines for performance of assignments. Consequently, the constraints and judgmental demands placed upon employees also vary. For example, the existence of specific instructions, procedures, and policies may limit the opportunity of the employee to make or recommend decisions or actions. However, in the absence of procedures or under broadly stated objectives, employees in some occupations may use considerable judgment in researching literature and developing new methods.

Guidelines should not be confused with the knowledge's described under Factor 1, Knowledge. Guidelines either provide reference data or impose certain constraints on the use of knowledge's. For example, in the field of medical technology, for a particular diagnosis there may be three or four standardized tests set forth in a technical manual. A medical technologist is expected to know these diagnostic tests. However, in a given laboratory the policy may be to use only one of the tests; or the policy may state specifically under what conditions one or the other of these tests may be used.

1. Specific, detailed guidelines covering all important aspects of the assignment are provided to the employee. The employee works in strict adherence to the guidelines; deviations must be authorized by the supervisor.

2. Procedures for doing the work have been established and a number of specific guidelines are available.

The number and similarity of guidelines and work situations requires the employee to use judgment in locating and selecting the most appropriate guidelines, references, and procedures for application, and in making minor deviations to adapt the guidelines in specific cases. At this level, the employee may also determine which of several established alternatives to use. Situations to which the existing guidelines cannot be applied or significant proposed deviations from the guidelines are referred to the supervisor.

3. Guidelines are available, but are not completely applicable to the work or have gaps in specificity.

The employee uses judgment in interpreting and adapting guidelines such as policies, regulations, precedents, and work directions for application to specific cases or problems. The employee analyzes results and recommends changes.

4. Administrative policies and precedents are applicable but are stated in general terms. Guidelines for performing the work are scarce or of limited use.

The employee uses initiative and resourcefulness in deviating from traditional methods or researching trends and patterns to develop new methods, criteria, or proposed new policies.

5. Guidelines are broadly stated and nonspecific, e.g., broad policy statements and basic legislation that require extensive interpretation.

The employee must use judgment and ingenuity in interpreting the intent of the guides that do exist and in developing applications to specific areas of work. Frequently, the employee is recognized as a technical authority in the development and interpretation of guidelines.

COMPLEXITY covers the nature, number, variety, and intricacy of tasks, steps, processes, or methods in the work performed; the difficulty in identifying what needs to be done; and the difficulty and originality involved in performing the work.

1. The work consists of tasks that are clear-cut and directly related. There is little or no choice to be made in deciding what needs to be done. Actions to be taken or responses to be made are readily discernible. The work is quickly mastered.

2. The work consists of duties that involve related steps, processes, or methods.

The decision regarding what needs to be done involves various choices requiring the employee to recognize the existence of and differences among a few easily recognizable situations.

Actions to be taken or responses to be made differ in such things as the source of information, the kind of transactions or entries, or other differences of a factual nature.

3. The work includes various duties involving different and unrelated processes and methods.

The decision regarding what needs to be done depends upon the analysis of the subject, phase, or issues involved in each assignment, and the chosen course of action may have to be selected from many alternatives.

The work involves conditions and elements that must be identified and analyzed to discern interrelationships.

4. The work typically includes varied duties requiring many different and unrelated processes and methods such as those relating to well-established aspects of an administrative or professional field.

Decisions regarding what needs to be done include the assessment of unusual circumstances, variations in approach, and incomplete or conflicting data.

The work requires making many decisions concerning such things as the interpreting of considerable data, planning of the work, or refining the methods and techniques to be used.

5. The work includes varied duties requiring many different and unrelated processes and methods applied to a broad range of activities or substantial depth of analysis, typically for an administrative or professional field.

Decisions regarding what needs to be done include major areas of uncertainty in approach, methodology, or interpretation and evaluation processes resulting from such elements as continuing changes in program, technological developments, unknown phenomena, or conflicting requirements.

The work requires originating new techniques, establishing criteria, or developing new information.

6. The work consists of broad functions and processes of an administrative or professional field. Assignments are characterized by breadth and intensity of effort and involve several phases being pursued concurrently or sequentially with the support of others within or outside of the organization.

Decisions regarding what needs to be done include largely undefined issues and elements, requiring extensive probing and analysis to determine the nature and scope of the problems.

The work requires continuing efforts to establish concepts, theories, or programs, or to resolve unyielding problems.

SCOPE AND EFFECT covers the relationship between the nature of the work, i.e., the purpose, breadth, and depth of the assignment, and the effect of work products or services both within and outside the organization.

Effect measures such things as whether the work output facilitates the work of others, provides timely services of a personal nature, or impacts on the adequacy of research conclusions. The concept of effect alone does not provide sufficient information to properly understand and evaluate the impact of the position. The scope of the work completes the picture, allowing consistent evaluations. Only the effect of properly performed work is to be considered.

1. The work involves the performance of specific, routine operations that include a few separate tasks or procedures.

The work product or service is required to facilitate the work of others; however, it has little impact beyond the immediate organizational unit or beyond the timely provision of limited services to others.

2. The work involves the execution of specific rules, regulations, or procedures and typically comprises a complete segment of an assignment or project of broader scope.

The work product or service affects the accuracy, reliability, or acceptability of further processes or services.

3. The work involves treating a variety of conventional problems, questions, or situations in conformance with established criteria.

The work product or service affects the design or operation of systems, programs, or equipment; the adequacy of such activities as field investigations, testing operations, or research conclusions; or the social, physical, and economic well-being of persons.

4. The work involves establishing criteria; formulating projects; assessing program effectiveness; or investigating or analyzing variety of unusual conditions, problems, or questions.

The work product or service affects a wide range of establishment activities, major activities of industrial concerns, or the operation of other organizations.

5. The work involves isolating and defining unknown conditions, resolving critical problems, or developing new theories.

The work product or service affects the work of other experts, the development of major aspects of administrative or scientific programs or missions, or the well-being of substantial numbers of people.

6. The work involves planning, developing, and carrying out vital administrative or scientific programs.

The programs are essential to the missions of the overall organization or affect large numbers of people on a long-term or continuing basis.

PERSONAL CONTACTS includes face-to-face contacts and telephone and radio dialogue with persons not in the supervisory chain. (NOTE: Personal contacts with supervisors are covered under Factor 2, Supervision Received.) Levels described under this factor are based on what is required to make the initial contact, the difficulty of communicating with those contacted, and the setting in which the contact takes place (e.g., the degree to which the employee and those contacted recognize their relative roles and authorities).

Above the lowest level, points should be credited under this factor only for contacts that are essential for successful performance of the work, and that have a demonstrable impact on the difficulty and responsibility of the work performed.

The relationship of Factors 6 (Personal Contacts) and 7 (Purpose of Contacts) presumes that the same contacts will be evaluated for both factors. Therefore, use the personal contacts that serve as the basis for the level selected for Factor 7 as the basis for selecting a level for Factor 6.

1. The personal contacts are with employees within the immediate organization, office, project, or work unit, and in related or support units;

AND/OR

The contacts are with members of the general public in very highly structured situations (e.g., the purpose of the contact and the question of with whom to deal are relatively clear). Typical of contacts at this level are purchases of admission tickets at a ticket window.

2. The personal contacts are with employees in the same overall organization, but outside the immediate organization. People contacted generally are engaged in different functions, missions, and kinds of work, e.g., representatives from various levels within the overall organizations such as headquarters, district offices, or local offices, plants, stores, or other operating units in the immediate installation.

AND/OR

The contacts are with members of the general public, as individuals or groups, in a moderately structured setting (e.g., the contacts are generally established on a routine basis, usually at the employee's work place; the exact purpose of the contact may be unclear at first to one or more of the parties; and one or more of the parties may be uninformed concerning the role and authority of other participants).

3. The personal contacts are with individuals or groups from outside the employing establishment in a moderately unstructured setting (e.g., the contacts are not established on a routine basis; the purpose and extent of each contact is different and the role and authority of each party is identified and developed during the course of the contact). Typical of contacts at this level are those with persons in their capacities as attorneys; contractors; or representatives of professional organizations, the news media, or public action groups.

4. The personal contacts are with high-ranking officials from outside the employing establishment at national or international levels in highly unstructured settings (e.g., contacts are characterized by problems such as: the officials may be relatively inaccessible; arrangements may have to be made for accompanying staff members; appointments may have to be made well in advance; each party may be very unclear as to the role and authority of the other; and each contact may be conducted under different ground rules). Typical of contacts at this level are those with presidents of large national or international firms, nationally recognized representatives of the news media, presidents of national unions, members of Congress, leading representatives of foreign governments, State governors, or mayors of large cities.

PURPOSE OF CONTACTS ranges from factual exchanges of information to situations involving significant or controversial issues and differing viewpoints, goals, or objectives. The personal contacts that serve as the basis for the level selected for this factor must be the same as the contacts that are the basis for the level selected for Factor 6.

1. The purpose is to obtain, clarify, or give facts or information regardless of the nature of those facts, i.e., the facts or information may range from easily understood to highly technical.

2. The purpose is to plan, coordinate, or advise on work efforts or to resolve operating problems by influencing or motivating individuals or groups who are working toward mutual goals and who have basically cooperative attitudes.

3. The purpose is to influence, motivate, convince, or question persons or groups. Those contacted may be hesitant or skeptical, so the employee must be skillful in approaching the individual or group in order to obtain the desired response.

OR

The purpose is to interrogate or control persons or groups who may be fearful, uncooperative, or dangerous. Therefore, the employee must be skillful in approaching the individual or group in order to obtain the desired effect, such as, gaining compliance with established policies and regulations by persuasion or negotiation, or gaining information by establishing rapport with a suspicious informant.

4. The purpose is to justify, defend, negotiate, or settle matters involving significant or controversial issues. Work at this level usually involves active participation in conferences, meetings, hearings, or presentations involving problems or issues of considerable consequence or importance. The persons contacted typically have diverse viewpoints, goals, or objectives requiring the employee to achieve a common understanding of the problem and a satisfactory solution by convincing them, arriving at a compromise, or developing suitable alternatives.

PHYSICAL DEMANDS covers the requirements and physical demands placed on the employee by the work assignment. This includes physical characteristics and abilities (e.g., specific agility and dexterity requirements) and the physical exertion involved in the work (e.g., climbing, lifting, pushing, balancing, stooping, kneeling, crouching, crawling, or reaching). To some extent the frequency or intensity of physical exertion must also be considered, e.g., a job requiring prolonged standing involves more physical exertion than a job requiring intermittent standing.

1. The work is sedentary. Typically, the employee may sit comfortably to do the work. However, there may be some walking; standing; bending; carrying of light items such as papers, books, or small parts; driving an automobile, etc. No special physical demands are required to perform the work.

2. The work requires some physical exertion such as long periods of standing; walking over rough, uneven, or rocky surfaces; recurring bending, crouching, stooping, stretching, reaching, or similar activities; recurring lifting of moderately heavy items such as personal computers and record boxes. The work may require specific, but common, physical characteristics and abilities such as above-average agility and dexterity.

3. The work requires considerable and strenuous physical exertion such as frequent climbing of tall ladders, lifting heavy objects over 50 pounds, crouching or crawling in restricted areas, and defending oneself or others against physical attack.

WORK ENVIRONMENT considers the risks and discomforts in the employee's physical surroundings or the nature of the work assignment and the safety regulations required. Although the use of safety precautions can practically eliminate a certain danger or discomfort, such situations typically place additional demands upon the employee in carrying out safety regulations and techniques.

1. The work environment involves everyday risks or discomforts that require normal safety precautions typical of such places as offices, meeting and training rooms, libraries, and residences or commercial vehicles, e.g., use of safe work practices with office equipment, avoidance of trips and falls, observance of fire regulations and traffic signals, etc. The work area is adequately lighted, heated, and ventilated.

2. The work involves moderate risks or discomforts that require special safety precautions, e.g., working around

moving parts, carts, or machines; with contagious diseases or irritant chemicals; etc. Employees may be required to use protective clothing or gear such as masks, gowns, coats, boots, goggles, gloves, or shields.

3. The work environment involves high risks with exposure to potentially dangerous situations or unusual environmental stress that require a range of safety and other precautions, e.g., working at great heights under extreme outdoor weather conditions, subject to possible physical attack or mob conditions, or similar situations where conditions cannot be controlled.

SUPERVISORY DUTIES describes the level of supervisory responsibility for a position.

1. No supervisory responsibility.

2. A nonsupervisory position. Incumbent sets the pace of work for the group and shows other workers in the group how to perform assigned tasks. Commonly performs the same work as the group, in addition to lead duties. Can also be called group leader, team leader, or lead worker.

3. Directs staff through face to face meetings. Organizational structure is not complex and internal and administrative procedures are simple. Performing the same work as subordinates is not the principal duty. Typically, this is the first supervisory level.

4. Directs staff through intermediate supervisors. Internal procedures and administrative controls are formal. Organizational structure is complex and is divided into subordinate groups that may differ from each other as to subject matter and function

5. Directs staff through two or more subordinate supervisory levels with several subdivisions at each level. Programs are usually inter-locked on a direct and continuing basis with other organizational segments, requiring constant attention to extensive formal coordination, clearances, and procedural controls.

6. Executives and technical authorities. Executives plan, organize, direct, and control the major functions of an industrial, commercial, nonprofit, or governmental establishment through subordinates who are at the managerial or supervisory level. Technical authorities perform work above level 15, and are recognized by the specialized international community as outstanding individual researchers and/or consultants in their respective broad discipline, e.g., sciences, engineering, or medicine.

Appendix D. Evaluating Your Firm's Jobs

To compare data on their firm's jobs with statistics contained in this bulletin, data users need to be able to determine their jobs' work levels. Using the example of a dental hygienist, this appendix will go through the procedure for determining the work level of a particular job.

To determine the work level of a job, it must be evaluated using the occupational leveling factors. With the information available, such as a written position description and other knowledge of the job, each factor must be reviewed. Comparing that information to the descriptions of each level within a factor as shown in Appendix C, the level best matching the job should be chosen and recorded. (Note that the number of levels varies by factor.)

Occupational leveling: an example

Knowledge

Hygienist must have a dental hygienist license, which requires 2 years of schooling and passage of a technical exam. This is a mid-level hygienist job, which means a worker must have at least 3 years of experience. The procedures are essentially the same every day, such as cleaning teeth, checking gums, and taking x-rays.

Level 4.

Supervision received

Most of the tasks are performed without supervision. For more complicated procedures, such as tooth filling, the dental hygienist assists the dentist.

Level 2.

Guidelines

A hygienist knows which procedure to use for different dental problems. Unusual situations are handled after checking with the supervisor.

Level 2.

Complexity

Each procedure performed leads to the next, for example, examining gums, scraping plaque, then cleaning teeth.

Level 2.

Scope and effect

In terms of process, the dentist's work follows the hygienist's. In terms of effect, the hygienist doing a thorough cleaning in preparation for the dentist's work allows the dentist to do a complete exam and properly treat the patient.

Level 2.

Personal contacts

Patients come to the clinic or occasionally the hygienist will travel to perform work or give a talk at a school.

Level 2.

Purpose of contacts

Most of hygienist's interaction is with patients; no planning or coordination work is involved.

Level 1.

Physical demands

The work is sedentary.

Level 1.

Work environment

Hygienist must take precautions not to be exposed to x-rays, punctures, etc.

Level 2.

Supervisory duties

A dental hygienist at this level does not supervise anyone.

Level 1.

Assigning points

Once the correct level has been identified within each factor, the points associated with each level are recorded.

Summing the points for all factors gives the total points for the job. Using the factors above and the table at the end of this section showing the points associated with each level within a factor, a sample worksheet was filled out for the dental hygienist position.

Occupational leveling worksheet

Company job title: Dental Hygienist

Factor	Level	Points
Knowledge	4	550
Supervision Received	2	125
Guidelines	2	125
Complexity	2	75
Scope and effect	2	75
Personal contacts	2	25
Purpose of contacts	1	20
Physical demands	1	5
Work environment	2	20
Supervisory duties	1	0
Total	5	1,020

Determining the work level

The following chart takes the point total determined using the worksheet and converts it to an overall work level for the job. There are 15 work levels, based on those used to rank Federal civil service white-collar jobs, each identified by a point range. The 1,020 total points for the dental hygienist job puts it in level 5.

Point ranges by work level

Range of Occupational Level Points

Level	Low	High
1	190	254
2	255	454
3	455	654
4	655	854
5	855	1,104
6	1,105	1,354
7	1,355	1,604
8	1,605	1,854
9	1,855	2,104
10	2,105	2,354
11	2,355	2,754
12	2,755	3,154
13	3,155	3,604
14	3,605	4,054
15	4,055	
and up		

Comparing wages

Once the work level has been identified for a job, wages for that job can be compared to wages for similar jobs at the same work level. BLS publishes hourly wage rates by work level within nine major occupational groups, which are combinations of similar individual occupations. The groups and work levels available vary by area. Employers can also use the data on work levels to compare different jobs in their establishment.

Points associated with each factor level

Factor	1	2	3	4	5	6	7	8	9
Knowledge	50	200	350	550	750	950	1,250	1,550	1,850
Supervision received	25	125	275	450	650	X	X	X	X
Guidelines	25	125	275	450	650	X	X	X	X
Complexity	25	75	150	225	325	450	X	X	X
Scope and effect	25	75	150	225	325	450	X	X	X
Personal contacts	10	25	60	110	X	X	X	X	X
Purpose of contacts	20	50	120	220	X	X	X	X	X
Physical demands	5	20	50	X	X	X	X	X	X
Work environment	5	20	50	X	X	X	X	X	X
Supervisory duties	0	0	0	0	0	0	X	X	X

Note: X indicates that a level is not associated with a given factor. For example, for physical demands, point levels 1, 2, and 3 are the only choices.

Appendix E. Census Divisions and Survey Areas

This appendix lists the nine census divisions, the States included in each division, and the 154 metropolitan and nonmetropolitan areas surveyed under the NCS.

Census Division and States

NEW ENGLAND	MIDDLE ATLANTIC¹	EAST NORTH CENTRAL²	WEST NORTH CENTRAL³
Connecticut	New Jersey	Illinois	Iowa
Maine	New York	Indiana	Kansas
Massachusetts	Pennsylvania	Michigan	Minnesota
New Hampshire		Ohio	Missouri
Rhode Island		Wisconsin	Nebraska
Vermont			North Dakota
			South Dakota
SOUTH ATLANTIC	EAST SOUTH CENTRAL⁴	WEST SOUTH CENTRAL	MOUNTAIN
Delaware	Alabama	Arkansas	Arizona
District of Columbia	Kentucky	Louisiana	Colorado
Florida	Mississippi	Oklahoma	Idaho
Georgia	Tennessee	Texas	Montana
Maryland			Nevada
North Carolina			New Mexico
South Carolina			Utah
Virginia			Wyoming
West Virginia			
PACIFIC			
Alaska			
California			
Hawaii			
Oregon			
Washington			

¹ The Middle Atlantic census division also includes the New York, NY, Consolidated Metropolitan Statistical Area (which consists of parts of New York, New Jersey, Connecticut, and Pennsylvania), and the Philadelphia, PA, Consolidated Metropolitan Statistical Area (which consists of parts of Pennsylvania, New Jersey, Delaware, and Maryland).

² The East North Central census division also includes the Cincinnati, OH, Consolidated Metropolitan Statistical Area (which consists of parts of Ohio, Kentucky, and Indiana).

³ The West North Central census division also includes the St. Louis, MO, Metropolitan Statistical Area (which consists of parts of Missouri and Illinois) and the Minneapolis-St. Paul, MN Metropolitan Statistical Area (which consists of parts of Minnesota and Wisconsin).

⁴ The East South Central census division also includes the Louisville, KY, Metropolitan Statistical Area, (which consists of parts of Kentucky and Indiana) and the Memphis, TN, Metropolitan Statistical Area, (which consists of parts of Tennessee, Arkansas, and Mississippi).

Survey areas**Geographic coverage⁵**

AMARILLO, TX*	MSA
ANCHORAGE, AK*	MSA
ANDREWS, TX	COUNTY
ATLANTA, GA*	MSA
AUGUSTA-AIKEN, GA-SC*	MSA
AUSTIN-SAN MARCOS, TX*	MSA
BANNOCK, ID	COUNTY
BIRMINGHAM, AL*	MSA
BLOOMINGTON, IN*	MSA
BLOOMINGTON-NORMAL, IL*	MSA
BOSTON-WORCESTER-LAWRENCE, MA-NH-ME-CT*	CMSA
BRADLEY, TN	COUNTY
BROWNSVILLE-HARLINGEN-SAN BENITO, TX*	MSA
BUFFALO-NIAGRA FALLS, NY*	MSA
CARSON CITY, NV	COUNTY
CHARLESTON-NORTH CHARLESTON, SC*	MSA
CHARLOTTE-GASTONIA-ROCK HILL, NC-SC*	MSA
CHESHIRE, NH	COUNTY
CHEYENNE, CO	COUNTY
CHICAGO-GARY-KENOSHA, IL-IN-WI*	CMSA
CHOCTAW, AL	COUNTY
CINCINNATI-HAMILTON, OH-KY-IN*	CMSA
CITRUS, FL	COUNTY
CLATSOP, OR	COUNTY
CLEVELAND-AKRON, OH*	CMSA
CLINTON, IA	COUNTY
CLINTON, NY	COUNTY
COLUMBIA, NY	COUNTY
COLUMBUS, OH*	MSA
CORPUS CHRISTI, TX*	MSA
CRAVEN, NC	COUNTY
CROOK, OR	COUNTY
DALLAS-FORT WORTH, TX*	CMSA
DAYTON-SPRINGFIELD, OH*	MSA
DECATUR, GA	COUNTY
DELTA, MI*	COUNTY
DENVER-BOULDER-GREELEY, CO*	CMSA
DES MOINES, IA	COUNTY
DETROIT-ANN ARBOR-FLINT, MI*	CMSA
DORCHESTER, MD	COUNTY
ELKHART-GOSHEN, IN*	MSA
FAIRBANKS-NORTH STAR, AK	COUNTY
FERGUS, MT*	COUNTY
FOND DU LAC, WI	COUNTY
FORT COLLINS-LOVELAND, CO*	MSA
FRANKLIN, VA	COUNTY
FREEBORN, MN	COUNTY

Survey areas**Geographic coverage⁵**

GEORGETOWN, SC	COUNTY
GILLESPIE, TX*	COUNTY
GOODHUE, MN	COUNTY
GRAFTON, NH	COUNTY
GRAND RAPIDS-MUSKEGON-HOLLAND, MI*	MSA
GREAT FALLS, MT*	MSA
GREEN LAKE, WI	COUNTY
GREENSBORO--WINSTON-SALEM--HIGH POINT, NC*	MSA
GREENVILLE-SPARTANBURG-ANDERSON, SC*	MSA
GREENWOOD, SC	COUNTY
GRIGGS, ND*	COUNTY
HARRISON, KY*	COUNTY
HARTFORD, CT*	MSA
HENDERSON, IL	COUNTY
HENRY, AL	COUNTY
HICKORY-MORGANTON-LENOIR, NC*	MSA
HONOLULU, HI*	MSA
HOUSTON-GALVESTON-BRAZORIA, TX*	CMSA
HUNTSVILLE, AL*	MSA
INDIANAPOLIS, IN*	MSA
IOWA CITY, IA*	MSA
JEFFERSON, IN	COUNTY
JOHNSTOWN, PA*	MSA
JUNEAU, AK*	COUNTY
JUNEAU, WI	COUNTY
KALAMAZOO-BATTLE CREEK, MI*	MSA
KANSAS CITY, MO-KS*	MSA
KAUAI, HI	COUNTY
KNOXVILLE, TN*	MSA
LEE, MS	COUNTY
LEWIS, MO	COUNTY
LIBERTY, GA	COUNTY
LINCOLN, NE*	MSA
LINCOLN, WY	COUNTY
LOGAN, NE	COUNTY
LOS ANGELES-RIVERSIDE-ORANGE COUNTY, CA*	CMSA
LOUISVILLE, KY-IN*	MSA
MADISON, NE	COUNTY
MARSHALL, IN	COUNTY
MELBOURNE-TITUSVILLE-PALM BAY, FL*	MSA
MEMPHIS, TN-AR-MS*	MSA
MIAMI-FORT LAUDERDALE, FL*	CMSA
MILWAUKEE-RACINE, WI*	CMSA
MINNEAPOLIS-ST. PAUL, MN-WI*	MSA
MOBILE, AL*	MSA
MONROE, OH	COUNTY
MONTGOMERY, VA	COUNTY
MOORE, NC	COUNTY

Survey areas**Geographic coverage⁵**

MORGAN, IL	COUNTY
NEW ORLEANS, LA*	MSA
NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-CT-PA*	CMSA
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC*	MSA
NORTHUMBERLAND, PA	COUNTY
OCALA, FL*	MSA
OKLAHOMA CITY, OK*	MSA
ORANGE, VT	COUNTY
ORLANDO, FL*	MSA
PALO PINTO, TX	COUNTY
PANOLA, TX*	COUNTY
PHILADELPHIA-WILMINGTON-ATLANTIC CITY, PA-NJ-DE-MD*	CMSA
PHOENIX-MESA, AZ*	MSA
PITTSBURGH, PA*	MSA
POLK, NC*	COUNTY
POPE, AR	COUNTY
PORTLAND-SALEM, OR-WA*	CMSA
PRAIRIE, AR	COUNTY
PROVIDENCE-FALL RIVER-WARWICK, RI-MA*	MSA
RALEIGH-DURHAM-CHAPEL HILL, NC*	MSA
READING, PA*	MSA
RENO, NV*	MSA
RICHLAND-KENNEWICK-PASCO, WA*	MSA
RICHMOND-PETERSBURG, VA*	MSA
ROCHESTER, NY*	MSA
ROCKFORD, IL*	MSA
SACRAMENTO-YOLO, CA*	CMSA
SALINAS, CA*	MSA
SAN ANTONIO, TX*	MSA
SAN DIEGO, CA*	MSA
SAN FRANCISCO-OAKLAND-SAN JOSE, CA*	CMSA
SAUK, WI	COUNTY
SEATTLE-TACOMA-BREMERTON, WA*	CMSA
SENECA, OH	COUNTY
SEWARD, NE	COUNTY
SKAGIT, WA	COUNTY
SPRINGFIELD, MA*	MSA
SPRINGFIELD, MO*	MSA
ST. FRANCIS, AR	COUNTY
ST. LAWRENCE, NY	COUNTY
ST. LOUIS, MO-IL*	MSA
TALLAHASSEE, FL*	MSA
TAMA, IA	COUNTY
TAMPA-ST. PETERSBURG-CLEARWATER, FL*	MSA
TATTNALL, GA*	COUNTY

Survey areas**Geographic coverage⁵**

TAYLOR, KY	COUNTY
TUNICA, MS	COUNTY
VERMILION, LA	PARISH
VISALIA-TULARE-PORTERVILLE, CA*	MSA
WARD, ND	COUNTY
WASCO, OR*	COUNTY
WASHINGTON, GA	COUNTY
WASHINGTON-BALTIMORE, DC-MD-VA-WV*	CMSA
WAYNE, OH	COUNTY
WAYNE, TN	COUNTY
WINSTON, MS*	COUNTY
YAVAPAI, AZ	COUNTY
YORK, PA*	MSA
YOUNGSTOWN-WARREN, OH*	MSA

⁵ Metropolitan areas are either Metropolitan Statistical Areas (MSA) or Consolidated Metropolitan Statistical Areas (CMSA). Nonmetropolitan areas are identified as counties or parishes. Asterisk (*) indicates that results have been published for the locality. Data for other areas did not

meet publication standards. The geographical definitions of published metropolitan area surveys are available on the Internet. The address is: <http://www.bls.gov/ncs/ocs/compub.htm>.