

National Compensation Survey: Occupational Wages in the United States, July 2002



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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.

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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. Table 1-2 concentrates on State and local government earnings. 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 July 2002, workers in the United States earned an average of \$17.18 per hour. White-collar occupations earned an average of \$21.09 per hour, blue-collar occupations earned \$14.51, and service occupations earned \$10.32. Average hourly earnings in private industry were \$16.40, compared with \$21.54 in State and local government. Part of this disparity can be explained by differences in the occupational and industrial composition of the two sectors. For example, professional and technical occupations are more common in State and local government than in private industry. Conversely, there are few State and local government workers in goods-producing industries other than construction.

Average hourly earnings among white-collar occupations in private industry were \$20.34, compared with \$24.32 in State and local government. Among white-collar major occupational groups, workers in professional special-

ty and technical occupations earned \$28.77 an hour in State and local government, while their private industry counterparts earned \$26.44. 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 \$31.55 in the private sector and \$29.27 in State and local government. Sales workers in private industry earned an average of \$14.51 an hour, compared with \$12.93 earned by their State and local government counterparts. Average hourly earnings of workers in administrative support occupations were \$13.33 in the private sector and \$13.79 in State and local government.

In State and local government, blue-collar workers earned an average of \$16.59 an hour, compared with \$14.39 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 \$8.85, compared with \$16.19 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 July 2002

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	\$17.18	0.8	35.8	\$16.40	0.9	35.6	\$21.54	0.9	36.7
Worker characteristics:⁴									
White-collar occupations ⁵	21.09	.9	36.1	20.34	1.1	36.0	24.32	.9	36.5
Professional specialty and technical ...	27.18	1.3	36.1	26.44	1.8	36.2	28.77	.9	35.9
Executive, administrative, and managerial	31.16	2.6	40.0	31.55	3.2	40.3	29.27	2.5	38.6
Sales	14.50	2.1	32.6	14.51	2.1	32.6	12.93	5.6	33.6
Administrative support	13.41	.5	36.4	13.33	.6	36.3	13.79	1.3	36.6
Blue-collar occupations ⁵	14.51	.9	38.2	14.39	.9	38.2	16.59	1.2	37.6
Precision production, craft, and repair	18.20	1.1	39.6	18.15	1.2	39.6	18.91	1.9	39.8
Machine operators, assemblers, and inspectors	12.94	1.4	39.2	12.93	1.4	39.2	16.14	10.1	38.9
Transportation and material moving ...	14.25	1.5	37.5	14.10	1.7	37.9	15.52	1.7	34.2
Handlers, equipment cleaners, helpers, and laborers	10.98	1.3	35.6	10.82	1.3	35.4	13.76	2.4	38.7
Service occupations ⁵	10.32	1.3	31.6	8.85	1.0	30.5	16.19	1.3	36.9
Full time	18.14	.9	39.6	17.41	.9	39.7	21.94	.9	38.8
Part time	9.66	1.0	20.5	9.27	1.0	20.6	14.68	3.0	19.1
Union	20.65	.8	36.9	18.76	.9	37.1	23.35	1.4	36.7
Nonunion	16.42	1.0	35.6	16.06	1.0	35.4	19.82	1.6	36.7
Time	16.89	1.0	35.7	16.00	1.0	35.5	21.54	.9	36.7
Incentive	22.52	6.5	38.3	22.52	6.5	38.3	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	17.74	1.2	39.5	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	15.88	1.1	34.3	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	14.43	1.2	34.6	14.39	1.2	34.6	17.39	5.3	36.3
100 to 499 workers	16.73	1.4	36.3	16.35	1.6	36.4	19.89	1.6	35.6
500 to 999 workers	18.80	2.3	37.2	17.86	2.9	37.5	21.93	2.1	36.2
1,000 to 2,499 workers	20.75	3.5	36.5	20.66	4.9	36.6	20.98	1.8	36.2
2,500 workers or more	23.30	2.0	37.4	24.17	3.9	37.2	22.56	1.3	37.5
Geographic areas:⁸									
Metropolitan	17.56	.8	35.7	16.79	.8	35.6	22.37	.8	36.7
Nonmetropolitan	14.20	2.7	36.4	12.91	3.1	36.3	18.02	1.9	36.8
New England	18.61	2.9	34.4	17.73	3.5	34.2	24.55	2.6	35.8
Middle Atlantic	19.79	1.8	34.8	18.93	1.5	34.7	24.69	1.9	35.4
East North Central	17.42	1.2	35.7	16.64	1.3	35.6	22.47	2.3	35.9
West North Central	16.11	4.1	35.3	15.31	4.3	35.0	20.40	3.5	37.2
South Atlantic	15.97	1.9	36.4	15.38	2.4	36.1	18.84	1.2	38.0
East South Central	14.19	5.0	37.1	13.67	5.3	37.1	17.94	4.3	37.2
West South Central	15.39	1.5	36.6	14.81	1.6	36.3	18.24	1.4	38.2
Mountain	15.67	3.6	35.5	14.67	2.6	35.2	21.50	3.2	37.1
Pacific	19.08	1.8	35.8	18.01	2.4	35.9	24.87	.8	35.6

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

² This survey covers all 50 States. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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. See appendix B for more information.

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 nine census divisions. See appendix E for a list of survey areas and States making up 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 July 2002

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	\$21.54	0.9	36.7	\$20.67	2.5	38.7	\$21.89	0.8	36.0
Worker characteristics:⁴									
White-collar occupations ⁵	24.32	.9	36.5	22.88	2.5	38.6	24.95	.9	35.6
Professional specialty and technical	28.77	.9	35.9	26.88	2.6	38.3	29.49	.8	35.1
Executive, administrative, and managerial	29.27	2.5	38.6	26.98	5.0	39.2	30.90	1.6	38.2
Sales	12.93	5.6	33.6	13.68	5.7	37.2	12.52	7.9	31.9
Administrative support	13.79	1.3	36.6	13.72	3.1	38.6	13.82	1.0	35.7
Blue-collar occupations ⁵	16.59	1.2	37.6	15.69	1.9	39.2	16.81	1.4	37.2
Precision production, craft, and repair	18.91	1.9	39.8	16.52	2.2	39.8	19.89	2.2	39.8
Machine operators, assemblers, and inspectors	16.14	10.1	38.9	14.50	7.9	38.4	16.74	12.5	39.1
Transportation and material moving	15.52	1.7	34.2	16.27	3.9	39.1	15.44	1.8	33.8
Handlers, equipment cleaners, helpers, and laborers	13.76	2.4	38.7	12.77	6.1	37.4	13.96	2.7	39.0
Service occupations ⁵	16.19	1.3	36.9	15.42	2.5	39.0	16.47	1.6	36.2
Full time	21.94	.9	38.8	20.69	2.5	39.6	22.46	.8	38.4
Part time	14.68	3.0	19.1	19.54	11.3	19.6	14.02	3.0	19.1
Union	23.35	1.4	36.7	20.17	3.0	38.4	24.34	1.2	36.2
Nonunion	19.82	1.6	36.7	21.00	4.0	38.9	19.24	1.0	35.7
Establishment characteristics:									
1 to 99 workers ⁶	17.39	5.3	36.3	20.17	21.8	38.6	16.97	4.3	35.9
100 to 499 workers	19.89	1.6	35.6	17.05	4.4	37.9	20.23	1.6	35.4
500 to 999 workers	21.93	2.1	36.2	18.80	4.2	38.7	22.47	2.2	35.8
1,000 to 2,499 workers	20.98	1.8	36.2	17.67	4.8	38.9	21.97	1.7	35.5
2,500 workers or more	22.56	1.3	37.5	21.78	2.1	38.8	23.12	1.4	36.6
Geographic areas:⁷									
Metropolitan	22.37	.8	36.7	21.25	2.2	38.6	22.83	.8	36.0
Nonmetropolitan	18.02	1.9	36.8	18.08	5.5	39.1	18.00	1.7	35.9
New England	24.55	2.6	35.8	24.08	3.6	37.1	24.83	2.7	35.0
Middle Atlantic	24.69	1.9	35.4	22.97	3.2	38.4	25.20	1.8	34.6
East North Central	22.47	2.3	35.9	22.93	6.7	38.3	22.31	2.4	35.2
West North Central	20.40	3.5	37.2	20.53	6.5	39.3	20.30	2.3	35.8
South Atlantic	18.84	1.2	38.0	18.02	3.1	39.8	19.27	1.3	37.1
East South Central	17.94	4.3	37.2	17.60	2.0	38.5	18.04	5.5	36.8
West South Central	18.24	1.4	38.2	17.27	2.8	39.1	18.52	1.8	38.0
Mountain	21.50	3.2	37.1	23.47	6.1	38.7	20.69	3.3	36.4
Pacific	24.87	.8	35.6	22.17	1.5	37.2	25.76	.9	35.1

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 This survey covers all 50 States. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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. See appendix B for more information.

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 nine census divisions. See appendix E for a list of survey areas and States making up 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 one of 480 occupations based on duties and responsibilities. These occupations are then aggregated into 11 major occupational groups (MOGs) and then into three 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 \$21.09 per hour, while average hourly earnings for white-collar excluding sales³ occupations were \$22.50. Earnings for blue-collar workers

averaged \$14.51 per hour, and service worker earnings averaged \$10.32 per hour.

White-collar occupations. Average hourly earnings varied considerably among white-collar workers, ranging from \$13.41 for administrative support occupations to \$31.16 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 \$104.72 and physicians had average hourly earnings of \$51.66. On the other hand, dancers averaged \$6.28 an hour, substitute teachers averaged \$12.06 an hour, and health records technologists and technicians averaged \$13.17 an hour.

Highly compensated individual occupations within the executive, administrative and managerial category were managers, marketing, advertising, and public relations, averaging \$42.70 an hour, and financial managers, averaging \$36.34 per hour. Individual occupations also included legislators, averaging \$14.68 an hour, and managers of food service and lodging establishments, averaging \$18.66 an hour.

Average hourly earnings in sales occupations were \$14.50, ranging from \$8.00 for news vendors to \$43.42 for securities and financial services sales workers. Average hourly earnings were low for cashiers (\$8.19) and for sales workers, shoes (\$8.64). Higher earnings were reported for sales engineers, averaging \$37.71 an hour, and for sales representatives, mining, manufacturing, and wholesale, averaging \$24.08 an hour.

Administrative support, including clerical, occupations had average hourly earnings of \$13.41. Earnings were low for occupations such as hotel clerks and messengers, with average hourly earnings of \$8.71 and \$9.25, respectively. Higher earnings were reported for chief communications operators, averaging \$20.59 an hour, and the four supervisory administrative support positions ranging from \$17.86 through \$19.76 an hour. Many of the occupations in this group had average hourly earnings between \$10 and \$15.

Blue-collar occupations. Earnings averaged \$14.51 an hour, with variations among the four major occupational groups.

Workers in precision production, craft, and repair occupations had average hourly earnings of \$18.20. Among

individual occupations, average hourly earnings ranged from \$10.76 for bakers to \$35.81 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 \$12.94, ranging from \$8.49 for laundering and drycleaning machine operators to \$18.97 for separating, filtering, and clarifying machine operators. These workers, such as distillers, centrifuge operators, or maple syrup makers, tend machines that filter materials. Most of the occupations in this group had average hourly earnings of less than \$15.

Average hourly earnings in transportation and material moving occupations were \$14.25, with a wide range from \$8.26 for parking lot attendants to \$34.89 for railroad conductors and yardmasters. 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 \$10.98. Earnings ranged from an average of \$8.23 per hour for nursery workers to \$18.31 for supervisors, handlers, equipment cleaners, and laborers, n.e.c. Many occupations had average hourly earnings of less than \$12.

Service occupations. Average hourly earnings for service workers were \$10.32. Except for the protective service group, with average hourly earnings of \$16.83, the remaining occupational groups had average hourly earnings of less than \$11. Average hourly earnings were \$7.41 for food service occupations, \$10.54 for health service occupations, \$10.23 for cleaning and building service occupations, and \$10.28 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 \$18.14, and the mean weekly hours were 39.6. Part-time workers had average hourly earnings of \$9.66 and mean weekly hours of 20.5.

In white-collar occupations, average hourly earnings were \$22.11 for full-time and \$12.00 for part-time workers. Earnings differences varied among major occupational groups. For example, full-time sales workers had average hourly earnings of \$16.89, compared with \$7.67 for part-time sales workers. In administrative support occupations, full-time workers averaged \$13.69 per hour, compared with \$10.74 for part-time workers.

Among blue-collar occupations, average hourly earnings were \$14.85 for full-time workers and \$8.94 for part-time workers. Earnings differences also varied among major occupational groups. In the machine operators, assemblers, and inspectors group, full-time workers averaged

\$13.04 per hour, compared with \$8.83 per hour for part-time workers. Full-time workers in the precision production, craft, and repair group had average hourly earnings of \$18.26, compared with \$12.62 for part-time workers.

In service occupations, average hourly earnings were \$11.36 for full-time and \$7.20 for part-time workers. In the protective service group, average hourly earnings were \$17.45 for full-time workers and \$9.52 for part-time workers. Among full-time workers in health service occupations, average hourly earnings were \$10.72, compared with \$9.59 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 one 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 \$7.54 for level 1 workers to \$68.80 for level 15. Lower level file clerks, general office 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) electrical and electronic engineers averaged \$23.37 per hour, while their *fully qualified* (level 11) counterparts averaged \$36.59.

Within the overall blue-collar group, earnings data are presented for 10 work levels, with average hourly earnings ranging from \$8.51 for level 1 workers, to \$31.72 for level 10.

In the precision production, craft, and repair major occupational group, bus, truck, and stationary engine mechanics performing at the journey level (level 7) averaged \$19.85 per hour. Semiskilled workers who operate and control machines commonly fill jobs at levels 2, 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 \$14.61 and \$17.71, 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 \$8.59 (level 1) to \$12.66 (level 3).

In the overall service group, earnings data are shown for 11 work levels, with average hourly earnings ranging from \$7.14 for level 1 workers to \$34.39 for level 11. Except for the protective service group, most workers were concentrated in work levels 1 through 4. In the food service group, for example, average hourly earnings for waiters and waitresses⁴ were \$3.98 at level 2, compared with \$9.82 at level 5. In the cleaning and building service group, average hourly earnings for maids and housemen ranged from \$7.88 (level 1) to \$14.52 (level 4).

Earnings by bargaining status

Average hourly earnings among union workers were \$20.65, compared with \$16.42 for their nonunion counterpart. (See table 2-5.) Unionized workers in blue-collar occupations averaged \$18.88 per hour, compared with \$12.95 for nonunion workers. Among service occupations, union workers had average hourly earnings of \$16.22, compared with \$8.98 for nonunion workers. Unionized workers in white-collar occupations earned \$24.93 per hour, compared with \$20.53 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 \$31.48 per hour, and union earnings averaged \$26.73. The second was sales workers, among whom nonunion workers had average hourly earnings of \$14.58, compared with \$12.78 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 \$16.00 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 \$22.52. (See table 2-6.) Among white-collar occupations, time workers averaged \$19.79 per hour, compared with \$27.47 for incentive workers. Among sales workers, average hourly earnings for time workers were \$11.81, compared with \$23.35 for incentive workers. In contrast, time and incentive workers in administrative support occupations had similar earnings of \$13.32 and \$14.35 per hour, respectively. In blue-collar occupations, time workers earned \$14.27 per hour, compared with \$16.14 for incentive workers. Average hourly earnings for handlers, equipment cleaners, helpers, and laborers were \$10.75 for time workers, compared with \$12.89 for incentive workers. Average hourly earnings in service occupations were \$8.74 for time workers and \$13.37 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 July 2002**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.18	0.8	35.8	\$18.14	0.9	39.6	\$9.66	1.0	20.5
All, excluding sales	17.45	.9	36.1	18.25	.9	39.5	10.18	1.2	20.4
White collar	21.09	.9	36.1	22.11	.8	39.5	12.00	1.2	20.4
White collar, excluding sales	22.50	.8	36.9	23.00	.8	39.4	15.57	1.6	19.8
Professional specialty and technical	27.18	1.3	36.1	27.57	1.3	38.9	21.79	2.3	18.2
Professional specialty	29.34	1.5	36.2	29.68	1.6	38.9	24.19	2.3	17.6
Engineers, architects, and surveyors	32.73	1.5	40.4	32.73	1.5	40.6	33.13	11.4	21.1
Architects	26.64	7.6	40.2	26.63	7.7	40.3	—	—	—
Aerospace engineers	36.85	6.3	39.7	36.61	6.3	40.2	—	—	—
Metallurgical and materials engineers	29.41	6.7	40.6	29.41	6.7	40.6	—	—	—
Petroleum engineers	38.30	6.2	40.0	38.30	6.2	40.0	—	—	—
Chemical engineers	37.59	3.0	40.3	37.59	3.0	40.3	—	—	—
Nuclear engineers	36.16	3.2	40.0	36.16	3.2	40.0	—	—	—
Civil engineers	29.45	3.0	40.3	29.42	3.0	40.5	—	—	—
Electrical and electronic engineers	34.97	2.7	40.9	35.01	2.7	40.9	—	—	—
Industrial engineers	29.23	1.8	40.7	29.26	1.8	40.9	—	—	—
Mechanical engineers	29.76	3.2	40.3	29.84	3.2	40.7	—	—	—
Engineers, n.e.c.	34.60	3.1	40.1	34.57	3.1	40.3	—	—	—
Surveyors and mapping scientists	30.16	7.6	41.0	30.16	7.6	41.0	—	—	—
Mathematical and computer scientists	32.62	2.8	39.7	32.70	2.9	40.1	25.06	18.4	20.5
Computer systems analysts and scientists	32.86	2.8	39.7	32.94	2.8	40.1	24.95	19.9	20.1
Operations and systems researchers and analysts	30.98	5.4	39.8	31.02	5.4	39.9	—	—	—
Actuaries	33.13	7.6	40.4	33.13	7.6	40.4	—	—	—
Statisticians	25.64	7.1	40.1	25.64	7.1	40.1	—	—	—
Natural scientists	28.42	4.4	39.8	28.45	4.4	40.0	23.18	10.4	19.7
Physicists and astronomers	32.17	11.5	40.0	32.17	11.5	40.0	—	—	—
Chemists, except biochemists	30.68	4.0	39.4	30.72	4.0	39.6	—	—	—
Atmospheric and space scientists	24.06	19.2	40.9	24.06	19.2	40.9	—	—	—
Geologists and geodesists	31.52	10.4	40.3	31.52	10.4	40.3	—	—	—
Physical scientists, n.e.c.	29.93	6.5	40.5	29.93	6.5	40.5	—	—	—
Agricultural and food scientists	23.58	5.7	40.0	23.58	5.7	40.0	—	—	—
Biological and life scientists	28.07	15.4	39.0	28.16	15.6	39.5	—	—	—
Forestry and conservation scientists	20.59	8.7	40.3	20.59	8.7	40.3	—	—	—
Medical scientists	25.44	4.6	39.9	25.42	4.6	40.2	—	—	—
Health related	28.15	2.8	34.4	28.19	3.4	39.4	27.93	2.2	20.3
Physicians	51.66	10.2	39.5	50.69	11.0	42.2	80.69	17.5	13.5
Dentists	35.51	18.6	30.4	33.34	21.3	41.8	40.06	5.6	19.4
Optometrists	46.54	9.1	32.0	51.88	10.9	39.0	—	—	—
Health diagnosing practitioners, n.e.c.	21.56	11.3	30.6	—	—	—	—	—	—
Registered nurses	24.57	1.1	33.6	24.23	1.3	38.9	26.08	1.5	21.0
Pharmacists	37.01	1.4	33.6	37.09	1.6	39.7	36.32	3.5	15.0
Dietitians	19.59	3.2	36.9	19.27	3.4	39.8	23.40	5.5	19.6
Respiratory therapists	20.28	1.9	35.8	20.20	2.0	38.6	21.06	3.6	21.1
Occupational therapists	24.53	3.5	33.5	23.75	3.7	39.0	28.66	3.7	19.2
Physical therapists	27.05	2.6	32.9	26.05	2.7	39.6	30.84	3.5	20.0
Speech therapists	28.51	3.3	34.1	28.48	3.8	38.2	28.71	3.6	19.0
Therapists, n.e.c.	19.57	13.1	36.8	17.90	11.2	39.6	34.37	25.1	22.8
Physicians' assistants	31.50	5.1	39.5	31.59	4.9	39.9	—	—	—
Teachers, college and university	39.97	2.7	34.9	40.47	2.7	39.2	31.01	4.6	11.8
Earth, environmental, and marine science teachers	44.54	10.8	37.4	44.57	11.0	39.2	—	—	—
Biological science teachers	41.14	9.9	38.1	41.45	10.0	40.0	30.40	29.0	14.5
Chemistry teachers	38.82	9.1	40.6	38.87	9.2	41.1	—	—	—
Physics teachers	49.88	9.7	39.0	49.88	9.7	39.0	—	—	—
Natural science teachers, n.e.c.	35.32	14.0	36.7	37.48	12.5	39.6	—	—	—
Psychology teachers	36.77	11.5	35.4	37.21	11.9	39.4	24.09	11.8	9.0
Economics teachers	61.72	18.7	43.1	61.73	18.7	43.2	—	—	—
History teachers	36.43	11.8	38.9	36.10	12.4	41.3	—	—	—
Political science teachers	35.94	10.6	38.1	36.00	10.7	39.6	—	—	—
Sociology teachers	32.41	10.2	39.2	32.39	10.3	39.9	—	—	—
Social science teachers, n.e.c.	39.97	7.6	37.0	39.23	8.1	39.1	62.02	17.9	14.3
Engineering teachers	54.11	8.3	35.8	53.83	9.1	41.5	57.04	9.6	14.7

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 July 2002–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									
Mathematical science teachers	\$39.06	6.8	35.3	\$39.68	6.7	38.7	\$26.24	16.6	12.7
Computer science teachers	36.10	13.5	31.6	38.48	14.3	38.0	29.10	6.2	21.1
Medical science teachers	48.27	7.4	39.8	48.46	7.5	44.6	–	–	–
Health specialties teachers	40.95	8.3	36.9	41.22	8.5	38.5	27.04	10.9	11.6
Business, commerce, and marketing teachers ..	42.51	11.1	36.0	42.58	11.3	38.5	37.96	8.8	7.1
Agriculture and forestry teachers	39.78	20.0	36.6	39.78	20.0	36.6	–	–	–
Art, drama, and music teachers	32.85	6.2	34.1	32.92	6.5	38.8	31.79	8.2	11.4
Physical education teachers	37.92	13.5	25.3	40.06	14.3	38.5	24.60	27.9	8.1
Education teachers	39.33	10.5	36.1	39.76	10.3	37.8	19.56	17.1	12.0
English teachers	42.88	8.7	33.9	43.50	8.7	37.7	29.75	8.6	10.8
Foreign language teachers	31.90	20.7	35.9	31.58	22.3	40.9	36.27	11.4	13.4
Law teachers	50.92	10.8	28.7	51.71	11.2	37.0	–	–	–
Social work teachers	24.10	10.2	27.2	–	–	–	–	–	–
Theology teachers	41.30	13.9	38.3	41.48	14.3	39.7	–	–	–
Trade and industrial teachers	29.61	7.3	35.4	29.53	7.6	38.7	31.95	16.4	10.7
Other post-secondary teachers	38.44	4.5	32.2	39.21	4.7	38.3	29.07	6.8	11.0
Teachers, except college and university	28.94	1.2	34.3	29.48	1.2	36.7	17.82	4.9	14.6
Prekindergarten and kindergarten	17.33	7.1	34.8	18.03	7.4	38.0	12.91	8.9	22.8
Elementary school teachers	30.75	1.4	35.9	30.84	1.4	36.4	24.24	6.8	16.9
Secondary school teachers	31.01	1.9	36.7	30.99	1.8	37.0	34.02	11.8	16.6
Teachers, special education	31.63	3.6	35.3	31.86	3.6	35.8	–	–	–
Teachers, n.e.c.	27.94	3.7	29.5	28.66	3.7	36.5	21.51	10.8	10.8
Substitute teachers	12.06	4.5	15.0	11.89	9.6	33.5	12.10	5.3	13.5
Vocational and educational counselors	27.01	5.4	36.6	27.19	5.7	37.6	20.83	7.6	19.1
Librarians, archivists, and curators	25.08	2.3	37.1	25.25	2.4	38.2	19.73	5.7	20.2
Librarians	26.17	3.6	37.0	26.35	3.7	38.0	20.56	5.2	20.2
Archivists and curators	19.88	11.1	37.7	20.01	11.6	38.9	16.22	21.0	20.0
Social scientists and urban planners	27.41	4.2	36.7	27.60	4.4	39.2	23.33	13.4	15.6
Economists	27.83	3.4	40.9	27.83	3.4	40.9	–	–	–
Psychologists	28.38	5.6	34.5	28.85	6.0	38.2	23.40	13.6	16.8
Social scientists, n.e.c.	22.34	15.9	36.8	22.33	15.9	38.6	–	–	–
Urban planners	25.85	5.3	35.6	25.92	5.4	39.4	–	–	–
Social, recreation, and religious workers	17.12	5.5	37.6	17.23	5.9	39.2	14.83	9.0	20.2
Social workers	17.21	6.0	37.8	17.22	6.2	39.1	16.93	3.9	20.0
Recreation workers	14.85	9.0	32.4	16.85	5.3	39.0	8.73	30.4	21.3
Clergy	17.37	11.4	42.6	17.40	11.8	45.0	–	–	–
Religious workers, n.e.c.	19.25	6.6	37.8	19.26	6.7	39.8	–	–	–
Lawyers and judges	44.30	4.8	39.6	44.42	5.0	40.8	35.77	15.5	12.7
Lawyers	44.02	5.1	39.7	44.11	5.2	40.9	37.09	18.5	12.4
Judges	50.44	7.9	36.3	51.67	7.3	39.6	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.47	3.6	34.3	24.27	3.5	39.3	14.37	8.6	14.0
Technical writers	26.13	8.2	39.6	26.35	8.3	40.4	–	–	–
Designers	22.02	6.0	36.9	22.85	5.4	39.8	11.07	18.1	18.8
Musicians and composers	31.65	30.4	14.5	32.57	42.4	31.4	29.62	18.4	6.6
Actors and directors	25.45	9.7	33.3	27.33	10.2	40.6	13.93	20.3	15.9
Painters, sculptors, craft artists, and artist printmakers	19.41	8.2	38.7	19.69	8.2	39.4	–	–	–
Photographers	16.59	12.6	36.8	16.48	11.7	39.8	17.73	36.1	21.0
Dancers	6.28	33.8	18.2	–	–	–	5.41	34.6	17.1
Artists, performers, and related workers, n.e.c.	14.74	8.0	33.3	14.95	9.4	39.6	13.91	11.9	20.8
Editors and reporters	22.38	5.6	39.1	22.43	5.7	39.5	17.71	31.7	18.2
Public relations specialists	25.53	9.7	39.0	25.55	9.7	39.0	–	–	–
Announcers	22.49	38.5	23.8	27.57	48.4	36.7	12.12	22.8	13.9
Athletes	26.00	28.9	23.3	31.10	23.9	37.8	11.96	16.7	11.4
Professional, n.e.c.	30.06	6.3	37.7	30.18	6.5	39.5	26.38	13.3	15.3
Technical	19.89	1.5	35.9	20.26	1.5	39.0	16.09	3.9	19.7
Clinical laboratory technologists and technicians	17.35	2.6	36.6	17.24	2.7	38.8	18.75	4.9	21.7

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 July 2002–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									
Dental hygienists	\$28.65	4.8	23.0	\$29.81	4.9	36.4	\$26.30	6.1	13.2
Health record technologists and technicians	13.17	14.5	37.4	13.09	15.6	39.8	14.19	14.0	22.1
Radiological technicians	22.29	3.4	35.1	22.22	4.0	39.5	22.78	4.4	19.1
Licensed practical nurses	15.65	1.4	34.6	15.53	1.5	39.0	16.35	2.4	21.3
Health technologists and technicians, n.e.c.	15.01	2.8	33.0	15.66	2.2	39.5	12.04	6.0	18.7
Electrical and electronic technicians	19.42	5.8	39.3	19.44	5.7	39.9	17.77	20.6	18.2
Industrial engineering technicians	22.04	4.0	40.2	22.04	4.0	40.2	–	–	–
Mechanical engineering technicians	22.40	4.1	40.2	22.44	4.1	40.3	–	–	–
Engineering technicians, n.e.c.	21.10	3.0	39.0	21.35	3.1	39.8	17.93	18.2	31.1
Drafters	19.05	3.2	40.1	19.03	3.3	40.3	–	–	–
Surveying and mapping technicians	16.29	6.1	40.6	16.29	6.1	40.6	–	–	–
Biological technicians	16.23	5.0	33.1	16.89	4.7	39.5	–	–	–
Chemical technicians	20.34	6.8	39.8	20.36	6.8	39.8	–	–	–
Science technicians, n.e.c.	20.42	8.2	39.3	20.39	8.3	39.5	–	–	–
Airplane pilots and navigators	104.72	8.5	21.6	111.53	6.7	22.3	–	–	–
Broadcast equipment operators	17.08	9.7	35.0	19.63	11.1	39.8	7.99	11.5	24.6
Computer programmers	24.84	4.8	39.1	24.88	4.8	39.9	21.74	13.5	15.4
Tool programmers, numerical control	20.78	5.7	40.0	20.78	5.7	40.0	–	–	–
Legal assistants	17.86	5.3	37.5	17.99	5.1	38.6	–	–	–
Technical and related, n.e.c.	19.51	4.1	38.6	19.89	4.1	39.8	12.45	20.9	24.2
Executive, administrative, and managerial									
Executives, administrators, and managers	31.16	2.6	40.0	31.27	2.6	40.5	21.38	10.0	18.3
Legislators	34.75	3.2	40.4	34.85	3.1	40.8	22.83	17.2	18.1
Legislators	14.68	19.2	14.3	14.47	27.7	37.9	14.95	27.5	7.9
Chief executives and general administrators, public administration	44.88	7.5	42.2	45.26	7.5	42.7	–	–	–
Administrators and officials, public administration	30.41	3.2	39.5	30.40	3.3	39.6	33.97	22.1	12.5
Financial managers	36.34	8.8	40.4	36.38	8.8	40.7	–	–	–
Personnel and labor relations managers	32.35	10.4	41.2	32.35	10.4	41.2	–	–	–
Purchasing managers	32.13	4.4	40.5	32.13	4.4	40.5	–	–	–
Managers, marketing, advertising, and public relations	42.70	10.0	40.9	42.72	10.0	40.9	–	–	–
Administrators, education and related fields	35.21	4.3	39.1	35.30	4.4	39.6	28.60	14.4	20.3
Managers, medicine and health	33.79	4.3	39.7	33.82	4.4	39.9	31.04	15.5	27.9
Managers, food servicing and lodging establishments	18.66	3.9	42.0	18.91	3.8	43.2	–	–	–
Managers, properties and real estate	20.94	9.8	37.6	22.07	8.3	39.5	–	–	–
Funeral directors	22.95	14.5	47.1	22.95	14.5	47.1	–	–	–
Managers, service organizations, n.e.c.	28.08	8.6	40.0	28.11	8.6	40.6	25.90	24.8	22.3
Managers and administrators, n.e.c.	36.60	5.1	41.1	36.60	5.1	41.2	–	–	–
Management related	24.90	1.8	39.2	24.98	1.8	39.9	20.08	9.1	18.5
Accountants and auditors	23.35	2.6	38.8	23.34	2.5	39.8	23.60	14.1	21.6
Underwriters	23.97	7.0	37.7	23.97	7.0	37.7	–	–	–
Other financial officers	31.50	6.1	39.6	31.73	6.0	39.9	16.93	33.4	27.5
Management analysts	28.06	4.8	39.8	28.07	4.8	40.0	–	–	–
Personnel, training, and labor relations specialists	23.15	3.4	38.8	23.25	3.4	41.0	16.38	18.0	8.5
Purchasing agents and buyers, farm products ..	25.84	20.4	39.6	25.84	20.4	39.6	–	–	–
Buyers, wholesale and retail trade, except farm products	23.27	8.8	39.3	23.36	8.7	39.8	–	–	–
Purchasing agents and buyers, n.e.c.	23.93	6.0	39.7	23.94	6.0	40.1	–	–	–
Construction inspectors	23.25	4.1	39.2	23.35	4.1	39.9	–	–	–
Inspectors and compliance officers, except construction	21.98	2.8	39.4	22.02	2.9	39.8	–	–	–
Management related, n.e.c.	23.88	1.8	39.2	23.96	1.8	39.6	17.49	12.0	21.5
Sales									
Supervisors, sales	14.50	2.1	32.6	16.89	2.1	40.3	7.67	1.2	21.1
Supervisors, sales	19.16	4.7	40.9	19.27	4.7	41.4	7.97	7.0	20.2
Insurance sales	21.46	8.6	39.9	21.58	8.5	40.3	–	–	–

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 July 2002—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									
Real estate sales	\$19.13	8.8	38.2	\$19.42	8.6	39.2	—	—	—
Securities and financial services sales	43.42	11.8	39.6	43.52	11.8	39.8	—	—	—
Advertising and related sales	20.90	8.7	36.7	21.63	8.2	38.7	—	—	—
Sales, other business services	20.99	9.9	36.8	22.38	9.3	40.9	\$9.00	17.4	19.7
Sales engineers	37.71	19.9	42.8	37.71	19.9	42.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	24.08	5.2	40.1	24.14	5.2	40.6	—	—	—
Sales workers, motor vehicles and boats	18.95	4.8	45.4	18.94	4.8	45.6	—	—	—
Sales workers, apparel	9.05	3.5	25.1	10.57	4.1	37.8	7.83	3.9	19.7
Sales workers, shoes	8.64	4.9	23.3	10.17	9.0	39.8	7.87	6.7	19.2
Sales workers, furniture and home furnishings ..	11.21	10.2	26.8	15.29	8.4	41.5	7.82	5.7	20.7
Sales workers, radio, tv, hi-fi, and appliances ...	19.71	32.5	33.6	—	—	—	9.00	3.5	23.4
Sales workers, hardware and building supplies ..	13.82	5.5	37.5	14.42	6.5	41.1	10.16	2.6	24.6
Sales workers, parts	13.79	4.4	38.5	14.15	4.8	40.7	8.20	4.5	20.7
Sales workers, other commodities	11.73	5.9	29.9	13.87	6.0	39.6	7.59	1.2	20.3
Sales counter clerks	8.93	8.9	29.5	10.34	9.6	39.4	6.75	4.1	21.2
Cashiers	8.19	1.4	28.8	8.87	2.0	39.1	7.41	1.3	22.1
Street and door-to-door sales workers	14.87	31.1	26.3	18.14	29.0	39.9	—	—	—
News vendors	8.00	8.6	20.7	—	—	—	7.97	8.6	20.6
Demonstrators, promoters, and models, sales ...	23.26	28.5	26.7	—	—	—	8.65	8.9	13.4
Sales support, n.e.c.	13.98	7.7	34.6	15.46	9.4	40.2	8.70	5.1	23.0
Administrative support, including clerical									
Supervisors, general office	17.86	3.1	38.9	17.94	3.1	39.5	—	—	—
Supervisors, computer equipment operators	19.12	9.5	40.0	19.12	9.5	40.0	—	—	—
Supervisors, financial records processing	19.72	2.4	38.9	19.72	2.4	38.9	—	—	—
Chief communications operators	20.59	6.5	40.0	20.59	6.5	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.76	4.4	39.9	19.98	4.3	40.4	—	—	—
Computer operators	15.90	2.7	38.7	15.95	2.7	39.3	11.36	9.2	16.8
Peripheral equipment operators	14.06	9.8	39.2	14.06	9.9	39.4	—	—	—
Secretaries	14.77	1.2	37.5	14.85	1.2	38.9	13.37	4.0	22.5
Stenographers	16.68	4.9	33.5	16.96	5.1	39.0	15.51	13.8	21.0
Typists	14.07	1.7	36.4	14.20	1.7	38.1	11.83	4.6	21.0
Interviewers	11.25	4.4	30.9	11.97	3.6	39.7	9.05	4.9	18.3
Hotel clerks	8.71	2.4	35.9	8.83	2.6	39.6	7.99	4.0	23.1
Transportation ticket and reservation agents	13.74	5.3	35.9	13.67	5.8	39.4	14.13	8.3	23.5
Receptionists	10.62	2.1	33.6	11.01	1.9	39.3	8.81	2.8	20.1
Information clerks, n.e.c.	12.16	2.8	37.0	12.42	2.8	39.6	10.27	4.7	25.0
Classified ad clerks	10.63	15.1	38.2	—	—	—	—	—	—
Correspondence clerks	13.02	2.0	39.0	13.05	2.1	40.0	—	—	—
Order clerks	13.20	1.9	37.4	13.54	1.8	39.6	9.63	5.3	23.5
Personnel clerks, except payroll and timekeeping	14.75	3.4	39.1	14.75	3.4	39.7	14.54	8.9	23.8
Library clerks	11.69	2.8	29.7	12.31	3.7	38.2	10.15	3.3	19.2
File clerks	9.92	2.2	32.9	10.09	2.7	39.6	9.11	6.5	18.1
Records clerks, n.e.c.	12.95	2.2	38.3	13.02	2.2	39.4	11.81	6.0	25.1
Bookkeepers, accounting and auditing clerks ...	13.62	1.5	37.0	13.82	1.6	39.4	11.21	4.5	21.6
Payroll and timekeeping clerks	15.17	2.6	35.1	15.35	2.6	39.6	12.76	13.6	13.7
Billing clerks	12.11	3.5	37.1	12.13	3.7	39.7	11.61	4.5	17.0
Cost and rate clerks	14.76	23.1	40.2	14.76	23.1	40.2	—	—	—
Billing, posting, and calculating machine operators	11.95	4.7	33.3	13.18	5.7	38.6	9.05	4.8	25.2
Duplicating machine operators	11.27	6.4	38.3	11.37	6.9	39.5	9.80	11.4	26.0
Mail preparing and paper handling machine operators	11.32	6.5	38.0	11.41	6.8	39.6	—	—	—
Office machine operators, n.e.c.	10.24	5.4	38.6	10.30	5.4	39.9	—	—	—
Telephone operators	12.57	4.2	34.6	13.17	4.0	39.0	9.45	3.4	21.8
Communications equipment operators, n.e.c. ...	10.94	12.7	31.2	11.55	13.3	39.6	8.44	19.8	16.6
Mail clerks, except postal service	11.32	5.8	35.0	11.79	6.3	39.1	8.60	4.2	21.6
Messengers	9.25	6.8	29.8	10.01	11.3	39.5	7.51	5.8	19.0

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 July 2002–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									
Dispatchers	\$15.36	3.8	39.1	\$15.49	4.0	40.0	\$11.60	11.2	22.9
Production coordinators	17.17	3.3	39.0	17.27	3.2	39.9	9.75	21.3	14.6
Traffic, shipping and receiving clerks	12.72	2.9	38.4	12.77	3.0	39.8	–	–	–
Stock and inventory clerks	12.40	1.9	37.0	12.64	2.2	39.8	9.83	4.2	21.2
Meter readers	16.27	4.5	38.9	16.34	4.6	40.0	13.80	9.7	19.0
Weighers, measurers, checkers, and samplers	14.97	7.5	38.2	15.06	7.8	40.1	–	–	–
Expeditors	14.74	3.6	37.7	15.16	3.3	39.7	8.07	8.2	21.3
Material recording, scheduling, and distribution clerks, n.e.c.	13.31	9.1	38.7	13.37	9.5	39.7	11.66	19.5	23.0
Insurance adjusters, examiners, and investigators	18.96	8.4	38.0	19.17	8.3	38.8	13.43	3.6	24.1
Investigators and adjusters, except insurance ...	14.74	2.2	38.5	14.81	2.3	39.7	13.04	6.6	23.0
Eligibility clerks, social welfare	14.90	3.2	38.8	14.97	3.2	38.9	–	–	–
Bill and account collectors	13.32	3.8	37.4	13.46	3.9	39.5	11.73	10.8	22.9
General office clerks	12.52	1.1	35.9	12.81	1.1	39.2	10.14	2.9	21.2
Bank tellers	10.00	1.3	33.7	10.16	1.5	39.2	9.34	1.9	21.7
Proofreaders	14.20	15.4	36.9	14.44	16.8	39.8	–	–	–
Data entry keyers	12.06	2.1	36.4	12.18	2.4	39.5	11.37	6.8	25.0
Statistical clerks	13.49	4.3	38.9	13.52	4.4	39.7	11.75	9.9	21.2
Teachers' aides	10.94	1.3	31.2	10.38	1.6	35.7	12.72	2.3	22.3
Administrative support, n.e.c.	13.60	1.4	35.2	13.99	1.4	39.2	10.62	4.4	19.8
Blue collar	14.51	.9	38.2	14.85	.9	40.0	8.94	1.7	21.8
Precision production, craft, and repair									
Supervisors, mechanics and repairers	18.20	1.1	39.6	18.26	1.1	40.0	12.62	9.4	21.8
Automobile mechanics	22.74	3.1	40.9	22.73	3.1	41.0	–	–	–
Automobile mechanic apprentices	17.27	3.8	40.1	17.32	3.8	40.3	–	–	–
Bus, truck, and stationary engine mechanics	12.08	5.7	40.5	12.08	5.7	40.5	–	–	–
Aircraft engine mechanics	16.47	3.3	39.6	16.60	3.3	40.4	–	–	–
Small engine repairers	25.18	5.3	40.0	25.18	5.3	40.0	–	–	–
Automobile body and related repairers	13.57	4.4	39.9	13.60	4.4	40.0	–	–	–
Aircraft mechanics, except engine	17.49	9.4	39.8	17.63	9.4	40.2	–	–	–
Heavy equipment mechanics	25.00	6.7	40.0	25.00	6.7	40.0	–	–	–
Farm equipment mechanics	18.85	4.6	39.7	18.85	4.6	39.9	–	–	–
Industrial machinery repairers	14.26	6.7	40.9	14.30	6.6	41.0	–	–	–
Machinery maintenance	19.22	2.2	39.8	19.20	2.2	39.8	–	–	–
Electronic repairers, communications and industrial equipment	14.89	6.3	37.6	15.54	5.1	39.5	–	–	–
Data processing equipment repairers	19.51	4.1	38.7	19.67	4.1	39.9	15.07	19.7	20.4
Household appliance and power tool repairers	15.52	15.8	39.7	15.61	16.1	39.8	–	–	–
Telephone line installers and repairers	15.18	7.1	38.9	15.18	7.2	39.3	–	–	–
Telephone installers and repairers	23.36	3.8	40.0	23.36	3.8	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	22.76	2.4	40.0	22.76	2.4	40.0	–	–	–
Camera, watch, and musical instrument repairers	16.46	3.0	39.6	16.34	3.0	39.8	–	–	–
Locksmiths and safe repairers	14.85	24.0	40.0	14.85	24.0	40.0	–	–	–
Office machine repairers	14.64	10.5	41.1	14.64	10.5	41.1	–	–	–
Mechanical controls and valve repairers	14.55	8.6	39.9	14.55	8.6	39.9	–	–	–
Elevator installers and repairers	20.83	4.9	39.4	21.00	5.0	40.0	–	–	–
Millwrights	35.81	9.6	40.0	35.81	9.6	40.0	–	–	–
Mechanics and repairers, n.e.c.	21.77	5.5	40.0	21.75	5.6	40.0	–	–	–
Supervisors, brickmasons, stonemasons, and tilesetters	15.81	2.9	39.0	15.88	2.9	39.5	10.30	18.5	17.4
Supervisors, carpenters and related workers	20.99	17.5	40.0	20.99	17.5	40.0	–	–	–
Supervisors, electricians and power transmission installers	24.84	5.9	39.9	24.93	5.9	40.2	–	–	–
Supervisors, painters, paperhangers, and plasterers	26.72	5.0	40.0	26.72	5.0	40.0	–	–	–
	19.93	13.0	40.9	19.93	13.0	40.9	–	–	–

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 July 2002–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									
Supervisors, plumbers, pipefitters, and steamfitters	\$25.23	4.7	40.8	\$25.23	4.7	40.8	–	–	–
Supervisors, construction trades, n.e.c.	21.15	3.6	40.2	21.15	3.6	40.2	–	–	–
Brickmasons and stonemasons	19.92	7.5	40.0	19.92	7.5	40.0	–	–	–
Tile setters, hard and soft	22.47	14.2	40.0	22.47	14.2	40.0	–	–	–
Carpet installers	19.05	12.3	39.0	19.18	13.0	39.5	–	–	–
Carpenters	18.30	3.3	39.7	18.27	3.3	39.9	\$21.90	11.9	26.3
Carpenter apprentices	17.40	13.6	40.0	17.40	13.6	40.0	–	–	–
Drywall installers	20.74	10.2	40.0	20.75	10.2	40.0	–	–	–
Electricians	22.33	3.6	39.5	22.33	3.6	39.7	–	–	–
Electrician apprentices	14.83	4.0	39.9	14.84	4.0	39.9	–	–	–
Electrical power installers and repairers	24.30	3.8	40.0	24.30	3.8	40.0	–	–	–
Painters, construction and maintenance	13.65	6.5	39.7	13.66	6.6	39.8	–	–	–
Plasterers	15.06	12.6	40.0	15.06	12.6	40.0	–	–	–
Plumbers, pipefitters and steamfitters	21.27	3.8	39.5	21.28	3.9	39.6	–	–	–
Plumber, pipefitter, and steamfitter apprentices	18.29	12.6	39.5	18.29	12.6	39.5	–	–	–
Concrete and terrazzo finishers	18.35	9.5	39.4	18.35	9.5	39.4	–	–	–
Glaziers	16.92	5.5	40.0	16.92	5.5	40.0	–	–	–
Insulation workers	14.40	5.9	39.8	14.40	5.9	39.8	–	–	–
Paving, surfacing, and tamping equipment operators	15.97	18.1	41.8	15.97	18.1	41.8	–	–	–
Roofers	14.68	10.3	38.7	14.68	10.3	38.7	–	–	–
Sheetmetal duct installers	20.54	14.6	40.0	20.54	14.6	40.0	–	–	–
Structural metal workers	17.62	5.5	40.0	17.62	5.5	40.0	–	–	–
Construction trades, n.e.c.	15.76	4.1	39.7	15.75	4.1	39.9	16.52	25.8	19.7
Supervisors, extractive	23.58	8.2	41.4	23.58	8.2	41.4	–	–	–
Drillers, oil well	20.01	18.2	40.0	20.01	18.2	40.0	–	–	–
Mining machine operators	15.51	9.7	40.0	15.51	9.7	40.0	–	–	–
Mining, n.e.c.	20.21	10.2	47.6	20.21	10.2	47.6	–	–	–
Supervisors, production	20.67	3.2	40.4	20.67	3.2	40.5	–	–	–
Tool and die makers	21.85	2.1	40.0	21.85	2.1	40.0	–	–	–
Tool and die maker apprentices	13.43	12.2	39.8	13.43	12.2	39.8	–	–	–
Precision assemblers, metal	19.22	4.1	40.0	19.22	4.1	40.0	–	–	–
Machinists	18.52	4.8	39.8	18.54	4.9	40.0	–	–	–
Machinist apprentices	14.49	3.7	40.0	14.49	3.7	40.0	–	–	–
Precision grinders, filers, and tool sharpeners ...	17.03	6.5	39.7	17.03	6.5	39.7	–	–	–
Patternmakers and modelmakers, metal	20.85	11.8	40.0	20.85	11.8	40.0	–	–	–
Layout workers	17.08	14.5	40.0	17.08	14.5	40.0	–	–	–
Precious stones and metals workers	12.72	16.9	39.8	12.72	16.9	39.8	–	–	–
Engravers, metal	17.15	19.9	40.0	17.15	19.9	40.0	–	–	–
Sheet metal workers	17.07	9.2	38.5	17.07	9.2	38.5	–	–	–
Sheet metal worker apprentices	14.16	17.2	39.1	14.16	17.2	39.1	–	–	–
Cabinet makers and bench carpenters	11.87	7.2	39.2	11.92	7.1	40.0	–	–	–
Furniture and wood finishers	12.61	6.8	40.0	12.61	6.8	40.0	–	–	–
Tailors	13.85	10.2	28.5	14.72	9.9	39.4	–	–	–
Upholsterers	15.84	13.7	40.0	15.84	13.7	40.0	–	–	–
Hand molders and shapers, except jewelers	17.56	5.3	40.0	17.56	5.3	40.0	–	–	–
Patternmakers, layout workers, and cutters	16.52	6.8	39.6	16.55	6.9	40.0	–	–	–
Dental laboratory and medical appliance technicians	14.90	4.1	39.5	14.90	4.1	39.5	–	–	–
Bookbinders	16.81	14.7	38.1	17.17	14.7	39.8	–	–	–
Electrical and electronic equipment assemblers	12.46	3.9	39.1	12.35	4.0	39.9	–	–	–
Miscellaneous precision workers, n.e.c.	15.07	8.7	39.7	15.09	8.7	39.9	–	–	–
Precision food production	12.94	10.2	39.9	12.94	10.2	39.9	–	–	–
Butchers and meat cutters	11.40	3.9	37.5	11.37	4.0	39.7	12.21	8.2	14.9
Bakers	10.76	5.2	35.3	11.50	3.3	39.6	8.02	12.8	25.2
Food batchmakers	11.69	10.7	39.8	11.69	10.8	40.2	–	–	–
Inspectors, testers, and graders	17.90	2.8	40.3	17.91	2.8	40.3	–	–	–
Precision inspectors, testers, and related workers, n.e.c.	21.85	7.3	40.0	21.85	7.3	40.0	–	–	–
Adjusters and calibrators	14.71	7.3	36.8	14.71	7.3	36.8	–	–	–

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 July 2002–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									
Water and sewer treatment plant operators	\$17.25	3.4	39.9	\$17.26	3.4	40.0	–	–	–
Power plant operators	25.62	2.9	40.0	25.62	2.9	40.0	–	–	–
Stationary engineers	21.91	4.5	39.8	21.91	4.5	39.8	–	–	–
Miscellaneous plant and system operators, n.e.c.	22.39	3.2	39.5	22.39	3.2	39.5	–	–	–
Machine operators, assemblers, and inspectors	12.94	1.4	39.2	13.04	1.4	39.8	\$8.83	3.3	23.6
Lathe and turning machine set-up operators	16.07	5.4	40.0	16.07	5.4	40.0	–	–	–
Lathe and turning machine operators	15.00	5.9	40.0	15.00	5.9	40.0	–	–	–
Milling and planing machine operators	13.04	5.2	40.0	13.04	5.2	40.0	–	–	–
Punching and stamping press operators	12.77	7.8	39.9	12.77	7.8	40.0	–	–	–
Rolling machine operators	15.38	11.8	40.0	15.38	11.8	40.0	–	–	–
Drilling and boring machine operators	11.82	11.1	40.0	11.82	11.1	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	13.08	3.6	38.9	13.21	3.5	40.0	–	–	–
Forging machine operators	13.75	7.4	39.8	13.75	7.4	39.8	–	–	–
Numerical control machine operators	14.63	4.5	39.7	14.64	4.5	40.0	–	–	–
Fabricating machine operators, n.e.c.	14.38	4.3	39.1	14.63	3.9	39.9	–	–	–
Molding and casting machine operators	12.32	3.5	39.6	12.40	3.5	39.7	7.27	5.7	34.4
Metal plating machine operators	13.68	7.0	39.5	13.76	6.9	39.6	–	–	–
Heat treating equipment operators	15.71	7.5	40.0	15.71	7.5	40.0	–	–	–
Wood lathe, routing, and planing machine operators	11.78	6.2	38.2	11.78	6.3	39.9	–	–	–
Sawing machine operators	11.98	4.3	39.8	11.99	4.3	39.9	–	–	–
Shaping and jointing machine operators	12.68	5.3	40.0	12.68	5.3	40.0	–	–	–
Nailing and tacking machine operators	10.86	6.3	38.2	10.86	6.3	38.2	–	–	–
Printing press operators	15.85	3.4	39.2	15.86	3.5	39.5	14.95	11.9	19.2
Photoengravers and lithographers	16.83	4.4	39.4	16.83	4.4	39.4	–	–	–
Typesetters and compositors	14.05	10.3	32.9	15.20	8.4	39.0	9.14	17.9	19.7
Winding and twisting machine operators	12.94	9.9	39.8	12.95	9.9	39.8	–	–	–
Knitting, looping, taping, and weaving machine operators	12.36	8.7	39.9	12.36	8.7	39.9	–	–	–
Textile cutting machine operators	9.98	6.8	39.2	9.98	6.8	39.2	–	–	–
Textile sewing machine operators	8.93	6.3	38.9	8.91	6.4	39.5	–	–	–
Pressing machine operators	9.08	4.0	39.3	9.08	4.0	39.4	–	–	–
Laundering and dry cleaning machine operators	8.49	4.1	38.0	8.55	4.3	39.3	7.21	4.6	21.9
Cementing and gluing machine operators	11.91	8.3	40.0	11.91	8.3	40.0	–	–	–
Packaging and filling machine operators	12.40	4.2	39.2	12.53	3.9	39.9	–	–	–
Extruding and forming machine operators	12.78	6.1	39.4	12.78	6.1	39.4	–	–	–
Mixing and blending machine operators	14.87	4.6	39.8	14.87	4.6	39.9	–	–	–
Separating, filtering, and clarifying machine operators	18.97	3.6	39.8	18.97	3.6	39.8	–	–	–
Compressing and compacting machine operators	11.39	2.7	40.4	11.39	2.7	40.4	–	–	–
Painting and paint spraying machine operators	15.10	6.0	40.0	15.10	6.0	40.0	–	–	–
Roasting and baking machine operators, food ..	11.42	9.4	39.7	11.41	9.5	40.0	–	–	–
Washing, cleaning, and pickling machine operators	13.22	10.2	40.0	13.22	10.2	40.0	–	–	–
Folding machine operators	13.07	7.7	40.0	13.07	7.7	40.0	–	–	–
Furnace, kiln, and oven operators, except food ..	13.72	6.3	39.7	13.71	6.3	39.9	–	–	–
Crushing and grinding machine operators	12.95	4.6	40.1	12.95	4.6	40.1	–	–	–
Slicing and cutting machine operators	13.12	4.6	39.5	13.16	4.6	39.9	–	–	–
Motion picture projectionists	12.24	25.2	28.4	–	–	–	18.08	24.3	18.2
Photographic process machine operators	10.93	5.2	32.3	11.91	4.6	39.9	7.74	2.5	20.0
Miscellaneous machine operators, n.e.c.	13.47	2.7	39.5	13.53	2.7	39.8	9.23	2.9	24.9
Welders and cutters	15.51	2.5	40.0	15.52	2.5	40.0	–	–	–
Solders and braziers	10.35	9.8	40.0	10.35	9.8	40.0	–	–	–
Assemblers	12.83	3.3	39.0	13.01	3.2	40.0	8.50	7.2	24.5
Hand cutting and trimming	9.86	12.6	39.6	9.89	12.7	40.0	–	–	–
Hand molding, casting, and forming	10.91	7.4	40.0	10.91	7.4	40.0	–	–	–
Hand painting, coating, and decorating	11.32	6.2	39.1	11.33	6.4	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 July 2002–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									
Hand engraving and printing	\$15.50	27.8	30.1	\$17.89	25.8	37.6	–	–	–
Miscellaneous hand working, n.e.c.	11.12	6.0	39.1	11.18	6.0	39.6	–	–	–
Production inspectors, checkers and examiners	13.18	4.1	39.6	13.20	4.1	39.8	\$9.82	8.0	24.2
Production testers	13.26	4.7	39.9	13.26	4.7	39.9	–	–	–
Production samplers and weighers	10.71	9.3	30.9	11.63	6.5	39.8	–	–	–
Graders and sorters, except agricultural	9.89	7.4	38.5	9.98	7.6	39.9	–	–	–
Hand inspectors, n.e.c.	10.49	10.2	39.8	10.49	10.2	39.8	–	–	–
Transportation and material moving	14.25	1.5	37.5	14.69	1.6	40.7	9.75	4.0	20.8
Supervisors, motor vehicle operators	18.48	5.0	42.3	18.55	5.1	42.4	–	–	–
Truck drivers	14.20	2.1	40.2	14.35	2.2	41.7	9.93	6.7	20.2
Driver-sales workers	12.77	5.9	35.5	14.03	5.6	40.8	8.11	11.1	24.1
Bus drivers	14.23	2.3	27.9	15.25	2.5	36.6	12.57	2.2	20.2
Taxicab drivers and chauffeurs	8.31	6.5	30.3	8.41	7.5	39.5	7.82	3.7	13.5
Parking lot attendants	8.26	7.4	32.4	8.71	8.3	39.9	6.88	6.3	20.5
Motor transportation, n.e.c.	8.52	7.6	29.6	10.24	9.0	38.6	5.99	8.4	22.1
Railroad conductors and yardmasters	34.89	4.7	40.0	34.89	4.7	40.0	–	–	–
Locomotive operating	32.98	10.3	39.9	32.99	10.3	39.9	–	–	–
Rail vehicle operators, n.e.c.	24.58	7.4	40.0	24.58	7.4	40.0	–	–	–
Ship captains and mates, except fishing boats ..	19.18	9.4	45.4	19.30	9.5	45.6	–	–	–
Sailors and deckhands	12.96	5.8	39.9	12.40	6.0	46.3	–	–	–
Bridge, lock and lighthouse tenders	13.49	2.7	40.0	13.49	2.7	40.0	–	–	–
Supervisors, material moving equipment	19.53	5.9	40.6	19.53	5.9	40.6	–	–	–
Operating engineers	19.65	6.0	39.8	19.65	6.0	39.8	–	–	–
Hoist and winch operators	13.03	12.7	40.0	13.03	12.7	40.0	–	–	–
Crane and tower operators	16.98	5.1	40.0	16.98	5.1	40.0	–	–	–
Excavating and loading machine operators	15.82	6.2	40.0	15.82	6.2	40.0	–	–	–
Grader, dozer, and scrapper operators	14.89	4.4	40.0	14.89	4.4	40.0	–	–	–
Industrial truck and tractor equipment operators	13.56	2.5	39.5	13.63	2.5	39.9	10.60	10.1	26.6
Miscellaneous material moving equipment operators, n.e.c.	15.61	4.2	37.3	15.92	4.3	39.8	11.75	8.7	20.4
Handlers, equipment cleaners, helpers, and laborers	10.98	1.3	35.6	11.45	1.4	39.7	8.20	1.7	21.9
Nursery workers	8.23	9.2	37.6	9.24	7.0	40.0	6.18	11.6	33.5
Supervisors, agriculture-related workers	18.17	6.7	40.0	18.19	6.7	40.1	–	–	–
Groundskeepers and gardeners, except farm ...	11.16	2.9	37.2	11.48	3.2	39.7	8.73	5.4	25.0
Animal caretakers, except farm	10.48	9.3	32.6	11.00	9.8	39.2	7.70	14.1	17.1
Inspectors, agricultural products	9.55	16.9	38.6	10.06	16.6	40.0	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.31	5.9	39.3	18.36	6.0	39.7	–	–	–
Helpers, mechanics and repairers	11.61	4.5	38.6	11.80	4.8	39.6	7.54	5.0	24.5
Helpers, construction trades	11.26	3.1	39.4	11.28	3.2	39.9	9.22	13.9	16.7
Helpers, extractive	11.11	18.2	40.0	11.11	18.2	40.0	–	–	–
Construction laborers	13.00	4.2	38.8	12.94	4.0	39.7	14.44	14.6	26.0
Production helpers	10.01	3.5	39.1	10.04	3.6	39.9	8.86	3.0	21.7
Garbage collectors	14.54	8.7	40.6	14.58	8.7	40.9	–	–	–
Stevedores	16.95	19.8	36.2	17.88	19.0	40.0	–	–	–
Stock handlers and baggers	9.56	1.9	29.5	10.96	1.9	39.6	7.31	2.0	20.9
Machine feeders and offbearers	10.48	3.0	39.1	10.51	3.1	39.8	9.21	12.1	22.6
Freight, stock, and material handlers, n.e.c.	12.10	4.9	34.9	12.47	5.2	39.8	10.16	3.1	21.2
Garage and service station related	9.87	6.6	37.3	9.97	7.0	39.5	8.70	11.2	22.7
Vehicle washers and equipment cleaners	9.88	2.8	37.1	10.10	3.0	39.5	7.03	4.0	21.0
Hand packers and packagers	9.31	3.7	36.9	9.47	4.2	39.7	7.94	4.6	22.6
Laborers, except construction, n.e.c.	10.62	2.4	36.9	10.96	2.5	39.7	8.33	3.2	24.9
Service	10.32	1.3	31.6	11.36	1.7	38.9	7.20	1.2	20.2
Protective service	16.83	2.3	37.0	17.45	2.1	40.6	9.52	2.9	18.1
Supervisors, firefighters and fire prevention	24.50	4.7	49.0	24.50	4.7	49.0	–	–	–

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 July 2002—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									
Supervisors, police and detectives	\$28.77	2.9	40.2	\$28.77	2.9	40.2	—	—	—
Supervisors, guards	19.78	5.7	38.4	20.07	5.5	39.2	—	—	—
Fire inspection and fire prevention	20.41	8.8	39.0	20.44	8.8	42.0	—	—	—
Firefighting	17.91	2.6	44.2	18.22	2.1	48.0	\$7.27	7.7	11.9
Police and detectives, public service	22.64	1.0	39.4	22.71	1.0	39.9	13.88	8.9	14.8
Sheriffs, bailiffs, and other law enforcement officers	18.58	1.9	38.2	18.63	2.0	39.8	16.99	12.9	16.3
Correctional institution officers	16.43	5.1	39.7	16.47	5.1	39.9	—	—	—
Crossing guards	9.60	4.9	17.9	—	—	—	9.26	3.7	17.7
Guards and police, except public service	10.24	2.9	33.3	10.40	3.1	39.2	9.47	3.8	19.3
Protective service, n.e.c.	11.72	6.5	25.8	13.39	7.9	39.1	8.65	8.1	15.9
Food service	7.41	1.1	28.4	8.25	1.5	38.2	6.19	1.1	20.7
Waiters, waitresses, and bartenders	4.88	2.7	26.5	5.13	3.1	37.1	4.60	3.2	20.1
Bartenders	6.75	3.8	27.3	6.95	5.1	37.6	6.46	5.4	19.6
Waiters and waitresses	4.21	3.3	26.5	4.37	4.2	36.8	4.05	3.5	20.5
Waiters'/Waitresses' assistants	6.01	3.2	25.9	6.38	4.9	37.9	5.58	3.5	18.7
Other food service	8.45	1.2	29.2	9.35	1.5	38.7	7.00	.8	20.9
Supervisors, food preparation and service	12.61	2.6	38.9	13.10	2.6	41.7	8.36	3.2	24.7
Cooks	9.10	1.5	33.6	9.49	1.4	38.4	7.54	2.3	22.5
Kitchen workers, food preparation	7.75	2.0	28.6	8.29	3.0	38.8	7.09	2.7	21.7
Food preparation, n.e.c.	7.48	1.1	25.6	8.15	1.5	37.9	6.90	1.1	20.0
Health service	10.54	1.8	34.1	10.72	1.9	38.7	9.59	2.3	20.7
Dental assistants	14.47	7.0	35.5	14.42	7.3	36.8	15.21	7.1	22.3
Health aides, except nursing	11.49	3.7	34.2	11.79	3.5	39.4	9.63	8.4	18.6
Nursing aides, orderlies and attendants	9.80	1.3	34.0	9.89	1.4	38.7	9.37	2.2	21.3
Cleaning and building service	10.23	2.0	34.7	10.64	1.9	39.4	7.89	3.1	20.8
Supervisors, cleaning and building service workers	14.73	4.0	39.6	14.78	4.0	40.0	—	—	—
Maids and housemen	8.21	1.6	34.6	8.20	1.8	38.5	8.26	4.6	20.7
Janitors and cleaners	10.38	2.1	34.2	10.93	1.6	39.6	7.76	3.4	20.9
Pest control	12.70	6.2	39.0	12.58	6.0	39.8	—	—	—
Personal service	10.28	3.7	29.2	10.95	5.3	37.1	8.49	4.1	18.7
Supervisors, personal service	15.16	4.1	39.4	15.34	3.9	40.3	8.77	11.0	21.4
Hairdressers and cosmetologists	13.12	7.3	26.1	13.79	8.3	37.7	11.98	11.3	17.1
Attendants, amusement, and recreation facilities	7.06	4.6	31.8	7.08	5.3	39.6	6.99	4.5	19.5
Guides	12.05	12.7	31.5	12.69	13.1	37.8	9.67	10.9	19.4
Ushers	8.33	3.5	23.2	—	—	—	7.68	5.8	18.5
Public transportation attendants	30.95	2.5	19.5	31.53	2.5	20.0	23.07	26.2	14.2
Baggage porters and bellhops	7.21	6.1	36.8	7.07	6.9	39.1	8.74	9.7	22.8
Welfare service aides	9.10	5.3	28.4	10.48	3.7	38.9	7.20	6.1	20.8
Early childhood teachers' assistants	8.32	3.8	30.4	8.48	4.7	37.7	7.81	3.9	18.7
Child care workers, n.e.c.	9.27	4.1	28.7	9.64	5.1	39.0	8.37	3.2	17.4
Service, n.e.c.	10.36	3.0	29.7	11.12	3.3	38.4	8.36	3.2	18.5

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

² 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. Data were collected between December 2001 and

January 2003. The average reference period was July 2002.

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

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 July 2002

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	\$16.40	0.9	35.6	\$17.41	0.9	39.7	\$9.27	1.0	20.6
All, excluding sales	16.63	.9	36.0	17.46	1.0	39.7	9.72	1.3	20.5
White collar	20.34	1.1	36.0	21.47	1.1	39.8	11.42	1.1	20.6
White collar, excluding sales	21.94	1.1	37.1	22.48	1.1	39.7	15.09	1.7	20.1
Professional specialty and technical	26.44	1.8	36.2	26.87	1.9	39.5	21.37	2.7	18.5
Professional specialty	28.94	2.3	36.5	29.34	2.5	39.7	24.03	2.8	18.1
Engineers, architects, and surveyors	33.09	1.5	40.5	33.08	1.5	40.7	34.35	10.8	21.2
Architects	26.14	8.8	40.4	26.13	8.8	40.5	-	-	-
Aerospace engineers	36.85	6.3	39.7	36.61	6.3	40.2	-	-	-
Metallurgical and materials engineers	30.09	8.4	40.9	30.09	8.4	40.9	-	-	-
Petroleum engineers	38.30	6.2	40.0	38.30	6.2	40.0	-	-	-
Chemical engineers	37.60	3.0	40.3	37.60	3.0	40.3	-	-	-
Nuclear engineers	36.83	2.8	40.0	36.83	2.8	40.0	-	-	-
Civil engineers	29.20	4.1	40.8	29.17	4.2	41.0	-	-	-
Electrical and electronic engineers	35.28	2.3	40.9	35.32	2.3	41.0	-	-	-
Industrial engineers	29.33	1.8	40.7	29.36	1.8	41.0	-	-	-
Mechanical engineers	29.85	3.3	40.6	29.90	3.3	40.8	-	-	-
Engineers, n.e.c.	35.13	3.3	40.1	35.11	3.3	40.3	-	-	-
Surveyors and mapping scientists	30.34	7.7	41.1	30.34	7.7	41.1	-	-	-
Mathematical and computer scientists	33.17	2.8	39.7	33.26	2.9	40.1	24.78	20.2	20.0
Computer systems analysts and scientists	33.48	2.8	39.7	33.57	2.8	40.2	24.62	22.0	19.5
Operations and systems researchers and analysts	31.05	5.4	39.8	31.08	5.4	39.9	-	-	-
Actuaries	33.13	7.6	40.4	33.13	7.6	40.4	-	-	-
Statisticians	25.91	8.3	40.2	25.91	8.3	40.2	-	-	-
Natural scientists	31.10	3.5	40.0	31.13	3.5	40.2	25.27	12.8	19.5
Chemists, except biochemists	30.88	4.4	39.3	30.92	4.4	39.5	-	-	-
Atmospheric and space scientists	23.70	20.1	40.4	23.70	20.1	40.4	-	-	-
Geologists and geodesists	32.99	12.5	40.4	32.99	12.5	40.4	-	-	-
Physical scientists, n.e.c.	32.36	6.2	40.8	32.37	6.2	40.9	-	-	-
Agricultural and food scientists	24.76	14.2	40.0	24.76	14.2	40.0	-	-	-
Biological and life scientists	33.88	10.0	39.0	34.02	10.0	39.5	-	-	-
Medical scientists	27.09	5.7	40.1	27.06	5.7	40.4	-	-	-
Health related	28.53	3.3	33.9	28.72	3.9	39.3	27.54	1.7	20.0
Physicians	57.41	8.0	38.5	57.06	8.4	41.2	69.85	4.5	11.7
Dentists	35.74	5.9	30.4	-	-	-	-	-	-
Optometrists	46.54	9.1	32.0	51.88	10.9	39.0	-	-	-
Health diagnosing practitioners, n.e.c.	21.56	11.3	30.6	-	-	-	-	-	-
Registered nurses	24.54	1.3	33.1	24.15	1.7	38.9	26.10	1.6	20.8
Pharmacists	37.48	1.3	33.2	37.63	1.4	39.7	36.37	3.5	14.9
Dietitians	19.81	4.2	36.8	19.43	4.4	39.9	23.96	6.0	20.1
Respiratory therapists	20.22	2.1	35.7	20.13	2.3	38.6	20.96	3.4	21.0
Occupational therapists	24.07	4.2	33.2	23.04	4.1	39.3	29.16	3.7	18.8
Physical therapists	26.59	2.9	32.5	25.45	2.6	39.8	31.68	4.3	17.8
Speech therapists	24.14	3.5	31.2	22.61	2.9	39.7	28.90	3.7	18.6
Therapists, n.e.c.	19.22	17.2	36.6	17.18	13.7	39.7	37.59	26.6	21.5
Physicians' assistants	31.64	4.9	39.6	31.64	4.9	40.0	-	-	-
Teachers, college and university	42.17	4.5	33.7	42.84	4.7	38.7	30.09	12.5	10.1
Biological science teachers	44.25	15.9	40.4	44.40	15.9	40.7	-	-	-
Chemistry teachers	51.77	10.4	38.4	51.81	10.4	38.8	-	-	-
Physics teachers	51.97	7.7	39.1	51.97	7.7	39.1	-	-	-
Psychology teachers	41.81	10.9	31.4	43.31	10.6	38.5	23.52	13.1	9.7
Economics teachers	48.68	10.7	34.3	48.79	10.7	34.3	-	-	-
History teachers	29.69	11.8	38.1	29.77	11.9	42.0	-	-	-
Political science teachers	36.06	16.7	37.6	36.32	16.6	40.0	-	-	-
Sociology teachers	34.17	15.7	40.7	34.17	15.7	40.7	-	-	-
Social science teachers, n.e.c.	40.83	8.5	34.8	38.93	9.1	38.2	-	-	-
Engineering teachers	56.73	7.4	30.9	55.52	10.9	39.0	-	-	-
Mathematical science teachers	37.37	7.6	37.2	37.76	7.7	39.2	17.28	14.2	10.3
Computer science teachers	27.41	9.6	28.3	27.37	9.3	38.5	27.97	20.6	5.6
Medical science teachers	53.36	6.7	39.4	54.04	6.5	41.7	-	-	-
Health specialties teachers	48.63	10.2	37.5	49.50	10.3	40.8	23.31	7.4	11.2
Business, commerce, and marketing teachers ..	46.30	9.3	34.1	46.57	9.3	37.6	31.83	10.6	5.9

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 July 2002—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									
Art, drama, and music teachers	\$32.46	5.4	32.4	\$32.63	5.9	38.9	\$30.79	9.1	12.1
Physical education teachers	29.73	8.8	23.8	32.50	8.6	38.9	—	—	—
Education teachers	41.22	19.1	33.8	42.29	18.6	36.6	18.34	17.5	12.9
English teachers	35.17	6.5	33.7	35.77	6.7	38.3	22.85	12.5	9.6
Foreign language teachers	40.77	8.4	35.3	41.72	7.9	37.9	—	—	—
Law teachers	51.39	12.8	28.3	52.32	13.3	37.8	—	—	—
Social work teachers	21.73	8.3	31.7	—	—	—	—	—	—
Theology teachers	48.03	21.7	38.1	48.18	21.7	38.2	—	—	—
Trade and industrial teachers	16.16	5.5	41.2	15.83	5.1	42.2	—	—	—
Other post-secondary teachers	42.36	15.9	29.3	44.29	16.2	37.4	22.22	12.0	9.0
Teachers, except college and university	17.50	3.4	31.8	17.82	3.5	38.2	15.23	8.3	14.4
Prekindergarten and kindergarten	11.37	3.9	35.0	11.44	4.1	38.6	11.08	7.6	24.5
Elementary school teachers	20.20	5.4	36.0	20.07	5.3	37.2	23.47	9.8	20.6
Secondary school teachers	28.36	5.8	35.3	27.84	4.4	38.0	—	—	—
Teachers, special education	22.59	6.1	35.1	23.03	6.3	38.0	—	—	—
Teachers, n.e.c.	18.64	4.4	23.3	18.91	4.1	38.6	17.46	12.2	8.5
Substitute teachers	9.55	8.2	13.5	—	—	—	9.55	8.2	13.5
Vocational and educational counselors	16.09	5.0	36.9	16.07	5.1	39.0	16.88	16.3	14.5
Librarians, archivists, and curators	23.24	6.2	37.1	23.47	6.5	38.4	15.99	11.3	18.3
Librarians	24.89	6.6	36.9	25.11	6.7	38.1	17.12	11.0	17.4
Archivists and curators	19.96	13.7	37.7	20.16	14.5	38.9	14.16	21.5	20.0
Social scientists and urban planners	26.51	4.2	36.5	26.87	4.4	40.0	21.25	15.2	15.8
Economists	27.92	3.5	40.9	27.92	3.5	40.9	—	—	—
Psychologists	24.73	7.9	31.9	25.37	8.7	39.0	21.24	15.2	16.1
Social scientists, n.e.c.	24.68	18.8	35.0	24.67	18.9	37.9	—	—	—
Social, recreation, and religious workers	15.58	6.7	37.2	15.66	7.2	39.3	14.42	11.6	20.8
Social workers	15.61	7.4	37.2	15.57	7.7	39.2	16.37	4.0	19.4
Recreation workers	12.65	18.4	34.3	15.18	9.1	38.7	—	—	—
Clergy	17.37	11.4	42.6	17.40	11.8	45.0	—	—	—
Religious workers, n.e.c.	19.25	6.6	37.8	19.26	6.7	39.8	—	—	—
Lawyers and judges	47.87	6.4	41.5	47.84	6.4	41.9	—	—	—
Lawyers	47.87	6.4	41.5	47.84	6.4	41.9	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.95	3.4	34.2	23.74	3.7	39.3	13.89	9.1	13.8
Technical writers	26.13	8.2	39.6	26.35	8.3	40.4	—	—	—
Designers	22.05	6.1	36.9	22.88	5.5	39.8	11.08	18.4	18.8
Musicians and composers	31.87	31.3	14.4	32.75	43.3	31.3	29.88	18.7	6.5
Actors and directors	25.45	9.7	33.3	27.33	10.2	40.6	13.93	20.3	15.9
Painters, sculptors, craft artists, and artist printmakers	19.36	8.5	38.7	19.65	8.5	39.4	—	—	—
Photographers	16.47	13.5	36.5	16.33	12.5	39.8	17.73	36.1	21.0
Dancers	6.28	33.8	18.2	—	—	—	5.41	34.6	17.1
Artists, performers, and related workers, n.e.c.	13.83	7.6	34.6	14.52	9.2	40.0	8.68	19.4	17.2
Editors and reporters	22.46	5.7	39.1	22.50	5.8	39.5	17.69	32.4	18.1
Public relations specialists	25.53	12.0	38.9	25.54	12.0	38.9	—	—	—
Announcers	22.49	38.5	23.8	27.57	48.4	36.7	12.12	22.8	13.9
Athletes	18.26	11.7	20.2	21.86	6.5	36.3	11.70	17.3	11.2
Professional, n.e.c.	30.78	7.0	38.3	30.96	7.0	39.5	—	—	—
Technical	20.28	1.9	35.7	20.72	1.9	38.9	15.92	4.4	19.4
Clinical laboratory technologists and technicians	17.36	3.1	36.4	17.23	3.2	38.7	18.78	5.4	21.5
Dental hygienists	29.08	4.7	22.6	30.54	4.8	36.1	26.30	6.1	13.2
Health record technologists and technicians	12.99	15.7	37.6	13.00	16.8	39.8	12.87	9.1	21.8
Radiological technicians	22.40	3.6	35.3	22.49	4.0	39.5	21.71	3.7	19.3
Licensed practical nurses	15.79	1.4	34.2	15.68	1.5	38.9	16.29	2.8	21.4
Health technologists and technicians, n.e.c.	14.89	3.4	32.2	15.63	2.6	39.4	11.94	6.5	18.6
Electrical and electronic technicians	19.47	5.5	39.3	19.49	5.5	39.9	17.99	20.6	18.2
Industrial engineering technicians	22.23	3.9	40.2	22.23	3.9	40.2	—	—	—
Mechanical engineering technicians	22.64	4.0	40.2	22.68	4.0	40.3	—	—	—

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Engineering technicians, n.e.c.	\$21.75	4.3	39.2	\$22.29	4.4	40.0	\$14.31	3.2	30.8
Drafters	18.96	3.4	40.1	18.95	3.4	40.3	—	—	—
Surveying and mapping technicians	15.83	7.5	40.9	15.83	7.5	40.9	—	—	—
Biological technicians	16.63	5.4	33.1	17.24	5.3	39.5	—	—	—
Chemical technicians	20.35	7.0	39.8	20.35	7.0	39.8	—	—	—
Science technicians, n.e.c.	21.01	8.1	39.8	20.97	8.2	39.9	—	—	—
Airplane pilots and navigators	105.97	8.5	21.4	112.98	6.6	22.1	—	—	—
Broadcast equipment operators	15.87	9.7	34.5	18.61	12.1	40.0	7.97	11.6	24.8
Computer programmers	25.08	5.3	39.1	25.13	5.3	39.9	21.74	13.5	15.4
Tool programmers, numerical control	20.78	5.7	40.0	20.78	5.7	40.0	—	—	—
Legal assistants	18.00	5.8	37.2	18.10	5.6	38.5	—	—	—
Technical and related, n.e.c.	19.76	4.7	38.8	20.12	4.9	40.0	12.33	27.3	24.8
Executive, administrative, and managerial	31.55	3.2	40.3	31.67	3.1	40.8	21.32	11.7	19.6
Executives, administrators, and managers	34.90	3.8	40.8	35.00	3.8	41.1	22.62	20.9	21.0
Administrators and officials, public									
administration	47.91	20.3	39.0	47.91	20.3	39.0	—	—	—
Financial managers	35.98	9.2	40.5	36.02	9.2	40.8	—	—	—
Personnel and labor relations managers	31.77	11.2	41.4	31.77	11.2	41.4	—	—	—
Purchasing managers	32.18	4.1	40.6	32.18	4.1	40.6	—	—	—
Managers, marketing, advertising, and public									
relations	42.74	10.0	40.9	42.76	10.0	40.9	—	—	—
Administrators, education and related fields	26.25	7.9	39.5	26.39	8.1	40.7	—	—	—
Managers, medicine and health	33.64	4.1	39.9	33.68	4.1	40.1	31.04	15.5	27.9
Managers, food servicing and lodging									
establishments	18.53	4.3	42.2	18.81	4.1	43.6	—	—	—
Managers, properties and real estate	20.65	10.5	37.5	21.84	9.0	39.6	—	—	—
Funeral directors	22.95	14.5	47.1	22.95	14.5	47.1	—	—	—
Managers, service organizations, n.e.c.	28.25	9.2	40.1	28.28	9.2	40.7	26.28	25.1	22.2
Managers and administrators, n.e.c.	36.86	5.2	41.1	36.86	5.2	41.3	—	—	—
Management related	25.53	2.2	39.3	25.63	2.2	40.1	20.24	10.5	18.5
Accountants and auditors	23.77	3.1	38.8	23.77	2.9	39.9	23.70	14.6	22.0
Underwriters	23.97	7.0	37.7	23.97	7.0	37.7	—	—	—
Other financial officers	31.94	6.4	39.7	32.20	6.3	40.0	16.92	34.1	27.6
Management analysts	29.53	4.1	40.1	29.54	4.1	40.1	—	—	—
Personnel, training, and labor relations									
specialists	23.30	4.0	38.8	23.41	4.1	41.5	16.38	20.8	8.1
Purchasing agents and buyers, farm products ..	27.51	20.9	39.5	27.51	20.9	39.5	—	—	—
Buyers, wholesale and retail trade, except farm									
products	23.30	8.9	39.3	23.39	8.8	39.8	—	—	—
Purchasing agents and buyers, n.e.c.	25.28	4.4	39.7	25.30	4.4	40.1	—	—	—
Construction inspectors	23.04	10.9	39.6	23.45	10.6	40.4	—	—	—
Inspectors and compliance officers, except									
construction	24.33	6.6	41.3	24.36	6.7	41.3	—	—	—
Management related, n.e.c.	23.96	2.3	39.4	24.03	2.3	39.8	18.22	13.1	21.5
Sales	14.51	2.1	32.6	16.91	2.1	40.3	7.66	1.2	21.1
Supervisors, sales	19.16	4.7	41.0	19.28	4.7	41.4	7.94	7.1	20.2
Insurance sales	21.45	8.6	39.9	21.58	8.5	40.3	—	—	—
Real estate sales	19.00	9.3	38.2	19.29	9.1	39.3	—	—	—
Securities and financial services sales	43.42	11.8	39.6	43.52	11.8	39.8	—	—	—
Advertising and related sales	20.90	8.7	36.7	21.63	8.2	38.7	—	—	—
Sales, other business services	20.99	9.9	36.8	22.38	9.3	40.9	9.00	17.4	19.7
Sales engineers	37.71	19.9	42.8	37.71	19.9	42.8	—	—	—
Sales representatives, mining, manufacturing,									
and wholesale	24.08	5.2	40.1	24.14	5.2	40.6	—	—	—
Sales workers, motor vehicles and boats	18.95	4.8	45.4	18.94	4.8	45.6	—	—	—
Sales workers, apparel	9.05	3.5	25.1	10.57	4.1	37.8	7.83	3.9	19.7
Sales workers, shoes	8.64	4.9	23.3	10.17	9.0	39.8	7.87	6.7	19.2
Sales workers, furniture and home furnishings ..	11.21	10.2	26.8	15.29	8.4	41.5	7.82	5.7	20.7

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 July 2002—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 workers, radio, tv, hi-fi, and appliances ...	\$19.71	32.5	33.6	—	—	—	\$9.00	3.5	23.4
Sales workers, hardware and building supplies	13.82	5.5	37.5	\$14.42	6.5	41.1	10.16	2.6	24.6
Sales workers, parts	13.79	4.4	38.5	14.15	4.8	40.7	8.20	4.5	20.7
Sales workers, other commodities	11.73	5.9	29.9	13.88	6.0	39.6	7.59	1.2	20.3
Sales counter clerks	8.92	8.9	29.5	10.34	9.6	39.4	6.75	4.1	21.2
Cashiers	8.14	1.4	28.8	8.80	2.0	39.2	7.39	1.3	22.1
Street and door-to-door sales workers	14.87	31.1	26.3	18.14	29.0	39.9	—	—	—
News vendors	8.00	8.6	20.7	—	—	—	7.97	8.6	20.6
Demonstrators, promoters, and models, sales ..	23.28	28.4	26.7	—	—	—	8.65	8.9	13.4
Sales support, n.e.c.	13.98	7.7	34.6	15.45	9.4	40.2	8.70	5.1	23.0
Administrative support, including clerical									
Supervisors, general office	17.81	3.4	38.8	17.91	3.5	39.6	—	—	—
Supervisors, computer equipment operators	18.09	13.7	40.3	18.09	13.7	40.3	—	—	—
Supervisors, financial records processing	19.70	2.5	39.0	19.70	2.5	39.0	—	—	—
Chief communications operators	21.85	11.7	40.0	21.85	11.7	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.82	5.2	40.0	20.11	5.1	40.6	—	—	—
Computer operators	16.14	2.5	38.6	16.21	2.4	39.4	11.35	9.5	16.8
Peripheral equipment operators	14.02	11.7	39.4	14.02	11.8	39.7	—	—	—
Secretaries	14.84	1.4	37.2	14.93	1.4	39.0	13.62	4.4	22.7
Stenographers	15.60	7.3	32.4	15.74	7.6	39.8	15.20	14.5	21.1
Typists	14.13	4.1	36.5	14.36	4.4	38.5	11.33	7.1	22.8
Interviewers	11.18	4.8	30.1	12.02	4.0	39.7	8.95	5.2	18.3
Hotel clerks	8.71	2.4	35.9	8.83	2.6	39.6	7.99	4.0	23.1
Transportation ticket and reservation agents	13.60	5.4	35.9	13.50	5.9	39.4	14.13	8.3	23.6
Receptionists	10.61	2.1	33.5	11.01	2.0	39.3	8.80	2.8	20.1
Information clerks, n.e.c.	11.99	3.0	37.0	12.26	3.0	39.6	10.10	3.3	25.2
Classified ad clerks	10.63	15.1	38.2	—	—	—	—	—	—
Correspondence clerks	13.11	2.2	39.0	13.14	2.2	40.0	—	—	—
Order clerks	13.18	1.9	37.4	13.52	1.8	39.6	9.63	5.3	23.5
Personnel clerks, except payroll and timekeeping	15.03	3.1	39.2	15.04	3.0	39.9	14.54	8.9	23.8
Library clerks	11.85	7.4	29.0	12.67	6.3	38.0	10.03	11.2	19.0
File clerks	9.89	2.2	32.7	10.07	2.9	39.6	9.07	6.6	18.1
Records clerks, n.e.c.	12.88	2.5	38.3	12.92	2.5	39.5	12.10	7.1	24.6
Bookkeepers, accounting and auditing clerks ...	13.52	1.6	36.8	13.75	1.7	39.4	11.17	4.5	21.5
Payroll and timekeeping clerks	14.98	2.7	34.7	15.16	2.7	39.6	12.76	13.6	13.7
Billing clerks	12.07	3.7	37.1	12.09	3.9	39.7	11.68	4.7	17.2
Cost and rate clerks	14.76	23.1	40.2	14.76	23.1	40.2	—	—	—
Billing, posting, and calculating machine operators	11.96	4.7	33.3	13.20	5.7	38.6	9.05	4.8	25.2
Duplicating machine operators	11.51	4.0	37.4	11.70	4.3	39.3	9.80	11.4	26.0
Mail preparing and paper handling machine operators	11.32	6.5	38.0	11.41	6.8	39.6	—	—	—
Office machine operators, n.e.c.	10.15	5.7	39.2	10.18	5.7	39.9	—	—	—
Telephone operators	12.60	4.4	34.5	13.23	4.1	39.0	9.42	3.7	22.0
Communications equipment operators, n.e.c.	10.38	14.3	30.8	11.00	15.7	39.9	—	—	—
Mail clerks, except postal service	11.45	6.0	34.6	11.98	6.6	39.0	8.59	4.2	21.6
Messengers	8.85	4.9	29.4	9.50	8.2	39.9	7.52	5.8	19.1
Dispatchers	14.97	3.2	39.5	15.11	3.2	40.2	10.12	5.9	25.7
Production coordinators	17.13	3.3	39.0	17.23	3.3	39.9	9.75	21.3	14.6
Traffic, shipping and receiving clerks	12.70	2.9	38.4	12.75	3.0	39.9	—	—	—
Stock and inventory clerks	12.32	2.1	36.8	12.59	2.4	39.9	9.59	4.0	20.8
Meter readers	16.48	5.9	38.6	16.56	6.1	40.0	—	—	—
Weighers, measurers, checkers, and samplers	14.95	7.7	39.9	15.04	7.8	40.1	—	—	—
Expeditors	14.63	3.4	37.7	15.06	3.2	39.7	8.07	8.2	21.3
Material recording, scheduling, and distribution clerks, n.e.c.	13.26	9.2	38.6	13.32	9.7	39.7	11.66	19.5	23.0
Insurance adjusters, examiners, and investigators	19.01	8.5	38.0	19.21	8.4	38.8	13.43	3.6	24.1

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 July 2002—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									
Investigators and adjusters, except insurance ...	\$14.67	2.3	38.5	\$14.75	2.4	39.7	\$13.01	6.8	22.8
Eligibility clerks, social welfare	12.23	2.8	39.2	12.31	2.8	39.5	—	—	—
Bill and account collectors	13.18	4.0	37.2	13.32	4.1	39.5	11.73	10.8	22.9
General office clerks	12.32	1.3	35.4	12.64	1.3	39.3	10.17	2.9	21.2
Bank tellers	10.00	1.3	33.7	10.16	1.5	39.2	9.34	1.9	21.7
Proofreaders	12.15	9.4	36.2	12.07	11.2	39.7	—	—	—
Data entry keyers	11.99	2.5	35.9	12.12	2.9	39.5	11.38	6.9	25.0
Statistical clerks	13.82	5.2	38.8	13.87	5.4	39.6	11.75	9.9	21.2
Teachers' aides	9.74	4.1	28.2	9.73	4.4	36.0	9.75	8.4	19.0
Administrative support, n.e.c.	13.45	1.6	34.9	13.89	1.7	39.3	10.42	4.9	19.6
Blue collar	14.39	.9	38.2	14.73	.9	40.0	8.74	1.8	21.8
Precision production, craft, and repair									
Supervisors, mechanics and repairers	22.70	3.4	41.0	22.69	3.4	41.1	—	—	—
Automobile mechanics	17.02	3.8	40.2	17.07	3.9	40.3	—	—	—
Automobile mechanic apprentices	11.95	5.8	40.5	11.95	5.8	40.5	—	—	—
Bus, truck, and stationary engine mechanics	16.22	3.8	39.5	16.36	3.8	40.4	—	—	—
Aircraft engine mechanics	25.19	5.3	40.0	25.19	5.3	40.0	—	—	—
Small engine repairers	13.53	4.3	39.9	13.55	4.3	40.0	—	—	—
Automobile body and related repairers	17.48	9.4	39.8	17.62	9.4	40.2	—	—	—
Aircraft mechanics, except engine	25.00	6.7	40.0	25.00	6.7	40.0	—	—	—
Heavy equipment mechanics	18.86	5.2	39.6	18.86	5.2	39.9	—	—	—
Farm equipment mechanics	14.28	6.8	41.0	14.31	6.7	41.0	—	—	—
Industrial machinery repairers	19.18	2.2	39.8	19.17	2.2	39.8	—	—	—
Machinery maintenance	14.88	6.6	37.5	15.55	5.3	39.6	—	—	—
Electronic repairers, communications and industrial equipment	19.47	4.2	38.6	19.63	4.2	39.9	15.07	19.7	20.4
Data processing equipment repairers	15.40	16.6	39.7	15.50	16.9	39.7	—	—	—
Household appliance and power tool repairers	15.18	7.1	38.9	15.18	7.2	39.3	—	—	—
Telephone line installers and repairers	23.49	3.7	40.0	23.49	3.7	40.0	—	—	—
Telephone installers and repairers	22.74	2.6	40.0	22.74	2.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.39	3.8	39.5	16.25	3.7	39.8	—	—	—
Camera, watch, and musical instrument repairers	14.85	24.0	40.0	14.85	24.0	40.0	—	—	—
Locksmiths and safe repairers	13.77	9.1	41.3	13.77	9.1	41.3	—	—	—
Office machine repairers	14.54	8.6	39.9	14.54	8.6	39.9	—	—	—
Mechanical controls and valve repairers	20.94	6.3	40.0	20.94	6.3	40.0	—	—	—
Elevator installers and repairers	36.02	9.6	40.0	36.02	9.6	40.0	—	—	—
Millwrights	21.77	5.5	40.0	21.75	5.6	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.78	3.3	38.8	15.85	3.3	39.5	10.36	19.4	17.3
Supervisors, carpenters and related workers	24.99	5.9	39.9	25.07	5.9	40.2	—	—	—
Supervisors, electricians and power transmission installers	27.12	5.1	40.0	27.12	5.1	40.0	—	—	—
Supervisors, painters, paperhangers, and plasterers	19.86	13.3	40.9	19.86	13.3	40.9	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	24.75	6.6	41.1	24.75	6.6	41.1	—	—	—
Supervisors, construction trades, n.e.c.	21.19	4.3	40.3	21.19	4.3	40.3	—	—	—
Brickmasons and stonemasons	19.94	7.5	40.0	19.94	7.5	40.0	—	—	—
Tile setters, hard and soft	22.47	14.2	40.0	22.47	14.2	40.0	—	—	—
Carpet installers	19.05	12.3	39.0	19.18	13.0	39.5	—	—	—
Carpenters	18.24	3.5	39.7	18.20	3.5	40.0	21.94	11.9	26.5
Carpenter apprentices	17.40	13.6	40.0	17.40	13.6	40.0	—	—	—
Drywall installers	20.74	10.2	40.0	20.75	10.2	40.0	—	—	—
Electricians	22.53	4.0	39.5	22.53	4.0	39.7	—	—	—
Electrician apprentices	14.77	4.1	39.9	14.78	4.1	39.9	—	—	—
Electrical power installers and repairers	24.41	4.5	40.0	24.41	4.5	40.0	—	—	—
Painters, construction and maintenance	13.29	6.0	39.7	13.30	6.0	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 July 2002—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									
Plumbers, pipefitters and steamfitters	\$21.45	4.2	39.5	\$21.46	4.2	39.6	—	—	—
Plumber, pipefitter, and steamfitter apprentices	18.31	12.8	39.5	18.31	12.8	39.5	—	—	—
Concrete and terrazzo finishers	18.56	9.7	39.4	18.56	9.7	39.4	—	—	—
Glaziers	15.82	6.5	40.0	15.82	6.5	40.0	—	—	—
Insulation workers	14.38	5.9	39.8	14.38	5.9	39.8	—	—	—
Paving, surfacing, and tamping equipment operators	16.34	20.4	42.1	16.34	20.4	42.1	—	—	—
Roofers	14.68	10.3	38.7	14.68	10.3	38.7	—	—	—
Sheetmetal duct installers	20.54	14.6	40.0	20.54	14.6	40.0	—	—	—
Structural metal workers	17.27	5.8	40.0	17.27	5.8	40.0	—	—	—
Construction trades, n.e.c.	16.00	5.4	39.6	16.00	5.4	39.9	\$16.62	26.1	19.8
Supervisors, extractive	23.58	8.2	41.4	23.58	8.2	41.4	—	—	—
Drillers, oil well	20.01	18.2	40.0	20.01	18.2	40.0	—	—	—
Mining machine operators	15.51	9.7	40.0	15.51	9.7	40.0	—	—	—
Mining, n.e.c.	20.21	10.2	47.6	20.21	10.2	47.6	—	—	—
Supervisors, production	20.67	3.2	40.4	20.66	3.2	40.5	—	—	—
Tool and die makers	21.87	2.1	40.0	21.87	2.1	40.0	—	—	—
Tool and die maker apprentices	13.43	12.2	39.8	13.43	12.2	39.8	—	—	—
Precision assemblers, metal	19.22	4.1	40.0	19.22	4.1	40.0	—	—	—
Machinists	18.48	4.9	39.8	18.50	5.0	40.0	—	—	—
Machinist apprentices	14.49	3.7	40.0	14.49	3.7	40.0	—	—	—
Precision grinders, filers, and tool sharpeners	17.03	6.5	39.7	17.03	6.5	39.7	—	—	—
Patternmakers and modelmakers, metal	20.85	11.8	40.0	20.85	11.8	40.0	—	—	—
Layout workers	17.08	14.5	40.0	17.08	14.5	40.0	—	—	—
Precious stones and metals workers	12.72	16.9	39.8	12.72	16.9	39.8	—	—	—
Engravers, metal	17.15	19.9	40.0	17.15	19.9	40.0	—	—	—
Sheet metal workers	17.07	9.2	38.5	17.07	9.2	38.5	—	—	—
Sheet metal worker apprentices	14.16	17.2	39.1	14.16	17.2	39.1	—	—	—
Cabinet makers and bench carpenters	11.82	7.3	39.2	11.87	7.2	40.0	—	—	—
Furniture and wood finishers	12.61	6.8	40.0	12.61	6.8	40.0	—	—	—
Tailors	13.85	10.2	28.5	14.72	9.9	39.4	—	—	—
Upholsterers	15.84	13.7	40.0	15.84	13.7	40.0	—	—	—
Hand molders and shapers, except jewelers	17.56	5.3	40.0	17.56	5.3	40.0	—	—	—
Patternmakers, layout workers, and cutters	16.53	6.8	39.6	16.56	6.9	40.0	—	—	—
Dental laboratory and medical appliance technicians	14.71	4.3	39.5	14.71	4.3	39.5	—	—	—
Bookbinders	16.81	14.7	38.1	17.17	14.7	39.8	—	—	—
Electrical and electronic equipment assemblers	12.46	3.9	39.1	12.35	4.0	39.9	—	—	—
Miscellaneous precision workers, n.e.c.	15.06	8.7	39.7	15.08	8.7	39.9	—	—	—
Precision food production	12.94	10.2	39.9	12.94	10.2	39.9	—	—	—
Butchers and meat cutters	11.40	3.9	37.5	11.37	4.0	39.7	12.21	8.2	14.9
Bakers	10.73	5.5	35.0	11.52	3.5	39.5	8.02	12.8	25.2
Food batchmakers	11.69	10.7	39.8	11.69	10.8	40.2	—	—	—
Inspectors, testers, and graders	17.74	3.0	40.3	17.74	3.0	40.3	—	—	—
Precision inspectors, testers, and related workers, n.e.c.	21.85	7.3	40.0	21.85	7.3	40.0	—	—	—
Adjusters and calibrators	14.71	7.3	36.8	14.71	7.3	36.8	—	—	—
Water and sewer treatment plant operators	14.61	14.0	40.0	14.61	14.0	40.0	—	—	—
Power plant operators	25.74	3.5	40.0	25.74	3.5	40.0	—	—	—
Stationary engineers	21.73	5.3	39.9	21.73	5.3	39.9	—	—	—
Miscellaneous plant and system operators, n.e.c.	22.52	3.2	39.5	22.52	3.2	39.5	—	—	—
Machine operators, assemblers, and inspectors	12.93	1.4	39.2	13.03	1.4	39.8	8.82	3.3	23.6
Lathe and turning machine set-up operators	16.07	5.4	40.0	16.07	5.4	40.0	—	—	—
Lathe and turning machine operators	15.00	5.9	40.0	15.00	5.9	40.0	—	—	—
Milling and planing machine operators	13.04	5.2	40.0	13.04	5.2	40.0	—	—	—
Punching and stamping press operators	12.77	7.8	39.9	12.77	7.8	40.0	—	—	—
Rolling machine operators	15.38	11.8	40.0	15.38	11.8	40.0	—	—	—
Drilling and boring machine operators	11.82	11.1	40.0	11.82	11.1	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 July 2002—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									
Grinding, abrading, buffing, and polishing machine operators	\$13.08	3.6	38.9	\$13.21	3.5	40.0	—	—	—
Forging machine operators	13.75	7.4	39.8	13.75	7.4	39.8	—	—	—
Numerical control machine operators	14.63	4.5	39.7	14.64	4.5	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.38	4.3	39.1	14.63	3.9	39.9	—	—	—
Molding and casting machine operators	12.32	3.5	39.6	12.40	3.5	39.7	\$7.27	5.7	34.4
Metal plating machine operators	13.68	7.0	39.5	13.76	6.9	39.6	—	—	—
Heat treating equipment operators	15.71	7.5	40.0	15.71	7.5	40.0	—	—	—
Wood lathe, routing, and planing machine operators	11.78	6.2	38.2	11.78	6.3	39.9	—	—	—
Sawing machine operators	11.98	4.3	39.8	11.99	4.3	39.9	—	—	—
Shaping and jointing machine operators	12.68	5.3	40.0	12.68	5.3	40.0	—	—	—
Nailing and tacking machine operators	10.86	6.3	38.2	10.86	6.3	38.2	—	—	—
Printing press operators	15.87	3.5	39.3	15.87	3.5	39.5	—	—	—
Photoengravers and lithographers	16.83	4.4	39.4	16.83	4.4	39.4	—	—	—
Typesetters and compositors	13.38	10.0	32.7	14.45	7.5	39.2	9.14	17.9	19.7
Winding and twisting machine operators	12.94	9.9	39.8	12.95	9.9	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	12.36	8.7	39.9	12.36	8.7	39.9	—	—	—
Textile cutting machine operators	9.98	6.8	39.2	9.98	6.8	39.2	—	—	—
Textile sewing machine operators	8.93	6.3	38.9	8.91	6.4	39.5	—	—	—
Pressing machine operators	9.08	4.0	39.3	9.08	4.0	39.4	—	—	—
Laundering and dry cleaning machine operators	8.40	4.4	37.9	8.46	4.6	39.3	7.11	4.8	22.1
Cementing and gluing machine operators	11.91	8.3	40.0	11.91	8.3	40.0	—	—	—
Packaging and filling machine operators	12.40	4.2	39.2	12.53	3.9	39.9	—	—	—
Extruding and forming machine operators	12.78	6.1	39.4	12.78	6.1	39.4	—	—	—
Mixing and blending machine operators	14.87	4.6	39.8	14.87	4.6	39.9	—	—	—
Separating, filtering, and clarifying machine operators	18.99	3.6	39.8	18.99	3.6	39.8	—	—	—
Compressing and compacting machine operators	11.39	2.7	40.4	11.39	2.7	40.4	—	—	—
Painting and paint spraying machine operators	15.10	6.0	40.0	15.10	6.0	40.0	—	—	—
Roasting and baking machine operators, food ..	11.42	9.4	39.7	11.41	9.5	40.0	—	—	—
Washing, cleaning, and pickling machine operators	13.22	10.2	40.0	13.22	10.2	40.0	—	—	—
Folding machine operators	13.07	7.7	40.0	13.07	7.7	40.0	—	—	—
Furnace, kiln, and oven operators, except food ..	13.60	6.3	39.7	13.59	6.4	40.0	—	—	—
Crushing and grinding machine operators	12.95	4.6	40.1	12.95	4.6	40.1	—	—	—
Slicing and cutting machine operators	13.12	4.6	39.5	13.16	4.6	39.9	—	—	—
Motion picture projectionists	12.24	25.2	28.4	—	—	—	18.08	24.3	18.2
Photographic process machine operators	10.93	5.2	32.3	11.92	4.6	39.9	7.74	2.5	20.0
Miscellaneous machine operators, n.e.c.	13.46	2.7	39.5	13.51	2.7	39.8	9.23	2.9	24.9
Welders and cutters	15.35	2.4	40.0	15.36	2.4	40.0	—	—	—
Solders and braziers	10.35	9.8	40.0	10.35	9.8	40.0	—	—	—
Assemblers	12.83	3.3	39.0	13.01	3.2	40.0	8.50	7.2	24.5
Hand cutting and trimming	9.86	12.6	39.6	9.89	12.7	40.0	—	—	—
Hand molding, casting, and forming	10.91	7.4	40.0	10.91	7.4	40.0	—	—	—
Hand painting, coating, and decorating	11.34	6.3	39.1	11.35	6.4	40.0	—	—	—
Hand engraving and printing	15.50	27.8	30.1	17.89	25.8	37.6	—	—	—
Miscellaneous hand working, n.e.c.	11.12	6.0	39.1	11.18	6.0	39.6	—	—	—
Production inspectors, checkers and examiners ..	13.18	4.1	39.6	13.20	4.1	39.8	9.82	8.0	24.2
Production testers	13.26	4.7	39.9	13.26	4.7	39.9	—	—	—
Production samplers and weighers	10.71	9.3	30.9	11.63	6.5	39.8	—	—	—
Graders and sorters, except agricultural	9.89	7.4	38.5	9.98	7.6	39.9	—	—	—
Hand inspectors, n.e.c.	10.49	10.2	39.8	10.49	10.2	39.8	—	—	—
Transportation and material moving	14.10	1.7	37.9	14.55	1.7	41.0	9.04	4.8	20.8
Supervisors, motor vehicle operators	18.68	4.5	43.3	18.77	4.6	43.4	—	—	—
Truck drivers	14.13	2.2	40.3	14.28	2.3	41.8	9.92	6.9	20.1
Driver-sales workers	12.76	5.9	35.5	14.02	5.6	40.8	8.11	11.1	24.1

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Bus drivers	\$12.62	3.9	26.7	\$13.27	5.9	37.6	\$11.87	2.8	20.0
Taxicab drivers and chauffeurs	8.31	6.6	30.2	8.41	7.6	39.5	7.79	3.8	13.2
Parking lot attendants	8.24	7.5	32.4	8.69	8.5	39.9	6.87	6.4	20.6
Motor transportation, n.e.c.	7.82	6.7	29.0	9.27	7.8	38.5	5.99	8.4	22.1
Railroad conductors and yardmasters	34.99	4.8	40.0	34.99	4.8	40.0	—	—	—
Ship captains and mates, except fishing boats ..	18.80	9.5	45.6	18.92	9.6	45.9	—	—	—
Sailors and deckhands	12.06	6.5	40.4	11.30	7.6	47.9	—	—	—
Supervisors, material moving equipment	19.57	5.9	40.7	19.57	5.9	40.7	—	—	—
Operating engineers	22.52	4.1	39.7	22.52	4.1	39.7	—	—	—
Hoist and winch operators	13.03	12.7	40.0	13.03	12.7	40.0	—	—	—
Crane and tower operators	16.89	5.1	40.0	16.89	5.1	40.0	—	—	—
Excavating and loading machine operators	15.88	6.6	40.0	15.88	6.6	40.0	—	—	—
Grader, dozer, and scrapper operators	16.07	6.2	40.0	16.07	6.2	40.0	—	—	—
Industrial truck and tractor equipment operators ..	13.58	2.6	39.5	13.65	2.6	39.9	10.60	10.1	26.6
Miscellaneous material moving equipment operators, n.e.c.	15.61	4.9	37.0	15.97	5.0	39.9	11.77	9.0	20.5
Handlers, equipment cleaners, helpers, and laborers									
Nursery workers	8.26	9.5	37.5	9.33	7.3	40.0	6.18	11.6	33.5
Supervisors, agriculture-related workers	17.76	8.5	40.1	17.76	8.5	40.1	—	—	—
Groundskeepers and gardeners, except farm ...	10.25	3.4	36.6	10.55	3.5	39.7	8.37	5.5	24.5
Animal caretakers, except farm	9.17	6.4	31.3	9.53	6.7	39.3	7.68	14.5	17.0
Inspectors, agricultural products	9.55	16.9	38.6	10.06	16.6	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.32	6.9	39.2	18.37	7.0	39.6	—	—	—
Helpers, mechanics and repairers	11.12	4.4	38.6	11.31	4.6	39.7	7.41	5.0	24.7
Helpers, construction trades	11.19	3.2	39.4	11.21	3.3	39.9	9.22	13.9	16.7
Helpers, extractive	11.11	18.2	40.0	11.11	18.2	40.0	—	—	—
Construction laborers	13.05	4.6	38.8	12.96	4.5	39.7	14.93	15.1	25.9
Production helpers	10.00	3.5	39.1	10.03	3.6	39.9	8.73	2.7	22.3
Garbage collectors	13.42	9.3	41.2	13.44	9.2	41.5	—	—	—
Stevedores	16.91	20.3	36.1	17.86	19.5	40.0	—	—	—
Stock handlers and baggers	9.55	1.9	29.5	10.95	1.9	39.6	7.31	2.0	20.9
Machine feeders and offbearers	10.49	3.0	39.1	10.53	3.1	39.8	9.21	12.1	22.6
Freight, stock, and material handlers, n.e.c.	12.09	4.9	34.8	12.46	5.2	39.8	10.16	3.1	21.2
Garage and service station related	9.80	6.8	37.2	9.89	7.3	39.5	8.70	11.2	22.7
Vehicle washers and equipment cleaners	9.85	2.9	37.1	10.07	3.1	39.5	7.04	4.1	21.1
Hand packers and packagers	9.31	3.7	36.9	9.47	4.2	39.7	7.94	4.6	22.6
Laborers, except construction, n.e.c.	10.39	2.6	36.7	10.71	2.7	39.6	8.33	3.3	25.0
Service									
Protective service	8.85	1.0	30.5	9.61	1.4	38.5	7.02	1.3	20.3
Supervisors, guards	10.51	4.0	32.6	10.82	4.3	39.3	9.12	3.1	18.5
Firefighting	17.90	6.5	38.5	18.02	6.3	39.1	—	—	—
Police and detectives, public service	13.24	25.1	37.9	—	—	—	—	—	—
Guards and police, except public service	16.08	11.2	29.3	—	—	—	—	—	—
Protective service, n.e.c.	10.04	3.0	33.2	10.18	3.2	39.3	9.41	3.9	19.3
Food service	8.26	4.3	20.5	9.13	5.1	38.8	7.34	5.4	13.7
Waiters, waitresses, and bartenders	7.26	1.2	28.3	8.09	1.5	38.4	6.08	1.1	20.7
Bartenders	4.86	2.7	26.5	5.11	3.1	37.1	4.59	3.2	20.1
Waiters and waitresses	6.75	3.8	27.3	6.95	5.1	37.6	6.45	5.4	19.6
Waiters/Waitresses' assistants	4.20	3.3	26.5	4.35	4.2	36.8	4.05	3.5	20.5
Other food service	5.98	3.3	25.9	6.32	5.0	37.9	5.57	3.5	18.8
Supervisors, food preparation and service	8.31	1.2	29.1	9.24	1.5	38.9	6.87	.8	21.0
Cooks	12.55	2.6	39.1	13.09	2.7	42.1	8.13	3.0	24.6
Kitchen workers, food preparation	9.00	1.6	33.6	9.41	1.5	38.6	7.42	2.3	22.4
Food preparation, n.e.c.	7.63	2.0	28.6	8.19	3.2	39.0	6.98	2.3	21.8
Health service	7.27	1.2	25.5	7.92	1.5	38.1	6.73	1.2	20.0
Dental assistants	10.24	2.0	33.8	10.40	2.2	38.6	9.46	2.4	20.7
	14.49	7.1	35.4	14.48	7.5	36.8	14.70	6.7	22.5

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 July 2002–Continued**

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Health service –Continued									
Health aides, except nursing	\$11.17	4.7	33.7	\$11.47	4.4	39.4	\$9.44	9.1	18.5
Nursing aides, orderlies and attendants	9.43	1.4	33.6	9.47	1.4	38.6	9.27	2.2	21.3
Cleaning and building service	9.69	2.0	33.8	10.11	2.0	39.3	7.79	3.2	20.9
Supervisors, cleaning and building service workers	13.77	5.0	39.6	13.83	5.1	40.0	–	–	–
Maids and housemen	8.20	1.7	34.6	8.20	1.8	38.5	8.17	4.7	20.7
Janitors and cleaners	9.81	3.1	32.9	10.44	2.9	39.5	7.65	3.6	20.9
Pest control	12.60	6.4	39.0	12.48	6.1	39.8	–	–	–
Personal service	10.17	3.8	29.3	10.85	5.5	37.0	8.30	5.1	18.7
Supervisors, personal service	14.93	4.8	39.5	15.10	4.6	40.5	8.81	12.5	21.6
Hairdressers and cosmetologists	13.12	7.3	26.1	13.79	8.3	37.7	11.98	11.3	17.1
Attendants, amusement, and recreation facilities	6.93	4.1	32.6	6.99	4.7	39.6	6.69	5.6	19.5
Guides	12.23	12.5	32.5	12.74	13.1	37.7	10.01	12.7	20.3
Ushers	8.33	3.5	23.7	–	–	–	7.68	5.9	19.0
Public transportation attendants	32.87	3.0	18.6	33.18	3.1	19.1	27.60	26.9	13.0
Baggage porters and bellhops	7.21	6.1	36.8	7.07	6.9	39.1	8.74	9.7	22.8
Welfare service aides	8.78	5.3	27.5	10.25	4.1	38.8	7.15	6.1	20.8
Early childhood teachers' assistants	7.63	5.7	30.3	7.84	7.1	37.9	6.93	3.2	18.2
Child care workers, n.e.c.	8.61	3.1	29.8	9.00	3.3	39.8	7.41	2.8	17.0
Service, n.e.c.	10.22	3.3	29.9	10.95	3.7	38.5	8.30	3.5	18.8

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

² 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. Data were collected between December 2001 and

January 2003. The average reference period was July 2002.

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

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 July 2002

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$21.54	0.9	36.7	\$21.94	0.9	38.8	\$14.68	3.0	19.1
All, excluding sales	21.57	.9	36.7	21.96	.9	38.8	14.73	3.0	19.1
White collar	24.32	.9	36.5	24.63	1.0	38.2	18.00	4.1	18.8
White collar, excluding sales	24.37	.9	36.5	24.67	1.0	38.2	18.13	4.1	18.8
Professional specialty and technical	28.77	.9	35.9	29.01	.9	37.8	23.43	5.0	17.2
Professional specialty	30.02	.9	35.8	30.24	.9	37.6	24.70	5.3	16.4
Engineers, architects, and surveyors	28.84	2.0	39.3	28.88	2.0	39.4	—	—	—
Architects	29.79	5.8	39.2	29.79	5.8	39.2	—	—	—
Civil engineers	30.00	3.0	39.3	30.00	3.0	39.3	—	—	—
Electrical and electronic engineers	28.82	2.5	40.1	28.82	2.5	40.1	—	—	—
Industrial engineers	21.67	9.0	40.0	21.67	9.0	40.0	—	—	—
Mechanical engineers	27.18	7.4	34.7	—	—	—	—	—	—
Engineers, n.e.c.	27.93	4.4	39.7	27.93	4.4	39.7	—	—	—
Mathematical and computer scientists	25.38	2.5	39.5	25.35	2.6	39.6	—	—	—
Computer systems analysts and scientists	25.46	2.6	39.5	25.43	2.7	39.6	—	—	—
Natural scientists	22.39	5.8	39.6	22.41	5.9	39.8	—	—	—
Chemists, except biochemists	29.02	2.7	40.0	29.02	2.7	40.0	—	—	—
Geologists and geodesists	26.48	18.0	40.0	26.48	18.0	40.0	—	—	—
Physical scientists, n.e.c.	23.31	7.6	39.7	23.31	7.6	39.7	—	—	—
Agricultural and food scientists	22.89	5.8	40.0	22.89	5.8	40.0	—	—	—
Biological and life scientists	19.73	5.7	39.1	19.79	5.9	39.5	—	—	—
Forestry and conservation scientists	20.25	10.4	39.8	20.25	10.4	39.8	—	—	—
Medical scientists	22.79	4.9	39.6	22.78	5.0	39.8	—	—	—
Health related	26.30	3.4	37.0	25.76	3.0	39.8	30.94	12.5	23.0
Physicians	32.71	15.2	42.8	29.22	12.8	45.7	101.14	32.4	19.2
Registered nurses	24.74	2.6	36.0	24.59	2.4	39.0	25.92	5.4	22.6
Pharmacists	31.72	7.9	39.1	31.67	8.1	39.9	—	—	—
Dietitians	18.94	3.2	36.9	18.81	3.4	39.4	—	—	—
Respiratory therapists	20.97	3.2	37.4	20.87	3.2	38.7	—	—	—
Occupational therapists	26.88	4.0	35.1	27.14	4.5	37.7	—	—	—
Physical therapists	29.58	7.0	35.5	30.20	9.3	38.3	28.42	3.4	31.2
Speech therapists	32.02	6.1	36.8	32.13	6.4	37.3	—	—	—
Therapists, n.e.c.	20.68	6.7	37.6	20.19	6.3	39.2	—	—	—
Teachers, college and university	39.01	3.2	35.4	39.43	3.1	39.4	31.41	4.3	12.7
Earth, environmental, and marine science teachers	42.72	15.3	36.3	42.69	15.9	38.9	—	—	—
Biological science teachers	39.45	11.7	36.9	39.79	11.9	39.6	31.43	31.3	14.3
Chemistry teachers	33.32	4.9	41.6	33.35	4.9	42.1	—	—	—
Natural science teachers, n.e.c.	34.50	15.5	36.5	36.82	13.9	39.5	—	—	—
Psychology teachers	33.66	16.3	38.5	33.70	16.5	40.0	—	—	—
History teachers	41.66	10.3	39.6	41.02	11.7	40.8	—	—	—
Political science teachers	35.86	14.0	38.4	35.82	14.1	39.4	—	—	—
Sociology teachers	30.28	11.2	37.6	30.25	11.2	39.0	—	—	—
Social science teachers, n.e.c.	39.45	11.8	38.5	39.40	12.0	39.7	—	—	—
Engineering teachers	52.69	11.5	39.2	53.04	11.9	42.8	—	—	—
Mathematical science teachers	39.76	8.3	34.6	40.51	8.1	38.4	27.45	18.8	13.2
Computer science teachers	38.56	14.5	32.7	42.74	12.8	37.8	29.16	7.0	25.0
Medical science teachers	45.65	9.1	40.0	45.69	9.1	46.2	—	—	—
Health specialties teachers	38.11	10.5	36.6	38.22	10.6	37.7	30.26	15.0	12.0
Business, commerce, and marketing teachers ..	39.71	15.5	37.6	39.64	15.7	39.3	44.24	9.0	8.9
Agriculture and forestry teachers	39.31	23.8	36.9	39.31	23.8	36.9	—	—	—
Art, drama, and music teachers	33.19	10.8	35.7	33.15	11.1	38.7	34.66	11.8	9.6
Physical education teachers	48.74	19.6	27.6	49.42	21.5	38.0	—	—	—
Education teachers	37.82	8.6	38.2	37.82	8.6	38.7	—	—	—
English teachers	46.83	9.2	34.1	47.45	9.2	37.4	33.41	7.9	11.6
Foreign language teachers	26.81	29.1	36.2	25.85	30.9	42.8	41.04	10.0	11.0
Theology teachers	36.67	6.5	38.4	36.64	6.6	40.8	—	—	—
Trade and industrial teachers	33.63	4.4	34.0	33.75	4.6	37.7	30.91	17.2	10.6
Other post-secondary teachers	37.42	3.4	33.1	37.90	3.6	38.6	31.23	6.6	11.7
Teachers, except college and university	31.20	1.1	34.8	31.57	1.1	36.4	19.77	5.8	14.7
Prekindergarten and kindergarten	28.48	3.0	34.6	28.67	3.2	37.0	25.05	12.2	15.5
Elementary school teachers	31.70	1.3	35.9	31.78	1.3	36.3	24.49	8.3	15.9
Secondary school teachers	31.18	1.8	36.8	31.18	1.8	36.9	30.84	12.2	19.3

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 July 2002—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	\$33.55	3.3	35.3	\$33.61	3.3	35.4	\$23.73	24.6	25.0
Teachers, n.e.c.	31.13	3.3	32.5	31.58	3.3	36.0	25.18	13.8	14.3
Substitute teachers	12.16	4.7	15.1	11.89	9.6	33.5	12.22	5.6	13.5
Vocational and educational counselors	31.47	4.4	36.5	31.70	4.5	37.1	22.90	7.9	23.0
Librarians, archivists, and curators	26.34	4.0	37.1	26.48	4.2	38.0	22.07	3.4	21.5
Librarians	26.79	4.2	37.1	26.95	4.4	38.0	21.98	3.5	21.6
Archivists and curators	19.60	14.2	37.7	19.46	14.9	39.0	—	—	—
Social scientists and urban planners	28.66	7.0	37.1	28.57	7.2	38.2	33.68	16.3	14.6
Psychologists	31.45	6.5	36.9	31.37	6.7	37.6	34.74	16.7	21.0
Social scientists, n.e.c.	19.11	29.2	39.7	19.11	29.2	39.7	—	—	—
Urban planners	25.69	5.5	35.5	25.76	5.5	39.5	—	—	—
Social, recreation, and religious workers	19.23	2.1	38.0	19.30	2.1	39.1	16.30	7.6	18.3
Social workers	19.37	2.2	38.6	19.37	2.2	39.1	19.27	8.0	22.5
Recreation workers	17.06	5.6	30.7	18.13	5.9	39.2	10.90	8.4	13.7
Lawyers and judges	36.76	6.7	36.0	36.91	6.9	38.7	33.52	18.0	13.9
Lawyers	34.69	7.6	35.9	34.70	7.9	38.5	34.52	21.5	13.8
Judges	50.44	7.9	36.3	51.67	7.3	39.6	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	29.28	20.1	35.4	30.19	20.1	39.6	19.38	9.2	16.7
Designers	19.78	9.7	38.3	20.13	9.4	39.6	—	—	—
Painters, sculptors, craft artists, and artist printmakers	20.50	15.2	38.6	20.50	15.2	38.6	—	—	—
Artists, performers, and related workers, n.e.c.	17.90	3.6	29.6	17.75	7.9	37.3	18.04	3.6	24.8
Editors and reporters	19.74	10.4	39.0	19.75	10.5	39.2	—	—	—
Public relations specialists	25.56	8.8	39.3	25.59	8.8	39.5	—	—	—
Athletes	40.72	15.0	33.1	43.73	10.3	40.0	13.67	16.0	12.9
Professional, n.e.c.	26.89	7.4	35.4	26.43	8.1	39.5	—	—	—
Technical	17.40	2.4	37.4	17.40	2.2	39.5	17.38	10.0	22.3
Clinical laboratory technologists and technicians	17.31	10.1	38.3	17.25	10.4	39.6	18.43	4.7	23.3
Health record technologists and technicians	15.62	12.7	35.8	14.39	12.9	39.9	—	—	—
Radiological technicians	21.19	7.2	33.0	19.46	4.7	39.9	29.61	14.4	17.9
Licensed practical nurses	15.03	2.5	36.4	14.84	2.7	39.6	16.87	7.8	20.2
Health technologists and technicians, n.e.c.	15.53	3.2	36.9	15.79	3.4	40.0	12.96	4.1	20.8
Electrical and electronic technicians	18.50	12.7	39.5	18.56	12.8	39.9	—	—	—
Engineering technicians, n.e.c.	19.21	5.7	38.5	18.55	3.9	39.3	—	—	—
Drafters	20.36	4.7	39.1	20.31	5.1	39.8	—	—	—
Surveying and mapping technicians	18.40	7.1	39.1	18.40	7.1	39.1	—	—	—
Biological technicians	14.55	8.3	33.0	15.39	8.1	39.6	—	—	—
Chemical technicians	20.10	5.4	37.7	20.66	4.5	40.0	—	—	—
Science technicians, n.e.c.	17.00	5.2	36.6	17.03	5.3	37.4	—	—	—
Broadcast equipment operators	23.59	10.9	37.9	23.78	10.1	38.9	—	—	—
Computer programmers	22.70	5.1	39.6	22.70	5.1	39.6	—	—	—
Legal assistants	17.12	8.4	39.5	17.40	7.4	39.5	—	—	—
Technical and related, n.e.c.	18.45	5.8	37.4	18.85	5.9	39.3	12.81	3.3	22.6
Executive, administrative, and managerial									
Executives, administrators, and managers	33.97	2.5	38.6	34.05	2.5	39.4	23.93	13.6	10.6
Legislators	14.68	19.2	14.3	14.47	27.7	37.9	14.95	27.5	7.9
Chief executives and general administrators, public administration	42.21	5.3	39.0	42.79	5.0	39.7	—	—	—
Administrators and officials, public administration	30.04	2.9	39.5	30.03	2.9	39.6	33.97	22.1	12.5
Financial managers	41.34	17.5	38.9	41.34	17.5	38.9	—	—	—
Personnel and labor relations managers	38.40	5.9	39.4	38.40	5.9	39.4	—	—	—
Purchasing managers	31.74	21.7	39.9	31.74	21.7	39.9	—	—	—
Managers, marketing, advertising, and public relations	32.91	17.8	40.8	32.91	17.8	40.8	—	—	—

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Executives, administrators, and managers									
—Continued									
Administrators, education and related fields	\$38.93	4.3	39.0	\$38.91	4.4	39.2	\$42.89	14.5	19.2
Managers, medicine and health	34.44	14.9	39.0	34.44	14.9	39.0	—	—	—
Managers, food servicing and lodging establishments	20.20	10.0	39.0	20.09	10.2	39.2	—	—	—
Managers, properties and real estate	24.96	9.1	39.2	24.96	9.1	39.2	—	—	—
Managers, service organizations, n.e.c.	25.74	5.9	39.1	25.83	5.8	39.2	—	—	—
Managers and administrators, n.e.c.	31.27	7.7	39.8	31.29	7.7	39.9	—	—	—
Management related	22.12	2.0	38.7	22.15	2.1	39.1	18.80	11.5	18.4
Accountants and auditors	21.28	3.3	38.8	21.28	3.3	39.2	—	—	—
Other financial officers	25.59	7.5	38.2	25.62	7.5	38.3	—	—	—
Management analysts	22.49	8.5	38.8	22.41	8.7	39.7	—	—	—
Personnel, training, and labor relations specialists	22.44	4.3	38.7	22.48	4.3	39.0	—	—	—
Purchasing agents and buyers, n.e.c.	17.35	9.7	39.8	17.35	9.7	39.8	—	—	—
Construction inspectors	23.33	3.8	39.1	23.31	3.9	39.6	—	—	—
Inspectors and compliance officers, except construction	20.45	2.2	38.3	20.49	2.2	38.8	—	—	—
Management related, n.e.c.	23.51	3.0	38.6	23.63	3.1	39.0	14.50	20.3	21.4
Sales									
Supervisors, sales	12.93	5.6	33.6	13.55	6.2	38.0	9.46	6.9	20.4
Sales workers, other commodities	17.15	9.1	39.5	17.18	9.3	39.9	—	—	—
Cashiers	9.15	10.7	29.9	—	—	—	—	—	—
	11.59	4.6	32.9	12.07	5.2	37.5	9.57	7.3	21.5
Administrative support, including clerical									
Supervisors, general office	13.79	1.3	36.6	13.92	1.3	38.6	12.01	2.4	21.7
Supervisors, financial records processing	18.09	2.9	39.4	18.09	2.9	39.4	—	—	—
Chief communications operators	20.08	5.6	37.7	20.08	5.6	37.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.13	7.7	40.0	20.13	7.7	40.0	—	—	—
Computer operators	19.50	10.5	39.6	19.50	10.5	39.6	—	—	—
Secretaries	15.32	8.3	39.0	15.33	8.3	39.1	—	—	—
Stenographers	14.55	2.9	38.2	14.62	3.0	38.9	11.24	3.7	21.5
Typists	19.13	9.1	36.4	19.09	9.4	37.5	—	—	—
Interviewers	14.02	1.6	36.3	14.07	1.7	37.8	12.65	3.4	18.5
Receptionists	11.79	8.6	38.2	11.70	9.1	39.8	—	—	—
Information clerks, n.e.c.	10.75	4.4	34.5	10.89	5.1	39.5	9.59	6.8	17.4
Order clerks	15.26	5.0	36.4	15.29	5.4	39.0	14.93	12.1	21.2
Personnel clerks, except payroll and timekeeping	15.21	10.9	39.8	15.23	11.0	40.0	—	—	—
Library clerks	13.76	9.2	39.1	13.76	9.2	39.1	—	—	—
File clerks	11.64	3.3	29.9	12.22	4.3	38.3	10.18	3.9	19.2
Records clerks, n.e.c.	10.48	6.3	36.8	10.46	6.9	39.2	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.25	3.8	37.9	13.42	4.0	39.2	11.07	9.6	26.7
Payroll and timekeeping clerks	14.41	2.3	38.6	14.44	2.3	39.1	12.86	5.5	23.0
Billing clerks	16.84	4.5	39.0	16.84	4.5	39.0	—	—	—
Duplicating machine operators	12.90	8.1	36.5	13.05	8.3	40.0	—	—	—
Telephone operators	10.89	13.7	39.9	10.89	13.7	39.9	—	—	—
Communications equipment operators, n.e.c.	12.26	5.7	36.1	12.39	6.3	39.4	—	—	—
Mail clerks, except postal service	13.70	8.1	32.9	—	—	—	—	—	—
Messengers	9.78	13.3	39.3	9.78	13.4	39.6	—	—	—
Dispatchers	13.45	17.6	35.1	13.69	17.1	37.2	—	—	—
Production coordinators	15.81	6.9	38.7	15.92	7.2	39.9	12.92	17.6	20.9
Traffic, shipping and receiving clerks	21.24	18.0	39.6	21.24	18.0	39.6	—	—	—
Stock and inventory clerks	14.46	7.7	38.6	14.46	7.7	38.6	—	—	—
Meter readers	13.18	4.4	38.7	13.13	4.6	39.1	14.27	2.9	31.8
Material recording, scheduling, and distribution clerks, n.e.c.	15.76	6.6	39.6	15.80	6.7	40.0	—	—	—
	16.45	8.2	40.0	16.45	8.2	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 July 2002—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	\$15.42	7.0	40.0	\$15.42	7.0	40.0	—	—	—
Investigators and adjusters, except insurance ...	17.68	4.8	40.0	17.76	4.9	40.0	—	—	—
Eligibility clerks, social welfare	16.04	3.1	38.6	16.08	3.1	38.7	—	—	—
Bill and account collectors	15.64	4.0	39.6	15.64	4.0	39.6	—	—	—
General office clerks	13.04	1.4	37.4	13.23	1.7	39.1	\$9.92	10.4	21.4
Data entry keyers	12.40	3.0	39.2	12.42	3.0	39.4	—	—	—
Statistical clerks	11.42	11.8	39.9	11.42	11.8	39.9	—	—	—
Teachers' aides	11.06	1.4	31.5	10.44	1.7	35.7	13.10	2.5	22.8
Administrative support, n.e.c.	14.30	2.7	37.1	14.41	2.7	38.8	12.58	8.0	21.6
Blue collar	16.59	1.2	37.6	16.83	1.3	39.4	12.43	2.5	21.0
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.11	4.4	39.8	23.11	4.4	39.8	—	—	—
Automobile mechanics	19.70	9.6	39.8	19.70	9.6	39.8	—	—	—
Bus, truck, and stationary engine mechanics	18.26	3.6	39.9	18.26	3.6	39.9	—	—	—
Heavy equipment mechanics	18.78	5.8	40.0	18.78	5.8	40.0	—	—	—
Industrial machinery repairers	21.69	8.3	39.9	21.69	8.3	39.9	—	—	—
Machinery maintenance	15.18	10.9	38.7	15.18	10.9	38.7	—	—	—
Electronic repairers, communications and industrial equipment	20.30	8.0	39.9	20.30	8.0	39.9	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.98	5.4	39.9	16.98	5.4	39.9	—	—	—
Mechanical controls and valve repairers	20.52	5.4	37.8	21.19	5.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.00	3.1	39.7	16.02	3.1	39.8	—	—	—
Supervisors, electricians and power transmission installers	23.74	10.1	40.0	23.74	10.1	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	26.93	12.2	40.0	26.93	12.2	40.0	—	—	—
Supervisors, construction trades, n.e.c.	20.98	6.6	39.9	20.98	6.6	39.9	—	—	—
Carpenters	19.30	6.6	39.4	19.31	6.6	39.5	—	—	—
Electricians	20.51	6.2	39.9	20.51	6.2	39.9	—	—	—
Electrical power installers and repairers	23.68	5.8	40.0	23.68	5.8	40.0	—	—	—
Painters, construction and maintenance	18.21	7.9	39.6	18.21	7.9	39.6	—	—	—
Plumbers, pipefitters and steamfitters	18.80	8.0	39.5	18.80	8.0	39.5	—	—	—
Paving, surfacing, and tamping equipment operators	13.67	2.6	40.0	13.67	2.6	40.0	—	—	—
Construction trades, n.e.c.	15.15	3.6	39.8	15.15	3.6	39.8	—	—	—
Supervisors, production	20.78	14.0	40.0	20.78	14.0	40.0	—	—	—
Inspectors, testers, and graders	21.39	7.3	39.6	21.41	7.3	39.7	—	—	—
Water and sewer treatment plant operators	17.95	2.8	39.9	17.96	2.8	40.0	—	—	—
Power plant operators	24.86	8.5	39.7	24.86	8.5	39.7	—	—	—
Stationary engineers	22.22	9.1	39.6	22.22	9.1	39.6	—	—	—
Miscellaneous plant and system operators, n.e.c.	16.42	6.2	40.0	16.42	6.2	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Printing press operators	14.20	6.5	36.0	14.18	7.5	40.0	—	—	—
Laundering and dry cleaning machine operators	10.30	8.8	38.6	10.25	9.1	39.7	—	—	—
Furnace, kiln, and oven operators, except food	17.34	2.7	39.2	17.34	2.7	39.2	—	—	—
Miscellaneous machine operators, n.e.c.	18.58	16.3	39.3	18.58	16.3	39.3	—	—	—
Welders and cutters	20.66	8.4	40.0	20.66	8.4	40.0	—	—	—
Transportation and material moving									
Supervisors, motor vehicle operators	17.90	14.5	39.8	17.90	14.5	39.8	13.17	2.8	20.5
Truck drivers	15.94	7.1	39.4	16.05	7.1	39.9	10.31	10.0	23.2
Bus drivers	15.38	1.9	28.9	16.37	2.1	36.0	13.29	2.8	20.4
Taxicab drivers and chauffeurs	8.35	12.0	36.6	8.25	14.9	39.1	—	—	—
Motor transportation, n.e.c.	16.31	5.9	39.1	16.31	5.9	39.1	—	—	—

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 July 2002—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									
Locomotive operating	\$22.82	3.9	39.9	\$22.84	3.9	40.0	—	—	—
Bridge, lock and lighthouse tenders	13.28	3.0	40.0	13.28	3.0	40.0	—	—	—
Supervisors, material moving equipment	18.69	8.2	39.1	18.69	8.2	39.1	—	—	—
Operating engineers	14.92	8.8	40.0	14.92	8.8	40.0	—	—	—
Excavating and loading machine operators	15.43	11.0	39.8	15.43	11.0	39.8	—	—	—
Grader, dozer, and scrapper operators	13.21	4.2	39.9	13.21	4.2	39.9	—	—	—
Industrial truck and tractor equipment operators	12.41	3.7	40.0	12.41	3.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	15.60	5.3	39.0	15.65	5.3	39.5	—	—	—
Handlers, equipment cleaners, helpers, and laborers	13.76	2.4	38.7	13.96	2.5	39.8	\$9.17	4.4	23.9
Supervisors, agriculture-related workers	19.45	6.5	39.8	19.50	6.5	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	13.03	4.6	38.5	13.28	4.7	39.8	10.03	5.6	27.4
Animal caretakers, except farm	15.20	15.3	38.5	15.30	15.3	38.7	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.30	5.9	40.0	18.30	5.9	40.0	—	—	—
Helpers, mechanics and repairers	14.86	7.1	38.5	14.94	7.2	39.1	—	—	—
Helpers, construction trades	13.45	6.4	40.0	13.45	6.4	40.0	—	—	—
Construction laborers	12.60	5.0	39.0	12.74	5.2	39.7	9.10	5.3	26.5
Production helpers	11.83	12.8	22.8	12.42	21.1	40.0	—	—	—
Garbage collectors	16.40	12.4	39.7	16.46	12.3	39.9	—	—	—
Stock handlers and baggers	12.79	8.9	36.8	13.69	7.9	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	12.59	11.6	40.0	12.59	11.6	40.0	—	—	—
Garage and service station related	12.59	6.1	40.0	12.59	6.1	40.0	—	—	—
Vehicle washers and equipment cleaners	13.55	6.9	36.7	13.98	6.4	39.6	—	—	—
Laborers, except construction, n.e.c.	12.96	3.8	38.5	13.19	3.9	40.0	8.32	7.3	22.1
Service	16.19	1.3	36.9	16.72	1.4	40.1	9.97	1.8	19.1
Protective service	20.17	2.0	39.8	20.40	2.1	41.2	11.09	3.4	16.5
Supervisors, firefighters and fire prevention	24.50	4.7	49.0	24.50	4.7	49.0	—	—	—
Supervisors, police and detectives	28.83	2.9	40.2	28.83	2.9	40.2	—	—	—
Supervisors, guards	23.87	9.1	38.2	24.76	8.8	39.7	—	—	—
Fire inspection and fire prevention	20.37	9.4	38.9	20.40	9.5	42.1	—	—	—
Firefighting	18.05	2.5	44.4	18.25	2.1	48.0	8.01	9.8	9.3
Police and detectives, public service	22.66	1.0	39.5	22.73	1.0	39.9	13.19	7.7	15.1
Sheriffs, bailiffs, and other law enforcement officers	18.66	1.9	38.2	18.71	2.0	39.8	17.06	13.3	16.2
Correctional institution officers	16.53	5.2	39.7	16.55	5.2	39.9	—	—	—
Crossing guards	9.60	4.9	17.9	—	—	—	9.26	3.7	17.7
Guards and police, except public service	13.67	3.7	35.1	13.84	4.1	38.5	11.73	7.0	17.8
Protective service, n.e.c.	14.59	6.9	32.9	15.78	6.9	39.3	10.84	7.2	21.9
Food service	10.31	1.9	30.0	10.70	2.3	36.5	9.32	2.0	20.6
Waiters, waitresses, and bartenders	12.65	12.0	24.7	—	—	—	7.71	14.1	13.7
Waiters'/Waitresses' assistants	11.50	13.6	21.3	—	—	—	—	—	—
Other food service	10.29	1.9	30.1	10.66	2.3	36.5	9.34	2.0	20.7
Supervisors, food preparation and service	13.17	6.0	37.4	13.19	6.3	38.1	—	—	—
Cooks	10.47	2.8	33.1	10.59	3.1	35.5	9.81	4.6	24.1
Kitchen workers, food preparation	8.94	2.8	29.4	9.09	2.8	37.4	8.62	5.8	20.3
Food preparation, n.e.c.	9.82	2.5	27.0	10.12	3.4	36.0	9.39	2.9	19.8
Health service	12.52	2.3	36.7	12.62	2.4	39.3	11.35	6.0	20.5
Dental assistants	13.44	16.6	36.3	11.82	12.1	40.0	—	—	—
Health aides, except nursing	13.26	4.0	36.7	13.37	4.3	39.3	11.85	5.5	19.7
Nursing aides, orderlies and attendants	12.20	2.3	36.7	12.32	2.5	39.3	10.85	6.6	21.0
Cleaning and building service	12.26	2.7	38.3	12.35	2.7	39.7	9.85	4.6	20.4
Supervisors, cleaning and building service workers	17.64	9.3	39.8	17.64	9.3	39.8	—	—	—
Maids and housemen	8.53	7.7	36.4	8.10	5.5	40.0	13.60	12.2	17.6
Janitors and cleaners	11.91	1.8	38.3	12.00	1.9	39.7	9.62	4.5	20.6
Personal service	11.06	4.1	28.5	11.70	5.6	37.5	9.64	2.3	18.5

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 July 2002–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									
Supervisors, personal service	\$17.43	8.9	37.8	\$17.72	9.2	39.0	–	–	–
Attendants, amusement, and recreation facilities	8.91	4.9	24.2	9.53	9.8	40.0	\$8.49	3.8	19.2
Guides	7.85	2.2	18.1	–	–	–	–	–	–
Public transportation attendants	14.59	15.1	31.7	15.40	15.7	36.6	10.67	14.5	19.2
Welfare service aides	11.31	7.7	36.4	11.44	8.3	39.2	9.71	7.7	19.1
Early childhood teachers' assistants	10.21	3.5	30.8	10.25	4.0	37.0	10.08	6.6	20.2
Child care workers, n.e.c.	11.39	13.4	25.5	12.25	25.0	36.2	10.19	3.5	18.1
Service, n.e.c.	11.69	4.8	27.7	12.74	4.4	38.2	8.95	5.3	16.1

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 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. Data were collected between December 2001 and

January 2003. The average reference period was July 2002.

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

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 July 2002

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	\$17.18	0.8	35.8	\$16.40	0.9	35.6	\$21.54	0.9	36.7
All, excluding sales	17.45	.9	36.1	16.63	.9	36.0	21.57	.9	36.7
White collar	21.09	.9	36.1	20.34	1.1	36.0	24.32	.9	36.5
1	7.54	1.0	25.9	7.48	1.0	25.8	8.92	6.4	28.4
2	9.11	1.0	30.9	9.00	1.1	30.8	10.17	1.6	32.1
3	10.45	.8	33.3	10.32	.9	33.1	11.54	1.3	35.8
4	13.00	.7	36.9	12.98	.7	36.9	13.11	1.2	37.0
5	15.71	1.3	37.8	15.79	1.5	38.2	15.31	1.3	35.7
6	17.61	1.1	37.9	17.60	1.4	38.1	17.66	2.2	37.0
7	21.43	1.1	38.0	20.93	1.3	38.4	22.85	2.0	37.1
8	24.06	2.7	37.6	22.93	3.5	37.9	26.71	1.9	36.9
9	29.00	.9	37.2	27.95	1.3	37.8	30.82	1.1	36.1
10	32.11	1.6	39.0	32.83	1.6	39.3	29.70	3.2	38.1
11	37.47	1.7	39.3	38.57	1.8	39.7	33.81	1.9	37.9
12	45.17	1.8	39.5	46.11	1.7	39.9	41.25	3.9	38.0
13	53.49	3.4	39.5	56.52	2.4	39.6	45.88	4.7	39.2
14	67.01	3.8	40.4	69.43	4.0	40.7	54.36	3.5	38.7
15	68.80	6.1	40.1	73.63	7.9	40.7	60.11	5.4	39.2
Not able to be leveled	24.93	4.5	36.4	24.63	4.9	36.4	30.50	7.7	34.9
White collar, excluding sales	22.50	.8	36.9	21.94	1.1	37.1	24.37	.9	36.5
1	8.58	2.3	27.2	8.51	2.0	27.0	8.99	6.6	28.8
2	9.86	1.1	33.6	9.81	1.2	33.8	10.18	1.6	32.2
3	11.13	.7	35.6	11.05	.8	35.6	11.55	1.3	35.9
4	13.11	.8	36.9	13.11	1.0	36.9	13.10	1.2	37.0
5	15.43	1.0	37.2	15.46	1.3	37.6	15.30	1.3	35.6
6	17.39	1.0	37.5	17.31	1.2	37.7	17.66	2.2	37.0
7	21.01	.9	37.7	20.26	.9	37.9	22.86	2.0	37.1
8	24.08	2.9	37.2	22.72	3.9	37.3	26.71	1.9	36.9
9	28.66	.9	37.0	27.35	1.2	37.7	30.82	1.1	36.1
10	31.39	1.4	38.8	31.95	1.5	39.0	29.70	3.2	38.1
11	37.02	1.6	39.1	38.05	1.7	39.5	33.84	1.9	37.9
12	44.96	1.6	39.5	45.89	1.5	39.9	41.25	3.9	38.0
13	53.49	3.4	39.5	56.52	2.4	39.6	45.88	4.7	39.2
14	66.89	3.8	40.4	69.30	4.0	40.8	54.36	3.5	38.7
15	68.80	6.1	40.1	73.63	7.9	40.7	60.11	5.4	39.2
Not able to be leveled	26.29	4.8	36.6	26.03	5.3	36.7	30.50	7.7	34.9
Professional specialty and technical	27.18	1.3	36.1	26.44	1.8	36.2	28.77	.9	35.9
Professional specialty	29.34	1.5	36.2	28.94	2.3	36.5	30.02	.9	35.8
2	7.26	7.6	23.3	7.31	7.8	27.5	6.78	10.7	9.8
3	9.90	4.8	26.8	9.89	4.9	32.0	9.91	17.3	13.6
4	9.86	4.3	27.6	9.79	5.1	29.3	10.21	5.9	22.0
5	14.31	2.2	33.6	14.28	2.7	36.1	14.37	3.8	29.2
6	18.54	2.7	35.6	17.16	3.2	36.2	21.57	4.0	34.3
7	22.78	1.5	35.9	21.15	1.5	35.6	24.92	2.5	36.2
8	25.36	4.8	35.9	22.92	7.2	35.4	28.32	2.2	36.4
9	29.65	1.1	35.8	27.34	1.7	36.1	31.91	1.1	35.5
10	30.87	1.3	38.1	31.43	1.4	38.2	29.37	2.9	37.7
11	35.41	1.3	38.8	36.19	1.4	39.5	32.98	2.1	36.7
12	42.97	2.3	38.4	43.81	1.9	38.9	39.91	6.2	36.7
13	50.61	5.2	38.9	53.56	2.4	38.9	44.95	9.4	38.9
14	64.80	5.8	38.8	66.25	7.1	39.4	59.96	3.9	37.0
15	64.65	5.2	39.8	-	-	-	60.11	5.4	39.2
Not able to be leveled	32.23	5.3	35.2	31.80	6.2	34.9	36.09	9.4	37.2
Engineers, architects, and surveyors	32.73	1.5	40.4	33.09	1.5	40.5	28.84	2.0	39.3
5	19.81	3.5	40.4	19.88	4.0	40.5	-	-	-
6	22.13	4.0	39.9	21.84	4.2	40.0	-	-	-
7	24.91	4.5	40.6	24.88	4.8	40.7	25.52	5.6	39.7
8	26.88	2.0	40.4	27.15	2.3	40.7	24.55	5.5	38.4
9	28.80	1.8	40.5	29.06	2.0	40.6	26.83	2.3	39.6
10	32.91	1.9	40.5	33.24	1.9	40.6	29.68	5.2	39.8
11	35.97	3.0	40.5	36.48	2.3	40.7	32.22	7.1	39.3
12	41.84	1.9	40.3	42.07	1.8	40.3	35.84	6.5	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 July 2002—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	\$48.10	2.0	40.2	\$48.12	2.0	40.2	—	—	—
14	52.07	3.4	40.2	52.24	3.4	40.0	—	—	—
15	55.13	4.0	37.5	55.13	4.0	37.5	—	—	—
Not able to be leveled	34.20	8.5	40.0	34.32	8.6	40.2	—	—	—
Architects	26.64	7.6	40.2	26.14	8.8	40.4	\$29.79	5.8	39.2
5	16.07	2.7	40.0	16.07	2.7	40.0	—	—	—
7	22.74	3.5	40.3	22.74	3.5	40.3	—	—	—
9	26.16	10.0	40.1	—	—	—	28.32	5.0	39.1
Aerospace engineers	36.85	6.3	39.7	36.85	6.3	39.7	—	—	—
9	31.13	1.9	40.1	31.13	1.9	40.1	—	—	—
11	39.37	3.6	39.1	39.37	3.6	39.1	—	—	—
12	45.83	3.1	40.1	45.83	3.1	40.1	—	—	—
13	48.18	2.6	40.0	48.18	2.6	40.0	—	—	—
Not able to be leveled	39.09	13.5	40.0	39.09	13.5	40.0	—	—	—
Metallurgical and materials engineers	29.41	6.7	40.6	30.09	8.4	40.9	—	—	—
Petroleum engineers	38.30	6.2	40.0	38.30	6.2	40.0	—	—	—
12	51.03	2.0	40.0	51.03	2.0	40.0	—	—	—
Chemical engineers	37.59	3.0	40.3	37.60	3.0	40.3	—	—	—
9	32.32	4.7	40.0	32.20	4.9	40.0	—	—	—
11	34.48	3.7	40.0	34.48	3.7	40.0	—	—	—
12	41.72	6.2	40.0	41.72	6.2	40.0	—	—	—
Nuclear engineers	36.16	3.2	40.0	36.83	2.8	40.0	—	—	—
11	36.34	1.2	40.0	36.34	1.2	40.0	—	—	—
12	46.80	9.4	40.0	46.80	9.4	40.0	—	—	—
Not able to be leveled	36.66	1.2	40.0	36.66	1.2	40.0	—	—	—
Civil engineers	29.45	3.0	40.3	29.20	4.1	40.8	30.00	3.0	39.3
6	23.20	7.9	39.6	22.63	8.9	40.0	—	—	—
7	23.24	5.3	40.3	22.55	6.8	40.7	24.87	3.9	39.5
8	23.82	6.0	40.6	23.65	7.7	40.9	24.47	9.0	39.7
9	28.32	3.5	40.5	29.25	3.9	41.1	26.60	3.6	39.5
10	31.69	3.3	41.4	30.14	2.8	42.4	34.18	5.2	39.8
11	32.61	4.5	40.1	30.54	4.9	40.9	35.77	5.3	38.9
12	39.94	9.4	40.1	41.70	9.6	40.6	35.51	9.2	39.0
13	47.34	1.5	40.2	47.59	1.8	40.5	—	—	—
Not able to be leveled	32.63	13.1	39.0	34.47	14.1	38.6	—	—	—
Electrical and electronic engineers	34.97	2.7	40.9	35.28	2.3	40.9	28.82	2.5	40.1
5	23.37	2.4	39.5	23.37	2.4	39.5	—	—	—
6	22.19	5.9	40.0	22.19	5.9	40.0	—	—	—
7	25.82	8.2	42.2	25.58	8.4	42.2	—	—	—
8	30.31	2.8	41.4	30.35	2.9	41.4	—	—	—
9	30.40	3.0	40.3	30.37	3.1	40.2	—	—	—
10	34.10	3.1	40.3	34.17	3.1	40.3	—	—	—
11	36.59	7.1	41.6	37.94	4.7	41.9	—	—	—
12	42.77	1.5	40.7	42.80	1.6	40.7	—	—	—
13	51.84	4.7	40.3	51.84	4.7	40.3	—	—	—
14	52.75	2.3	40.0	52.75	2.3	40.0	—	—	—
Not able to be leveled	38.60	14.1	40.3	38.60	14.1	40.3	—	—	—
Industrial engineers	29.23	1.8	40.7	29.33	1.8	40.7	21.67	9.0	40.0
7	22.91	5.3	40.0	22.91	5.3	40.0	—	—	—
8	26.38	3.6	39.2	26.38	3.6	39.2	—	—	—
9	27.27	2.1	41.2	27.45	2.0	41.2	—	—	—
10	30.77	4.1	41.7	30.95	4.2	41.8	—	—	—
11	34.26	2.6	41.0	34.29	2.6	41.0	—	—	—
12	37.85	3.0	40.8	37.85	3.0	40.8	—	—	—
13	43.41	5.3	40.0	43.41	5.3	40.0	—	—	—
Not able to be leveled	28.87	6.6	39.7	28.87	6.6	39.7	—	—	—
Mechanical engineers	29.76	3.2	40.3	29.85	3.3	40.6	27.18	7.4	34.7
6	20.89	7.2	40.0	20.89	7.2	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 July 2002–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									
7	\$21.71	7.8	39.5	\$21.71	7.8	39.5	–	–	–
8	24.84	3.5	40.5	24.74	4.2	41.8	–	–	–
9	27.16	2.5	40.2	27.23	2.6	40.2	–	–	–
10	30.98	4.6	40.6	30.77	4.8	40.7	–	–	–
11	33.63	3.0	40.4	33.63	3.0	40.4	–	–	–
12	38.06	2.4	40.9	38.02	2.5	40.9	–	–	–
13	47.00	4.7	40.0	47.00	4.7	40.0	–	–	–
Not able to be leveled	33.24	5.6	40.7	33.67	5.6	41.8	–	–	–
Engineers, n.e.c.	34.60	3.1	40.1	35.13	3.3	40.1	\$27.93	4.4	39.7
5	20.58	5.3	40.4	–	–	–	–	–	–
6	22.87	10.7	40.2	22.87	10.7	40.2	–	–	–
7	29.18	8.9	40.7	29.53	9.0	40.8	–	–	–
8	29.15	4.5	40.3	29.22	4.6	40.5	–	–	–
9	29.11	1.9	40.4	29.61	2.0	40.5	26.51	5.9	39.8
10	34.28	2.5	40.2	34.77	2.4	40.2	–	–	–
11	37.86	1.8	39.5	38.32	1.9	39.5	33.73	5.3	38.8
12	42.49	3.0	39.7	42.61	3.0	39.7	–	–	–
13	46.79	3.4	40.3	46.77	3.4	40.3	–	–	–
14	52.83	5.1	40.4	53.16	5.0	40.0	–	–	–
Not able to be leveled	31.89	20.3	39.9	31.89	20.3	39.9	–	–	–
Surveyors and mapping scientists	30.16	7.6	41.0	30.34	7.7	41.1	–	–	–
Mathematical and computer scientists	32.62	2.8	39.7	33.17	2.8	39.7	25.38	2.5	39.5
5	16.66	9.0	39.7	16.73	9.3	39.8	–	–	–
6	19.36	4.0	39.3	20.29	4.5	39.1	16.58	3.4	39.9
7	23.26	2.7	37.5	23.62	3.2	37.0	21.48	1.5	39.9
8	25.23	2.4	39.8	25.23	2.4	40.1	25.18	8.1	37.9
9	29.62	1.5	40.0	29.97	1.6	40.0	26.94	3.9	39.6
10	32.24	1.8	39.9	32.52	2.0	39.9	28.69	9.7	40.1
11	37.25	1.5	40.3	37.49	1.4	40.3	29.61	6.1	39.7
12	41.59	1.6	39.9	41.68	1.6	39.9	38.93	4.1	39.6
13	51.01	4.1	40.3	51.00	4.2	40.3	–	–	–
14	67.20	15.9	40.0	67.20	15.9	40.0	–	–	–
Not able to be leveled	35.67	8.1	39.8	35.67	8.1	39.8	–	–	–
Computer systems analysts and scientists	32.86	2.8	39.7	33.48	2.8	39.7	25.46	2.6	39.5
5	16.65	9.8	39.7	16.72	10.1	39.8	–	–	–
6	19.39	4.2	39.3	20.38	4.7	39.0	16.58	3.4	39.9
7	23.34	2.9	37.3	23.75	3.4	36.8	21.36	1.0	39.9
8	25.50	2.7	39.8	25.53	2.8	40.1	25.27	8.2	37.9
9	29.82	1.7	40.0	30.18	1.7	40.1	27.16	3.9	39.7
10	33.06	1.4	39.9	33.55	1.4	39.8	28.69	9.7	40.1
11	37.28	1.3	40.4	37.54	1.3	40.4	29.61	6.1	39.7
12	41.48	1.7	39.9	41.58	1.7	39.9	38.93	4.1	39.6
13	51.49	4.1	40.3	51.48	4.1	40.3	–	–	–
14	67.28	16.4	40.0	67.28	16.4	40.0	–	–	–
Not able to be leveled	36.15	7.6	39.8	36.15	7.6	39.8	–	–	–
Operations and systems researchers and analysts	30.98	5.4	39.8	31.05	5.4	39.8	–	–	–
7	21.34	5.9	40.0	21.34	5.9	40.0	–	–	–
8	23.50	9.7	39.8	23.54	9.7	39.8	–	–	–
9	27.24	3.5	38.9	27.60	4.2	38.9	–	–	–
11	36.22	5.5	39.4	36.22	5.5	39.4	–	–	–
12	42.33	7.9	40.8	42.33	7.9	40.8	–	–	–
Not able to be leveled	32.18	19.7	39.8	32.18	19.7	39.8	–	–	–
Actuaries	33.13	7.6	40.4	33.13	7.6	40.4	–	–	–
Statisticians	25.64	7.1	40.1	25.91	8.3	40.2	–	–	–
9	26.07	8.7	40.0	–	–	–	–	–	–
Natural scientists	28.42	4.4	39.8	31.10	3.5	40.0	22.39	5.8	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 July 2002—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									
5	\$16.14	3.4	39.9	\$16.49	6.3	40.1	\$15.86	4.7	39.7
6	18.85	7.7	40.1	19.03	8.1	40.1	—	—	—
7	21.33	2.5	39.7	21.96	3.9	39.7	20.65	4.1	39.6
8	22.17	6.0	39.0	26.64	5.6	38.6	19.10	4.8	39.3
9	25.92	4.2	40.4	26.50	4.5	40.8	24.78	6.7	39.7
10	28.58	2.9	40.2	30.88	3.8	40.3	24.07	7.5	40.1
11	31.78	3.1	39.7	32.31	3.6	39.8	29.81	6.7	39.4
12	39.45	6.4	40.3	42.34	4.7	40.8	26.26	14.5	38.4
13	43.01	8.8	41.2	44.40	9.2	40.9	—	—	—
14	52.96	18.3	39.6	52.96	18.3	39.6	—	—	—
Not able to be leveled	29.30	7.5	38.5	30.06	7.5	38.4	—	—	—
Physicists and astronomers	32.17	11.5	40.0	—	—	—	—	—	—
Chemists, except biochemists	30.68	4.0	39.4	30.88	4.4	39.3	29.02	2.7	40.0
5	14.47	8.8	39.7	14.47	8.8	39.7	—	—	—
7	22.81	4.6	40.1	22.93	4.5	40.1	—	—	—
8	27.34	12.2	40.0	27.44	12.2	40.0	—	—	—
9	26.97	3.3	39.6	25.59	3.7	39.4	29.50	4	40.0
10	32.10	4.6	39.3	33.12	2.3	39.2	—	—	—
11	37.36	6.9	39.6	37.41	7.1	39.6	—	—	—
12	42.82	4.0	39.9	42.82	4.0	39.9	—	—	—
Not able to be leveled	28.08	16.2	38.0	28.08	16.2	38.0	—	—	—
Atmospheric and space scientists	24.06	19.2	40.9	23.70	20.1	40.4	—	—	—
Geologists and geodesists	31.52	10.4	40.3	32.99	12.5	40.4	26.48	18.0	40.0
7	28.82	13.1	40.0	31.02	13.4	40.0	—	—	—
9	29.89	4.1	40.0	—	—	—	—	—	—
11	33.33	11.4	40.0	36.93	10.0	40.0	—	—	—
Physical scientists, n.e.c.	29.93	6.5	40.5	32.36	6.2	40.8	23.31	7.6	39.7
7	20.07	8.1	38.8	22.47	3.4	37.7	—	—	—
8	22.35	10.7	39.9	—	—	—	—	—	—
9	22.69	8.3	40.8	—	—	—	21.83	9.7	39.9
10	28.31	5.1	40.8	30.34	3.9	41.1	—	—	—
11	31.36	4.6	39.8	31.44	5.1	40.0	—	—	—
12	43.71	9.7	43.2	43.74	9.8	43.3	—	—	—
Agricultural and food scientists	23.58	5.7	40.0	24.76	14.2	40.0	22.89	5.8	40.0
Biological and life scientists	28.07	15.4	39.0	33.88	10.0	39.0	19.73	5.7	39.1
5	16.70	1.1	39.7	—	—	—	—	—	—
7	20.96	4.3	39.6	20.66	5.0	40.4	—	—	—
8	21.16	4.9	38.0	27.86	6.3	32.6	19.73	2.1	39.4
9	26.42	5.8	38.8	26.95	7.8	39.3	25.18	9.3	37.7
10	35.86	8.6	39.2	35.86	8.6	39.2	—	—	—
11	29.21	11.8	38.9	30.69	11.5	38.7	—	—	—
12	42.03	18.4	38.6	—	—	—	—	—	—
13	33.15	21.2	40.5	35.57	22.5	39.9	—	—	—
Not able to be leveled	33.48	10.2	38.8	33.48	10.2	38.8	—	—	—
Forestry and conservation scientists	20.59	8.7	40.3	—	—	—	20.25	10.4	39.8
8	18.08	9.1	40.7	—	—	—	—	—	—
Medical scientists	25.44	4.6	39.9	27.09	5.7	40.1	22.79	4.9	39.6
5	13.79	7.8	40.5	15.43	6.8	41.1	—	—	—
7	20.99	3.0	39.7	19.90	5.7	39.0	—	—	—
9	24.67	9.0	42.7	24.67	10.1	43.2	24.65	12.7	40.0
10	19.22	7.0	39.1	21.56	9.5	38.2	—	—	—
11	29.76	3.4	40.0	27.14	8.5	40.0	—	—	—
12	29.55	14.1	38.4	35.60	9.2	38.1	—	—	—
Not able to be leveled	29.25	12.2	39.0	29.25	12.2	39.0	—	—	—
Health related	28.15	2.8	34.4	28.53	3.3	33.9	26.30	3.4	37.0
5	16.40	4.0	33.6	16.51	4.8	33.7	15.59	5.6	33.0
6	19.17	7.2	36.4	18.93	8.2	36.2	20.70	4.4	37.9
7	21.90	1.5	33.7	22.04	1.8	33.1	21.34	2.3	36.7

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 July 2002—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									
8	\$24.02	1.9	33.5	\$24.08	2.2	33.1	\$23.66	3.0	35.7
9	26.18	1.3	33.3	26.23	1.4	32.7	25.99	2.3	36.0
10	29.52	3.6	36.3	30.19	4.3	35.4	26.02	7.4	42.4
11	34.62	3.3	37.6	35.38	3.5	37.3	29.05	6.8	40.1
12	49.52	13.0	36.6	52.93	11.8	35.7	40.92	24.5	39.1
13	56.65	15.4	36.8	61.48	8.3	36.1	38.58	27.0	39.4
14	72.97	10.7	36.1	76.43	13.7	37.6	58.99	10.4	31.1
Not able to be leveled	37.06	17.3	36.1	37.13	18.9	35.5	36.34	44.4	43.7
Physicians	51.66	10.2	39.5	57.41	8.0	38.5	32.71	15.2	42.8
7	18.20	4.9	40.0	18.69	5.2	40.0	—	—	—
8	16.04	12.9	46.3	16.04	12.9	46.3	—	—	—
9	18.92	3.8	45.3	20.35	5.0	42.6	17.48	9.4	48.5
10	17.08	8.6	50.2	18.74	12.5	46.9	13.85	6.7	58.1
11	36.64	16.4	40.3	40.32	15.9	39.1	21.35	26.1	46.3
12	58.26	19.3	38.6	64.15	13.2	38.3	41.07	38.1	39.3
13	56.54	15.9	36.8	61.52	8.7	36.1	38.33	27.0	39.4
14	79.27	8.3	34.5	87.54	6.8	36.1	58.99	10.4	31.1
Not able to be leveled	58.89	24.1	39.8	67.20	21.4	38.2	34.00	48.8	45.2
Dentists	35.51	18.6	30.4	35.74	5.9	30.4	—	—	—
11	32.32	4.9	34.6	32.32	4.9	34.6	—	—	—
Optometrists	46.54	9.1	32.0	46.54	9.1	32.0	—	—	—
11	47.62	22.8	34.6	47.62	22.8	34.6	—	—	—
Health diagnosing practitioners, n.e.c.	21.56	11.3	30.6	21.56	11.3	30.6	—	—	—
Registered nurses	24.57	1.1	33.6	24.54	1.3	33.1	24.74	2.6	36.0
5	16.89	7.4	33.5	16.83	7.8	33.4	17.89	2.7	36.0
6	19.46	9.9	36.2	19.16	11.1	36.0	21.75	4.6	37.7
7	22.19	1.3	33.3	22.41	1.4	32.6	21.31	2.7	36.4
8	23.82	2.1	33.4	23.94	2.4	33.0	23.14	3.0	35.7
9	25.71	1.2	32.9	25.74	1.4	32.5	25.54	2.6	35.1
10	31.33	5.7	37.7	31.21	6.5	37.6	32.10	4.1	38.5
11	32.44	3.9	36.4	32.88	4.4	35.8	30.49	6.0	39.1
12	39.73	7.8	38.7	36.86	8.1	36.0	—	—	—
Not able to be leveled	25.95	10.7	33.8	25.31	10.7	33.7	—	—	—
Pharmacists	37.01	1.4	33.6	37.48	1.3	33.2	31.72	7.9	39.1
7	36.44	5.6	27.3	37.62	5.4	25.8	—	—	—
8	35.47	1.9	29.8	35.66	1.9	29.8	—	—	—
9	35.60	2.8	35.0	36.71	2.4	34.4	27.30	8.1	40.0
10	37.72	3.9	30.5	38.13	1.8	29.7	—	—	—
11	37.46	3.4	37.5	37.60	3.5	37.5	—	—	—
12	42.85	2.3	39.5	42.79	2.6	39.5	—	—	—
Not able to be leveled	37.24	5.3	32.0	37.24	5.3	32.0	—	—	—
Dietitians	19.59	3.2	36.9	19.81	4.2	36.8	18.94	3.2	36.9
6	15.75	8.0	39.6	15.85	10.5	39.8	—	—	—
7	19.21	3.7	37.7	19.36	5.3	37.2	18.70	3.4	39.4
8	20.06	2.8	34.5	20.07	3.4	33.2	20.04	8.0	40.0
9	20.66	4.2	39.0	21.67	4.3	38.7	18.78	6.3	39.5
Respiratory therapists	20.28	1.9	35.8	20.22	2.1	35.7	20.97	3.2	37.4
5	17.92	4.9	35.4	17.68	4.5	35.2	—	—	—
6	19.35	2.8	33.7	19.36	2.9	33.5	—	—	—
7	19.77	2.5	36.6	19.75	2.8	36.5	19.89	2.6	37.5
8	21.33	3.4	35.6	21.28	3.5	35.6	—	—	—
9	21.62	3.0	34.2	21.58	4.0	32.7	—	—	—
Not able to be leveled	22.53	13.7	35.9	—	—	—	—	—	—
Occupational therapists	24.53	3.5	33.5	24.07	4.2	33.2	26.88	4.0	35.1
6	19.62	11.2	36.8	19.80	11.5	36.8	—	—	—
7	23.24	10.9	29.9	23.35	11.7	29.3	—	—	—
8	23.91	5.7	35.8	23.02	3.4	35.9	—	—	—
9	25.87	3.0	32.9	25.34	3.1	32.5	27.49	4.9	34.3

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 July 2002—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									
Physical therapists	\$27.05	2.6	32.9	\$26.59	2.9	32.5	\$29.58	7.0	35.5
6	18.53	8.0	39.6	—	—	—	—	—	—
7	25.42	3.5	31.8	25.04	3.5	31.8	—	—	—
8	27.31	3.1	36.4	26.68	3.3	36.5	—	—	—
9	27.52	3.1	31.8	27.51	3.9	30.5	27.56	6.8	36.9
10	33.48	6.4	26.0	31.52	4.2	24.6	—	—	—
11	29.97	4.4	30.3	30.28	4.4	30.1	—	—	—
Speech therapists	28.51	3.3	34.1	24.14	3.5	31.2	32.02	6.1	36.8
7	22.83	13.3	34.6	—	—	—	28.92	16.2	33.1
8	26.15	8.1	33.7	23.70	6.8	28.3	—	—	—
9	30.04	5.8	34.4	24.20	5.1	30.8	33.90	6.1	37.2
10	27.12	10.0	36.1	—	—	—	31.77	18.5	37.6
Therapists, n.e.c.	19.57	13.1	36.8	19.22	17.2	36.6	20.68	6.7	37.6
5	13.62	4.1	35.0	—	—	—	—	—	—
6	15.18	7.7	38.5	—	—	—	18.95	8.9	37.7
7	15.48	5.7	39.5	14.48	3.6	39.7	20.46	7.2	38.7
8	20.28	11.9	32.4	17.44	7.6	31.3	—	—	—
9	22.00	5.2	35.3	20.96	5.8	34.0	—	—	—
10	21.22	11.3	39.8	19.75	13.3	39.7	—	—	—
Physicians' assistants	31.50	5.1	39.5	31.64	4.9	39.6	—	—	—
5	11.96	5.4	29.5	—	—	—	—	—	—
9	29.26	2.7	40.3	29.35	2.7	40.4	—	—	—
10	34.24	2.1	39.0	34.24	2.1	39.0	—	—	—
Teachers, college and university	39.97	2.7	34.9	42.17	4.5	33.7	39.01	3.2	35.4
5	15.17	8.9	23.4	14.78	13.4	15.9	15.34	11.1	29.0
6	19.14	5.6	32.3	16.72	4.2	31.0	20.38	2.3	33.1
7	25.31	7.6	29.8	23.95	9.2	30.5	26.30	9.7	29.2
8	24.61	4.2	26.9	23.36	6.6	18.2	24.97	5.3	31.3
9	31.28	5.2	31.1	27.45	8.4	34.8	32.13	6.2	30.4
10	32.46	4.7	33.0	32.02	4.7	30.9	32.66	6.2	34.1
11	34.98	2.8	36.0	36.67	4.5	36.2	34.33	3.2	35.9
12	43.31	5.3	35.9	44.10	9.4	35.4	43.05	6.4	36.0
13	46.59	4.3	38.8	52.69	4.6	38.2	45.07	4.9	39.0
14	73.06	12.1	37.8	91.39	16.9	38.2	61.99	6.8	37.6
15	64.36	9.1	39.6	99.10	13.2	40.7	59.86	5.4	39.4
Not able to be leveled	44.29	4.4	37.6	44.38	6.7	35.2	44.07	9.9	44.3
Earth, environmental, and marine science									
teachers	44.54	10.8	37.4	—	—	—	42.72	15.3	36.3
Biological science teachers	41.14	9.9	38.1	44.25	15.9	40.4	39.45	11.7	36.9
9	34.28	11.7	36.4	—	—	—	34.88	12.6	36.5
10	31.81	5.7	26.4	—	—	—	—	—	—
11	39.05	15.8	33.2	41.79	26.2	42.3	—	—	—
12	39.67	7.3	37.9	35.86	16.1	39.9	—	—	—
13	41.52	3.6	45.9	47.36	8.7	38.9	—	—	—
Not able to be leveled	43.85	27.6	38.6	43.85	27.6	38.6	—	—	—
Chemistry teachers	38.82	9.1	40.6	51.77	10.4	38.4	33.32	4.9	41.6
10	29.92	12.5	37.3	—	—	—	—	—	—
11	42.80	16.1	36.8	—	—	—	36.18	3.2	36.2
13	34.17	7.5	43.4	—	—	—	—	—	—
Physics teachers	49.88	9.7	39.0	51.97	7.7	39.1	—	—	—
Natural science teachers, n.e.c.	35.32	14.0	36.7	—	—	—	34.50	15.5	36.5
Psychology teachers	36.77	11.5	35.4	41.81	10.9	31.4	33.66	16.3	38.5
8	20.88	.4	36.5	—	—	—	—	—	—
10	37.20	8.0	27.4	—	—	—	—	—	—
11	32.66	9.9	34.2	36.29	10.1	30.2	—	—	—
12	41.18	11.9	37.7	—	—	—	—	—	—
13	40.54	7.4	39.4	39.42	8.4	39.0	—	—	—
Not able to be leveled	32.96	24.3	23.9	32.96	24.3	23.9	—	—	—

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 July 2002–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									
Economics teachers	\$61.72	18.7	43.1	\$48.68	10.7	34.3	–	–	–
History teachers	36.43	11.8	38.9	29.69	11.8	38.1	\$41.66	10.3	39.6
10	30.85	8.2	36.5	–	–	–	–	–	–
13	43.20	17.6	40.6	–	–	–	–	–	–
Political science teachers	35.94	10.6	38.1	36.06	16.7	37.6	35.86	14.0	38.4
Sociology teachers	32.41	10.2	39.2	34.17	15.7	40.7	30.28	11.2	37.6
12	29.29	12.5	38.7	–	–	–	–	–	–
Social science teachers, n.e.c.	39.97	7.6	37.0	40.83	8.5	34.8	39.45	11.8	38.5
9	41.07	9.6	34.5	–	–	–	–	–	–
13	49.14	8.1	36.1	47.43	15.1	30.1	–	–	–
Engineering teachers	54.11	8.3	35.8	56.73	7.4	30.9	52.69	11.5	39.2
9	28.55	9.9	30.2	–	–	–	28.86	11.2	31.3
13	53.01	12.3	43.2	–	–	–	–	–	–
Not able to be leveled	52.74	9.9	37.2	52.74	9.9	37.2	–	–	–
Mathematical science teachers	39.06	6.8	35.3	37.37	7.6	37.2	39.76	8.3	34.6
8	18.48	30.7	29.8	–	–	–	18.47	30.8	29.9
9	30.35	11.0	37.1	–	–	–	28.79	8.3	36.5
10	39.83	6.5	25.2	32.30	5.0	30.2	43.00	7.7	23.6
11	34.77	12.6	38.4	–	–	–	38.48	17.6	37.9
13	46.41	2.4	38.6	46.11	9.7	41.0	–	–	–
Not able to be leveled	40.91	8.5	39.1	40.91	8.5	39.1	–	–	–
Computer science teachers	36.10	13.5	31.6	27.41	9.6	28.3	38.56	14.5	32.7
7	24.74	9.7	24.6	–	–	–	–	–	–
8	22.95	14.7	24.5	18.80	7.8	28.1	–	–	–
9	27.92	10.6	28.5	–	–	–	32.57	8.5	22.0
10	33.85	8.2	34.5	–	–	–	–	–	–
11	30.06	10.1	32.0	–	–	–	29.99	10.2	32.7
Medical science teachers	48.27	7.4	39.8	53.36	6.7	39.4	45.65	9.1	40.0
9	46.95	22.7	15.6	–	–	–	–	–	–
11	39.66	24.4	33.7	39.66	24.4	33.7	–	–	–
12	42.02	11.8	39.1	–	–	–	–	–	–
13	53.83	14.7	43.4	–	–	–	49.01	22.6	39.7
14	58.11	9.8	42.6	59.52	12.3	43.3	–	–	–
Not able to be leveled	47.61	12.3	49.4	–	–	–	46.85	13.4	51.9
Health specialties teachers	40.95	8.3	36.9	48.63	10.2	37.5	38.11	10.5	36.6
8	27.57	8.6	39.3	22.69	3.4	39.9	35.73	5.8	38.4
9	28.25	7.9	36.7	–	–	–	28.60	9.4	36.6
10	33.81	6.0	38.1	27.05	7.5	34.4	34.52	6.1	38.5
11	33.50	17.1	34.3	38.26	9.6	34.5	32.07	22.6	34.2
13	40.54	8.4	36.0	–	–	–	–	–	–
Not able to be leveled	50.35	13.2	39.0	63.46	12.5	38.8	–	–	–
Business, commerce, and marketing teachers ..	42.51	11.1	36.0	46.30	9.3	34.1	39.71	15.5	37.6
8	26.65	22.8	23.6	18.41	5.4	19.2	–	–	–
9	31.69	6.3	33.3	38.39	4.3	26.7	29.58	5.2	36.1
10	39.91	16.1	31.2	30.87	13.8	30.8	47.89	12.9	31.6
11	35.22	8.7	37.4	41.98	14.3	25.5	34.76	8.2	38.6
12	46.79	6.7	33.3	–	–	–	–	–	–
13	49.93	10.3	40.4	58.32	11.6	39.2	–	–	–
Not able to be leveled	51.82	10.2	36.4	52.65	10.4	36.2	–	–	–
Agriculture and forestry teachers	39.78	20.0	36.6	–	–	–	39.31	23.8	36.9
Art, drama, and music teachers	32.85	6.2	34.1	32.46	5.4	32.4	33.19	10.8	35.7
7	21.22	1.7	32.2	20.95	2.0	31.6	–	–	–
8	24.09	12.7	16.8	21.64	10.2	29.1	–	–	–
9	29.37	18.1	33.6	35.89	15.7	28.5	28.49	16.8	34.4
10	37.91	9.6	22.6	38.19	12.7	19.1	37.72	14.4	25.8
11	31.69	5.8	38.2	30.82	8.4	37.2	–	–	–
12	32.73	10.2	37.9	31.94	7.9	37.6	–	–	–
13	45.04	4.0	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 July 2002—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									
Art, drama, and music teachers—Continued									
Not able to be leveled	\$35.83	17.2	25.4	\$35.83	17.2	25.4	—	—	—
Physical education teachers	37.92	13.5	25.3	29.73	8.8	23.8	\$48.74	19.6	27.6
Education teachers	39.33	10.5	36.1	41.22	19.1	33.8	37.82	8.6	38.2
9	27.23	6.6	35.9	—	—	—	—	—	—
10	25.78	12.5	23.0	25.67	16.2	15.2	—	—	—
11	28.61	8.3	39.4	—	—	—	27.82	8.9	40.0
12	49.58	14.5	37.2	—	—	—	40.96	6.2	39.3
Not able to be leveled	32.23	11.3	34.0	32.23	11.3	34.0	—	—	—
English teachers	42.88	8.7	33.9	35.17	6.5	33.7	46.83	9.2	34.1
7	26.56	9.0	30.3	23.86	19.2	24.1	—	—	—
8	29.95	5.8	29.1	—	—	—	—	—	—
9	38.70	13.9	32.0	—	—	—	39.76	15.0	32.2
10	33.52	7.2	31.9	33.24	14.5	33.9	33.79	11.0	30.0
11	34.77	5.0	33.8	34.70	6.5	36.1	34.81	7.2	32.9
12	49.86	11.5	38.6	—	—	—	—	—	—
13	59.81	5.4	35.2	—	—	—	—	—	—
Not able to be leveled	29.67	10.0	33.4	30.91	9.8	32.1	—	—	—
Foreign language teachers	31.90	20.7	35.9	40.77	8.4	35.3	26.81	29.1	36.2
9	31.23	9.1	29.1	—	—	—	—	—	—
Law teachers	50.92	10.8	28.7	51.39	12.8	28.3	—	—	—
13	56.58	5.1	36.6	—	—	—	—	—	—
Social work teachers	24.10	10.2	27.2	21.73	8.3	31.7	—	—	—
Theology teachers	41.30	13.9	38.3	48.03	21.7	38.1	36.67	6.5	38.4
11	30.28	10.7	39.0	—	—	—	—	—	—
12	39.98	12.8	37.4	39.98	12.8	37.4	—	—	—
13	45.20	6.8	35.6	—	—	—	—	—	—
Not able to be leveled	39.04	7.3	39.1	39.04	7.3	39.1	—	—	—
Trade and industrial teachers	29.61	7.3	35.4	16.16	5.5	41.2	33.63	4.4	34.0
7	30.61	4.6	35.2	—	—	—	30.84	4.0	35.1
8	35.20	10.6	32.3	—	—	—	—	—	—
9	32.40	11.2	37.6	—	—	—	34.99	8.7	36.1
Other post-secondary teachers	38.44	4.5	32.2	42.36	15.9	29.3	37.42	3.4	33.1
5	15.32	10.0	27.7	—	—	—	15.34	11.1	29.0
6	18.38	7.8	16.8	—	—	—	—	—	—
7	26.79	8.4	28.3	30.42	9.3	38.0	24.64	9.5	24.6
8	24.79	4.0	25.8	—	—	—	25.42	3.9	35.8
9	32.22	5.4	27.2	27.15	9.3	33.7	33.59	5.5	25.8
10	32.88	4.2	34.1	34.59	10.1	26.5	32.41	4.4	37.1
11	34.31	2.6	36.0	33.09	5.3	38.3	34.53	2.9	35.6
12	41.42	8.0	34.3	42.83	9.4	34.5	41.29	8.4	34.2
13	48.40	6.8	34.3	47.40	5.7	36.0	48.53	7.5	34.1
14	85.98	16.3	35.8	—	—	—	62.36	6.6	36.0
Not able to be leveled	42.58	12.1	35.1	39.50	10.0	34.1	47.49	17.7	36.8
Teachers, except college and university	28.94	1.2	34.3	17.50	3.4	31.8	31.20	1.1	34.8
2	6.52	4.0	18.3	6.50	2.0	23.3	6.59	13.3	8.8
3	10.06	15.4	12.7	—	—	—	9.91	17.3	13.6
4	9.61	3.3	20.1	9.68	4.4	19.7	9.50	5.1	20.5
5	12.52	5.3	26.5	11.57	6.4	32.6	13.97	8.5	20.6
6	20.67	5.4	30.7	13.70	5.4	31.1	26.70	5.4	30.4
7	25.38	2.7	35.4	17.64	7.1	34.3	27.09	3.0	35.7
8	29.88	3.0	35.6	22.61	5.8	30.6	30.83	2.6	36.4
9	33.07	1.4	35.1	22.12	9.4	33.1	33.82	1.3	35.2
10	33.50	3.2	35.1	29.72	4.4	25.4	34.10	3.7	37.3
11	37.01	2.6	33.7	28.73	3.8	35.4	38.10	3.1	33.5
12	35.61	5.4	34.5	—	—	—	35.09	7.3	33.9
Not able to be leveled	16.11	11.4	31.9	14.67	11.4	32.2	28.16	5.5	30.3
Prekindergarten and kindergarten	17.33	7.1	34.8	11.37	3.9	35.0	28.48	3.0	34.6

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 July 2002—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									
Prekindergarten and kindergarten—Continued									
4	\$9.37	5.1	39.8	\$9.37	5.1	39.8	—	—	—
5	10.53	9.1	35.5	10.41	9.7	35.3	—	—	—
6	13.92	9.7	34.3	11.56	8.8	33.9	\$22.72	10.0	36.2
7	19.17	14.8	36.4	13.07	6.9	35.4	27.26	3.8	37.8
8	28.41	6.3	34.8	18.42	9.7	31.6	30.46	5.7	35.5
9	23.53	17.0	30.4	—	—	—	30.52	4.1	31.1
Elementary school teachers	30.75	1.4	35.9	20.20	5.4	36.0	31.70	1.3	35.9
5	18.39	12.8	29.4	14.79	12.9	38.7	21.58	14.3	24.2
6	28.84	5.7	35.6	19.94	12.9	37.6	29.32	5.7	35.5
7	27.20	4.1	36.4	19.27	7.2	35.8	27.89	4.2	36.5
8	29.28	2.7	36.6	20.41	5.9	35.3	30.23	2.5	36.8
9	33.77	1.4	35.4	24.30	7.8	36.3	34.20	1.4	35.4
11	41.02	16.1	31.7	—	—	—	41.77	15.9	32.1
Not able to be leveled	15.90	9.6	37.1	15.90	9.6	37.1	—	—	—
Secondary school teachers	31.01	1.9	36.7	28.36	5.8	35.3	31.18	1.8	36.8
5	18.81	22.0	33.1	—	—	—	—	—	—
6	28.77	10.4	36.7	23.28	4.8	38.2	30.75	10.7	36.2
7	27.15	3.1	37.5	24.76	6.9	37.7	27.24	3.2	37.5
8	32.12	3.2	36.4	33.35	12.0	31.8	32.00	3.1	36.8
9	32.27	2.4	36.5	27.62	4.2	37.7	32.48	2.5	36.5
10	34.14	7.4	36.5	—	—	—	—	—	—
11	30.24	12.6	36.4	—	—	—	29.97	13.1	36.2
Teachers, special education	31.63	3.6	35.3	22.59	6.1	35.1	33.55	3.3	35.3
5	12.22	9.9	39.4	—	—	—	—	—	—
6	18.96	6.1	38.9	13.45	6.1	39.7	21.62	5.5	38.6
7	25.20	4.6	34.6	23.10	10.5	33.3	27.30	4.7	36.0
8	31.68	5.5	35.8	22.01	7.2	39.1	32.38	5.4	35.6
9	35.39	2.6	35.2	23.25	11.6	37.2	36.21	2.5	35.0
10	37.18	4.8	35.1	—	—	—	39.16	4.8	34.7
Teachers, n.e.c.	27.94	3.7	29.5	18.64	4.4	23.3	31.13	3.3	32.5
3	12.01	10.7	14.9	—	—	—	—	—	—
4	10.51	3.9	12.4	10.56	8.7	7.9	10.48	3.8	19.6
5	13.65	6.6	23.8	13.54	7.4	24.6	13.76	11.5	23.1
6	15.32	6.3	21.0	13.88	8.9	21.7	18.45	5.8	19.7
7	24.34	6.9	34.2	15.75	8.2	29.7	27.22	7.0	36.1
8	27.35	12.0	29.8	20.27	11.1	22.7	30.29	8.1	34.2
9	33.90	2.8	32.6	23.54	7.6	27.1	34.67	2.2	33.1
10	35.78	4.9	27.8	32.32	5.1	22.6	39.56	5.5	36.9
11	31.02	8.5	36.4	28.35	1.9	35.3	—	—	—
Not able to be leveled	22.56	11.7	23.7	20.73	11.6	22.8	—	—	—
Substitute teachers	12.06	4.5	15.0	9.55	8.2	13.5	12.16	4.7	15.1
2	6.59	13.3	8.8	—	—	—	6.59	13.3	8.8
4	8.24	5.6	22.6	—	—	—	8.25	6.1	22.1
5	10.13	7.1	13.7	8.17	13.6	9.4	10.21	7.3	13.9
6	16.51	14.6	14.1	10.00	3.9	16.9	17.16	14.2	13.9
7	12.30	9.5	16.6	12.48	15.0	17.1	12.30	9.7	16.6
8	19.59	9.1	18.7	—	—	—	—	—	—
Vocational and educational counselors	27.01	5.4	36.6	16.09	5.0	36.9	31.47	4.4	36.5
5	14.81	10.3	35.5	12.98	8.9	38.7	17.58	12.1	31.5
6	14.32	9.7	35.1	13.77	10.5	35.1	21.19	13.1	34.8
7	19.58	12.3	39.1	15.33	11.5	39.3	24.55	10.7	38.9
8	28.52	10.3	38.0	17.36	4.4	37.7	30.27	10.8	38.0
9	32.05	7.4	35.9	22.68	8.7	36.5	32.96	7.2	35.8
10	31.70	5.2	37.1	—	—	—	32.29	6.0	38.8
11	39.22	8.5	33.4	—	—	—	39.90	7.0	33.2
Not able to be leveled	22.08	10.5	38.2	—	—	—	—	—	—

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 July 2002–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									
Librarians, archivists, and curators	\$25.08	2.3	37.1	\$23.24	6.2	37.1	\$26.34	4.0	37.1
5	13.80	7.6	34.3	13.57	10.8	27.1	13.87	9.5	37.2
6	15.35	6.9	34.7	17.88	14.0	31.3	14.61	6.3	35.8
7	20.78	6.2	36.0	22.02	8.0	35.6	20.06	8.7	36.3
8	22.02	8.0	38.6	–	–	–	25.01	8.9	38.2
9	29.67	6.8	37.0	22.91	5.1	36.9	32.77	7.4	37.0
10	28.60	7.1	36.6	28.18	12.1	36.9	29.02	6.9	36.4
11	27.90	5.2	38.4	27.84	9.4	39.2	27.94	7.2	37.9
12	29.88	16.6	38.1	–	–	–	–	–	–
Not able to be leveled	27.01	27.2	37.6	26.86	28.6	37.8	–	–	–
Librarians	26.17	3.6	37.0	24.89	6.6	36.9	26.79	4.2	37.1
5	14.36	10.1	36.4	15.12	4.9	30.0	14.22	12.0	37.8
6	14.47	5.9	34.6	13.45	7.1	27.6	14.61	6.3	35.8
7	21.14	7.1	35.7	22.90	7.2	35.8	20.07	10.2	35.7
8	24.74	7.4	38.2	22.51	8.1	38.5	25.25	9.2	38.2
9	30.53	7.1	36.8	22.99	3.8	36.8	33.45	7.4	36.8
10	28.35	8.6	36.8	27.56	17.6	37.3	29.02	6.9	36.4
11	28.27	6.1	38.6	29.03	7.7	38.7	28.03	7.3	38.6
Not able to be leveled	27.02	27.3	37.7	26.87	28.7	37.8	–	–	–
Archivists and curators	19.88	11.1	37.7	19.96	13.7	37.7	19.60	14.2	37.7
5	12.39	6.5	29.9	–	–	–	–	–	–
7	18.55	15.5	38.0	–	–	–	–	–	–
11	26.16	15.7	37.3	–	–	–	–	–	–
Social scientists and urban planners	27.41	4.2	36.7	26.51	4.2	36.5	28.66	7.0	37.1
5	13.68	3.3	40.2	13.84	2.9	40.3	–	–	–
6	17.38	7.9	37.4	17.02	9.3	37.9	18.76	8.2	35.7
7	23.17	6.0	38.3	23.83	6.4	38.2	21.57	6.1	38.5
8	23.51	8.6	35.5	22.79	11.8	38.5	24.38	7.9	32.5
9	28.34	7.2	37.4	24.33	4.8	38.2	34.42	12.1	36.1
10	26.84	9.4	38.3	28.43	5.7	38.3	25.90	14.0	38.2
11	31.36	2.9	36.3	31.39	5.8	33.1	31.34	3.2	38.4
12	27.53	17.8	23.2	–	–	–	28.88	18.3	38.8
13	57.45	15.8	39.2	58.53	16.1	39.1	–	–	–
Not able to be leveled	30.28	10.7	39.8	29.71	10.7	39.9	–	–	–
Economists	27.83	3.4	40.9	27.92	3.5	40.9	–	–	–
7	22.96	6.0	41.3	23.43	6.4	41.4	–	–	–
8	29.08	11.6	40.5	29.08	11.6	40.5	–	–	–
9	26.52	4.4	41.1	26.64	4.6	41.2	–	–	–
11	35.64	4.5	41.3	35.57	5.0	41.4	–	–	–
Not able to be leveled	29.64	11.4	40.2	29.64	11.4	40.2	–	–	–
Psychologists	28.38	5.6	34.5	24.73	7.9	31.9	31.45	6.5	36.9
5	13.41	6.8	38.3	12.23	4.0	37.3	–	–	–
6	17.02	8.2	30.5	15.58	6.7	31.5	–	–	–
7	23.20	10.3	37.4	–	–	–	19.47	9.8	39.2
8	22.06	12.2	36.1	14.66	5.4	35.5	26.11	6.6	36.5
9	30.10	11.8	34.7	20.64	11.1	34.2	37.46	12.0	35.1
10	30.40	7.1	36.7	26.71	15.2	37.1	32.96	8.2	36.5
11	30.50	3.0	35.9	28.25	6.7	29.5	31.16	3.3	38.3
12	–	–	–	–	–	–	26.37	16.4	38.6
13	58.35	19.5	38.3	–	–	–	–	–	–
Social scientists, n.e.c.	22.34	15.9	36.8	24.68	18.8	35.0	19.11	29.2	39.7
11	31.22	11.0	29.6	31.22	11.0	29.6	–	–	–
Urban planners	25.85	5.3	35.6	–	–	–	25.69	5.5	35.5
7	21.63	4.1	39.0	–	–	–	–	–	–
9	25.65	4.9	39.9	–	–	–	25.65	4.9	39.9
10	27.46	7.5	38.5	–	–	–	27.46	7.5	38.5
11	33.07	3.6	39.8	–	–	–	33.07	3.6	39.8
Social, recreation, and religious workers	17.12	5.5	37.6	15.58	6.7	37.2	19.23	2.1	38.0
3	8.31	11.2	33.8	8.31	11.2	33.8	–	–	–

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 July 2002–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, recreation, and religious workers –Continued									
4	\$10.65	5.9	28.9	\$10.04	7.3	36.9	\$11.19	11.0	24.1
5	12.86	3.2	38.3	12.09	5.2	38.7	13.74	2.9	38.0
6	15.09	4.0	37.7	14.14	7.9	37.2	16.20	2.8	38.4
7	16.40	5.0	37.1	15.65	8.1	36.2	17.71	3.1	38.8
8	15.99	12.6	38.9	–	–	–	18.51	3.5	38.2
9	22.35	2.9	35.7	21.24	2.6	32.4	22.98	4.5	37.9
10	21.21	5.7	39.8	18.96	8.7	40.8	24.50	5.5	38.5
11	28.20	11.0	38.7	23.89	20.1	39.3	30.48	11.7	38.5
Not able to be leveled	18.58	9.4	35.7	17.43	13.1	35.6	21.52	7.9	35.9
Social workers	17.21	6.0	37.8	15.61	7.4	37.2	19.37	2.2	38.6
4	11.38	4.5	39.0	10.48	5.9	38.0	–	–	–
5	13.01	3.2	39.1	12.27	5.4	38.7	13.84	3.1	39.5
6	15.10	4.2	37.8	14.11	8.3	37.2	16.33	2.6	38.5
7	16.34	5.6	37.1	15.82	8.2	36.3	17.33	3.4	38.7
8	15.90	12.8	39.1	–	–	–	18.59	3.6	38.5
9	22.38	3.0	35.9	21.27	2.8	32.6	22.96	4.5	37.9
10	22.36	8.7	38.5	20.06	14.3	38.0	24.52	5.9	38.9
11	30.01	9.2	37.0	28.38	3.7	32.8	30.48	11.7	38.5
Not able to be leveled	19.17	9.7	36.5	18.09	14.2	35.6	21.53	7.9	38.7
Recreation workers	14.85	9.0	32.4	12.65	18.4	34.3	17.06	5.6	30.7
3	7.46	13.0	31.2	7.46	13.0	31.2	–	–	–
4	8.04	10.5	15.0	–	–	–	–	–	–
5	9.70	24.6	30.6	–	–	–	12.62	9.7	26.6
6	14.50	13.8	37.6	13.34	6.9	38.8	14.90	17.3	37.2
7	17.35	14.1	36.5	–	–	–	20.44	3.9	39.1
8	18.56	8.0	34.4	19.89	5.5	38.3	–	–	–
Clergy	17.37	11.4	42.6	17.37	11.4	42.6	–	–	–
8	17.35	8.6	35.7	17.35	8.6	35.7	–	–	–
9	21.00	9.6	35.7	21.00	9.6	35.7	–	–	–
Religious workers, n.e.c.	19.25	6.6	37.8	19.25	6.6	37.8	–	–	–
9	23.59	4.4	39.5	23.59	4.4	39.5	–	–	–
Lawyers and judges	44.30	4.8	39.6	47.87	6.4	41.5	36.76	6.7	36.0
7	22.45	4.8	38.2	–	–	–	–	–	–
8	24.75	5.2	40.4	–	–	–	22.55	3.9	38.0
9	44.79	25.9	42.7	–	–	–	24.37	6.3	37.7
10	31.81	9.4	37.9	35.91	16.1	39.0	24.35	4.0	36.1
11	36.85	7.1	39.4	39.35	9.9	42.7	30.82	6.5	33.2
12	48.85	5.7	39.0	52.28	7.5	40.7	40.85	6.2	35.6
13	57.70	4.9	40.1	57.73	6.6	42.4	57.66	8.1	36.8
14	64.86	4.9	41.3	68.36	4.9	41.4	54.49	3.1	40.8
Not able to be leveled	47.17	6.4	39.2	51.70	10.5	40.7	38.97	10.3	36.6
Lawyers	44.02	5.1	39.7	47.87	6.4	41.5	34.69	7.6	35.9
7	22.45	4.8	38.2	–	–	–	–	–	–
8	24.75	5.2	40.4	–	–	–	22.55	3.9	38.0
9	45.65	25.6	43.8	–	–	–	23.28	5.4	40.2
10	31.98	9.6	37.9	35.91	16.1	39.0	24.57	4.1	36.1
11	36.82	7.1	39.6	39.35	9.9	42.7	30.70	6.7	33.8
12	48.93	5.8	39.0	52.28	7.5	40.7	40.47	6.7	35.3
13	58.13	4.9	40.2	57.73	6.6	42.4	–	–	–
14	67.27	4.9	41.6	68.36	4.9	41.4	–	–	–
Not able to be leveled	46.31	6.9	39.2	51.70	10.5	40.7	33.60	3.3	36.0
Judges	50.44	7.9	36.3	–	–	–	50.44	7.9	36.3
Not able to be leveled	56.76	7.1	38.8	–	–	–	56.76	7.1	38.8
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.47	3.6	34.3	22.95	3.4	34.2	29.28	20.1	35.4
2	7.93	3.2	31.9	7.93	3.2	31.9	–	–	–
3	10.67	1.9	33.9	10.67	1.9	33.9	–	–	–

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 July 2002–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									
4	\$9.53	6.5	33.3	\$9.53	6.5	33.3	–	–	–
5	14.24	4.2	36.9	14.08	4.3	36.9	\$17.37	10.9	38.1
6	15.09	5.4	38.3	15.03	5.9	38.2	15.74	8.1	39.5
7	20.38	5.8	39.2	20.36	6.3	39.4	20.57	5.5	36.8
8	22.81	3.9	39.5	22.91	4.2	39.5	21.53	3.6	39.4
9	25.33	2.9	39.4	25.25	3.1	39.4	26.61	4.2	38.8
10	30.65	5.1	40.0	31.38	4.1	40.0	–	–	–
11	37.16	2.5	39.6	37.42	2.6	39.6	–	–	–
12	40.73	7.3	37.9	42.98	3.3	39.3	–	–	–
14	53.64	6.0	40.0	–	–	–	–	–	–
Not able to be leveled	24.00	8.2	28.7	22.57	5.9	28.2	35.29	21.5	33.4
Technical writers	26.13	8.2	39.6	26.13	8.2	39.6	–	–	–
6	15.39	9.6	40.0	15.39	9.6	40.0	–	–	–
7	24.32	6.6	39.7	24.28	6.6	39.7	–	–	–
8	23.10	6.2	41.4	23.10	6.2	41.4	–	–	–
9	26.28	7.7	39.6	26.28	7.7	39.6	–	–	–
11	34.27	8.5	40.1	34.27	8.5	40.1	–	–	–
Designers	22.02	6.0	36.9	22.05	6.1	36.9	19.78	9.7	38.3
4	9.27	5.4	33.0	9.27	5.4	33.0	–	–	–
5	13.91	3.6	34.1	13.92	3.6	34.2	–	–	–
6	16.31	9.5	36.4	16.26	9.8	36.3	–	–	–
7	20.40	11.2	40.2	20.38	11.4	40.2	–	–	–
8	22.13	5.5	40.1	22.18	5.6	40.1	–	–	–
9	26.25	3.0	39.0	26.30	3.2	39.0	–	–	–
11	40.43	3.7	40.2	40.43	3.7	40.2	–	–	–
12	39.39	6.5	40.7	39.39	6.5	40.7	–	–	–
Not able to be leveled	26.04	18.5	34.3	26.04	18.5	34.3	–	–	–
Musicians and composers	31.65	30.4	14.5	31.87	31.3	14.4	–	–	–
Not able to be leveled	31.65	30.4	14.5	31.87	31.3	14.4	–	–	–
Actors and directors	25.45	9.7	33.3	25.45	9.7	33.3	–	–	–
Not able to be leveled	25.45	9.7	33.3	25.45	9.7	33.3	–	–	–
Painters, sculptors, craft artists, and artist printmakers	19.41	8.2	38.7	19.36	8.5	38.7	20.50	15.2	38.6
Not able to be leveled	19.41	8.2	38.7	19.36	8.5	38.7	20.50	15.2	38.6
Photographers	16.59	12.6	36.8	16.47	13.5	36.5	–	–	–
5	15.67	18.6	39.6	15.63	20.7	39.6	–	–	–
6	19.67	7.6	40.0	–	–	–	–	–	–
7	20.49	13.7	36.1	22.78	23.0	32.8	–	–	–
8	23.31	8.4	39.3	23.31	8.4	39.3	–	–	–
9	26.20	6.1	39.3	26.20	6.1	39.3	–	–	–
Dancers	6.28	33.8	18.2	6.28	33.8	18.2	–	–	–
Not able to be leveled	6.28	33.8	18.2	6.28	33.8	18.2	–	–	–
Artists, performers, and related workers, n.e.c.	14.74	8.0	33.3	13.83	7.6	34.6	17.90	3.6	29.6
Not able to be leveled	14.74	8.0	33.3	13.83	7.6	34.6	17.90	3.6	29.6
Editors and reporters	22.38	5.6	39.1	22.46	5.7	39.1	19.74	10.4	39.0
5	13.01	7.1	39.4	12.97	7.3	39.4	–	–	–
6	13.08	7.0	39.5	13.13	7.4	39.5	–	–	–
7	18.35	6.8	38.8	18.17	7.0	38.9	–	–	–
8	21.95	7.3	38.9	21.82	7.6	38.9	–	–	–
9	23.97	6.6	39.8	23.97	6.6	39.8	–	–	–
10	28.78	6.2	40.8	28.78	6.2	40.8	–	–	–
11	36.13	6.5	39.8	36.13	6.5	39.8	–	–	–
12	35.17	8.0	38.4	35.17	8.0	38.4	–	–	–
Not able to be leveled	32.54	24.3	34.9	32.54	24.3	34.9	–	–	–
Public relations specialists	25.53	9.7	39.0	25.53	12.0	38.9	25.56	8.8	39.3
5	17.21	10.1	39.5	15.37	8.3	39.9	–	–	–
6	15.78	3.2	38.4	15.63	3.6	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 July 2002–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									
Public relations specialists –Continued									
7	\$21.10	12.9	39.2	\$20.18	15.2	39.4	–	–	–
8	25.12	8.3	39.2	26.35	8.5	39.3	\$20.80	3.7	39.0
9	24.06	5.7	39.2	22.99	7.2	39.1	26.65	4.8	39.3
11	33.61	9.3	39.9	33.61	9.3	39.9	–	–	–
12	47.97	5.1	37.4	47.97	5.1	37.4	–	–	–
Announcers	22.49	38.5	23.8	22.49	38.5	23.8	–	–	–
Not able to be leveled	22.49	38.5	23.8	22.49	38.5	23.8	–	–	–
Athletes	26.00	28.9	23.3	18.26	11.7	20.2	40.72	15.0	33.1
Not able to be leveled	26.00	28.9	23.3	18.26	11.7	20.2	40.72	15.0	33.1
Professional, n.e.c.	30.06	6.3	37.7	30.78	7.0	38.3	26.89	7.4	35.4
5	17.36	11.2	39.1	17.38	11.2	39.1	–	–	–
6	16.26	5.0	39.4	16.69	6.5	39.8	–	–	–
7	21.77	7.1	38.0	22.16	7.7	39.0	18.88	6.6	31.7
8	21.47	6.9	39.1	21.53	7.7	39.0	–	–	–
9	28.71	7.4	39.6	28.61	8.1	40.0	–	–	–
10	34.06	7.9	39.6	–	–	–	–	–	–
11	35.69	5.8	39.7	36.84	5.3	39.6	–	–	–
12	36.76	13.6	36.1	43.12	5.1	40.0	–	–	–
Not able to be leveled	29.96	7.8	35.0	29.57	8.3	34.2	31.16	18.4	37.8
Technical	19.89	1.5	35.9	20.28	1.9	35.7	17.40	2.4	37.4
2	9.28	3.5	35.8	9.20	3.8	35.5	9.85	7.9	38.8
3	10.25	3.1	32.7	10.23	3.3	33.0	10.61	3.7	28.4
4	13.40	1.6	35.7	13.54	2.0	35.5	12.72	3.4	36.8
5	16.17	3.6	35.5	16.32	4.0	35.4	15.04	2.6	36.4
6	17.29	1.8	35.7	17.68	2.0	35.2	15.95	3.1	37.5
7	19.65	1.8	38.3	19.73	2.2	38.4	19.25	1.8	37.8
8	22.30	1.6	37.9	22.60	1.7	37.8	20.65	3.2	38.7
9	28.74	2.6	34.6	29.52	2.9	34.0	24.44	2.8	38.2
10	33.92	7.6	38.6	34.58	7.9	38.6	23.62	9.0	38.8
11	78.15	13.3	27.9	81.19	14.4	27.4	28.16	7.3	39.2
13	200.79	6.7	21.2	200.79	6.7	21.2	–	–	–
Not able to be leveled	20.62	5.4	35.0	20.62	5.5	34.9	20.84	10.4	38.0
Clinical laboratory technologists and technicians	17.35	2.6	36.6	17.36	3.1	36.4	17.31	10.1	38.3
2	9.31	2.3	36.7	9.31	2.3	36.7	–	–	–
3	10.39	3.7	37.3	10.34	3.8	37.2	–	–	–
4	12.14	2.5	35.7	12.25	4.9	33.9	11.94	1.3	39.7
5	14.52	5.5	34.1	14.48	5.6	34.0	15.91	7.7	36.2
6	15.33	11.1	38.0	15.20	12.4	38.0	16.51	4.5	38.5
7	20.14	2.3	38.7	20.36	2.4	38.6	18.78	5.0	39.3
8	21.11	2.5	37.7	21.11	3.2	37.6	21.13	8.7	38.5
9	21.90	2.2	36.7	22.29	2.3	37.0	20.66	5.5	36.0
10	25.79	4.2	39.3	26.19	3.6	39.2	–	–	–
11	24.80	7.8	40.0	–	–	–	–	–	–
Not able to be leveled	19.59	7.3	37.9	19.59	7.3	37.9	–	–	–
Dental hygienists	28.65	4.8	23.0	29.08	4.7	22.6	–	–	–
5	28.40	13.8	24.7	28.40	13.8	24.7	–	–	–
7	24.89	5.0	25.3	25.73	3.3	24.2	–	–	–
8	33.46	9.7	28.5	35.30	8.0	27.2	–	–	–
Health record technologists and technicians	13.17	14.5	37.4	12.99	15.7	37.6	15.62	12.7	35.8
2	9.68	8.3	38.4	–	–	–	–	–	–
4	12.27	4.5	34.3	12.23	4.7	34.2	–	–	–
5	14.89	9.2	35.4	14.69	9.9	35.3	–	–	–
6	15.82	9.2	40.0	15.79	10.2	40.0	–	–	–
7	18.63	1.4	40.0	–	–	–	–	–	–
8	21.24	5.3	35.2	20.65	6.3	39.8	–	–	–

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 July 2002—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									
Health record technologists and technicians—Continued									
9	\$24.75	2.8	40.0	\$24.75	2.8	40.0	—	—	—
Not able to be leveled	18.08	16.0	39.8	18.08	16.0	39.8	—	—	—
Radiological technicians	22.29	3.4	35.1	22.40	3.6	35.3	\$21.19	7.2	33.0
4	15.26	7.4	37.1	15.58	7.1	36.3	—	—	—
5	22.50	7.3	36.5	22.71	7.1	36.3	—	—	—
6	19.36	4.3	35.2	19.57	4.9	35.6	18.06	3.0	33.2
7	24.23	4.5	32.6	24.13	4.9	33.7	25.00	8.9	25.8
8	24.65	3.2	32.4	23.99	2.5	32.4	28.43	13.7	32.5
9	26.44	4.3	36.8	26.60	4.4	36.6	—	—	—
Not able to be leveled	24.01	4.2	37.6	24.01	4.2	37.6	—	—	—
Licensed practical nurses	15.65	1.4	34.6	15.79	1.4	34.2	15.03	2.5	36.4
3	12.62	8.7	33.1	—	—	—	—	—	—
4	14.62	2.7	36.6	15.07	3.0	35.9	12.84	5.0	39.7
5	15.41	2.0	34.0	15.50	2.2	33.8	14.90	3.5	34.8
6	15.90	2.2	33.7	16.39	2.1	32.8	14.26	4.8	37.0
7	17.08	2.6	36.0	16.73	2.8	36.3	18.74	5.1	34.6
8	18.00	5.0	36.3	18.11	5.8	35.4	17.68	10.4	39.2
Not able to be leveled	14.78	4.0	33.3	14.81	4.1	33.2	—	—	—
Health technologists and technicians, n.e.c.	15.01	2.8	33.0	14.89	3.4	32.2	15.53	3.2	36.9
2	9.23	3.3	35.7	9.26	3.7	35.2	—	—	—
3	10.63	6.0	28.6	10.64	6.5	28.3	10.41	4.9	35.3
4	12.74	5.0	33.2	12.93	5.8	33.3	11.85	3.0	32.3
5	14.63	3.3	35.0	14.66	3.6	34.9	14.46	7.1	36.0
6	15.94	4.3	36.2	16.04	5.7	35.1	15.74	6.9	38.6
7	18.89	1.7	38.0	19.33	1.9	36.7	18.13	2.4	40.3
8	20.47	4.4	37.0	21.55	5.3	36.2	17.58	4.5	39.6
9	26.54	4.0	37.5	27.06	5.8	37.2	25.37	4.8	38.0
Not able to be leveled	13.51	15.5	23.5	—	—	—	—	—	—
Electrical and electronic technicians	19.42	5.8	39.3	19.47	5.5	39.3	18.50	12.7	39.5
4	14.47	5.1	38.7	14.51	5.3	38.7	—	—	—
5	13.76	16.7	39.3	13.76	16.7	39.3	—	—	—
6	18.16	3.0	39.8	18.96	3.6	39.7	—	—	—
7	20.41	5.2	40.0	20.37	5.4	40.0	21.68	4.2	40.0
8	23.19	3.5	38.2	23.12	3.7	38.1	24.64	8.3	39.4
9	27.98	2.2	39.6	27.97	2.3	39.6	—	—	—
10	28.98	2.5	40.0	28.98	2.5	40.0	—	—	—
Not able to be leveled	19.53	6.2	40.0	19.53	6.2	40.0	—	—	—
Industrial engineering technicians	22.04	4.0	40.2	22.23	3.9	40.2	—	—	—
8	21.46	2.4	40.0	21.46	2.4	40.0	—	—	—
Mechanical engineering technicians	22.40	4.1	40.2	22.64	4.0	40.2	—	—	—
4	16.05	7.2	38.4	16.05	7.2	38.4	—	—	—
5	14.92	2.4	40.0	14.93	3.2	40.0	—	—	—
6	18.20	15.3	41.2	18.20	15.3	41.2	—	—	—
7	22.10	6.0	40.3	22.09	6.2	40.3	—	—	—
8	24.72	4.2	40.0	24.72	4.2	40.0	—	—	—
Not able to be leveled	20.35	5.7	40.0	20.35	5.7	40.0	—	—	—
Engineering technicians, n.e.c.	21.10	3.0	39.0	21.75	4.3	39.2	19.21	5.7	38.5
4	12.88	3.4	37.3	12.76	3.3	38.4	—	—	—
5	15.16	4.6	39.4	15.46	6.8	39.9	14.61	6.3	38.4
6	17.06	4.9	36.9	16.64	5.6	36.3	18.23	7.3	38.9
7	20.09	3.0	39.9	21.03	5.1	40.0	18.40	3.5	39.7
8	23.76	6.2	39.8	25.27	6.0	39.9	19.73	7.5	39.8
9	25.77	6.2	39.0	25.24	7.7	40.0	27.37	3.1	36.1
10	28.62	4.0	39.6	28.65	4.4	40.0	—	—	—
Not able to be leveled	28.94	8.0	40.0	28.94	8.0	40.0	—	—	—
Drafters	19.05	3.2	40.1	18.96	3.4	40.1	20.36	4.7	39.1
4	14.06	10.4	40.6	14.10	10.4	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 July 2002—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									
Drafters—Continued									
5	\$16.71	3.8	38.7	\$16.72	3.9	38.9	—	—	—
6	18.41	3.6	40.0	18.29	4.0	40.0	—	—	—
7	17.83	5.5	40.7	17.33	4.9	40.8	\$22.43	5.4	39.7
8	21.10	3.8	40.2	20.99	3.8	40.2	—	—	—
9	27.10	2.7	40.0	27.53	2.9	40.0	—	—	—
Not able to be leveled	18.90	9.4	40.0	18.90	9.4	40.0	—	—	—
Surveying and mapping technicians									
5	16.29	6.1	40.6	15.83	7.5	40.9	18.40	7.1	39.1
6	15.19	4.1	39.7	15.51	4.6	40.0	13.49	9.4	38.5
7	18.21	15.6	40.0	—	—	—	—	—	—
8	17.72	7.2	39.8	—	—	—	17.85	6.8	38.6
9	20.86	4.0	39.9	19.01	4.8	40.0	22.48	6.3	39.9
Biological technicians									
5	16.23	5.0	33.1	16.63	5.4	33.1	14.55	8.3	33.0
6	15.13	7.4	39.4	14.92	9.7	39.9	—	—	—
7	15.97	12.7	39.4	16.08	13.3	39.3	—	—	—
8	17.90	6.9	38.4	18.00	10.0	40.0	17.61	6.1	34.4
9	20.39	11.9	38.6	21.59	10.4	38.4	—	—	—
Chemical technicians									
4	20.34	6.8	39.8	20.35	7.0	39.8	20.10	5.4	37.7
6	15.01	5.2	38.8	15.01	5.4	39.5	—	—	—
7	20.30	7.9	39.9	20.30	7.9	39.9	—	—	—
8	20.66	3.6	39.7	20.62	3.6	39.7	—	—	—
9	20.02	7.6	40.0	19.97	7.9	40.0	21.22	5.9	40.0
Science technicians, n.e.c.									
6	20.42	8.2	39.3	21.01	8.1	39.8	17.00	5.2	36.6
7	17.09	8.9	34.9	21.06	7.4	36.4	14.92	6.6	34.1
8	21.33	9.2	39.6	22.26	10.2	39.8	17.56	7.1	39.0
9	19.68	10.2	39.1	20.23	11.1	38.9	—	—	—
Not able to be leveled	25.92	9.7	40.0	25.87	9.9	40.0	—	—	—
Not able to be leveled	20.86	12.1	42.0	20.96	12.6	42.3	—	—	—
Airplane pilots and navigators									
8	104.72	8.5	21.6	105.97	8.5	21.4	—	—	—
9	25.34	8.8	26.9	25.34	8.8	26.9	—	—	—
10	70.51	15.1	26.2	74.32	15.4	25.5	—	—	—
11	87.82	38.4	26.9	87.82	38.4	26.9	—	—	—
Not able to be leveled	138.34	4.6	19.9	138.34	4.6	19.9	—	—	—
Broadcast equipment operators									
2	17.08	9.7	35.0	15.87	9.7	34.5	23.59	10.9	37.9
4	7.37	4.1	33.1	7.37	4.1	33.1	—	—	—
5	10.85	15.4	34.7	10.72	16.2	34.9	—	—	—
6	13.93	7.4	35.8	13.93	7.6	35.8	—	—	—
9	16.94	8.6	39.6	—	—	—	—	—	—
Not able to be leveled	25.84	8.4	40.0	—	—	—	—	—	—
Computer programmers									
5	24.84	4.8	39.1	25.08	5.3	39.1	22.70	5.1	39.6
6	17.90	6.0	35.8	18.10	6.9	35.7	—	—	—
7	20.33	7.7	36.9	20.77	8.6	36.4	—	—	—
8	18.95	8.4	40.1	18.95	8.9	40.1	—	—	—
9	21.98	4.4	38.1	22.26	4.8	37.7	20.68	10.7	39.9
10	30.55	8.2	39.6	31.61	9.3	39.6	26.02	3.9	39.8
11	30.67	3.7	40.9	30.67	3.7	40.9	—	—	—
Not able to be leveled	30.99	12.2	40.5	30.99	12.2	40.5	—	—	—
Not able to be leveled	25.57	11.3	38.7	25.47	11.5	38.7	—	—	—
Tool programmers, numerical control									
7	20.78	5.7	40.0	20.78	5.7	40.0	—	—	—
8	17.61	3.8	40.0	17.61	3.8	40.0	—	—	—
Legal assistants									
4	17.86	5.3	37.5	18.00	5.8	37.2	17.12	8.4	39.5
5	12.03	5.0	40.0	12.09	5.7	40.0	—	—	—
6	15.60	4.1	37.3	15.54	4.6	37.0	16.10	14.6	39.8
7	18.21	10.0	34.3	18.75	12.4	32.8	16.55	7.4	40.0
8	18.66	6.0	39.2	18.62	7.4	39.5	18.79	10.0	38.4
9	23.58	6.3	40.9	24.24	6.2	41.0	—	—	—
Not able to be leveled	25.26	7.9	38.4	27.19	5.4	38.0	—	—	—
Not able to be leveled	18.45	8.7	38.1	18.26	9.0	38.1	—	—	—
Technical and related, n.e.c.	19.51	4.1	38.6	19.76	4.7	38.8	18.45	5.8	37.4

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 July 2002—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									
Technical and related, n.e.c.—Continued									
2	\$9.47	9.4	32.6	\$9.12	13.2	30.7	—	—	—
3	9.55	10.2	33.1	9.49	10.5	33.9	—	—	—
4	12.54	6.8	39.6	12.10	5.5	39.5	\$14.82	12.6	39.9
5	14.92	3.7	38.3	15.25	3.9	38.5	14.28	6.0	37.9
6	18.15	6.5	37.8	19.08	6.2	39.2	16.34	10.3	35.4
7	20.51	4.0	39.0	20.47	5.5	39.6	20.59	3.0	37.6
8	22.22	6.9	37.7	23.17	8.4	37.3	19.52	8.8	38.7
9	25.40	4.2	40.7	24.97	5.1	40.9	26.78	6.7	40.2
10	29.46	2.3	40.2	30.52	4.3	40.2	—	—	—
11	32.87	7.8	40.0	33.87	8.8	40.0	—	—	—
Executive, administrative, and managerial	31.16	2.6	40.0	31.55	3.2	40.3	29.27	2.5	38.6
4	10.77	9.5	38.6	10.77	9.6	38.6	—	—	—
5	15.37	2.9	39.2	15.28	3.1	39.2	16.13	4.0	38.8
6	16.90	1.7	39.5	16.91	1.9	39.8	16.85	3.7	38.5
7	20.03	2.0	40.0	20.00	2.4	40.3	20.19	2.3	38.9
8	22.30	2.1	40.0	22.60	2.3	40.2	20.95	2.7	39.0
9	26.87	1.7	40.2	27.14	2.0	40.5	25.57	2.9	39.1
10	31.83	2.5	40.0	32.25	2.7	40.4	30.56	5.5	38.9
11	36.60	1.9	40.4	37.24	2.1	40.8	34.81	3.3	39.3
12	46.18	1.9	40.4	47.05	2.0	40.6	42.45	4.2	39.2
13	55.35	3.7	40.4	57.58	3.4	40.7	47.52	11.2	39.7
14	68.13	4.8	41.4	70.89	4.3	41.5	47.94	5.1	40.7
15	96.62	10.1	42.4	96.62	10.1	42.4	—	—	—
Not able to be leveled	36.78	13.4	39.2	37.10	14.1	39.8	31.44	5.2	30.8
Executives, administrators, and managers	34.75	3.2	40.4	34.90	3.8	40.8	33.97	2.5	38.6
4	9.38	16.6	35.8	9.36	16.8	35.7	—	—	—
5	14.10	5.2	41.0	14.00	5.4	41.1	16.63	9.0	38.9
6	15.48	3.0	40.7	15.34	3.5	40.8	16.59	3.9	39.6
7	19.35	2.8	41.0	19.19	3.2	41.3	20.52	4.7	39.2
8	21.60	2.3	40.3	21.66	2.3	40.5	21.16	6.6	39.1
9	27.31	2.7	40.8	27.36	3.0	41.0	27.03	3.9	39.3
10	32.70	3.6	40.5	32.73	3.8	40.9	32.59	7.0	39.2
11	37.37	2.1	40.5	37.93	2.7	41.0	35.91	2.4	39.3
12	46.46	1.9	40.5	47.30	2.2	40.8	43.17	4.2	39.2
13	55.30	3.8	40.5	57.60	3.5	40.7	47.52	11.2	39.7
14	68.35	5.2	41.4	71.25	4.6	41.6	47.94	5.1	40.7
15	96.62	10.1	42.4	96.62	10.1	42.4	—	—	—
Not able to be leveled	41.27	15.5	39.4	42.04	16.4	40.3	31.52	5.1	30.2
Legislators	14.68	19.2	14.3	—	—	—	14.68	19.2	14.3
Not able to be leveled	14.68	19.2	14.3	—	—	—	14.68	19.2	14.3
Chief executives and general administrators, public administration	44.88	7.5	42.2	—	—	—	42.21	5.3	39.0
12	39.48	10.0	40.5	—	—	—	41.01	12.6	40.7
Administrators and officials, public administration	30.41	3.2	39.5	47.91	20.3	39.0	30.04	2.9	39.5
5	17.04	11.1	39.4	—	—	—	17.04	11.1	39.4
6	16.09	8.7	40.1	—	—	—	16.21	12.0	40.1
7	20.07	7.1	39.2	—	—	—	20.06	7.1	39.2
8	20.73	5.7	39.2	—	—	—	20.73	5.8	39.2
9	27.45	3.0	39.4	—	—	—	27.46	3.0	39.4
10	27.19	10.2	40.5	—	—	—	27.19	10.2	40.5
11	30.65	6.3	39.5	—	—	—	30.55	6.3	39.5
12	39.68	2.7	39.6	—	—	—	39.45	2.9	39.9
13	41.92	18.8	39.7	—	—	—	39.51	17.9	39.7
14	40.79	7.7	40.3	—	—	—	40.79	7.7	40.3
Not able to be leveled	37.93	6.5	37.2	—	—	—	37.93	6.5	37.2
Financial managers	36.34	8.8	40.4	35.98	9.2	40.5	41.34	17.5	38.9

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 July 2002—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									
Financial managers—Continued									
6	\$13.91	10.7	40.0	\$13.91	10.7	40.0	—	—	—
7	20.70	4.3	42.2	20.69	4.3	42.2	—	—	—
8	18.81	7.6	40.2	18.76	7.7	40.2	—	—	—
9	27.01	2.2	40.3	26.98	2.2	40.3	\$27.83	6.8	39.0
10	29.40	5.6	40.4	29.51	5.8	40.4	—	—	—
11	39.76	6.0	40.4	40.06	6.7	40.8	37.57	5.3	37.8
12	47.23	3.9	40.3	49.01	3.9	40.4	35.62	6.9	40.0
13	63.28	3.2	39.9	66.03	5.9	40.2	59.63	3.9	39.5
14	63.74	4.1	40.2	63.74	4.1	40.2	—	—	—
Not able to be leveled	57.43	36.8	39.8	57.51	37.1	39.8	—	—	—
Personnel and labor relations managers	32.35	10.4	41.2	31.77	11.2	41.4	38.40	5.9	39.4
7	18.40	8.6	41.1	17.32	8.7	43.4	—	—	—
8	—	—	—	—	—	—	21.32	6.1	39.2
9	25.71	11.7	40.3	24.82	10.7	40.3	—	—	—
10	35.80	10.0	39.5	—	—	—	—	—	—
11	39.74	5.0	41.6	39.09	6.5	41.9	44.32	8.4	40.1
12	52.07	15.6	40.9	52.25	19.3	41.2	51.24	6.1	39.6
13	54.31	8.4	41.0	56.57	10.1	42.0	—	—	—
14	66.95	16.1	40.7	66.95	16.1	40.7	—	—	—
Not able to be leveled	37.48	21.2	45.5	37.48	21.2	45.5	—	—	—
Purchasing managers	32.13	4.4	40.5	32.18	4.1	40.6	31.74	21.7	39.9
7	20.25	12.9	40.0	16.42	4.6	40.0	—	—	—
8	23.48	9.0	41.0	24.67	8.5	41.2	—	—	—
9	28.32	3.3	40.2	28.58	3.2	40.2	—	—	—
10	36.16	4.8	40.0	36.16	4.8	40.0	—	—	—
11	38.05	8.3	40.0	34.93	6.0	40.0	—	—	—
12	42.36	7.9	43.9	42.36	7.9	43.9	—	—	—
Not able to be leveled	31.96	10.8	39.7	31.96	10.8	39.7	—	—	—
Managers, marketing, advertising, and public relations	42.70	10.0	40.9	42.74	10.0	40.9	32.91	17.8	40.8
6	16.23	11.4	40.0	16.23	11.4	40.0	—	—	—
7	20.47	5.0	39.9	20.28	5.2	39.9	—	—	—
8	24.96	9.7	40.2	25.00	9.8	40.3	—	—	—
9	27.90	5.0	41.3	27.92	5.0	41.3	—	—	—
10	34.21	5.3	41.9	34.21	5.3	41.9	—	—	—
11	47.69	9.4	40.9	47.68	9.5	40.9	—	—	—
12	44.80	4.7	42.1	44.83	4.7	42.1	—	—	—
13	54.37	6.1	40.1	54.38	6.1	40.1	—	—	—
Not able to be leveled	38.79	5.3	39.4	38.80	5.3	39.4	—	—	—
Administrators, education and related fields	35.21	4.3	39.1	26.25	7.9	39.5	38.93	4.3	39.0
6	14.05	15.8	38.6	14.05	15.8	38.6	—	—	—
7	19.09	6.5	33.5	17.56	8.1	32.0	22.73	8.3	37.9
8	23.55	5.9	38.6	20.50	7.4	38.1	26.55	6.0	39.1
9	25.13	8.3	38.8	21.07	3.7	38.9	26.96	12.3	38.8
10	37.46	4.2	38.8	31.04	8.6	41.9	38.91	5.1	38.2
11	38.81	2.4	39.6	37.72	8.0	41.6	38.98	2.8	39.3
12	45.85	6.6	38.5	39.78	3.8	39.6	46.59	7.2	38.3
13	45.80	6.3	40.3	52.75	17.0	40.8	44.51	6.0	40.3
14	51.91	5.7	43.0	56.17	11.4	45.7	50.22	4.9	42.0
Not able to be leveled	24.39	14.5	41.0	21.50	15.3	41.5	31.99	17.2	39.9
Managers, medicine and health	33.79	4.3	39.7	33.64	4.1	39.9	34.44	14.9	39.0
5	18.84	3.0	37.2	—	—	—	—	—	—
7	21.34	7.4	39.9	21.33	7.6	39.9	—	—	—
8	19.80	9.8	39.2	21.33	6.6	39.2	16.48	23.9	39.2
9	27.30	3.4	40.1	27.78	3.6	40.2	25.15	2.8	39.5
10	30.97	4.8	40.3	31.03	5.0	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 July 2002–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									
Managers, medicine and health –Continued									
11	\$33.56	2.4	40.2	\$34.92	2.4	41.0	\$28.64	7.8	37.4
12	44.29	7.4	39.6	45.57	9.1	39.3	40.15	1.9	40.9
13	58.19	8.9	37.6	54.65	10.2	37.5	–	–	–
14	71.09	9.7	40.1	71.19	10.1	40.1	–	–	–
Not able to be leveled	31.52	10.2	39.2	29.52	12.3	38.9	–	–	–
Managers, food servicing and lodging establishments									
5	18.66	3.9	42.0	18.53	4.3	42.2	20.20	10.0	39.0
6	14.58	7.8	41.7	14.59	7.9	41.8	–	–	–
7	15.59	4.8	43.2	14.95	4.7	44.9	–	–	–
8	17.47	5.2	43.0	17.25	4.4	43.2	–	–	–
9	19.26	7.1	42.8	19.17	7.9	43.4	–	–	–
10	21.75	6.0	42.7	21.63	6.2	42.8	–	–	–
11	26.46	7.5	44.8	26.44	7.7	45.4	–	–	–
12	31.83	5.4	45.1	31.91	5.5	45.2	–	–	–
Not able to be leveled	42.11	3.6	44.8	42.77	5.5	46.1	–	–	–
Managers, properties and real estate	14.68	12.3	34.9	14.68	12.3	34.9	–	–	–
7	20.94	9.8	37.6	20.65	10.5	37.5	24.96	9.1	39.2
8	21.12	15.7	34.3	21.25	16.5	33.9	–	–	–
9	22.68	4.6	39.9	22.70	4.7	39.9	–	–	–
12	30.34	17.3	40.6	33.11	20.7	40.8	–	–	–
Not able to be leveled	43.78	14.8	40.8	–	–	–	–	–	–
Funeral directors	18.36	17.5	35.3	18.36	17.5	35.3	–	–	–
Managers, service organizations, n.e.c.	22.95	14.5	47.1	22.95	14.5	47.1	–	–	–
6	28.08	8.6	40.0	28.25	9.2	40.1	25.74	5.9	39.1
7	14.70	8.2	39.3	14.33	9.9	39.4	16.31	9.8	38.6
8	15.95	7.2	42.4	15.84	7.4	42.5	18.81	4.8	39.4
9	21.85	5.8	37.0	21.94	5.9	37.0	–	–	–
10	24.33	3.1	39.3	24.42	3.2	39.3	23.79	6.6	39.1
11	31.24	8.2	38.9	31.69	9.0	38.9	25.81	13.1	40.0
12	32.57	6.7	39.8	32.80	7.7	39.9	31.18	7.8	39.0
13	38.30	10.6	39.8	38.04	11.1	39.8	–	–	–
14	48.70	5.8	37.4	48.70	5.8	37.4	–	–	–
Not able to be leveled	30.56	9.6	45.5	30.56	9.6	45.5	–	–	–
Managers and administrators, n.e.c.	36.60	5.1	41.1	36.86	5.2	41.1	31.27	7.7	39.8
5	13.74	9.9	42.0	13.72	9.9	42.0	–	–	–
6	15.45	5.0	40.7	15.45	5.1	40.7	–	–	–
7	19.86	4.6	41.6	19.85	5.0	41.7	20.01	3.7	39.5
8	23.00	3.3	41.3	23.21	2.7	41.5	20.60	14.6	39.3
9	28.24	4.9	41.5	28.28	5.1	41.6	27.60	5.4	39.7
10	34.57	5.6	41.1	34.66	5.6	41.1	29.12	5.7	37.8
11	36.25	2.2	41.0	36.19	2.4	41.1	37.05	11.4	40.2
12	48.14	2.8	40.7	48.69	2.8	40.7	39.58	3.7	40.7
13	57.72	4.6	41.3	58.01	4.6	41.2	46.54	7.6	42.7
14	68.98	3.9	42.1	69.09	4.2	42.2	66.04	6.1	39.4
15	102.90	13.7	41.9	102.90	13.7	41.9	–	–	–
Not able to be leveled	45.66	23.4	40.2	46.01	23.6	40.3	–	–	–
Management related	24.90	1.8	39.2	25.53	2.2	39.3	22.12	2.0	38.7
4	11.82	8.3	41.1	11.82	8.3	41.1	–	–	–
5	16.23	1.9	38.0	16.26	2.0	37.9	16.04	4.4	38.7
6	17.47	2.1	39.0	17.66	2.7	39.3	16.90	4.2	38.3
7	20.63	2.9	39.2	20.79	3.5	39.3	20.01	2.0	38.8
8	23.00	3.0	39.6	23.69	3.7	39.9	20.85	2.3	38.9
9	26.16	1.6	39.4	26.76	1.7	39.5	24.10	3.9	39.0
10	29.89	3.3	38.9	31.03	3.2	39.2	27.39	8.0	38.3
11	33.21	3.0	39.8	34.50	2.5	39.9	28.02	6.4	39.5
12	44.22	3.7	39.5	45.51	3.7	39.5	31.31	5.3	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 July 2002—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									
13	\$57.08	9.7	39.3	\$57.08	9.7	39.3	—	—	—
14	62.34	12.8	40.3	62.34	12.8	40.3	—	—	—
Not able to be leveled	29.07	9.1	38.8	29.02	9.0	38.9	\$31.00	11.8	34.0
Accountants and auditors	23.35	2.6	38.8	23.77	3.1	38.8	21.28	3.3	38.8
5	16.07	2.8	37.6	15.94	2.8	37.5	17.14	7.3	38.4
6	19.09	3.4	38.9	20.33	3.1	38.4	17.17	5.8	39.6
7	20.00	1.9	38.7	20.08	2.2	38.7	19.44	2.9	38.8
8	21.35	3.3	39.8	21.91	3.3	39.8	19.18	5.5	39.8
9	25.37	3.0	38.0	26.14	3.3	38.0	22.92	7.8	38.2
10	28.58	2.1	38.2	28.49	2.9	38.1	28.86	4.1	38.5
11	32.54	3.3	40.6	32.67	3.5	40.7	30.52	3.8	38.3
12	39.35	8.3	39.5	42.69	7.2	39.4	—	—	—
13	50.16	3.5	41.1	50.16	3.5	41.1	—	—	—
Not able to be leveled	26.53	5.6	40.1	26.57	5.6	40.2	—	—	—
Underwriters	23.97	7.0	37.7	23.97	7.0	37.7	—	—	—
5	17.08	6.8	39.1	17.08	6.8	39.1	—	—	—
7	20.11	6.9	38.9	20.11	6.9	38.9	—	—	—
8	23.93	6.7	38.0	23.93	6.7	38.0	—	—	—
9	19.83	12.8	35.1	19.83	12.8	35.1	—	—	—
Not able to be leveled	29.02	11.3	38.6	29.02	11.3	38.6	—	—	—
Other financial officers	31.50	6.1	39.6	31.94	6.4	39.7	25.59	7.5	38.2
5	15.14	6.1	39.1	15.21	6.3	39.0	—	—	—
6	16.21	5.9	39.2	16.21	5.9	39.2	—	—	—
7	24.57	17.7	39.5	25.21	19.0	39.4	19.46	3.2	39.6
8	27.17	12.2	40.5	27.61	12.6	40.6	19.85	9.4	38.7
9	29.30	4.9	40.5	29.65	5.3	40.6	25.53	5.6	39.8
10	32.67	6.4	38.1	34.28	9.4	40.1	—	—	—
11	35.58	5.7	39.9	36.15	5.9	39.8	—	—	—
12	47.59	11.8	38.9	50.56	11.0	38.7	—	—	—
13	63.98	9.7	38.4	63.98	9.7	38.4	—	—	—
Not able to be leveled	37.63	9.9	39.4	37.65	9.9	39.4	—	—	—
Management analysts	28.06	4.8	39.8	29.53	4.1	40.1	22.49	8.5	38.8
6	19.99	4.6	39.9	19.99	4.6	39.9	—	—	—
7	19.83	2.9	40.0	20.49	2.3	40.1	—	—	—
8	24.21	4.0	39.2	24.59	4.0	39.8	—	—	—
9	26.55	2.7	40.1	26.80	3.0	40.6	25.46	8.0	38.0
10	26.77	16.1	39.5	33.47	8.2	39.5	20.14	13.0	39.5
11	30.51	9.6	39.9	34.76	4.0	40.2	24.18	11.3	39.4
12	37.08	5.1	40.5	37.11	5.2	40.6	—	—	—
13	51.01	18.7	40.0	51.01	18.7	40.0	—	—	—
Not able to be leveled	32.95	7.3	39.8	32.95	7.3	39.8	—	—	—
Personnel, training, and labor relations specialists	23.15	3.4	38.8	23.30	4.0	38.8	22.44	4.3	38.7
5	15.74	3.9	37.6	15.12	3.1	37.5	18.35	11.4	38.0
6	16.03	3.6	39.5	16.12	5.4	39.8	15.80	8.4	38.9
7	21.34	4.2	38.8	21.79	4.8	39.5	19.69	4.9	36.3
8	21.78	3.8	40.1	22.05	4.4	40.2	19.95	5.5	39.4
9	25.92	2.3	40.1	26.35	2.8	40.2	24.63	6.0	39.9
10	30.07	2.8	40.0	28.18	2.5	40.5	33.21	5.5	39.1
11	32.37	4.2	39.2	32.67	4.7	39.2	30.47	5.7	38.8
12	41.53	6.0	38.8	41.75	6.0	38.8	—	—	—
Not able to be leveled	19.74	5.3	36.4	19.85	5.4	36.3	—	—	—
Purchasing agents and buyers, farm products ..	25.84	20.4	39.6	27.51	20.9	39.5	—	—	—
Buyers, wholesale and retail trade, except farm products	23.27	8.8	39.3	23.30	8.9	39.3	—	—	—
6	17.76	4.3	40.2	17.69	4.5	40.2	—	—	—
7	17.50	15.2	40.0	17.50	15.2	40.0	—	—	—
8	29.95	24.0	37.3	30.14	25.1	37.3	—	—	—

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 July 2002—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									
Buyers, wholesale and retail trade, except farm products—Continued									
9	\$26.81	10.9	41.6	\$26.91	11.2	41.7	—	—	—
Not able to be leveled	25.10	12.1	39.4	25.10	12.1	39.4	—	—	—
Purchasing agents and buyers, n.e.c.	23.93	6.0	39.7	25.28	4.4	39.7	\$17.35	9.7	39.8
5	18.20	6.2	39.7	18.21	6.2	39.7	—	—	—
6	17.90	15.6	40.4	21.87	8.5	41.1	14.18	14.9	39.8
7	20.85	4.7	38.7	20.82	5.1	38.7	21.27	6.2	38.9
8	22.84	5.8	39.7	24.11	4.9	39.7	19.13	8.0	39.9
9	26.10	9.2	39.7	27.68	6.3	39.7	18.77	9.0	39.9
10	31.09	7.2	40.5	31.62	7.3	40.5	—	—	—
11	35.06	6.6	40.6	35.06	6.6	40.6	—	—	—
12	38.72	3.3	40.5	38.72	3.3	40.5	—	—	—
Not able to be leveled	23.79	10.1	39.9	23.79	10.1	39.9	—	—	—
Construction inspectors	23.25	4.1	39.2	23.04	10.9	39.6	23.33	3.8	39.1
5	17.66	4.8	38.3	17.49	1.1	37.5	17.83	8.5	39.0
6	18.41	6.5	40.5	—	—	—	19.27	5.9	40.0
7	22.12	5.9	39.6	19.67	4.8	40.0	22.89	6.8	39.5
8	25.60	7.9	38.6	—	—	—	24.15	7.2	38.3
9	27.02	2.7	39.5	—	—	—	27.39	3.5	39.3
Inspectors and compliance officers, except construction	21.98	2.8	39.4	24.33	6.6	41.3	20.45	2.2	38.3
5	16.38	9.5	38.8	—	—	—	16.38	9.6	38.8
6	17.76	3.4	35.3	18.95	8.4	39.6	17.58	3.3	34.7
7	19.75	5.5	38.7	21.97	7.3	39.6	18.49	4.6	38.1
8	20.59	3.3	39.4	23.16	2.9	39.5	20.02	3.0	39.4
9	23.12	7.6	41.3	22.79	13.8	42.8	23.54	3.7	39.5
10	29.07	4.5	39.7	—	—	—	—	—	—
11	28.64	2.9	40.3	—	—	—	—	—	—
Not able to be leveled	23.18	3.6	41.8	23.18	3.6	41.8	—	—	—
Management related, n.e.c.	23.88	1.8	39.2	23.96	2.3	39.4	23.51	3.0	38.6
4	11.87	9.1	43.6	11.87	9.1	43.6	—	—	—
5	16.08	4.2	37.7	16.59	4.5	37.5	13.33	3.8	39.0
6	17.80	2.6	38.6	17.77	2.9	38.7	18.12	4.5	37.7
7	19.91	2.4	39.7	19.71	2.9	39.7	20.56	4.1	39.6
8	21.65	2.9	39.4	21.75	3.5	39.7	21.36	4.3	38.5
9	26.99	2.3	39.5	27.25	2.4	39.7	25.96	3.2	38.7
10	29.67	3.8	39.5	30.08	4.0	39.3	28.21	8.3	40.0
11	33.39	3.8	39.2	34.37	4.3	38.9	31.11	3.6	39.8
12	55.41	20.7	40.3	56.39	20.3	40.2	—	—	—
Not able to be leveled	27.91	10.1	38.4	27.18	9.7	39.0	34.66	6.1	33.1
Sales	14.50	2.1	32.6	14.51	2.1	32.6	12.93	5.6	33.6
1	7.16	1.4	25.5	7.16	1.4	25.5	7.37	7.8	22.2
2	7.58	1.4	26.6	7.57	1.4	26.6	9.58	1.6	28.3
3	9.03	1.4	29.3	9.00	1.4	29.3	11.33	5.8	33.3
4	12.62	1.5	36.8	12.61	1.5	36.7	13.52	3.4	39.6
5	16.94	3.9	40.3	16.94	3.9	40.3	17.27	11.1	39.8
6	18.89	4.1	40.2	18.89	4.1	40.2	—	—	—
7	25.72	7.2	41.6	25.74	7.2	41.7	—	—	—
8	23.94	3.5	41.2	23.95	3.5	41.2	—	—	—
9	39.17	9.3	41.6	39.19	9.3	41.6	—	—	—
10	40.08	5.8	41.9	40.12	5.8	41.9	—	—	—
11	44.13	8.5	41.3	44.36	8.6	41.4	—	—	—
12	52.11	12.0	40.0	52.11	12.0	40.0	—	—	—
Not able to be leveled	15.83	7.2	34.7	15.83	7.2	34.7	—	—	—
Supervisors, sales	19.16	4.7	40.9	19.16	4.7	41.0	17.15	9.1	39.5
3	9.09	6.4	39.6	9.09	6.4	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 July 2002—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—Continued									
4	\$10.75	3.2	38.9	\$10.74	3.2	38.9	—	—	—
5	13.64	2.6	41.3	13.58	2.7	41.3	—	—	—
6	18.18	12.8	41.3	18.19	12.8	41.3	—	—	—
7	20.97	11.0	42.1	20.98	11.0	42.1	—	—	—
8	21.75	3.8	41.9	21.76	3.8	41.9	—	—	—
9	35.67	12.7	42.5	35.68	12.8	42.5	—	—	—
10	42.10	10.9	40.7	42.10	10.9	40.7	—	—	—
11	37.01	6.2	40.9	37.01	6.2	40.9	—	—	—
12	35.89	14.6	41.1	35.89	14.6	41.1	—	—	—
Not able to be leveled	19.58	11.8	40.8	19.58	11.8	40.8	—	—	—
Insurance sales	21.46	8.6	39.9	21.45	8.6	39.9	—	—	—
3	8.74	10.1	39.4	8.74	10.1	39.4	—	—	—
4	12.77	4.3	38.7	12.77	4.3	38.7	—	—	—
5	15.48	3.6	39.5	15.48	3.6	39.5	—	—	—
6	19.21	13.2	38.6	19.21	13.2	38.6	—	—	—
7	29.69	9.8	44.4	29.69	9.8	44.4	—	—	—
8	28.03	34.6	38.7	—	—	—	—	—	—
9	40.51	22.8	41.5	40.58	22.9	41.5	—	—	—
11	42.38	16.3	45.1	42.38	16.3	45.1	—	—	—
Not able to be leveled	28.26	13.0	39.3	28.26	13.0	39.3	—	—	—
Real estate sales	19.13	8.8	38.2	19.00	9.3	38.2	—	—	—
3	10.86	20.0	30.6	10.86	20.0	30.6	—	—	—
4	15.29	10.3	39.5	15.32	10.3	39.5	—	—	—
5	12.73	2.4	40.0	12.73	2.4	40.0	—	—	—
8	21.02	12.8	38.1	21.02	12.8	38.1	—	—	—
Securities and financial services sales	43.42	11.8	39.6	43.42	11.8	39.6	—	—	—
4	13.31	5.6	38.6	13.31	5.6	38.6	—	—	—
5	15.44	5.8	39.4	15.44	5.8	39.4	—	—	—
6	15.47	7.7	39.8	15.47	7.7	39.8	—	—	—
7	28.71	14.9	39.8	28.71	14.9	39.8	—	—	—
8	28.82	10.8	39.7	28.82	10.8	39.7	—	—	—
9	64.47	20.6	39.7	64.47	20.6	39.7	—	—	—
10	69.65	5.4	38.3	69.65	5.4	38.3	—	—	—
11	88.99	31.3	41.0	88.99	31.3	41.0	—	—	—
12	62.49	12.9	37.3	62.49	12.9	37.3	—	—	—
Not able to be leveled	36.05	10.6	39.7	36.05	10.6	39.7	—	—	—
Advertising and related sales	20.90	8.7	36.7	20.90	8.7	36.7	—	—	—
4	11.02	6.7	33.1	11.02	6.7	33.1	—	—	—
5	17.73	12.6	40.2	17.73	12.6	40.2	—	—	—
6	20.61	7.5	35.5	20.58	7.5	35.5	—	—	—
7	21.82	9.9	39.5	21.82	9.9	39.5	—	—	—
8	23.92	13.5	39.4	23.92	13.5	39.4	—	—	—
9	29.89	8.4	39.9	29.89	8.4	39.9	—	—	—
11	41.96	6.6	40.0	41.96	6.6	40.0	—	—	—
Not able to be leveled	19.16	18.6	36.6	19.16	18.6	36.6	—	—	—
Sales, other business services	20.99	9.9	36.8	20.99	9.9	36.8	—	—	—
2	12.85	14.9	27.8	12.85	14.9	27.8	—	—	—
3	9.16	5.1	26.7	9.16	5.1	26.7	—	—	—
4	15.05	5.6	37.6	15.05	5.6	37.6	—	—	—
5	16.42	12.3	42.2	16.42	12.3	42.2	—	—	—
6	19.53	4.3	40.2	19.53	4.3	40.2	—	—	—
7	35.63	29.3	41.1	35.63	29.3	41.1	—	—	—
8	24.27	9.7	40.9	24.27	9.7	40.9	—	—	—
9	31.66	13.0	40.8	31.66	13.0	40.8	—	—	—
10	25.99	14.6	40.0	25.99	14.6	40.0	—	—	—
11	39.53	8.2	39.8	39.67	8.2	39.7	—	—	—
Not able to be leveled	16.64	37.6	32.6	16.64	37.6	32.6	—	—	—
Sales engineers	37.71	19.9	42.8	37.71	19.9	42.8	—	—	—
11	34.82	5.1	41.1	34.82	5.1	41.1	—	—	—

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 July 2002—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	\$24.08	5.2	40.1	\$24.08	5.2	40.1	—	—	—
4	15.87	10.7	38.9	15.87	10.7	38.9	—	—	—
5	21.78	5.1	39.9	21.78	5.1	39.9	—	—	—
6	18.33	7.0	40.6	18.33	7.0	40.6	—	—	—
7	25.01	3.9	40.9	25.01	3.9	40.9	—	—	—
8	26.82	7.7	40.4	26.82	7.7	40.4	—	—	—
9	33.48	5.1	42.5	33.48	5.1	42.5	—	—	—
10	41.37	6.1	40.3	41.37	6.1	40.3	—	—	—
11	38.02	8.8	41.3	38.02	8.8	41.3	—	—	—
12	45.97	4.9	40.0	45.97	4.9	40.0	—	—	—
Not able to be leveled	18.28	17.3	39.2	18.28	17.3	39.2	—	—	—
Sales workers, motor vehicles and boats	18.95	4.8	45.4	18.95	4.8	45.4	—	—	—
3	17.25	13.5	43.3	17.25	13.5	43.3	—	—	—
4	16.17	6.7	48.4	16.17	6.7	48.4	—	—	—
5	19.14	9.5	42.8	19.14	9.5	42.8	—	—	—
6	22.81	8.2	43.0	22.81	8.2	43.0	—	—	—
7	25.66	9.7	48.0	25.66	9.7	48.0	—	—	—
Not able to be leveled	20.88	9.2	44.8	20.88	9.2	44.8	—	—	—
Sales workers, apparel	9.05	3.5	25.1	9.05	3.5	25.1	—	—	—
1	7.40	3.9	19.6	7.40	3.9	19.6	—	—	—
2	7.68	5.9	23.6	7.68	5.9	23.6	—	—	—
3	8.38	3.2	25.0	8.38	3.2	25.0	—	—	—
4	11.55	7.8	31.7	11.55	7.8	31.7	—	—	—
Not able to be leveled	8.36	13.9	25.2	8.36	13.9	25.2	—	—	—
Sales workers, shoes	8.64	4.9	23.3	8.64	4.9	23.3	—	—	—
2	7.64	5.3	20.2	7.64	5.3	20.2	—	—	—
3	9.94	8.2	28.7	9.94	8.2	28.7	—	—	—
4	11.44	21.1	37.3	11.44	21.1	37.3	—	—	—
Sales workers, furniture and home furnishings ..	11.21	10.2	26.8	11.21	10.2	26.8	—	—	—
3	8.56	7.3	22.8	8.56	7.3	22.8	—	—	—
4	15.26	5.3	42.5	15.26	5.3	42.5	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	19.71	32.5	33.6	19.71	32.5	33.6	—	—	—
3	9.76	18.1	35.8	9.76	18.1	35.8	—	—	—
Not able to be leveled	9.27	1.3	26.0	9.27	1.3	26.0	—	—	—
Sales workers, hardware and building supplies	13.82	5.5	37.5	13.82	5.5	37.5	—	—	—
2	7.71	2.8	28.0	7.71	2.8	28.0	—	—	—
3	10.25	2.1	33.8	10.25	2.1	33.8	—	—	—
5	14.17	10.3	46.3	14.17	10.3	46.3	—	—	—
6	30.65	10.7	39.2	30.65	10.7	39.2	—	—	—
8	29.69	6.5	40.5	29.69	6.5	40.5	—	—	—
Sales workers, parts	13.79	4.4	38.5	13.79	4.4	38.5	—	—	—
3	9.55	4.8	35.2	9.55	4.8	35.2	—	—	—
4	14.26	5.5	40.1	14.26	5.5	40.1	—	—	—
5	18.47	8.0	40.6	18.47	8.0	40.6	—	—	—
7	16.22	11.5	43.1	16.22	11.5	43.1	—	—	—
Not able to be leveled	14.91	11.7	39.4	14.91	11.7	39.4	—	—	—
Sales workers, other commodities	11.73	5.9	29.9	11.73	5.9	29.9	\$9.15	10.7	29.9
1	6.96	1.9	22.3	6.96	1.9	22.3	—	—	—
2	7.68	1.4	27.3	7.68	1.4	27.3	—	—	—
3	8.80	2.5	28.9	8.80	2.5	28.8	—	—	—
4	10.97	3.4	32.2	10.97	3.4	32.2	—	—	—
5	16.20	8.7	36.1	16.20	8.7	36.1	—	—	—
6	17.56	5.4	39.6	17.56	5.4	39.6	—	—	—
7	29.09	8.6	39.6	29.12	8.6	39.6	—	—	—
11	49.13	17.4	44.9	49.13	17.4	44.9	—	—	—
Not able to be leveled	13.55	11.2	37.5	13.55	11.2	37.5	—	—	—
Sales counter clerks	8.93	8.9	29.5	8.92	8.9	29.5	—	—	—
1	6.95	6.6	25.7	6.95	6.6	25.7	—	—	—
2	6.93	3.8	26.6	6.93	3.8	26.6	—	—	—

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 July 2002—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 counter clerks—Continued									
3	\$8.15	6.2	28.5	\$8.15	6.2	28.5	—	—	—
4	10.83	7.6	35.8	10.83	7.6	35.8	—	—	—
5	13.23	11.9	39.8	13.29	12.5	39.8	—	—	—
Not able to be leveled	13.09	14.9	38.9	13.09	14.9	38.9	—	—	—
Cashiers	8.19	1.4	28.8	8.14	1.4	28.8	\$11.59	4.6	32.9
1	7.12	1.6	27.1	7.12	1.6	27.1	7.36	7.9	25.7
2	7.40	1.8	28.0	7.38	1.8	28.0	9.58	1.6	28.3
3	8.76	2.0	30.5	8.67	2.0	30.4	11.61	6.0	32.9
4	12.53	1.6	35.4	12.47	1.6	35.3	13.91	3.7	39.5
5	17.12	4.0	37.5	17.47	2.0	37.3	—	—	—
Not able to be leveled	7.79	3.5	25.2	7.79	3.5	25.2	—	—	—
Street and door-to-door sales workers	14.87	31.1	26.3	14.87	31.1	26.3	—	—	—
4	24.40	30.7	27.9	24.40	30.7	27.9	—	—	—
News vendors	8.00	8.6	20.7	8.00	8.6	20.7	—	—	—
Demonstrators, promoters, and models, sales ..	23.26	28.5	26.7	23.28	28.4	26.7	—	—	—
1	7.74	3.6	22.1	7.73	3.7	22.3	—	—	—
3	9.89	5.4	34.9	9.89	5.4	34.9	—	—	—
4	12.89	6.9	25.3	12.89	6.9	25.3	—	—	—
Not able to be leveled	9.59	8.8	27.2	9.59	8.8	27.2	—	—	—
Sales support, n.e.c.	13.98	7.7	34.6	13.98	7.7	34.6	—	—	—
1	8.36	11.0	26.3	8.36	11.0	26.3	—	—	—
2	8.26	3.0	28.9	8.26	3.0	28.9	—	—	—
3	10.01	6.0	29.0	10.01	6.0	29.0	—	—	—
4	12.78	7.3	37.3	12.78	7.3	37.3	—	—	—
5	17.86	12.4	39.0	17.87	12.5	39.0	—	—	—
6	16.16	8.1	41.1	16.16	8.1	41.1	—	—	—
7	24.48	8.7	43.4	24.48	8.7	43.4	—	—	—
8	22.60	6.5	40.0	22.60	6.6	40.0	—	—	—
Administrative support, including clerical	13.41	.5	36.4	13.33	.6	36.3	13.79	1.3	36.6
1	8.59	2.3	27.3	8.52	2.0	27.0	8.99	6.6	28.9
2	9.89	1.1	33.6	9.84	1.3	33.8	10.20	1.7	32.4
3	11.17	.7	35.8	11.09	.8	35.7	11.57	1.3	36.2
4	13.14	.8	37.2	13.13	.9	37.2	13.16	1.4	37.2
5	15.38	.6	38.4	15.34	.7	38.6	15.53	1.1	37.6
6	17.03	1.5	38.8	17.34	1.7	38.9	16.07	1.9	38.4
7	19.62	1.2	38.7	19.74	1.4	38.6	19.20	2.6	38.9
8	20.93	3.0	39.6	21.53	2.8	39.6	19.22	5.2	39.5
9	24.33	2.2	38.5	24.52	2.4	38.5	22.61	5.1	38.3
10	27.74	6.0	38.5	28.86	6.1	38.3	—	—	—
11	46.29	15.1	36.8	46.44	15.2	36.8	—	—	—
Not able to be leveled	14.08	4.0	36.5	13.98	4.2	36.5	16.88	2.7	35.6
Supervisors, general office	17.86	3.1	38.9	17.81	3.4	38.8	18.09	2.9	39.4
4	13.26	3.5	40.9	13.21	3.6	40.9	—	—	—
5	14.28	7.9	38.2	14.24	8.4	38.3	14.69	11.9	37.8
6	16.73	3.7	39.3	16.81	3.9	39.1	16.34	8.3	40.0
7	18.37	1.6	40.0	17.97	1.9	40.3	19.27	4.6	39.3
8	20.39	5.9	39.5	21.85	6.0	39.3	17.96	5.0	39.6
9	23.60	1.8	40.3	23.58	1.7	40.5	—	—	—
Not able to be leveled	17.15	12.1	39.5	17.12	12.0	39.5	—	—	—
Supervisors, computer equipment operators	19.12	9.5	40.0	18.09	13.7	40.3	—	—	—
Supervisors, financial records processing	19.72	2.4	38.9	19.70	2.5	39.0	20.08	5.6	37.7
5	16.35	3.9	39.7	16.34	4.0	39.7	—	—	—
6	20.29	15.5	39.3	20.32	15.7	39.3	—	—	—
7	18.72	3.0	39.7	18.74	3.2	39.9	18.38	7.5	37.1
8	20.58	4.0	39.8	20.50	4.5	40.0	—	—	—
9	25.62	4.6	35.6	25.97	5.3	35.4	22.18	15.9	37.7
Not able to be leveled	17.76	7.7	39.6	17.76	7.7	39.6	—	—	—
Chief communications operators	20.59	6.5	40.0	21.85	11.7	40.0	20.13	7.7	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 July 2002—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									
Chief communications operators—Continued									
6	\$18.65	3.6	40.0	—	—	—	—	—	—
7	20.09	10.4	40.0	—	—	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks									
4	19.76	4.4	39.9	\$19.82	5.2	40.0	\$19.50	10.5	39.6
5	12.01	7.7	38.4	11.80	7.9	38.6	—	—	—
6	15.61	9.6	40.3	15.15	8.5	40.7	—	—	—
7	17.77	9.4	41.7	16.53	6.1	42.5	—	—	—
8	19.26	8.7	40.5	19.37	9.0	40.5	—	—	—
9	21.17	5.0	40.0	21.00	6.9	40.0	—	—	—
Not able to be leveled	26.35	6.5	40.8	26.35	6.5	40.8	—	—	—
Computer operators	25.18	13.6	37.4	25.22	13.9	37.4	—	—	—
3	15.90	2.7	38.7	16.14	2.5	38.6	15.32	8.3	39.0
4	12.08	4.2	38.1	12.08	4.2	38.4	—	—	—
5	15.01	4.9	37.8	15.06	5.5	38.0	14.43	6.2	35.2
6	15.24	4.9	39.3	15.56	3.5	39.4	14.60	11.1	39.2
7	16.82	5.1	39.7	17.59	4.1	39.6	14.34	11.5	39.9
Not able to be leveled	17.24	11.2	39.4	20.21	6.9	39.6	16.15	13.6	39.4
Peripheral equipment operators	17.52	2.8	36.6	17.53	2.8	36.6	—	—	—
4	14.06	9.8	39.2	14.02	11.7	39.4	—	—	—
5	13.11	5.5	39.1	13.13	6.7	38.6	—	—	—
Secretaries	14.77	1.2	37.5	14.84	1.4	37.2	14.55	2.9	38.2
2	10.74	3.7	34.0	10.75	4.7	33.8	10.68	4.0	34.8
3	11.15	1.8	36.3	10.89	2.4	36.2	12.08	2.8	36.7
4	13.39	1.7	37.5	13.46	1.8	37.1	13.22	2.9	38.7
5	15.96	1.5	38.9	16.07	2.2	39.1	15.61	2.6	38.4
6	16.75	4.0	38.5	17.18	5.3	38.5	15.76	4.3	38.4
7	19.60	2.1	37.4	19.66	2.7	36.8	19.42	2.0	39.2
8	24.53	3.8	39.7	24.53	3.9	39.7	—	—	—
Not able to be leveled	16.24	6.3	35.8	16.04	6.4	35.8	19.05	4.0	35.1
Stenographers	16.68	4.9	33.5	15.60	7.3	32.4	19.13	9.1	36.4
2	9.88	12.2	36.1	11.50	6.2	36.8	—	—	—
4	14.47	2.7	36.1	13.36	3.7	34.9	16.09	5.2	38.1
5	18.03	15.9	31.2	—	—	—	20.26	7.8	33.1
6	21.43	5.7	33.1	21.70	5.7	32.5	20.25	15.6	36.3
7	27.40	12.4	38.8	—	—	—	33.89	12.8	38.0
Typists	14.07	1.7	36.4	14.13	4.1	36.5	14.02	1.6	36.3
2	11.18	6.4	31.9	10.12	10.0	32.6	12.25	7.0	31.3
3	12.79	3.1	36.7	12.20	4.3	35.9	13.32	3.2	37.4
4	13.86	3.7	35.9	14.39	6.6	37.6	13.51	2.9	34.9
5	15.85	4.0	38.2	15.99	6.9	35.8	15.82	4.4	38.8
6	16.81	4.5	39.5	18.10	6.9	39.6	—	—	—
Not able to be leveled	15.81	9.7	36.8	15.81	9.7	36.8	—	—	—
Interviewers	11.25	4.4	30.9	11.18	4.8	30.1	11.79	8.6	38.2
3	10.62	5.5	35.7	10.65	6.5	34.9	10.48	2.5	39.9
4	12.81	4.1	34.0	12.81	4.2	34.2	12.78	9.6	32.6
5	11.98	3.8	36.6	11.82	3.8	36.4	—	—	—
6	12.26	6.3	40.0	12.26	6.3	40.0	—	—	—
Not able to be leveled	12.39	6.1	38.5	12.39	6.1	38.5	—	—	—
Hotel clerks	8.71	2.4	35.9	8.71	2.4	35.9	—	—	—
1	7.37	4.2	31.7	7.37	4.2	31.7	—	—	—
2	7.95	2.8	36.2	7.95	2.8	36.2	—	—	—
3	9.07	2.2	35.8	9.07	2.2	35.8	—	—	—
4	11.02	3.5	39.3	11.02	3.5	39.3	—	—	—
5	12.51	6.0	39.5	12.69	6.2	39.5	—	—	—
Not able to be leveled	8.28	3.2	35.6	8.28	3.2	35.6	—	—	—
Transportation ticket and reservation agents	13.74	5.3	35.9	13.60	5.4	35.9	—	—	—
1	9.33	15.5	38.0	9.33	15.5	38.3	—	—	—
2	10.39	5.9	32.2	10.39	5.9	32.2	—	—	—

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 July 2002—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									
Transportation ticket and reservation agents—Continued									
3	\$12.23	11.7	37.4	\$11.53	11.7	37.2	—	—	—
4	13.92	9.2	34.4	13.91	9.2	34.4	—	—	—
5	15.73	4.0	34.9	15.73	4.0	34.9	—	—	—
6	17.47	8.0	38.2	17.47	8.0	38.2	—	—	—
7	20.23	4.4	40.0	20.23	4.4	40.0	—	—	—
Receptionists	10.62	2.1	33.6	10.61	2.1	33.5	\$10.75	4.4	34.5
1	7.98	2.8	22.6	7.97	2.8	22.5	8.64	5.0	27.1
2	9.82	2.8	31.9	9.84	2.9	31.9	9.31	5.6	33.4
3	11.18	2.0	37.7	11.19	2.1	37.7	10.83	6.8	38.5
4	12.09	4.0	37.4	12.05	4.4	37.8	13.13	9.2	28.3
5	13.94	10.2	38.5	13.94	10.2	38.5	—	—	—
Not able to be leveled	9.63	7.1	27.7	9.63	7.1	27.7	—	—	—
Information clerks, n.e.c.	12.16	2.8	37.0	11.99	3.0	37.0	15.26	5.0	36.4
1	9.70	5.2	34.6	9.70	5.2	34.6	—	—	—
2	9.46	4.4	33.8	9.46	4.4	33.8	—	—	—
3	11.14	3.6	35.7	10.88	3.1	35.7	15.95	14.2	35.9
4	12.49	2.8	39.1	12.47	2.9	39.0	12.78	5.9	39.7
5	13.62	5.0	39.2	13.34	5.0	39.3	16.31	6.0	38.1
6	18.14	7.1	39.1	18.09	8.2	39.2	—	—	—
7	16.63	4.7	37.2	16.73	6.0	39.9	—	—	—
Not able to be leveled	12.98	7.7	39.2	12.98	7.7	39.2	—	—	—
Classified ad clerks	10.63	15.1	38.2	10.63	15.1	38.2	—	—	—
Correspondence clerks	13.02	2.0	39.0	13.11	2.2	39.0	—	—	—
2	12.50	4.1	39.6	12.50	4.1	39.6	—	—	—
3	11.44	5.7	40.0	11.72	4.9	40.0	—	—	—
4	12.57	5.3	37.4	12.57	5.3	37.4	—	—	—
5	14.78	6.8	40.0	14.78	6.8	40.0	—	—	—
Not able to be leveled	14.43	6.5	37.5	14.43	6.5	37.5	—	—	—
Order clerks	13.20	1.9	37.4	13.18	1.9	37.4	15.21	10.9	39.8
1	9.42	6.2	31.3	9.42	6.2	31.3	—	—	—
2	9.51	2.6	34.5	9.51	2.6	34.5	—	—	—
3	11.31	2.8	36.2	11.28	2.8	36.2	—	—	—
4	13.99	2.1	38.9	14.00	2.2	38.9	13.39	21.2	39.6
5	15.77	4.4	39.5	15.72	4.2	39.5	—	—	—
6	17.60	8.0	39.9	17.58	8.0	39.9	—	—	—
7	19.68	5.7	39.7	19.72	5.8	39.7	—	—	—
Not able to be leveled	12.02	6.2	35.8	12.02	6.2	35.8	—	—	—
Personnel clerks, except payroll and timekeeping	14.75	3.4	39.1	15.03	3.1	39.2	13.76	9.2	39.1
2	8.74	4.4	39.4	—	—	—	—	—	—
3	10.84	5.8	37.7	11.20	5.5	37.0	—	—	—
4	13.13	5.8	38.8	13.85	2.2	39.2	10.84	15.5	37.7
5	14.21	7.0	39.3	14.21	8.3	39.3	14.24	4.3	39.3
6	16.87	5.4	39.5	17.32	3.9	39.4	15.74	13.6	39.9
7	18.67	5.5	40.0	19.92	2.2	39.9	16.32	7.3	40.0
Not able to be leveled	13.54	9.1	38.3	13.54	9.1	38.3	—	—	—
Library clerks	11.69	2.8	29.7	11.85	7.4	29.0	11.64	3.3	29.9
1	7.62	3.5	16.4	—	—	—	7.80	3.2	17.4
2	10.19	5.6	27.2	11.45	9.5	25.5	9.94	5.9	27.5
3	11.32	5.7	31.9	9.43	13.8	31.6	11.72	5.5	31.9
4	12.24	5.8	34.4	13.45	12.0	34.7	12.04	6.3	34.3
5	13.44	6.1	32.6	—	—	—	13.28	6.3	32.1
6	15.43	5.6	37.2	13.53	6.2	39.4	16.37	5.3	36.2
Not able to be leveled	13.16	9.1	27.3	12.91	8.7	27.4	—	—	—
File clerks	9.92	2.2	32.9	9.89	2.2	32.7	10.48	6.3	36.8
1	8.43	5.8	24.0	8.44	5.9	24.0	—	—	—
2	9.71	3.2	36.8	9.74	3.4	36.7	8.90	11.6	39.1

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 July 2002—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									
File clerks—Continued									
3	\$11.40	4.5	28.2	\$11.41	4.9	27.6	\$11.27	6.0	36.7
4	10.47	10.0	39.2	10.43	11.1	39.4	—	—	—
Not able to be leveled	10.33	9.0	39.4	10.33	9.0	39.4	—	—	—
Records clerks, n.e.c.	12.95	2.2	38.3	12.88	2.5	38.3	13.25	3.8	37.9
1	8.53	7.8	37.7	8.70	10.0	37.1	—	—	—
2	9.77	5.6	38.2	9.64	6.6	38.2	10.36	6.4	38.2
3	10.93	2.9	37.0	11.10	3.0	37.0	10.00	3.7	36.9
4	13.44	3.1	38.3	13.10	3.3	38.8	14.45	7.0	37.1
5	15.18	5.4	38.8	15.74	5.1	38.5	13.64	8.6	39.8
6	15.10	3.7	39.0	15.41	3.9	39.2	14.71	6.1	38.8
7	17.23	4.0	38.6	17.65	5.2	38.9	15.74	3.3	37.6
Not able to be leveled	12.89	4.7	38.9	12.90	4.6	38.9	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.62	1.5	37.0	13.52	1.6	36.8	14.41	2.3	38.6
2	9.77	3.2	35.9	9.74	3.3	35.9	—	—	—
3	10.95	2.0	34.6	10.90	2.0	34.4	11.58	5.4	37.1
4	12.95	1.7	37.0	12.90	1.9	36.8	13.32	2.6	38.5
5	14.78	2.3	38.4	14.72	2.5	38.3	15.26	2.6	39.2
6	16.32	3.3	38.3	16.47	4.1	38.0	15.78	3.6	39.4
7	22.32	9.1	38.9	22.85	10.2	39.0	19.95	7.2	38.6
Not able to be leveled	14.51	5.6	37.7	14.49	5.7	37.7	—	—	—
Payroll and timekeeping clerks	15.17	2.6	35.1	14.98	2.7	34.7	16.84	4.5	39.0
2	10.09	5.9	29.5	10.09	5.9	29.5	—	—	—
3	12.99	5.2	30.0	13.07	5.3	29.7	—	—	—
4	14.09	5.1	35.8	13.75	5.8	35.4	16.39	6.8	38.8
5	16.61	6.4	39.6	16.86	8.1	39.5	15.78	2.5	40.0
6	17.96	4.6	39.7	17.68	5.1	39.7	—	—	—
7	20.92	4.2	28.8	21.04	4.7	28.2	—	—	—
Not able to be leveled	13.82	10.5	37.7	13.82	10.5	37.7	—	—	—
Billing clerks	12.11	3.5	37.1	12.07	3.7	37.1	12.90	8.1	36.5
2	9.70	2.9	38.2	9.79	3.3	38.1	—	—	—
3	11.19	6.5	33.6	11.12	6.7	33.3	12.75	11.2	40.0
4	12.61	2.7	38.0	12.59	2.8	38.3	13.26	12.5	28.5
5	14.72	3.6	37.9	14.61	3.8	37.7	15.96	4.8	40.0
6	17.61	4.6	39.0	18.19	3.3	38.8	—	—	—
7	17.15	4.9	37.4	17.25	4.9	37.3	—	—	—
Cost and rate clerks	14.76	23.1	40.2	14.76	23.1	40.2	—	—	—
5	15.27	2.2	41.2	15.27	2.2	41.2	—	—	—
Billing, posting, and calculating machine operators	11.95	4.7	33.3	11.96	4.7	33.3	—	—	—
2	9.50	4.2	32.0	9.50	4.2	32.0	—	—	—
3	9.53	2.6	30.0	9.53	2.6	30.0	—	—	—
4	13.74	15.6	34.3	13.78	15.7	34.3	—	—	—
5	14.36	18.1	38.4	14.36	18.1	38.4	—	—	—
Duplicating machine operators	11.27	6.4	38.3	11.51	4.0	37.4	10.89	13.7	39.9
1	8.95	2.4	37.4	9.00	3.9	35.8	—	—	—
2	11.09	12.2	34.1	11.09	12.2	34.1	—	—	—
3	10.92	8.5	39.9	11.84	9.9	40.0	—	—	—
Mail preparing and paper handling machine operators	11.32	6.5	38.0	11.32	6.5	38.0	—	—	—
2	11.81	12.5	38.4	11.81	12.5	38.4	—	—	—
3	12.86	6.3	39.7	12.86	6.3	39.7	—	—	—
Office machine operators, n.e.c.	10.24	5.4	38.6	10.15	5.7	39.2	—	—	—
2	9.63	6.8	34.1	9.63	6.8	34.1	—	—	—
3	10.57	1.7	38.8	—	—	—	—	—	—
Telephone operators	12.57	4.2	34.6	12.60	4.4	34.5	12.26	5.7	36.1
1	9.79	4.8	31.9	9.79	4.8	32.0	—	—	—
2	11.65	8.5	34.3	11.68	8.6	34.5	10.56	9.5	28.5
3	11.79	5.9	36.1	12.07	6.3	35.6	9.66	8.7	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 July 2002—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									
Telephone operators—Continued									
4	\$16.49	3.1	35.6	\$16.45	3.3	35.4	—	—	—
5	16.76	4.2	39.5	—	—	—	—	—	—
Not able to be leveled	11.29	11.0	21.4	11.29	11.0	21.4	—	—	—
Communications equipment operators, n.e.c.	10.94	12.7	31.2	10.38	14.3	30.8	\$13.70	8.1	32.9
4	14.76	11.7	39.0	17.25	15.5	39.6	—	—	—
Mail clerks, except postal service	11.32	5.8	35.0	11.45	6.0	34.6	9.78	13.3	39.3
1	8.40	3.4	32.5	8.47	3.7	31.3	—	—	—
2	10.38	3.8	33.9	10.42	3.8	33.8	—	—	—
3	11.81	7.8	35.6	11.73	8.7	35.4	12.62	10.0	38.0
4	15.67	14.6	37.6	15.73	15.0	37.5	—	—	—
Not able to be leveled	10.77	4.9	36.7	10.77	4.9	36.7	—	—	—
Messengers	9.25	6.8	29.8	8.85	4.9	29.4	13.45	17.6	35.1
1	8.91	11.7	27.4	8.34	4.9	26.9	15.42	18.2	35.0
2	8.68	11.2	21.4	8.60	13.3	19.6	—	—	—
3	9.57	14.5	38.5	—	—	—	—	—	—
Dispatchers	15.36	3.8	39.1	14.97	3.2	39.5	15.81	6.9	38.7
2	10.61	7.6	38.1	9.15	4.8	39.4	12.47	11.0	36.5
3	12.61	6.6	37.7	12.42	7.5	38.5	12.90	8.2	36.5
4	12.65	3.6	39.0	12.43	3.9	39.3	12.90	7.1	38.7
5	17.03	3.5	39.7	17.87	4.9	39.7	16.05	6.3	39.8
6	17.83	5.1	39.5	18.48	5.2	41.1	16.94	7.3	37.6
7	21.89	8.9	40.0	19.20	12.7	40.0	23.21	11.9	40.0
Not able to be leveled	18.76	9.9	37.3	19.02	13.3	36.6	—	—	—
Production coordinators	17.17	3.3	39.0	17.13	3.3	39.0	21.24	18.0	39.6
2	9.12	7.4	29.1	9.12	7.4	29.1	—	—	—
3	13.07	6.9	37.3	13.07	6.9	37.3	—	—	—
4	14.31	2.6	40.1	14.33	2.6	40.1	—	—	—
5	16.20	4.6	39.5	16.24	4.7	39.5	—	—	—
6	18.90	7.8	39.8	18.79	8.1	39.8	—	—	—
7	20.27	2.8	40.0	20.27	2.8	40.0	—	—	—
Not able to be leveled	18.69	5.8	40.0	18.69	5.8	40.0	—	—	—
Traffic, shipping and receiving clerks	12.72	2.9	38.4	12.70	2.9	38.4	14.46	7.7	38.6
1	9.08	3.9	39.4	9.08	3.9	39.4	—	—	—
2	10.18	3.5	33.2	10.18	3.5	33.2	—	—	—
3	10.75	2.8	39.4	10.74	2.8	39.4	—	—	—
4	13.43	2.3	38.2	13.44	2.3	38.2	—	—	—
5	15.96	5.6	39.0	15.99	6.3	39.0	—	—	—
6	18.43	2.9	39.3	18.43	2.9	39.3	—	—	—
7	19.28	3.1	40.1	19.28	3.1	40.1	—	—	—
Not able to be leveled	12.67	11.4	39.8	12.67	11.4	39.8	—	—	—
Stock and inventory clerks	12.40	1.9	37.0	12.32	2.1	36.8	13.18	4.4	38.7
1	9.33	7.2	29.7	9.43	7.8	28.9	—	—	—
2	9.93	2.4	36.1	9.91	2.4	36.0	10.13	6.2	38.5
3	11.91	3.5	36.4	11.97	3.8	36.3	11.12	7.2	38.3
4	13.16	3.0	39.2	13.05	3.3	39.3	13.81	6.0	38.8
5	14.45	4.3	39.2	14.25	4.4	39.3	15.41	8.7	38.7
6	17.55	4.3	39.1	17.37	4.3	39.4	—	—	—
7	19.46	6.2	39.8	20.07	7.0	39.9	—	—	—
Not able to be leveled	12.22	16.1	37.6	12.17	16.3	37.5	—	—	—
Meter readers	16.27	4.5	38.9	16.48	5.9	38.6	15.76	6.6	39.6
1	13.14	18.6	39.2	—	—	—	—	—	—
2	12.77	15.3	40.0	12.71	17.5	40.0	—	—	—
3	16.14	6.4	39.7	16.62	10.0	40.0	15.66	8.4	39.3
4	17.92	4.5	40.0	18.87	4.5	40.0	13.73	10.2	40.0
5	17.12	15.3	39.9	18.64	16.9	40.0	—	—	—
Weighers, measurers, checkers, and samplers	14.97	7.5	38.2	14.95	7.7	39.9	—	—	—
2	10.85	9.6	29.0	—	—	—	—	—	—
3	15.96	9.0	38.8	15.92	9.3	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 July 2002—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									
Weighers, measurers, checkers, and samplers—Continued									
4	\$12.38	14.1	40.0	\$12.38	14.1	40.0	—	—	—
Expeditors	14.74	3.6	37.7	14.63	3.4	37.7	—	—	—
3	13.43	12.7	34.7	13.43	12.7	34.7	—	—	—
4	13.09	8.9	39.5	13.09	8.9	39.5	—	—	—
5	16.08	4.4	39.0	15.69	4.1	39.1	—	—	—
Not able to be leveled	13.90	7.5	37.7	13.90	7.5	37.7	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.									
1	13.31	9.1	38.7	13.26	9.2	38.6	\$16.45	8.2	40.0
3	7.75	13.8	30.6	7.75	13.8	30.6	—	—	—
4	12.22	14.1	38.9	12.09	14.5	38.8	—	—	—
5	13.61	5.3	37.4	13.52	5.5	37.4	—	—	—
6	17.14	6.1	39.5	16.86	6.2	39.5	—	—	—
7	21.03	1.3	39.8	21.03	1.3	39.8	—	—	—
Not able to be leveled	16.21	27.3	39.3	16.21	27.3	39.3	—	—	—
Insurance adjusters, examiners, and investigators									
3	18.96	8.4	38.0	19.01	8.5	38.0	15.42	7.0	40.0
4	11.98	3.9	38.1	11.93	3.9	38.1	—	—	—
5	13.19	1.5	37.0	13.19	1.5	37.0	—	—	—
6	14.46	4.1	38.9	14.45	4.6	38.8	—	—	—
7	16.82	2.2	38.2	16.82	2.2	38.2	—	—	—
8	21.89	7.3	39.0	21.89	7.4	39.0	—	—	—
9	21.02	5.7	38.4	21.02	5.7	38.4	—	—	—
11	25.27	6.2	38.0	25.41	6.5	38.0	—	—	—
Not able to be leveled	46.23	17.1	37.2	46.23	17.1	37.2	—	—	—
Investigators and adjusters, except insurance	22.71	20.6	37.7	22.71	20.6	37.7	—	—	—
2	14.74	2.2	38.5	14.67	2.3	38.5	17.68	4.8	40.0
3	12.41	17.3	34.5	12.43	17.3	34.5	—	—	—
4	11.44	5.6	38.1	11.45	5.6	38.1	—	—	—
5	13.56	2.8	37.7	13.53	2.9	37.7	15.20	7.2	39.8
6	16.16	4.4	39.3	16.15	4.5	39.3	16.42	9.7	40.0
7	18.24	4.4	39.9	18.26	4.5	39.9	17.67	7.0	40.0
8	19.20	5.4	39.8	19.05	5.9	39.7	—	—	—
Not able to be leveled	20.34	1.8	39.9	20.34	1.8	39.9	—	—	—
Eligibility clerks, social welfare	14.68	3.2	39.1	14.68	3.2	39.1	—	—	—
3	14.90	3.2	38.8	12.23	2.8	39.2	16.04	3.1	38.6
4	10.55	5.8	39.2	9.65	5.2	39.9	12.27	4.0	38.0
5	12.58	3.8	38.9	11.99	4.8	38.7	13.32	4.7	39.2
6	16.44	9.4	39.0	12.52	6.4	40.0	17.11	10.6	38.8
7	15.96	2.1	39.2	—	—	—	16.10	2.0	39.1
Not able to be leveled	17.68	4.5	39.3	—	—	—	17.97	4.2	39.2
Bill and account collectors	14.95	10.2	37.2	—	—	—	—	—	—
2	13.32	3.8	37.4	13.18	4.0	37.2	15.64	4.0	39.6
3	9.01	5.3	36.4	9.01	5.3	36.4	—	—	—
4	10.69	7.5	36.1	10.66	7.5	36.0	—	—	—
5	12.84	4.4	36.8	12.75	4.5	36.7	—	—	—
6	14.89	5.1	38.3	14.73	5.7	38.2	16.15	4.2	39.8
7	14.07	3.9	39.9	14.20	5.0	39.9	—	—	—
Not able to be leveled	18.79	5.2	36.4	18.75	5.5	36.2	—	—	—
General office clerks	16.03	11.2	39.7	16.03	11.2	39.7	—	—	—
1	12.52	1.1	35.9	12.32	1.3	35.4	13.04	1.4	37.4
2	8.34	6.3	28.9	8.74	6.3	29.7	6.45	11.6	25.9
3	10.02	1.6	32.6	9.90	2.0	32.2	10.58	2.6	34.2
4	11.34	2.2	35.8	11.29	2.9	35.1	11.51	2.6	38.1
5	13.02	1.4	36.8	12.92	2.0	36.2	13.22	2.1	38.3
6	15.33	2.2	38.0	15.42	3.5	38.1	15.18	2.3	38.0
7	16.93	4.7	39.0	18.31	3.7	38.9	15.48	5.6	39.1
Not able to be leveled	18.61	2.7	38.6	18.75	3.3	38.5	17.92	5.9	38.8

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 July 2002—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									
General office clerks—Continued									
Not able to be leveled	\$12.47	6.5	38.1	\$12.06	4.8	38.3	\$16.88	11.4	35.9
Bank tellers	10.00	1.3	33.7	10.00	1.3	33.7	—	—	—
1	8.74	7.6	26.6	8.74	7.6	26.6	—	—	—
2	8.87	2.5	32.5	8.87	2.5	32.5	—	—	—
3	9.92	1.5	32.6	9.92	1.5	32.6	—	—	—
4	10.94	2.9	36.4	10.94	2.9	36.4	—	—	—
5	12.88	8.0	37.7	12.88	8.0	37.7	—	—	—
Not able to be leveled	10.14	2.1	34.5	10.14	2.1	34.5	—	—	—
Proofreaders	14.20	15.4	36.9	12.15	9.4	36.2	—	—	—
4	13.56	8.0	36.7	13.56	8.0	36.7	—	—	—
Data entry keyers	12.06	2.1	36.4	11.99	2.5	35.9	12.40	3.0	39.2
1	9.56	9.0	27.0	8.57	3.1	20.6	—	—	—
2	10.41	1.8	35.6	10.34	1.9	35.2	11.01	3.5	39.3
3	11.29	2.7	36.9	11.03	2.9	36.7	12.94	2.3	38.6
4	14.39	4.1	36.5	14.79	4.5	35.7	12.94	6.4	39.8
5	14.64	7.6	39.6	15.04	8.6	39.6	—	—	—
Not able to be leveled	12.86	7.8	39.0	12.86	7.8	39.0	—	—	—
Statistical clerks	13.49	4.3	38.9	13.82	5.2	38.8	11.42	11.8	39.9
2	13.04	13.3	38.9	13.17	14.3	38.8	—	—	—
3	10.40	6.6	39.8	10.77	5.2	39.8	—	—	—
4	13.94	5.4	38.6	14.50	7.0	38.4	10.80	5.6	40.0
5	16.22	6.1	39.4	16.35	6.1	39.4	—	—	—
6	14.04	7.4	39.2	14.04	7.4	39.2	—	—	—
Not able to be leveled	16.61	26.3	33.7	16.61	26.3	33.7	—	—	—
Teachers' aides	10.94	1.3	31.2	9.74	4.1	28.2	11.06	1.4	31.5
1	9.70	4.7	27.1	8.51	12.2	21.7	10.13	5.6	29.8
2	9.65	1.9	30.9	9.29	7.5	31.4	9.68	1.9	30.8
3	10.58	1.9	33.5	10.65	11.9	29.3	10.58	1.9	33.7
4	11.72	3.1	30.1	10.26	5.3	26.5	11.95	3.5	30.8
5	16.60	3.3	27.3	10.86	4.8	33.1	16.79	3.4	27.1
6	15.53	6.8	29.3	13.40	6.8	37.5	15.72	7.3	28.8
Administrative support, n.e.c.	13.60	1.4	35.2	13.45	1.6	34.9	14.30	2.7	37.1
1	8.14	6.8	22.2	8.10	7.1	22.1	8.89	5.3	24.6
2	11.86	15.7	33.6	11.83	16.8	34.0	12.11	8.5	30.2
3	10.76	3.3	33.7	10.61	3.7	33.3	11.62	7.6	36.5
4	12.83	1.9	36.3	12.93	2.1	36.0	12.41	2.7	37.8
5	14.48	2.6	38.4	14.26	3.3	38.5	15.07	3.3	38.3
6	16.85	1.8	38.5	17.06	2.1	38.3	16.04	4.4	39.5
7	19.77	3.1	38.6	20.04	3.9	39.1	18.95	2.6	37.1
Not able to be leveled	14.09	2.4	34.0	13.85	2.7	33.9	15.99	4.6	35.3
Blue collar	14.51	.9	38.2	14.39	.9	38.2	16.59	1.2	37.6
1	8.51	1.5	33.9	8.46	1.5	33.8	10.74	4.9	36.4
2	10.24	1.5	37.2	10.18	1.6	37.2	12.03	2.2	35.2
3	12.85	1.6	38.5	12.82	1.6	38.8	13.48	4.4	34.2
4	14.29	1.1	39.2	14.23	1.2	39.4	15.10	2.5	36.4
5	15.73	1.0	39.7	15.70	1.1	39.8	16.00	1.9	38.4
6	18.02	1.4	40.2	18.06	1.6	40.3	17.52	3.2	39.8
7	21.46	.7	39.9	21.54	.8	39.9	20.66	2.0	39.8
8	25.10	2.3	40.2	25.15	2.5	40.2	24.44	3.3	39.7
9	27.21	2.6	40.1	27.28	2.7	40.1	26.40	5.0	40.0
10	31.72	7.7	41.3	31.75	8.3	41.4	—	—	—
Not able to be leveled	14.24	2.9	38.7	14.24	2.9	38.7	13.26	11.3	39.3
Precision production, craft, and repair	18.20	1.1	39.6	18.15	1.2	39.6	18.91	1.9	39.8
1	8.91	3.9	38.9	8.91	3.9	38.9	—	—	—
2	10.41	2.9	38.3	10.39	3.0	38.2	11.16	8.3	40.0
3	11.55	2.6	38.9	11.52	2.7	38.8	12.22	3.7	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 July 2002–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									
4	\$13.51	1.8	39.3	\$13.49	1.9	39.3	\$13.83	5.0	39.4
5	15.39	1.6	39.5	15.38	1.7	39.4	15.43	2.8	39.7
6	18.03	2.0	40.0	18.02	2.2	40.0	18.10	2.8	39.8
7	21.65	.8	39.9	21.75	1.0	39.9	20.77	2.4	39.9
8	25.40	2.7	40.2	25.47	2.9	40.2	24.45	3.6	39.6
9	26.71	2.5	39.9	26.72	2.6	39.9	26.59	6.0	40.0
10	31.65	7.8	41.4	31.66	8.3	41.4	–	–	–
Not able to be leveled	16.48	4.2	39.7	16.49	4.2	39.7	14.67	7.8	40.0
Supervisors, mechanics and repairers	22.74	3.1	40.9	22.70	3.4	41.0	23.11	4.4	39.8
5	15.92	19.8	40.9	15.93	19.8	41.0	–	–	–
6	19.59	7.2	40.7	18.64	8.3	40.9	27.23	10.7	39.5
7	20.82	4.5	41.4	20.87	5.0	41.7	20.47	6.7	39.8
8	26.00	4.1	40.7	26.09	4.4	40.7	25.13	7.2	40.0
9	28.50	2.3	40.3	29.02	2.0	40.4	24.96	9.7	40.0
Not able to be leveled	25.60	10.9	38.7	25.60	10.9	38.7	–	–	–
Automobile mechanics	17.27	3.8	40.1	17.02	3.8	40.2	19.70	9.6	39.8
2	9.02	4.6	39.0	9.02	4.6	39.0	–	–	–
4	14.46	11.8	37.3	14.81	11.8	37.1	–	–	–
5	15.34	6.4	40.1	15.41	6.7	40.1	13.36	4.7	40.0
6	18.48	6.0	40.1	18.30	6.8	40.3	20.08	9.3	38.7
7	20.57	3.0	40.6	20.39	2.1	40.7	21.22	10.3	39.9
8	24.89	12.6	40.2	–	–	–	–	–	–
Not able to be leveled	16.63	5.7	40.4	16.66	5.9	40.4	–	–	–
Automobile mechanic apprentices	12.08	5.7	40.5	11.95	5.8	40.5	–	–	–
Bus, truck, and stationary engine mechanics	16.47	3.3	39.6	16.22	3.8	39.5	18.26	3.6	39.9
4	15.07	7.0	40.0	14.54	10.3	40.0	–	–	–
5	13.60	2.7	38.4	13.44	2.7	38.3	17.22	4.2	40.0
6	14.77	3.6	40.8	14.50	4.1	40.9	17.33	6.2	40.0
7	19.85	2.5	39.9	19.87	2.9	39.9	19.75	2.2	39.9
Not able to be leveled	18.85	3.9	40.0	18.85	3.9	40.0	–	–	–
Aircraft engine mechanics	25.18	5.3	40.0	25.19	5.3	40.0	–	–	–
5	17.80	5.1	40.0	17.22	6.0	40.0	–	–	–
6	17.58	10.1	40.0	17.58	10.1	40.0	–	–	–
7	25.33	6.3	40.0	25.33	6.3	40.0	–	–	–
8	25.98	11.2	40.0	25.98	11.2	40.0	–	–	–
Small engine repairers	13.57	4.4	39.9	13.53	4.3	39.9	–	–	–
5	13.36	4.1	39.9	13.31	3.9	39.9	–	–	–
6	15.99	11.9	39.5	15.99	11.9	39.5	–	–	–
Automobile body and related repairers	17.49	9.4	39.8	17.48	9.4	39.8	–	–	–
4	15.68	11.8	38.9	15.68	11.8	38.9	–	–	–
5	18.54	19.3	38.9	18.54	19.3	38.9	–	–	–
6	19.91	20.1	40.7	19.94	20.3	40.7	–	–	–
7	16.74	6.8	40.6	16.68	6.8	40.6	–	–	–
Aircraft mechanics, except engine	25.00	6.7	40.0	25.00	6.7	40.0	–	–	–
5	15.91	12.7	40.0	15.91	12.7	40.0	–	–	–
7	27.60	5.0	40.0	27.60	5.0	40.0	–	–	–
9	27.03	6.3	40.0	27.03	6.3	40.0	–	–	–
Heavy equipment mechanics	18.85	4.6	39.7	18.86	5.2	39.6	18.78	5.8	40.0
4	12.94	5.7	40.0	12.94	5.7	40.0	–	–	–
5	13.36	3.5	40.0	13.16	2.7	40.0	14.28	12.8	40.0
6	17.73	2.9	39.9	18.05	4.6	40.0	16.80	12.9	39.8
7	21.40	4.9	39.9	21.48	5.3	39.9	20.91	3.6	40.0
8	22.77	2.6	31.7	–	–	–	–	–	–
Farm equipment mechanics	14.26	6.7	40.9	14.28	6.8	41.0	–	–	–
6	13.59	9.7	40.0	13.59	9.7	40.0	–	–	–
7	15.36	8.2	41.5	15.43	8.6	41.5	–	–	–
Industrial machinery repairers	19.22	2.2	39.8	19.18	2.2	39.8	21.69	8.3	39.9
4	14.35	3.1	39.6	14.33	3.1	39.6	–	–	–
5	15.18	2.0	39.9	15.16	2.0	39.9	16.13	8.9	40.0
6	18.31	3.4	40.0	18.33	3.4	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 July 2002—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									
Industrial machinery repairers—Continued									
7	\$21.12	2.8	39.6	\$21.06	2.8	39.6	\$24.37	6.7	39.9
8	23.52	5.7	39.9	23.32	6.1	39.9	—	—	—
9	24.13	6.7	37.6	24.13	6.7	37.6	—	—	—
Not able to be leveled	19.31	8.8	39.9	19.31	8.8	39.9	—	—	—
Machinery maintenance									
3	14.89	6.3	37.6	14.88	6.6	37.5	15.18	10.9	38.7
4	11.47	17.0	31.2	11.47	17.0	31.2	—	—	—
5	12.24	4.7	39.2	12.34	4.9	39.2	—	—	—
6	16.64	4.9	39.1	16.73	4.9	39.2	—	—	—
7	18.67	9.1	39.6	18.71	9.2	39.6	—	—	—
Not able to be leveled	19.14	4.2	39.5	19.51	4.0	39.4	—	—	—
Not able to be leveled	14.61	29.1	40.0	14.61	29.1	40.0	—	—	—
Electronic repairers, communications and industrial equipment									
3	19.51	4.1	38.7	19.47	4.2	38.6	20.30	8.0	39.9
4	11.56	5.1	34.9	11.56	5.1	34.9	—	—	—
5	12.99	12.3	39.4	12.29	10.8	39.4	—	—	—
6	17.70	8.7	39.9	17.78	9.1	39.9	—	—	—
7	17.64	3.9	40.0	17.84	3.6	40.0	—	—	—
8	22.54	6.9	39.1	22.58	7.6	39.0	21.93	6.9	39.9
9	23.92	8.3	40.0	24.05	8.5	40.0	—	—	—
Not able to be leveled	20.39	10.5	33.0	20.39	10.5	33.0	—	—	—
Not able to be leveled	15.30	6.8	36.8	15.30	6.8	36.8	—	—	—
Data processing equipment repairers									
6	15.52	15.8	39.7	15.40	16.6	39.7	—	—	—
7	13.79	28.3	40.0	13.72	29.2	40.0	—	—	—
7	20.65	6.3	40.0	21.32	6.3	40.0	—	—	—
Household appliance and power tool repairers									
5	15.18	7.1	38.9	15.18	7.1	38.9	—	—	—
7	14.80	7.9	37.4	14.80	7.9	37.4	—	—	—
7	22.39	11.0	38.7	22.39	11.0	38.7	—	—	—
Telephone line installers and repairers									
5	23.36	3.8	40.0	23.49	3.7	40.0	—	—	—
6	23.87	9.1	40.0	24.67	7.6	40.0	—	—	—
7	19.83	12.6	40.0	19.83	12.6	40.0	—	—	—
7	23.98	1.5	40.0	23.98	1.5	40.0	—	—	—
Telephone installers and repairers									
4	22.76	2.4	40.0	22.74	2.6	40.0	—	—	—
7	20.68	13.4	40.0	20.68	13.4	40.0	—	—	—
7	25.03	1.7	40.0	25.12	1.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics									
3	16.46	3.0	39.6	16.39	3.8	39.5	16.98	5.4	39.9
4	11.19	8.6	40.0	11.19	8.6	40.0	—	—	—
5	12.92	6.7	40.0	13.73	3.6	40.0	—	—	—
6	13.17	7.1	39.9	12.56	7.1	39.9	16.16	9.4	40.0
7	17.56	5.4	38.2	17.57	5.7	38.1	17.32	5.0	40.0
Not able to be leveled	18.08	4.5	39.9	18.11	5.6	39.9	17.94	3.6	39.9
Not able to be leveled	17.77	5.4	40.0	17.77	5.4	40.0	—	—	—
Camera, watch, and musical instrument repairers									
Locksmiths and safe repairers	14.85	24.0	40.0	14.85	24.0	40.0	—	—	—
Office machine repairers	14.64	10.5	41.1	13.77	9.1	41.3	—	—	—
5	14.55	8.6	39.9	14.54	8.6	39.9	—	—	—
6	15.05	4.8	39.3	15.05	4.8	39.3	—	—	—
7	14.43	6.7	40.0	14.41	6.8	40.0	—	—	—
7	18.45	3.7	40.0	18.45	3.7	40.0	—	—	—
Mechanical controls and valve repairers									
5	20.83	4.9	39.4	20.94	6.3	40.0	20.52	5.4	37.8
6	20.26	4.8	40.0	19.90	7.3	40.0	20.72	6.7	40.0
7	18.68	3.9	40.0	—	—	—	—	—	—
7	23.81	5.0	40.0	23.88	6.9	40.0	23.71	7.2	40.0
Elevator installers and repairers									
Millwrights	35.81	9.6	40.0	36.02	9.6	40.0	—	—	—
6	21.77	5.5	40.0	21.77	5.5	40.0	—	—	—
7	18.97	11.2	40.0	18.97	11.2	40.0	—	—	—
7	23.04	3.4	39.9	23.05	3.5	39.9	—	—	—
Mechanics and repairers, n.e.c.									
2	15.81	2.9	39.0	15.78	3.3	38.8	16.00	3.1	39.7
2	10.93	24.0	35.5	10.99	24.8	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 July 2002—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									
Mechanics and repairers, n.e.c.—Continued									
3	\$11.38	6.2	39.1	\$10.33	8.1	38.6	\$13.12	6.2	40.0
4	12.21	4.8	39.9	12.15	5.4	39.9	12.68	5.8	39.5
5	13.98	6.7	38.5	13.87	8.3	38.3	14.49	3.9	39.9
6	16.83	4.4	39.9	16.82	5.2	40.0	16.89	4.6	39.8
7	20.15	2.1	38.5	20.21	2.6	38.3	19.88	4.1	39.8
8	23.04	6.4	39.6	22.89	6.6	39.6	—	—	—
9	17.32	3.6	38.9	17.42	3.7	38.9	—	—	—
Supervisors, brickmasons, stonemasons, and tilesetters	20.99	17.5	40.0	—	—	—	—	—	—
Supervisors, carpenters and related workers	24.84	5.9	39.9	24.99	5.9	39.9	—	—	—
7	22.85	8.1	40.4	22.86	8.1	40.4	—	—	—
8	26.57	10.9	40.0	27.03	11.3	40.0	—	—	—
9	27.17	3.8	40.3	27.17	3.8	40.3	—	—	—
Supervisors, electricians and power transmission installers	26.72	5.0	40.0	27.12	5.1	40.0	23.74	10.1	40.0
7	23.56	6.4	40.2	24.38	7.4	40.2	19.60	8.2	40.0
8	25.65	6.5	39.9	25.64	7.0	40.0	—	—	—
9	30.06	8.4	39.5	29.99	9.0	39.4	30.55	6.3	40.1
Not able to be leveled	27.74	8.6	40.0	27.74	8.6	40.0	—	—	—
Supervisors, painters, paperhangers, and plasterers	19.93	13.0	40.9	19.86	13.3	40.9	—	—	—
7	20.08	8.7	41.1	19.95	8.9	41.1	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	25.23	4.7	40.8	24.75	6.6	41.1	26.93	12.2	40.0
7	26.62	6.3	40.0	25.22	12.8	40.0	28.94	12.1	40.0
8	22.47	15.9	40.0	—	—	—	—	—	—
9	27.69	4.2	40.0	28.26	3.9	40.0	—	—	—
Supervisors, construction trades, n.e.c.	21.15	3.6	40.2	21.19	4.3	40.3	20.98	6.6	39.9
5	15.85	5.0	40.0	—	—	—	16.07	8.1	40.0
6	18.60	8.3	39.8	18.99	12.1	39.7	17.90	4.4	39.9
7	19.45	4.2	40.3	19.82	5.3	40.4	17.95	3.9	39.9
8	24.16	4.3	40.0	23.71	4.9	40.1	26.12	6.3	39.9
9	26.70	9.4	40.2	25.75	8.4	40.2	28.95	13.2	40.1
Brickmasons and stonemasons	19.92	7.5	40.0	19.94	7.5	40.0	—	—	—
7	22.30	6.7	40.0	22.34	6.8	40.0	—	—	—
Tile setters, hard and soft	22.47	14.2	40.0	22.47	14.2	40.0	—	—	—
Carpet installers	19.05	12.3	39.0	19.05	12.3	39.0	—	—	—
Carpenters	18.30	3.3	39.7	18.24	3.5	39.7	19.30	6.6	39.4
3	11.32	6.1	40.0	11.32	6.1	40.0	—	—	—
4	12.13	9.6	38.9	12.13	9.9	38.9	—	—	—
5	15.23	2.9	39.9	15.29	2.9	40.0	13.88	8.8	38.1
6	15.75	4.6	40.0	15.74	5.1	40.0	—	—	—
7	21.94	2.5	39.8	22.03	2.9	39.8	20.83	6.8	39.9
8	23.59	6.4	39.6	23.02	6.4	40.0	—	—	—
Not able to be leveled	16.48	14.9	40.0	16.48	14.9	40.0	—	—	—
Carpenter apprentices	17.40	13.6	40.0	17.40	13.6	40.0	—	—	—
4	19.62	18.2	40.0	19.62	18.2	40.0	—	—	—
Drywall installers	20.74	10.2	40.0	20.74	10.2	40.0	—	—	—
5	16.86	16.4	40.0	16.86	16.4	40.0	—	—	—
Electricians	22.33	3.6	39.5	22.53	4.0	39.5	20.51	6.2	39.9
5	13.99	7.5	40.0	13.92	7.6	40.0	15.88	6.0	38.8
6	20.44	5.0	40.0	20.43	5.2	40.0	—	—	—
7	23.73	4.1	39.5	24.21	4.7	39.4	20.58	6.7	39.9
8	29.13	7.4	39.0	29.74	7.7	38.9	23.84	13.6	39.7
9	27.54	5.6	40.0	27.63	5.8	40.0	—	—	—
Not able to be leveled	18.43	4.7	40.0	18.43	4.7	40.0	—	—	—
Electrician apprentices	14.83	4.0	39.9	14.77	4.1	39.9	—	—	—
2	12.03	7.0	39.5	12.03	7.0	39.5	—	—	—
3	12.26	3.8	39.9	12.26	3.8	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 July 2002—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									
Electrician apprentices—Continued									
4	\$14.24	7.0	40.0	\$14.14	7.0	40.0	—	—	—
5	18.59	6.6	39.7	18.49	6.8	39.7	—	—	—
7	20.70	9.2	40.0	20.70	9.2	40.0	—	—	—
Electrical power installers and repairers	24.30	3.8	40.0	24.41	4.5	40.0	\$23.68	5.8	40.0
5	19.57	7.6	40.0	20.06	8.2	40.0	17.11	6.9	40.0
6	18.66	5.5	40.0	18.68	6.2	40.0	—	—	—
7	26.19	3.2	40.0	26.08	3.9	40.0	26.70	2.3	40.0
8	28.48	4.6	40.0	29.30	4.0	40.0	—	—	—
9	30.19	10.1	40.0	32.07	6.4	40.0	—	—	—
Not able to be leveled	22.79	3.2	40.0	22.79	3.2	40.0	—	—	—
Painters, construction and maintenance	13.65	6.5	39.7	13.29	6.0	39.7	18.21	7.9	39.6
2	10.31	10.7	40.0	10.31	10.7	40.0	—	—	—
3	10.86	13.0	39.7	10.86	13.0	39.7	—	—	—
4	12.50	5.3	40.0	12.55	5.6	39.9	—	—	—
5	13.45	10.4	39.7	13.34	11.1	39.7	15.01	7.5	40.0
6	22.84	13.9	38.4	22.88	14.1	38.4	—	—	—
7	22.95	4.1	39.3	24.63	3.9	39.2	21.49	5.2	39.3
Not able to be leveled	12.55	14.5	40.0	12.55	14.5	40.0	—	—	—
Plasterers	15.06	12.6	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	21.27	3.8	39.5	21.45	4.2	39.5	18.80	8.0	39.5
4	13.34	7.8	40.0	13.28	8.5	40.0	—	—	—
5	15.41	7.6	39.9	15.23	8.4	40.0	16.72	12.5	39.2
6	18.25	8.2	39.9	17.72	6.7	40.0	23.45	13.0	38.5
7	22.36	2.3	39.6	22.54	2.4	39.6	19.92	7.6	39.9
8	33.09	13.8	37.5	33.23	14.1	37.5	—	—	—
9	22.74	17.8	40.0	22.74	17.8	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	18.29	12.6	39.5	18.31	12.8	39.5	—	—	—
3	10.82	8.4	37.2	10.82	8.4	37.2	—	—	—
5	14.09	6.3	40.0	14.08	6.6	40.0	—	—	—
Concrete and terrazzo finishers	18.35	9.5	39.4	18.56	9.7	39.4	—	—	—
4	12.31	16.7	40.0	12.31	16.7	40.0	—	—	—
5	16.04	12.6	40.0	16.04	12.6	40.0	—	—	—
7	22.32	7.4	40.0	23.72	2.6	40.0	—	—	—
Glaziers	16.92	5.5	40.0	15.82	6.5	40.0	—	—	—
7	17.86	16.5	40.0	—	—	—	—	—	—
Insulation workers	14.40	5.9	39.8	14.38	5.9	39.8	—	—	—
3	12.48	10.7	39.1	12.48	10.7	39.1	—	—	—
5	14.70	6.5	40.0	14.65	6.6	40.0	—	—	—
6	17.93	4.0	40.0	17.93	4.0	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	15.97	18.1	41.8	16.34	20.4	42.1	13.67	2.6	40.0
4	12.62	7.7	40.0	12.62	7.7	40.0	—	—	—
5	17.28	22.2	43.3	18.29	25.7	44.3	—	—	—
Roofers	14.68	10.3	38.7	14.68	10.3	38.7	—	—	—
6	17.88	12.0	40.0	17.88	12.0	40.0	—	—	—
7	22.77	8.1	40.0	22.77	8.1	40.0	—	—	—
Sheetmetal duct installers	20.54	14.6	40.0	20.54	14.6	40.0	—	—	—
7	24.61	12.3	40.0	24.61	12.3	40.0	—	—	—
Structural metal workers	17.62	5.5	40.0	17.27	5.8	40.0	—	—	—
5	15.66	4.2	40.0	15.66	4.2	40.0	—	—	—
7	21.15	7.6	39.9	20.77	8.0	39.9	—	—	—
Construction trades, n.e.c.	15.76	4.1	39.7	16.00	5.4	39.6	15.15	3.6	39.8
2	12.75	8.2	40.0	13.30	8.6	40.0	10.20	10.0	40.0
3	12.89	4.1	40.0	13.18	5.0	40.0	12.18	3.5	40.0
4	13.56	4.7	39.5	13.41	6.9	39.5	13.81	6.4	39.6
5	16.10	4.5	39.6	16.20	5.3	39.5	15.99	7.6	39.8
6	16.67	5.8	39.9	16.40	7.2	39.9	17.33	5.4	39.9
7	21.11	7.2	38.8	21.61	7.9	38.7	17.90	4.9	39.8
8	25.70	14.7	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 July 2002—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									
Supervisors, extractive	\$23.58	8.2	41.4	\$23.58	8.2	41.4	—	—	—
9	35.18	13.6	40.2	35.18	13.6	40.2	—	—	—
Drillers, oil well	20.01	18.2	40.0	20.01	18.2	40.0	—	—	—
6	24.53	.4	40.0	24.53	.4	40.0	—	—	—
Mining machine operators	15.51	9.7	40.0	15.51	9.7	40.0	—	—	—
5	15.59	3.0	40.0	15.59	3.0	40.0	—	—	—
Mining, n.e.c.	20.21	10.2	47.6	20.21	10.2	47.6	—	—	—
5	22.36	15.8	40.0	22.36	15.8	40.0	—	—	—
Supervisors, production	20.67	3.2	40.4	20.67	3.2	40.4	\$20.78	14.0	40.0
4	11.51	4.2	40.0	11.51	4.2	40.0	—	—	—
5	14.40	5.7	39.7	14.40	5.7	39.7	—	—	—
6	17.77	7.2	40.9	17.90	7.4	40.9	—	—	—
7	20.19	2.0	40.4	20.25	2.0	40.4	—	—	—
8	25.52	2.8	40.5	25.48	2.8	40.5	—	—	—
9	26.25	8.0	40.6	26.12	8.4	40.6	30.52	4.6	39.9
10	24.63	8.9	40.0	24.63	8.9	40.0	—	—	—
Not able to be leveled	20.86	10.1	40.5	20.86	10.1	40.5	—	—	—
Tool and die makers	21.85	2.1	40.0	21.87	2.1	40.0	—	—	—
5	15.95	10.1	40.0	15.95	10.1	40.0	—	—	—
6	18.13	9.0	40.0	18.13	9.0	40.0	—	—	—
7	22.32	2.5	40.0	22.34	2.5	40.0	—	—	—
8	23.39	2.9	40.0	23.39	2.9	40.0	—	—	—
9	23.39	2.7	40.0	23.39	2.7	40.0	—	—	—
Not able to be leveled	19.69	8.1	40.0	19.69	8.1	40.0	—	—	—
Tool and die maker apprentices	13.43	12.2	39.8	13.43	12.2	39.8	—	—	—
Precision assemblers, metal	19.22	4.1	40.0	19.22	4.1	40.0	—	—	—
4	17.56	8.2	40.0	17.56	8.2	40.0	—	—	—
5	18.95	3.7	40.0	18.95	3.7	40.0	—	—	—
6	17.81	5.9	40.0	17.81	5.9	40.0	—	—	—
7	24.16	2.0	40.0	24.16	2.0	40.0	—	—	—
Not able to be leveled	19.53	5.3	40.0	19.53	5.3	40.0	—	—	—
Machinists	18.52	4.8	39.8	18.48	4.9	39.8	—	—	—
4	12.82	8.1	38.9	12.82	8.1	38.9	—	—	—
5	15.55	3.8	40.0	15.55	3.8	40.0	—	—	—
6	19.06	5.1	39.0	19.03	5.2	39.0	—	—	—
7	20.11	4.3	39.8	20.05	4.4	39.8	—	—	—
8	22.60	1.6	40.0	22.60	1.6	40.0	—	—	—
9	20.37	11.1	40.0	20.37	11.1	40.0	—	—	—
Not able to be leveled	14.88	10.7	40.0	14.88	10.7	40.0	—	—	—
Machinist apprentices	14.49	3.7	40.0	14.49	3.7	40.0	—	—	—
Boilermakers									
7	18.71	7.2	40.0	18.71	7.2	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	17.03	6.5	39.7	17.03	6.5	39.7	—	—	—
3	10.52	22.1	40.0	10.52	22.1	40.0	—	—	—
5	16.25	5.9	40.0	16.25	5.9	40.0	—	—	—
7	22.14	5.5	40.0	22.14	5.5	40.0	—	—	—
Patternmakers and modelmakers, metal	20.85	11.8	40.0	20.85	11.8	40.0	—	—	—
5	15.31	10.0	40.0	15.31	10.0	40.0	—	—	—
7	21.63	9.3	40.0	21.63	9.3	40.0	—	—	—
Layout workers	17.08	14.5	40.0	17.08	14.5	40.0	—	—	—
7	17.75	15.2	40.0	17.75	15.2	40.0	—	—	—
Precious stones and metals workers	12.72	16.9	39.8	12.72	16.9	39.8	—	—	—
Engravers, metal	17.15	19.9	40.0	17.15	19.9	40.0	—	—	—
Sheet metal workers	17.07	9.2	38.5	17.07	9.2	38.5	—	—	—
4	13.15	9.4	40.0	13.15	9.4	40.0	—	—	—
5	17.15	9.1	38.6	17.15	9.1	38.6	—	—	—
6	15.69	10.2	40.0	15.69	10.2	40.0	—	—	—
7	24.21	7.0	37.6	24.21	7.0	37.6	—	—	—
Sheet metal worker apprentices	14.16	17.2	39.1	14.16	17.2	39.1	—	—	—
Cabinet makers and bench carpenters	11.87	7.2	39.2	11.82	7.3	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 July 2002—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									
Cabinet makers and bench carpenters—Continued									
3	\$9.09	10.5	39.2	\$9.09	10.5	39.2	—	—	—
4	12.47	2.5	39.9	12.47	2.5	39.9	—	—	—
Furniture and wood finishers	12.61	6.8	40.0	12.61	6.8	40.0	—	—	—
4	11.64	5.6	40.0	11.64	5.6	40.0	—	—	—
Tailors	13.85	10.2	28.5	13.85	10.2	28.5	—	—	—
Upholsterers	15.84	13.7	40.0	15.84	13.7	40.0	—	—	—
4	15.49	10.6	40.0	15.49	10.6	40.0	—	—	—
5	17.85	5.6	40.0	17.85	5.6	40.0	—	—	—
6	18.03	7.4	40.0	18.03	7.4	40.0	—	—	—
Hand molders and shapers, except jewelers	17.56	5.3	40.0	17.56	5.3	40.0	—	—	—
Patternmakers, layout workers, and cutters	16.52	6.8	39.6	16.53	6.8	39.6	—	—	—
5	13.85	10.9	37.9	13.85	10.9	37.9	—	—	—
7	16.55	8.3	40.0	16.55	8.3	40.0	—	—	—
Dental laboratory and medical appliance technicians	14.90	4.1	39.5	14.71	4.3	39.5	—	—	—
Bookbinders	16.81	14.7	38.1	16.81	14.7	38.1	—	—	—
Electrical and electronic equipment assemblers	12.46	3.9	39.1	12.46	3.9	39.1	—	—	—
1	9.37	7.4	39.1	9.37	7.4	39.1	—	—	—
2	10.00	4.5	39.5	10.00	4.5	39.5	—	—	—
3	9.88	8.4	39.9	9.88	8.4	39.9	—	—	—
4	12.22	5.6	40.0	12.22	5.6	40.0	—	—	—
5	15.67	4.2	36.7	15.67	4.2	36.7	—	—	—
6	15.79	3.7	39.9	15.79	3.7	39.9	—	—	—
7	16.93	5.0	40.0	16.93	5.0	40.0	—	—	—
Not able to be leveled	13.01	22.4	38.8	13.01	22.4	38.8	—	—	—
Miscellaneous precision workers, n.e.c.	15.07	8.7	39.7	15.06	8.7	39.7	—	—	—
4	14.77	12.0	40.0	14.77	12.0	40.0	—	—	—
5	16.60	7.4	39.8	16.60	7.4	39.8	—	—	—
7	24.23	9.7	39.9	24.22	9.8	39.9	—	—	—
9	24.28	7.8	37.1	24.28	7.8	37.1	—	—	—
Not able to be leveled	13.97	16.2	40.0	13.97	16.2	40.0	—	—	—
Precision food production	12.94	10.2	39.9	12.94	10.2	39.9	—	—	—
Butchers and meat cutters	11.40	3.9	37.5	11.40	3.9	37.5	—	—	—
1	8.02	3.0	39.4	8.02	3.0	39.4	—	—	—
2	9.55	9.7	31.9	9.55	9.7	31.9	—	—	—
3	10.53	2.4	39.2	10.53	2.4	39.2	—	—	—
4	12.75	2.4	36.6	12.75	2.4	36.6	—	—	—
5	13.09	8.4	34.1	13.09	8.4	34.1	—	—	—
6	17.23	8.5	40.0	17.23	8.5	40.0	—	—	—
7	17.80	3.2	39.2	17.80	3.2	39.2	—	—	—
Bakers	10.76	5.2	35.3	10.73	5.5	35.0	—	—	—
2	9.40	3.7	35.1	9.19	4.2	34.0	—	—	—
3	10.91	5.6	38.1	10.91	5.6	38.1	—	—	—
4	9.51	15.3	32.6	9.51	15.3	32.6	—	—	—
5	13.51	7.7	38.1	13.51	7.7	38.1	—	—	—
Food batchmakers	11.69	10.7	39.8	11.69	10.7	39.8	—	—	—
2	10.63	9.8	39.4	10.63	9.8	39.4	—	—	—
3	13.49	7.3	39.7	13.49	7.3	39.7	—	—	—
4	13.46	8.5	39.0	13.46	8.5	39.0	—	—	—
5	16.43	5.3	41.3	16.43	5.3	41.3	—	—	—
Inspectors, testers, and graders	17.90	2.8	40.3	17.74	3.0	40.3	\$21.39	7.3	39.6
2	12.37	5.4	40.0	12.37	5.4	40.0	—	—	—
3	10.86	4.5	40.0	10.86	4.5	40.0	—	—	—
4	18.16	8.8	40.0	18.16	8.8	40.0	—	—	—
5	14.54	3.9	40.7	14.47	3.9	40.7	—	—	—
6	16.03	6.2	40.0	15.97	6.2	40.0	—	—	—
7	21.45	3.5	40.6	21.25	3.6	40.8	23.16	6.7	39.4
8	21.21	9.6	40.0	22.15	8.4	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 July 2002—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									
9	\$23.24	8.4	40.0	\$25.07	5.8	40.0	—	—	—
Not able to be leveled	22.31	8.1	39.6	22.31	8.1	39.6	—	—	—
Precision inspectors, testers, and related workers, n.e.c.									
3	21.85	7.3	40.0	21.85	7.3	40.0	—	—	—
Adjusters and calibrators	14.71	7.3	36.8	14.71	7.3	36.8	—	—	—
Water and sewer treatment plant operators									
3	17.25	3.4	39.9	14.61	14.0	40.0	\$17.95	2.8	39.9
4	10.45	6.9	39.5	—	—	—	10.91	12.3	37.8
4	16.64	11.0	40.0	—	—	—	16.58	12.2	40.0
5	16.00	3.9	39.9	15.91	14.0	40.0	16.01	4.1	39.9
6	17.44	8.1	40.0	—	—	—	17.39	8.6	40.0
7	19.92	2.6	40.0	19.49	9.1	40.0	19.99	3.6	40.0
9	23.00	13.5	40.0	—	—	—	—	—	—
Power plant operators									
5	25.62	2.9	40.0	25.74	3.5	40.0	24.86	8.5	39.7
5	18.83	4.9	40.0	—	—	—	—	—	—
6	23.60	5.4	40.0	—	—	—	—	—	—
7	25.78	2.5	40.0	26.32	2.3	40.0	22.98	9.0	40.0
8	31.54	6.1	39.8	—	—	—	—	—	—
Stationary engineers									
5	21.91	4.5	39.8	21.73	5.3	39.9	22.22	9.1	39.6
5	16.00	8.8	40.0	16.64	4.0	40.0	14.61	17.9	40.0
6	20.87	5.8	40.0	22.66	7.5	40.0	19.37	5.3	40.0
7	24.16	5.3	39.7	23.39	6.9	39.9	25.57	8.0	39.5
Not able to be leveled	23.79	11.2	40.0	23.79	11.2	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.									
3	22.39	3.2	39.5	22.52	3.2	39.5	16.42	6.2	40.0
3	13.51	14.6	40.0	—	—	—	—	—	—
4	15.05	12.2	40.0	15.05	12.2	40.0	—	—	—
5	18.97	6.7	39.2	19.10	7.3	39.2	—	—	—
6	24.56	1.9	38.5	24.88	1.9	38.4	—	—	—
7	23.51	3.2	39.9	23.72	3.2	39.9	—	—	—
8	24.95	1.5	40.0	24.95	1.5	40.0	—	—	—
Machine operators, assemblers, and inspectors									
1	12.94	1.4	39.2	12.93	1.4	39.2	16.14	10.1	38.9
1	8.43	2.0	37.8	8.42	2.1	37.8	9.64	9.8	38.9
2	9.91	1.9	39.0	9.90	1.9	39.0	11.63	6.7	40.0
3	13.82	2.7	39.5	13.81	2.7	39.5	—	—	—
4	14.32	1.7	39.8	14.32	1.7	39.8	14.44	9.5	36.5
5	15.28	1.2	39.8	15.28	1.2	39.8	16.38	3.2	39.8
6	17.33	2.2	39.8	17.34	2.3	39.8	—	—	—
7	19.01	3.3	39.6	18.87	3.5	39.6	22.44	6.0	39.4
8	22.20	1.4	39.9	22.20	1.4	39.9	—	—	—
9	23.38	9.3	39.3	23.38	9.3	39.3	—	—	—
Not able to be leveled	12.54	4.5	38.4	12.54	4.5	38.4	—	—	—
Lathe and turning machine set-up operators									
4	16.07	5.4	40.0	16.07	5.4	40.0	—	—	—
4	16.21	10.3	40.0	16.21	10.3	40.0	—	—	—
5	16.02	2.3	40.0	16.02	2.3	40.0	—	—	—
6	18.02	3.3	40.0	18.02	3.3	40.0	—	—	—
Lathe and turning machine operators									
2	15.00	5.9	40.0	15.00	5.9	40.0	—	—	—
3	9.48	8.9	40.0	9.48	8.9	40.0	—	—	—
3	11.44	9.3	40.0	11.44	9.3	40.0	—	—	—
4	15.49	9.7	40.0	15.49	9.7	40.0	—	—	—
5	16.58	3.1	40.0	16.58	3.1	40.0	—	—	—
6	17.87	6.5	40.0	17.87	6.5	40.0	—	—	—
Milling and planing machine operators									
3	13.04	5.2	40.0	13.04	5.2	40.0	—	—	—
3	11.22	1.7	40.0	11.22	1.7	40.0	—	—	—
4	11.60	15.8	40.0	11.60	15.8	40.0	—	—	—
5	13.37	4.8	40.0	13.37	4.8	40.0	—	—	—
Punching and stamping press operators									
1	12.77	7.8	39.9	12.77	7.8	39.9	—	—	—
1	10.14	9.0	40.0	10.14	9.0	40.0	—	—	—
2	11.17	4.9	40.0	11.17	4.9	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 July 2002—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									
Punching and stamping press operators —Continued									
3	\$13.83	7.5	40.0	\$13.83	7.5	40.0	—	—	—
4	16.62	11.1	39.9	16.62	11.1	39.9	—	—	—
5	14.50	4.4	40.0	14.50	4.4	40.0	—	—	—
6	15.95	1.3	40.0	15.95	1.3	40.0	—	—	—
Rolling machine operators	15.38	11.8	40.0	15.38	11.8	40.0	—	—	—
2	10.64	12.9	40.0	10.64	12.9	40.0	—	—	—
4	13.98	9.4	40.0	13.98	9.4	40.0	—	—	—
Drilling and boring machine operators	11.82	11.1	40.0	11.82	11.1	40.0	—	—	—
2	10.08	8.0	40.0	10.08	8.0	40.0	—	—	—
3	11.56	5.8	40.0	11.56	5.8	40.0	—	—	—
4	16.51	6.1	40.0	16.51	6.1	40.0	—	—	—
5	14.83	9.0	40.0	14.83	9.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.08	3.6	38.9	13.08	3.6	38.9	—	—	—
1	9.41	3.8	39.8	9.41	3.8	39.8	—	—	—
2	9.81	3.4	33.7	9.81	3.4	33.7	—	—	—
3	14.02	5.9	39.9	14.02	5.9	39.9	—	—	—
4	12.75	4.4	40.0	12.75	4.4	40.0	—	—	—
5	14.54	4.1	40.0	14.54	4.1	40.0	—	—	—
7	15.14	13.9	40.0	15.14	13.9	40.0	—	—	—
Not able to be leveled	14.60	6.2	39.8	14.60	6.2	39.8	—	—	—
Forging machine operators	13.75	7.4	39.8	13.75	7.4	39.8	—	—	—
4	12.08	6.4	40.0	12.08	6.4	40.0	—	—	—
5	14.09	7.4	40.0	14.09	7.4	40.0	—	—	—
Numerical control machine operators	14.63	4.5	39.7	14.63	4.5	39.7	—	—	—
2	10.53	6.5	40.0	10.53	6.5	40.0	—	—	—
3	11.30	10.8	39.7	11.30	10.8	39.7	—	—	—
4	13.75	6.8	40.0	13.75	6.8	40.0	—	—	—
5	13.63	4.4	39.0	13.63	4.4	39.0	—	—	—
6	16.72	3.2	40.0	16.72	3.2	40.0	—	—	—
7	18.97	3.8	40.0	18.97	3.8	40.0	—	—	—
Fabricating machine operators, n.e.c.	14.38	4.3	39.1	14.38	4.3	39.1	—	—	—
1	9.98	4.5	40.0	9.98	4.5	40.0	—	—	—
2	10.26	6.9	39.9	10.26	6.9	39.9	—	—	—
3	13.76	8.5	36.7	13.76	8.5	36.7	—	—	—
4	16.24	8.2	39.9	16.24	8.2	39.9	—	—	—
5	14.62	3.1	40.1	14.62	3.1	40.1	—	—	—
6	16.41	3.4	40.0	16.41	3.4	40.0	—	—	—
7	14.96	15.2	40.0	14.96	15.2	40.0	—	—	—
Not able to be leveled	17.32	13.1	25.6	17.32	13.1	25.6	—	—	—
Molding and casting machine operators	12.32	3.5	39.6	12.32	3.5	39.6	—	—	—
1	8.58	5.8	39.9	8.58	5.8	39.9	—	—	—
2	9.71	2.9	39.4	9.71	2.9	39.4	—	—	—
3	12.13	4.0	39.7	12.13	4.0	39.7	—	—	—
4	13.17	4.5	39.9	13.17	4.5	39.9	—	—	—
5	15.78	6.6	39.9	15.78	6.6	39.9	—	—	—
6	15.91	2.0	39.9	15.91	2.0	39.9	—	—	—
7	19.84	2.4	39.7	19.84	2.4	39.7	—	—	—
Not able to be leveled	9.90	13.0	37.8	9.90	13.0	37.8	—	—	—
Metal plating machine operators	13.68	7.0	39.5	13.68	7.0	39.5	—	—	—
2	10.36	9.3	37.9	10.36	9.3	37.9	—	—	—
3	10.96	3.5	39.0	10.96	3.5	39.0	—	—	—
4	13.57	5.9	39.7	13.57	5.9	39.7	—	—	—
5	14.61	3.5	40.0	14.61	3.5	40.0	—	—	—
Heat treating equipment operators	15.71	7.5	40.0	15.71	7.5	40.0	—	—	—
3	12.99	13.0	40.0	12.99	13.0	40.0	—	—	—
4	14.44	7.0	39.9	14.44	7.0	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 July 2002—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									
Heat treating equipment operators—Continued									
5	\$18.86	6.8	40.0	\$18.86	6.8	40.0	—	—	—
6	16.07	9.6	40.0	16.07	9.6	40.0	—	—	—
Wood lathe, routing, and planing machine operators									
4	11.78	6.2	38.2	11.78	6.2	38.2	—	—	—
4	12.70	4.9	31.3	12.70	4.9	31.3	—	—	—
Sawing machine operators									
1	11.98	4.3	39.8	11.98	4.3	39.8	—	—	—
2	9.81	15.4	40.0	9.81	15.4	40.0	—	—	—
2	10.06	8.2	38.6	10.06	8.2	38.6	—	—	—
4	12.52	5.0	40.0	12.52	5.0	40.0	—	—	—
Shaping and jointing machine operators									
3	12.68	5.3	40.0	12.68	5.3	40.0	—	—	—
3	10.61	6.7	40.0	10.61	6.7	40.0	—	—	—
4	11.21	9.7	39.9	11.21	9.7	39.9	—	—	—
Nailing and tacking machine operators									
2	10.86	6.3	38.2	10.86	6.3	38.2	—	—	—
2	10.97	6.8	38.0	10.97	6.8	38.0	—	—	—
Printing press operators									
1	15.85	3.4	39.2	15.87	3.5	39.3	\$14.20	6.5	36.0
1	9.56	7.4	37.1	9.56	7.4	37.1	—	—	—
2	9.78	7.5	40.0	9.67	7.4	40.0	—	—	—
3	10.84	3.5	40.0	10.84	3.5	40.0	—	—	—
4	14.74	8.4	39.4	14.77	8.6	39.5	13.83	7.5	35.0
5	16.11	5.0	38.6	16.10	5.1	38.5	—	—	—
6	16.88	4.5	39.6	16.88	4.5	39.6	—	—	—
7	20.26	3.7	38.9	20.26	3.7	38.9	—	—	—
Not able to be leveled	14.53	15.1	38.9	14.53	15.1	38.9	—	—	—
Photoengravers and lithographers									
5	16.83	4.4	39.4	16.83	4.4	39.4	—	—	—
5	14.85	6.7	39.6	14.85	6.7	39.6	—	—	—
6	19.58	5.6	38.7	19.58	5.6	38.7	—	—	—
7	18.13	3.8	39.8	18.13	3.8	39.8	—	—	—
Typesetters and compositors									
3	14.05	10.3	32.9	13.38	10.0	32.7	—	—	—
3	11.56	9.0	32.9	11.56	9.0	32.9	—	—	—
5	14.35	7.0	38.3	14.42	7.0	38.3	—	—	—
7	20.01	12.8	38.2	16.75	8.4	39.3	—	—	—
Winding and twisting machine operators									
1	12.94	9.9	39.8	12.94	9.9	39.8	—	—	—
1	7.65	8.3	39.7	7.65	8.3	39.7	—	—	—
2	9.62	2.8	39.3	9.62	2.8	39.3	—	—	—
3	11.65	3.9	39.8	11.65	3.9	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators									
2	12.36	8.7	39.9	12.36	8.7	39.9	—	—	—
2	9.99	5.9	39.9	9.99	5.9	39.9	—	—	—
3	11.40	3.5	39.8	11.40	3.5	39.8	—	—	—
Textile cutting machine operators									
2	9.98	6.8	39.2	9.98	6.8	39.2	—	—	—
2	9.69	5.8	40.0	9.69	5.8	40.0	—	—	—
3	10.26	5.4	40.0	10.26	5.4	40.0	—	—	—
Textile sewing machine operators									
1	8.93	6.3	38.9	8.93	6.3	38.9	—	—	—
1	8.75	6.7	35.7	8.75	6.7	35.7	—	—	—
2	8.00	6.4	39.4	8.00	6.4	39.4	—	—	—
3	11.34	8.1	39.7	11.34	8.1	39.7	—	—	—
4	13.29	12.8	38.0	13.29	12.8	38.0	—	—	—
Not able to be leveled	8.00	4.3	39.0	8.00	4.3	39.0	—	—	—
Pressing machine operators									
1	9.08	4.0	39.3	9.08	4.0	39.3	—	—	—
1	7.93	6.2	39.5	7.93	6.2	39.5	—	—	—
2	8.87	5.8	39.6	8.87	5.8	39.6	—	—	—
3	9.72	7.7	40.0	9.72	7.7	40.0	—	—	—
Laundering and dry cleaning machine operators									
1	8.49	4.1	38.0	8.40	4.4	37.9	10.30	8.8	38.6
1	7.68	2.8	37.5	7.55	2.9	37.4	9.64	9.8	38.9
2	9.15	2.3	39.3	9.04	2.1	39.3	—	—	—
3	11.91	8.2	39.9	11.91	8.2	39.9	—	—	—
Not able to be leveled	7.84	2.4	33.8	7.84	2.4	33.8	—	—	—
Cementing and gluing machine operators	11.91	8.3	40.0	11.91	8.3	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 July 2002—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									
Cementing and gluing machine operators									
—Continued									
2	\$10.21	15.8	40.0	\$10.21	15.8	40.0	—	—	—
4	13.04	6.6	40.0	13.04	6.6	40.0	—	—	—
Packaging and filling machine operators	12.40	4.2	39.2	12.40	4.2	39.2	—	—	—
1	8.81	6.8	38.4	8.81	6.8	38.4	—	—	—
2	10.78	2.8	39.4	10.78	2.8	39.4	—	—	—
3	13.27	4.8	39.4	13.27	4.8	39.4	—	—	—
4	13.60	4.8	39.7	13.60	4.8	39.7	—	—	—
5	18.47	7.0	39.8	18.47	7.0	39.8	—	—	—
6	19.44	4.6	40.0	19.44	4.6	40.0	—	—	—
Not able to be leveled	18.58	9.1	39.6	18.58	9.1	39.6	—	—	—
Extruding and forming machine operators	12.78	6.1	39.4	12.78	6.1	39.4	—	—	—
2	10.30	9.2	39.7	10.30	9.2	39.7	—	—	—
3	13.45	8.0	39.4	13.45	8.0	39.4	—	—	—
4	14.71	2.9	39.1	14.71	2.9	39.1	—	—	—
5	14.90	2.9	38.8	14.90	2.9	38.8	—	—	—
6	15.75	5.2	37.4	15.75	5.2	37.4	—	—	—
7	19.55	6.4	39.1	19.55	6.4	39.1	—	—	—
Mixing and blending machine operators	14.87	4.6	39.8	14.87	4.6	39.8	—	—	—
1	9.42	18.2	40.0	9.42	18.2	40.0	—	—	—
2	11.97	9.0	39.5	11.97	9.0	39.5	—	—	—
3	12.36	3.3	40.0	12.36	3.3	40.0	—	—	—
4	14.39	2.6	39.7	14.39	2.6	39.7	—	—	—
5	17.30	5.4	39.8	17.30	5.4	39.8	—	—	—
6	19.72	4.4	40.0	19.72	4.4	40.0	—	—	—
7	24.71	5.6	40.0	24.71	5.6	40.0	—	—	—
Not able to be leveled	14.51	11.7	39.8	14.51	11.7	39.8	—	—	—
Separating, filtering, and clarifying machine operators	18.97	3.6	39.8	18.99	3.6	39.8	—	—	—
3	16.51	6.8	40.0	16.51	6.8	40.0	—	—	—
4	15.10	4.7	39.9	15.10	4.7	39.9	—	—	—
5	18.61	4.3	39.8	18.61	4.3	39.8	—	—	—
6	20.51	4.8	39.3	20.51	4.8	39.3	—	—	—
7	22.20	6.4	40.0	22.44	6.5	40.0	—	—	—
Compressing and compacting machine operators	11.39	2.7	40.4	11.39	2.7	40.4	—	—	—
2	11.04	8.3	40.0	11.04	8.3	40.0	—	—	—
3	11.54	3.8	40.0	11.54	3.8	40.0	—	—	—
5	13.92	9.1	39.9	13.92	9.1	39.9	—	—	—
Painting and paint spraying machine operators	15.10	6.0	40.0	15.10	6.0	40.0	—	—	—
1	9.40	4.5	40.0	9.40	4.5	40.0	—	—	—
2	12.00	8.2	39.9	12.00	8.2	39.9	—	—	—
3	15.89	6.3	40.0	15.89	6.3	40.0	—	—	—
4	13.46	4.5	39.8	13.46	4.5	39.8	—	—	—
5	13.99	3.9	40.3	13.99	3.9	40.3	—	—	—
6	22.94	17.2	40.0	22.97	17.3	40.0	—	—	—
7	27.92	12.9	40.7	27.92	12.9	40.7	—	—	—
Roasting and baking machine operators, food ..	11.42	9.4	39.7	11.42	9.4	39.7	—	—	—
4	16.17	7.5	40.0	16.17	7.5	40.0	—	—	—
Washing, cleaning, and pickling machine operators	13.22	10.2	40.0	13.22	10.2	40.0	—	—	—
Folding machine operators	13.07	7.7	40.0	13.07	7.7	40.0	—	—	—
2	11.10	9.4	40.0	11.10	9.4	40.0	—	—	—
4	12.47	3.2	39.9	12.47	3.2	39.9	—	—	—
5	16.44	9.2	40.0	16.44	9.2	40.0	—	—	—
Furnace, kiln, and oven operators, except food ..	13.72	6.3	39.7	13.60	6.3	39.7	\$17.34	2.7	39.2
2	9.71	13.7	39.8	9.71	13.7	39.8	—	—	—
3	14.72	10.9	40.0	14.72	10.9	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 July 2002—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									
Furnace, kiln, and oven operators, except food—Continued									
5	\$16.45	8.0	40.0	\$16.41	8.9	40.0	—	—	—
6	17.57	4.2	40.0	17.57	4.2	40.0	—	—	—
7	20.72	9.8	39.7	20.69	10.8	39.6	—	—	—
Crushing and grinding machine operators									
2	12.95	4.6	40.1	12.95	4.6	40.1	—	—	—
3	11.35	7.4	40.6	11.35	7.4	40.6	—	—	—
4	12.16	5.7	40.0	12.16	5.7	40.0	—	—	—
5	12.08	6.4	40.0	12.08	6.4	40.0	—	—	—
6	15.06	6.7	40.0	15.06	6.7	40.0	—	—	—
Slicing and cutting machine operators									
1	13.12	4.6	39.5	13.12	4.6	39.5	—	—	—
2	8.83	9.7	31.6	8.83	9.7	31.6	—	—	—
3	10.39	6.2	39.6	10.39	6.2	39.6	—	—	—
4	13.00	4.1	40.0	13.00	4.1	40.0	—	—	—
5	13.62	4.0	40.0	13.62	4.0	40.0	—	—	—
6	13.82	12.4	40.0	13.82	12.4	40.0	—	—	—
7	16.25	2.6	39.6	16.25	2.6	39.6	—	—	—
Motion picture projectionists									
2	12.24	25.2	28.4	12.24	25.2	28.4	—	—	—
Photographic process machine operators									
2	10.93	5.2	32.3	10.93	5.2	32.3	—	—	—
3	8.47	4.4	26.5	8.47	4.4	26.5	—	—	—
4	10.61	5.1	37.8	10.64	5.1	37.8	—	—	—
5	11.19	7.4	39.6	11.19	7.4	39.6	—	—	—
6	14.24	10.6	39.9	14.24	10.6	39.9	—	—	—
7	18.45	6.5	39.2	18.45	6.5	39.2	—	—	—
Miscellaneous machine operators, n.e.c.									
1	13.47	2.7	39.5	13.46	2.7	39.5	\$18.58	16.3	39.3
2	9.38	3.7	36.9	9.38	3.7	36.9	—	—	—
3	10.31	3.0	39.7	10.31	3.1	39.7	—	—	—
4	12.39	3.2	39.4	12.39	3.2	39.4	—	—	—
5	14.43	3.2	39.7	14.45	3.2	39.7	—	—	—
6	15.96	2.8	39.8	15.96	2.8	39.8	—	—	—
7	18.16	3.5	39.6	18.16	3.5	39.6	—	—	—
Not able to be leveled	19.68	8.6	39.8	19.30	8.8	39.9	—	—	—
Not able to be leveled	12.70	10.0	39.7	12.70	10.0	39.7	—	—	—
Welders and cutters									
2	15.51	2.5	40.0	15.35	2.4	40.0	20.66	8.4	40.0
3	11.40	4.6	40.0	11.40	4.6	40.0	—	—	—
4	14.94	8.5	40.0	14.94	8.5	40.0	—	—	—
5	14.64	7.8	39.9	14.64	7.8	39.9	—	—	—
6	14.69	2.6	39.9	14.69	2.6	39.9	—	—	—
7	16.04	4.2	39.9	16.12	4.3	39.9	—	—	—
Not able to be leveled	17.86	6.4	40.0	17.33	6.6	40.0	21.67	8.0	40.0
Not able to be leveled	14.92	8.6	40.0	14.92	8.6	40.0	—	—	—
Solders and braziers									
3	10.35	9.8	40.0	10.35	9.8	40.0	—	—	—
4	10.17	7.2	40.0	10.17	7.2	40.0	—	—	—
5	12.15	3.4	40.0	12.15	3.4	40.0	—	—	—
6	14.06	2.9	40.0	14.06	2.9	40.0	—	—	—
Assemblers									
1	12.83	3.3	39.0	12.83	3.3	39.0	—	—	—
2	8.00	4.2	37.8	8.00	4.2	37.8	—	—	—
3	10.17	2.5	38.9	10.17	2.5	38.9	—	—	—
4	16.39	5.5	39.9	16.39	5.5	39.9	—	—	—
5	15.27	3.3	40.0	15.27	3.3	40.0	—	—	—
6	15.36	6.2	39.9	15.36	6.2	39.9	—	—	—
7	14.50	3.8	40.0	14.50	3.8	40.0	—	—	—
Not able to be leveled	16.68	9.5	38.3	16.68	9.5	38.3	—	—	—
Not able to be leveled	11.45	16.0	33.7	11.45	16.0	33.7	—	—	—
Hand cutting and trimming									
1	9.86	12.6	39.6	9.86	12.6	39.6	—	—	—
2	8.54	8.3	36.3	8.54	8.3	36.3	—	—	—
3	8.14	13.6	40.0	8.14	13.6	40.0	—	—	—
4	16.18	8.4	40.0	16.18	8.4	40.0	—	—	—
Hand molding, casting, and forming									
1	10.91	7.4	40.0	10.91	7.4	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 July 2002—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									
Hand painting, coating, and decorating	\$11.32	6.2	39.1	\$11.34	6.3	39.1	—	—	—
2	10.83	6.0	40.0	10.93	6.4	40.0	—	—	—
4	11.69	9.5	40.0	11.69	9.5	40.0	—	—	—
Hand engraving and printing	15.50	27.8	30.1	15.50	27.8	30.1	—	—	—
Miscellaneous hand working, n.e.c.	11.12	6.0	39.1	11.12	6.0	39.1	—	—	—
1	8.25	4.4	37.7	8.25	4.4	37.7	—	—	—
2	9.52	4.4	39.0	9.52	4.4	39.0	—	—	—
3	13.42	7.8	40.0	13.42	7.8	40.0	—	—	—
4	16.77	9.2	40.0	16.77	9.2	40.0	—	—	—
5	15.88	3.9	40.0	15.88	3.9	40.0	—	—	—
Production inspectors, checkers and examiners	13.18	4.1	39.6	13.18	4.1	39.6	—	—	—
1	9.45	9.2	39.7	9.45	9.2	39.7	—	—	—
2	9.99	5.4	39.9	9.99	5.4	39.9	—	—	—
3	13.22	5.4	39.1	13.22	5.4	39.1	—	—	—
4	12.67	2.5	39.2	12.67	2.5	39.2	—	—	—
5	14.02	4.4	39.9	14.02	4.4	39.9	—	—	—
6	18.15	7.9	40.0	18.14	8.0	40.0	—	—	—
7	19.87	7.4	40.0	20.00	7.4	40.0	—	—	—
Not able to be leveled	15.63	11.5	39.7	15.63	11.5	39.7	—	—	—
Production testers	13.26	4.7	39.9	13.26	4.7	39.9	—	—	—
2	9.18	4.4	40.0	9.18	4.4	40.0	—	—	—
3	14.44	9.8	40.0	14.44	9.8	40.0	—	—	—
4	13.64	6.0	40.0	13.64	6.0	40.0	—	—	—
5	15.35	4.8	39.8	15.35	4.8	39.8	—	—	—
6	15.41	6.5	39.7	15.41	6.5	39.7	—	—	—
Not able to be leveled	12.72	26.5	40.0	12.72	26.5	40.0	—	—	—
Production samplers and weighers	10.71	9.3	30.9	10.71	9.3	30.9	—	—	—
Graders and sorters, except agricultural	9.89	7.4	38.5	9.89	7.4	38.5	—	—	—
1	7.53	9.4	36.1	7.53	9.4	36.1	—	—	—
2	9.25	8.8	39.8	9.25	8.8	39.8	—	—	—
3	12.09	9.9	40.0	12.09	9.9	40.0	—	—	—
Hand inspectors, n.e.c.	10.49	10.2	39.8	10.49	10.2	39.8	—	—	—
2	9.51	6.0	40.0	9.51	6.0	40.0	—	—	—
Transportation and material moving	14.25	1.5	37.5	14.10	1.7	37.9	\$15.52	1.7	34.2
1	7.96	4.4	30.1	7.93	4.4	30.1	10.16	4.7	28.1
2	10.61	2.7	34.1	10.33	3.2	34.5	13.34	3.1	31.2
3	12.14	3.7	37.4	11.88	3.2	38.4	14.14	6.1	31.2
4	14.74	2.6	38.9	14.70	2.8	39.5	15.07	3.6	34.0
5	17.28	1.9	40.3	17.48	2.1	41.3	16.36	2.5	36.5
6	19.35	4.0	42.5	20.00	3.9	43.3	16.83	8.2	39.7
7	22.58	2.7	40.7	23.24	2.9	41.0	19.10	5.9	39.3
8	26.46	8.8	40.8	26.04	10.9	41.0	—	—	—
9	31.45	9.0	40.6	32.09	9.9	40.7	26.59	4.5	39.6
Not able to be leveled	14.47	7.3	38.0	14.47	7.3	38.0	—	—	—
Supervisors, motor vehicle operators	18.48	5.0	42.3	18.68	4.5	43.3	17.90	14.5	39.8
5	13.59	5.1	43.7	13.74	3.1	44.9	—	—	—
6	15.18	7.7	43.2	16.97	3.1	47.1	—	—	—
7	21.04	3.0	42.2	20.94	3.4	42.5	21.85	3.1	40.0
9	27.32	5.7	40.6	24.88	10.4	41.9	—	—	—
Truck drivers	14.20	2.1	40.2	14.13	2.2	40.3	15.94	7.1	39.4
1	8.67	5.5	33.1	8.66	5.6	33.1	—	—	—
2	10.90	4.2	38.6	10.80	4.4	38.6	12.61	8.8	39.0
3	12.23	5.5	38.9	11.89	4.5	38.9	17.78	16.4	39.4
4	14.61	3.9	41.4	14.60	4.0	41.5	14.81	6.0	39.6
5	17.71	2.8	42.1	17.78	2.8	42.3	16.09	4.5	39.5
6	20.31	3.5	45.9	20.40	3.6	46.2	18.04	6.9	39.9
7	20.69	6.5	42.1	21.08	5.9	42.4	18.43	12.9	40.0
Not able to be leveled	14.56	10.6	40.3	14.56	10.6	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 July 2002—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									
Driver-sales workers	\$12.77	5.9	35.5	\$12.76	5.9	35.5	—	—	—
1	6.15	5.2	28.4	6.15	5.2	28.4	—	—	—
2	8.47	7.4	30.8	8.47	7.4	30.8	—	—	—
3	12.73	5.7	38.6	12.67	5.5	38.6	—	—	—
4	14.09	7.7	38.1	14.09	7.7	38.1	—	—	—
5	17.01	10.0	42.6	17.01	10.0	42.6	—	—	—
6	20.83	16.9	40.6	20.83	16.9	40.6	—	—	—
Bus drivers	14.23	2.3	27.9	12.62	3.9	26.7	\$15.38	1.9	28.9
1	8.98	19.1	19.3	—	—	—	10.98	8.8	22.6
2	11.91	3.1	25.3	10.61	4.7	24.2	13.60	2.9	27.0
3	12.31	2.9	27.8	10.57	4.5	29.7	13.16	3.1	27.0
4	15.62	4.5	27.0	14.32	7.6	25.7	16.97	2.9	28.4
5	17.32	2.3	32.6	16.89	4.4	31.5	17.47	2.7	33.0
6	17.65	2.3	38.1	—	—	—	—	—	—
7	19.62	4.2	33.3	—	—	—	20.10	3.9	35.1
Taxicab drivers and chauffeurs	8.31	6.5	30.3	8.31	6.6	30.2	8.35	12.0	36.6
1	7.43	5.4	17.7	7.43	5.5	17.6	—	—	—
2	8.04	7.0	32.7	8.01	7.0	32.6	—	—	—
3	8.00	8.7	38.1	8.03	9.0	38.1	—	—	—
4	11.87	15.7	29.7	—	—	—	—	—	—
Parking lot attendants	8.26	7.4	32.4	8.24	7.5	32.4	—	—	—
1	8.52	10.0	35.6	8.49	10.3	35.6	—	—	—
2	7.02	4.6	25.8	7.01	4.6	25.9	—	—	—
3	10.80	16.7	36.5	10.80	16.7	36.5	—	—	—
Motor transportation, n.e.c.	8.52	7.6	29.6	7.82	6.7	29.0	16.31	5.9	39.1
1	6.56	12.2	27.5	6.56	12.2	27.5	—	—	—
2	9.49	8.6	30.3	8.49	3.0	29.5	—	—	—
3	8.35	17.9	33.7	7.91	15.2	33.4	15.60	11.3	38.2
4	11.90	11.9	35.1	10.39	11.0	33.6	15.62	14.2	39.5
5	17.67	6.1	40.0	—	—	—	16.90	4.4	40.0
Railroad conductors and yardmasters	34.89	4.7	40.0	34.99	4.8	40.0	—	—	—
7	35.17	6.8	40.0	35.35	7.0	40.0	—	—	—
Locomotive operating	32.98	10.3	39.9	—	—	—	22.82	3.9	39.9
5	21.88	6.2	40.0	—	—	—	—	—	—
Rail vehicle operators, n.e.c.	24.58	7.4	40.0	—	—	—	—	—	—
Ship captains and mates, except fishing boats ..	19.18	9.4	45.4	18.80	9.5	45.6	—	—	—
7	18.79	9.5	45.7	18.28	9.4	46.2	—	—	—
Sailors and deckhands	12.96	5.8	39.9	12.06	6.5	40.4	—	—	—
3	11.25	12.8	41.2	11.20	13.3	42.0	—	—	—
Bridge, lock and lighthouse tenders	13.49	2.7	40.0	—	—	—	13.28	3.0	40.0
Supervisors, material moving equipment	19.53	5.9	40.6	19.57	5.9	40.7	18.69	8.2	39.1
5	17.12	10.6	40.9	17.02	11.2	40.9	—	—	—
6	16.99	6.3	39.9	16.77	6.5	40.2	—	—	—
7	19.64	4.1	41.3	19.64	4.1	41.3	—	—	—
8	24.61	6.0	39.9	24.88	6.7	39.9	—	—	—
Operating engineers	19.65	6.0	39.8	22.52	4.1	39.7	14.92	8.8	40.0
4	16.07	19.0	40.0	22.89	12.6	40.0	13.35	15.1	40.0
5	17.98	6.0	40.0	20.41	10.7	40.0	15.64	4.0	40.0
6	20.41	13.5	40.0	—	—	—	15.98	11.3	40.0
7	24.27	3.3	39.4	24.48	3.9	39.4	22.14	6.2	39.7
Hoist and winch operators	13.03	12.7	40.0	13.03	12.7	40.0	—	—	—
Crane and tower operators	16.98	5.1	40.0	16.89	5.1	40.0	—	—	—
3	15.31	13.6	40.0	15.31	13.6	40.0	—	—	—
4	14.00	4.2	40.0	14.02	4.3	40.0	—	—	—
5	17.51	4.5	40.0	17.51	4.5	40.0	—	—	—
6	20.45	8.0	40.0	20.02	8.4	40.0	—	—	—
7	26.41	5.5	40.0	26.78	5.8	40.0	—	—	—
Not able to be leveled	23.32	21.7	40.0	23.32	21.7	40.0	—	—	—
Excavating and loading machine operators	15.82	6.2	40.0	15.88	6.6	40.0	15.43	11.0	39.8
2	12.07	7.7	40.0	11.94	8.3	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 July 2002—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									
Excavating and loading machine operators—Continued									
3	\$12.27	6.0	40.0	\$12.37	7.1	40.0	\$11.57	6.8	39.7
4	13.92	4.3	39.9	13.84	4.7	40.0	14.44	11.3	39.6
5	17.07	6.5	40.0	17.28	6.9	40.0	15.76	13.3	40.0
6	19.81	4.7	40.0	20.05	5.3	40.0	—	—	—
Grader, dozer, and scrapper operators	14.89	4.4	40.0	16.07	6.2	40.0	13.21	4.2	39.9
2	10.80	9.1	40.0	—	—	—	—	—	—
3	11.78	6.6	40.0	—	—	—	10.10	7.2	40.0
4	14.20	6.1	40.0	15.22	3.9	40.0	11.03	10.3	40.0
5	14.06	6.9	40.0	15.37	8.0	40.2	12.94	8.4	39.8
6	13.81	7.8	40.0	—	—	—	13.48	8.4	40.0
7	19.35	12.6	40.0	23.55	12.7	40.0	15.36	13.0	40.0
Industrial truck and tractor equipment operators	13.56	2.5	39.5	13.58	2.6	39.5	12.41	3.7	40.0
1	10.77	10.9	40.0	10.89	11.7	40.0	—	—	—
2	11.25	3.0	38.9	11.25	3.0	38.9	—	—	—
3	12.54	2.9	39.8	12.55	2.9	39.8	—	—	—
4	15.40	2.8	39.4	15.55	2.8	39.3	12.29	3.9	40.0
5	17.26	4.3	40.2	17.36	4.3	40.2	—	—	—
6	17.27	8.5	40.0	17.29	8.8	40.0	—	—	—
7	19.23	14.8	39.8	19.72	16.1	39.8	—	—	—
Not able to be leveled	13.98	13.8	39.1	13.98	13.8	39.1	—	—	—
Miscellaneous material moving equipment operators, n.e.c.									
1	15.61	4.2	37.3	15.61	4.9	37.0	15.60	5.3	39.0
2	10.73	9.3	31.9	10.73	9.3	31.9	—	—	—
3	11.33	3.4	32.3	11.30	3.5	32.1	—	—	—
4	15.04	6.6	39.6	15.25	6.9	39.6	10.52	7.5	38.8
5	16.41	7.1	39.1	17.47	7.9	39.0	12.28	4.1	39.5
6	16.37	3.5	39.1	16.71	4.5	39.7	15.93	5.2	38.3
7	—	—	—	—	—	—	16.44	7.3	39.9
8	21.03	5.3	40.0	20.14	5.6	39.9	21.80	8.3	40.0
Not able to be leveled	17.61	17.7	37.8	17.61	17.7	37.8	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
1	10.98	1.3	35.6	10.82	1.3	35.4	13.76	2.4	38.7
2	8.59	2.1	32.8	8.52	2.1	32.7	10.90	5.5	36.8
3	10.41	1.5	36.5	10.38	1.6	36.4	11.04	4.4	38.7
4	12.66	2.5	37.9	12.66	2.7	37.8	12.69	3.3	39.2
5	14.37	2.4	38.5	14.16	3.0	38.4	16.03	5.3	39.1
6	15.89	2.7	38.9	15.72	3.5	38.7	16.60	3.6	39.6
7	17.41	3.7	39.9	17.63	4.5	39.9	16.60	5.6	40.0
8	19.94	3.9	39.9	19.79	5.2	39.8	20.53	4.0	40.0
9	20.44	6.8	42.4	20.60	8.9	43.3	—	—	—
Not able to be leveled	35.71	14.3	51.0	—	—	—	—	—	—
11.20	4.4	37.5	11.20	4.5	37.5	—	—	—	
Nursery workers									
1	8.23	9.2	37.6	8.26	9.5	37.5	—	—	—
2	7.35	10.8	39.3	7.35	10.8	39.3	—	—	—
Supervisors, agriculture-related workers									
5	18.17	6.7	40.0	17.76	8.5	40.1	19.45	6.5	39.8
6	14.24	8.1	40.0	—	—	—	15.01	6.8	40.0
7	18.23	8.4	40.0	—	—	—	—	—	—
8	18.75	14.5	39.8	17.49	21.4	39.7	21.63	5.4	40.0
9	23.00	12.9	40.0	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...									
1	11.16	2.9	37.2	10.25	3.4	36.6	13.03	4.6	38.5
2	8.97	4.5	35.6	8.87	5.6	35.5	9.33	3.8	36.1
3	9.74	3.7	37.1	9.42	4.6	36.5	10.75	7.6	38.9
4	11.43	3.4	38.4	11.24	4.3	37.8	11.74	5.3	39.6
5	14.37	6.9	38.3	11.91	3.9	38.4	16.55	8.1	38.2
6	15.73	4.1	39.3	14.79	4.0	40.0	16.66	5.6	38.7
7	17.91	5.1	40.0	—	—	—	17.92	5.1	40.0
8	20.63	10.8	42.5	—	—	—	22.01	14.6	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 July 2002—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									
Groundskeepers and gardeners, except farm—Continued									
Not able to be leveled	\$11.07	8.1	31.0	\$11.07	8.1	31.0	—	—	—
Animal caretakers, except farm	10.48	9.3	32.6	9.17	6.4	31.3	\$15.20	15.3	38.5
1	6.79	6.3	19.1	6.65	5.7	18.7	—	—	—
2	8.76	9.9	33.6	8.42	11.8	32.5	10.36	18.3	40.0
4	17.36	5.1	37.5	—	—	—	—	—	—
Inspectors, agricultural products	9.55	16.9	38.6	9.55	16.9	38.6	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.									
3	18.31	5.9	39.3	18.32	6.9	39.2	18.30	5.9	40.0
4	10.62	14.0	40.2	10.62	14.0	40.2	—	—	—
5	16.14	8.6	34.5	16.12	9.1	34.2	—	—	—
6	16.22	5.5	39.4	15.73	5.3	39.3	19.12	11.6	39.9
7	16.50	7.0	39.9	16.92	7.9	39.9	13.80	17.0	40.0
8	20.34	5.0	40.0	20.30	5.9	40.0	20.58	4.0	40.0
Not able to be leveled	19.02	7.8	42.4	18.18	13.3	44.3	—	—	—
Not able to be leveled	20.08	7.7	39.7	20.08	7.7	39.7	—	—	—
Helpers, mechanics and repairers									
1	11.61	4.5	38.6	11.12	4.4	38.6	14.86	7.1	38.5
2	9.29	8.5	37.3	9.14	8.8	37.3	—	—	—
3	10.62	5.2	39.6	10.59	5.4	39.6	11.23	8.7	40.0
4	12.03	6.5	39.2	11.23	6.3	40.0	15.95	8.7	35.7
5	13.61	3.8	38.4	13.13	4.6	38.4	15.55	8.7	38.1
Not able to be leveled	16.93	11.4	38.7	16.58	19.3	37.8	—	—	—
Not able to be leveled	11.84	22.9	37.2	12.67	27.9	36.3	—	—	—
Helpers, construction trades									
1	11.26	3.1	39.4	11.19	3.2	39.4	13.45	6.4	40.0
2	8.84	4.7	38.8	8.84	4.7	38.8	—	—	—
3	10.48	5.5	39.6	10.47	5.6	39.6	10.78	12.1	40.0
4	12.89	4.5	39.3	12.86	4.6	39.3	13.79	9.4	40.0
5	12.08	7.5	39.9	12.02	8.1	39.9	12.87	9.0	40.0
Not able to be leveled	16.92	8.4	38.9	16.96	14.6	38.3	—	—	—
Not able to be leveled	11.27	6.0	39.9	11.27	6.0	39.9	—	—	—
Helpers, extractive									
Construction laborers	11.11	18.2	40.0	11.11	18.2	40.0	—	—	—
1	13.00	4.2	38.8	13.05	4.6	38.8	12.60	5.0	39.0
2	9.23	4.2	38.9	9.22	4.6	38.9	9.40	7.2	38.5
3	11.55	7.1	39.6	11.69	7.8	39.8	10.26	9.7	37.6
4	14.73	7.7	37.2	14.91	8.6	36.9	13.44	5.4	39.5
5	17.11	7.6	39.5	17.47	9.0	39.5	14.84	4.9	40.0
6	18.90	4.7	38.2	19.55	5.3	37.8	16.29	6.0	40.0
7	19.54	7.5	40.0	19.93	8.0	40.0	—	—	—
Not able to be leveled	22.67	11.8	40.0	—	—	—	—	—	—
Not able to be leveled	13.06	18.4	37.7	13.06	18.4	37.7	—	—	—
Production helpers									
1	10.01	3.5	39.1	10.00	3.5	39.1	11.83	12.8	22.8
2	7.77	5.2	39.4	7.77	5.2	39.6	—	—	—
3	10.73	4.8	38.6	10.73	4.8	38.6	—	—	—
4	12.06	4.4	39.2	12.07	4.5	39.6	—	—	—
5	13.92	4.0	39.8	13.90	4.0	39.8	—	—	—
Not able to be leveled	12.97	8.3	34.0	12.97	8.3	34.0	—	—	—
Not able to be leveled	11.76	6.6	39.0	11.76	6.6	39.0	—	—	—
Garbage collectors									
1	14.54	8.7	40.6	13.42	9.3	41.2	16.40	12.4	39.7
2	12.77	9.1	40.9	—	—	—	13.16	7.5	39.1
3	17.58	15.5	40.1	—	—	—	12.58	13.0	39.5
4	12.61	9.6	40.0	—	—	—	14.06	7.6	40.0
Not able to be leveled	20.16	4.3	40.0	—	—	—	20.16	4.3	40.0
Stevedores									
Stock handlers and baggers	16.95	19.8	36.2	16.91	20.3	36.1	—	—	—
1	9.56	1.9	29.5	9.55	1.9	29.5	12.79	8.9	36.8
2	7.49	1.5	25.3	7.49	1.5	25.3	—	—	—
3	9.52	2.3	31.5	9.52	2.3	31.5	—	—	—
4	12.05	4.2	35.6	12.04	4.3	35.5	—	—	—
Not able to be leveled	13.20	3.0	38.3	13.19	3.0	38.4	—	—	—

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 July 2002—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									
Stock handlers and baggers—Continued									
5	\$14.46	8.2	39.5	\$14.46	8.3	39.5	—	—	—
6	14.45	8.8	39.3	14.45	8.8	39.3	—	—	—
Not able to be leveled	10.58	12.9	34.8	10.58	12.9	34.8	—	—	—
Machine feeders and offbearers	10.48	3.0	39.1	10.49	3.0	39.1	—	—	—
1	9.05	5.1	39.2	9.05	5.1	39.2	—	—	—
2	10.22	5.7	39.4	10.27	5.9	39.4	—	—	—
3	12.37	7.0	39.1	12.37	7.0	39.1	—	—	—
4	12.87	10.9	39.8	12.87	10.9	39.8	—	—	—
5	16.07	2.3	39.1	16.07	2.3	39.1	—	—	—
Not able to be leveled	11.03	5.9	37.7	11.03	5.9	37.7	—	—	—
Freight, stock, and material handlers, n.e.c.	12.10	4.9	34.9	12.09	4.9	34.8	\$12.59	11.6	40.0
1	9.78	6.5	32.3	9.78	6.6	32.3	—	—	—
2	10.76	5.6	34.2	10.77	5.6	34.1	—	—	—
3	14.95	6.6	38.2	14.98	6.6	38.2	—	—	—
4	14.64	9.7	37.3	14.67	9.8	37.3	—	—	—
5	15.64	4.8	39.0	15.54	5.0	39.0	—	—	—
6	18.38	3.5	40.5	18.38	3.5	40.5	—	—	—
Not able to be leveled	10.80	10.1	34.4	10.80	10.1	34.4	—	—	—
Garage and service station related	9.87	6.6	37.3	9.80	6.8	37.2	12.59	6.1	40.0
1	7.29	2.7	32.3	7.29	2.7	32.3	—	—	—
2	8.31	5.2	37.5	8.23	5.3	37.5	—	—	—
3	9.97	8.8	38.1	9.97	9.0	38.1	—	—	—
4	14.96	14.9	38.7	14.97	15.6	38.7	—	—	—
Vehicle washers and equipment cleaners	9.88	2.8	37.1	9.85	2.9	37.1	13.55	6.9	36.7
1	8.77	4.1	35.9	8.77	4.1	35.9	—	—	—
2	11.74	4.9	38.4	11.73	5.0	38.4	—	—	—
4	13.54	10.0	38.2	13.39	11.2	38.0	—	—	—
5	12.36	8.0	39.8	12.36	8.0	39.8	—	—	—
Hand packers and packagers	9.31	3.7	36.9	9.31	3.7	36.9	—	—	—
1	8.25	3.8	36.2	8.25	3.8	36.2	—	—	—
2	9.84	4.9	36.8	9.84	4.9	36.8	—	—	—
3	12.66	5.0	39.7	12.66	5.0	39.7	—	—	—
4	12.30	4.4	39.7	12.30	4.4	39.7	—	—	—
5	13.12	8.3	39.8	13.12	8.3	39.8	—	—	—
Not able to be leveled	8.59	4.0	35.9	8.59	4.0	35.9	—	—	—
Laborers, except construction, n.e.c.	10.62	2.4	36.9	10.39	2.6	36.7	12.96	3.8	38.5
1	8.92	4.0	35.4	8.73	4.2	35.2	11.52	9.3	36.9
2	10.70	3.0	37.6	10.61	3.2	37.5	11.69	6.7	38.6
3	12.26	4.4	38.9	12.13	5.0	38.8	13.21	6.5	40.0
4	14.49	8.2	38.9	14.48	10.0	38.8	14.56	4.7	39.8
5	15.95	6.5	38.5	15.45	8.9	38.0	17.37	5.5	40.0
6	15.91	8.5	39.4	15.97	10.1	39.3	—	—	—
Not able to be leveled	10.38	7.3	37.6	10.38	7.3	37.7	—	—	—
Service	10.32	1.3	31.6	8.85	1.0	30.5	16.19	1.3	36.9
1	7.14	1.1	27.1	6.95	1.3	26.9	9.59	2.6	30.3
2	7.80	1.6	30.2	7.48	1.3	30.0	10.25	2.2	32.0
3	9.34	1.9	33.7	8.93	1.9	33.5	11.67	2.1	34.9
4	11.58	1.2	34.6	11.28	1.6	34.3	12.98	1.8	36.1
5	14.31	2.1	36.9	13.77	2.3	35.1	14.99	3.8	39.2
6	16.55	3.0	38.5	14.82	4.9	35.6	17.83	3.1	40.9
7	20.33	1.7	38.1	18.66	3.8	33.2	21.19	1.4	41.2
8	22.25	1.8	40.1	20.87	7.7	37.6	22.59	1.3	40.7
9	26.64	1.9	41.4	23.32	6.4	43.7	26.81	1.9	41.3
10	30.29	3.2	41.1	32.65	6.4	41.0	30.06	3.3	41.1
11	34.39	7.0	41.2	—	—	—	34.44	7.1	41.2
Not able to be leveled	9.18	4.3	31.3	8.99	4.6	31.1	18.33	12.9	38.4
Protective service	16.83	2.3	37.0	10.51	4.0	32.6	20.17	2.0	39.8

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 July 2002—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									
1	\$8.53	4.3	30.7	\$8.46	4.7	32.6	\$9.25	5.3	18.8
2	8.31	2.5	30.2	8.19	2.7	30.2	9.72	6.6	29.7
3	10.03	2.3	32.9	9.67	2.7	33.7	12.47	4.4	28.6
4	12.71	2.9	35.1	11.43	4.5	34.0	13.69	2.9	35.9
5	14.71	3.9	39.6	13.06	4.9	37.2	15.04	4.9	40.1
6	18.20	3.1	39.0	18.86	3.5	25.3	18.13	3.2	41.4
7	21.31	1.7	40.6	19.29	7.8	32.0	21.46	1.7	41.4
8	22.63	1.1	40.6	25.62	11.5	25.6	22.59	1.2	40.9
9	26.67	1.9	41.3	—	—	—	26.77	1.9	41.4
10	30.24	3.3	41.1	33.13	9.5	40.0	30.08	3.3	41.1
11	34.39	7.0	41.2	—	—	—	34.44	7.1	41.2
Not able to be leveled	13.85	12.6	38.0	12.34	14.1	37.5	19.62	15.8	39.7
Supervisors, firefighters and fire prevention	24.50	4.7	49.0	—	—	—	24.50	4.7	49.0
6	13.55	8.2	52.1	—	—	—	13.55	8.2	52.1
7	20.45	6.1	47.6	—	—	—	20.45	6.1	47.6
8	22.07	5.5	48.8	—	—	—	22.07	5.5	48.8
9	26.77	8.9	50.4	—	—	—	26.77	8.9	50.4
10	24.87	12.0	47.8	—	—	—	24.87	12.0	47.8
11	35.75	8.9	47.2	—	—	—	35.75	8.9	47.2
Supervisors, police and detectives	28.77	2.9	40.2	—	—	—	28.83	2.9	40.2
6	17.03	16.5	40.0	—	—	—	17.20	16.1	40.0
7	21.90	7.1	39.9	—	—	—	21.90	7.1	39.9
8	23.73	7.6	40.3	—	—	—	23.73	7.6	40.3
9	30.91	3.4	40.1	—	—	—	30.91	3.4	40.1
10	32.03	3.4	40.2	—	—	—	32.03	3.4	40.2
11	37.04	7.3	40.2	—	—	—	37.04	7.3	40.2
Supervisors, guards	19.78	5.7	38.4	17.90	6.5	38.5	23.87	9.1	38.2
4	13.66	10.4	34.7	14.16	10.7	38.0	—	—	—
5	13.59	5.7	37.9	13.46	6.4	37.6	—	—	—
6	16.65	4.6	39.7	16.94	6.8	39.5	16.01	3.7	40.1
7	22.50	3.7	38.3	—	—	—	24.44	8.0	38.3
8	25.33	7.7	40.0	—	—	—	24.13	3.8	40.1
10	34.68	4.9	40.0	—	—	—	—	—	—
Fire inspection and fire prevention	20.41	8.8	39.0	—	—	—	20.37	9.4	38.9
6	21.81	8.3	41.6	—	—	—	—	—	—
7	18.08	14.3	43.9	—	—	—	18.06	15.4	44.1
Firefighting	17.91	2.6	44.2	13.24	25.1	37.9	18.05	2.5	44.4
3	10.96	17.3	14.8	—	—	—	10.96	17.3	14.8
4	14.71	4.5	41.0	—	—	—	14.71	4.5	41.0
5	16.30	4.2	45.6	—	—	—	16.53	4.0	45.3
6	16.93	4.5	47.2	—	—	—	16.90	4.6	47.0
7	19.74	4.6	45.6	—	—	—	20.12	4.1	46.5
8	18.94	3.0	48.7	—	—	—	18.94	3.0	48.7
9	26.11	7.3	46.6	—	—	—	26.11	7.3	46.6
Police and detectives, public service	22.64	1.0	39.4	16.08	11.2	29.3	22.66	1.0	39.5
3	13.46	12.2	38.2	—	—	—	13.46	12.2	38.2
4	15.64	8.6	35.1	—	—	—	15.64	8.6	35.1
5	17.51	3.6	35.4	—	—	—	17.70	3.6	35.2
6	19.83	2.9	39.2	—	—	—	19.82	2.9	39.5
7	22.60	1.6	39.8	—	—	—	22.60	1.6	39.8
8	23.25	1.8	39.9	—	—	—	23.25	1.8	39.9
9	25.52	2.6	40.0	—	—	—	25.52	2.6	40.0
10	31.17	6.3	39.8	—	—	—	31.17	6.3	39.8
Sheriffs, bailiffs, and other law enforcement officers	18.58	1.9	38.2	—	—	—	18.66	1.9	38.2
2	8.73	13.7	34.8	—	—	—	8.73	13.7	34.8
3	14.77	10.7	33.3	—	—	—	16.61	6.7	32.1
4	15.30	5.6	32.9	—	—	—	15.30	5.6	32.9
5	14.86	9.1	39.7	—	—	—	14.86	9.1	39.7
6	17.30	5.4	39.5	—	—	—	17.30	5.4	39.5
7	20.25	3.8	39.9	—	—	—	20.26	3.8	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 July 2002—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									
Sheriffs, bailiffs, and other law enforcement officers—Continued									
8	\$21.11	7.5	38.8	—	—	—	\$21.11	7.5	38.8
9	25.77	1.1	40.0	—	—	—	25.77	1.1	40.0
Correctional institution officers									
2	16.43	5.1	39.7	—	—	—	16.53	5.2	39.7
3	11.19	6.4	40.2	—	—	—	11.19	6.4	40.2
4	9.63	9.9	40.4	—	—	—	9.93	11.8	40.5
5	13.18	4.9	39.1	—	—	—	13.23	4.9	39.3
6	14.29	6.1	39.8	—	—	—	14.32	6.3	39.8
7	18.53	8.7	39.5	—	—	—	18.53	8.7	39.5
8	21.99	4.0	39.9	—	—	—	21.99	4.0	39.9
8	22.02	4.7	40.0	—	—	—	22.02	4.7	40.0
Crossing guards									
1	9.60	4.9	17.9	—	—	—	9.60	4.9	17.9
2	9.07	5.6	17.4	—	—	—	9.07	5.6	17.4
3	10.69	5.4	20.0	—	—	—	10.69	5.4	20.0
3	8.61	9.1	16.1	—	—	—	8.61	9.1	16.1
Guards and police, except public service									
1	10.24	2.9	33.3	\$10.04	3.0	33.2	13.67	3.7	35.1
2	8.46	4.8	32.8	8.47	4.8	32.9	7.80	5.9	23.5
3	8.24	2.8	30.9	8.23	2.9	31.1	9.26	13.1	22.7
4	9.89	2.8	35.2	9.73	2.8	35.1	13.49	7.7	37.0
5	11.23	4.8	35.9	11.33	4.8	36.1	10.35	15.9	34.8
6	13.59	4.7	36.9	13.25	6.2	36.7	14.97	5.9	37.7
7	19.42	3.6	20.8	20.45	3.4	18.5	15.58	7.9	38.8
8	19.70	5.5	24.4	19.65	6.7	23.7	19.92	4.2	28.1
8	23.04	4.2	20.9	—	—	—	—	—	—
Not able to be leveled	12.31	14.5	37.4	12.19	15.4	37.3	—	—	—
Protective service, n.e.c.									
1	11.72	6.5	25.8	8.26	4.3	20.5	14.59	6.9	32.9
2	9.17	14.2	20.4	—	—	—	10.04	14.9	23.0
3	7.92	4.8	23.3	7.74	5.5	23.2	9.28	12.0	24.5
4	10.21	7.7	19.6	8.30	7.1	15.3	12.06	4.2	26.8
5	10.73	6.4	25.9	8.29	7.5	17.5	11.91	6.0	33.8
6	15.15	8.2	37.3	9.24	9.2	29.0	15.88	9.1	38.7
7	16.41	8.4	39.7	—	—	—	16.30	9.0	39.7
7	17.20	14.4	40.6	—	—	—	—	—	—
Food service									
1	7.41	1.1	28.4	7.26	1.2	28.3	10.31	1.9	30.0
2	6.28	1.2	25.4	6.21	1.3	25.3	8.61	2.1	27.5
3	6.30	2.3	27.1	6.12	2.3	27.2	9.49	2.6	25.4
4	7.63	1.7	31.7	7.46	1.8	31.7	10.06	2.9	31.8
5	9.90	1.9	35.5	9.78	2.1	35.5	11.15	5.0	35.4
6	12.30	4.7	38.7	12.05	5.0	39.0	13.73	6.0	36.9
7	12.57	9.2	42.8	12.51	9.7	43.1	14.04	7.2	37.5
8	15.94	6.0	42.9	15.96	6.3	43.1	15.52	7.0	40.0
9	17.87	5.2	40.4	18.02	5.5	40.9	—	—	—
9	25.09	5.2	45.6	25.18	5.2	45.7	—	—	—
Not able to be leveled	7.48	5.2	28.1	7.45	5.1	28.1	—	—	—
Waiters, waitresses, and bartenders									
1	4.88	2.7	26.5	4.86	2.7	26.5	12.65	12.0	24.7
2	4.73	3.8	25.9	4.73	3.8	25.9	—	—	—
3	4.45	5.0	25.9	4.43	5.0	25.9	—	—	—
4	5.12	5.1	29.3	5.12	5.1	29.3	—	—	—
4	7.31	8.5	26.9	7.30	8.5	26.9	—	—	—
Not able to be leveled	5.28	14.5	20.8	5.28	14.5	20.8	—	—	—
Bartenders									
1	6.75	3.8	27.3	6.75	3.8	27.3	—	—	—
2	5.61	15.5	29.7	5.61	15.5	29.7	—	—	—
3	6.09	8.4	25.0	6.09	8.4	25.0	—	—	—
4	6.71	5.2	29.4	6.71	5.2	29.4	—	—	—
4	7.73	8.9	26.7	7.72	9.0	26.7	—	—	—
Not able to be leveled	7.49	14.1	19.9	7.49	14.1	19.9	—	—	—
Waiters and waitresses									
1	4.21	3.3	26.5	4.20	3.3	26.5	—	—	—
2	4.25	5.8	26.0	4.25	5.8	26.0	—	—	—
3	3.98	5.2	26.0	3.98	5.2	26.0	—	—	—
3	4.33	7.7	29.3	4.33	7.7	29.3	—	—	—

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 July 2002—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									
Waiters, waitresses, and bartenders—Continued									
Waiters and waitresses—Continued									
4	\$6.08	18.7	27.5	\$6.08	18.7	27.5	—	—	—
5	9.82	37.9	35.5	—	—	—	—	—	—
Not able to be leveled	4.27	18.9	20.2	4.27	18.9	20.2	—	—	—
Waiters'/Waitresses' assistants	6.01	3.2	25.9	5.98	3.3	25.9	\$11.50	13.6	21.3
1	5.87	4.1	25.5	5.87	4.2	25.5	—	—	—
2	6.15	9.5	27.1	5.90	8.9	27.2	—	—	—
3	9.33	5.2	27.5	9.33	5.2	27.5	—	—	—
Not able to be leveled	6.36	6.8	27.6	6.36	6.8	27.6	—	—	—
Other food service	8.45	1.2	29.2	8.31	1.2	29.1	10.29	1.9	30.1
1	6.95	.9	25.2	6.87	1.0	25.1	8.60	2.1	27.6
2	7.64	1.4	28.0	7.45	1.3	28.3	9.45	2.3	25.5
3	8.87	1.5	33.1	8.74	1.7	33.2	10.06	2.9	31.8
4	10.23	1.8	37.0	10.13	2.1	37.1	11.16	5.0	35.5
5	12.75	3.8	39.3	12.58	3.9	39.7	13.65	6.2	36.9
6	12.75	9.7	42.9	12.69	10.1	43.2	14.04	7.2	37.5
7	15.94	6.0	43.0	15.96	6.3	43.1	15.52	7.0	40.0
8	17.87	5.2	40.4	18.02	5.5	40.9	—	—	—
9	25.09	5.2	45.6	25.18	5.2	45.7	—	—	—
Not able to be leveled	7.86	7.7	30.0	7.82	7.6	29.9	—	—	—
Supervisors, food preparation and service	12.61	2.6	38.9	12.55	2.6	39.1	13.17	6.0	37.4
1	7.63	4.2	20.5	7.63	4.2	20.5	—	—	—
2	7.95	3.5	28.7	7.93	3.7	28.6	—	—	—
3	8.49	3.8	33.3	8.45	3.8	33.2	—	—	—
4	10.51	2.5	37.3	10.42	2.6	37.5	11.20	7.3	35.5
5	13.18	6.6	40.6	13.06	7.1	41.3	13.67	8.4	38.0
6	12.45	13.9	44.2	12.37	14.8	44.7	13.79	8.0	37.5
7	16.13	6.3	43.6	16.17	6.7	43.8	—	—	—
8	17.75	5.8	40.5	17.91	6.2	41.0	—	—	—
9	25.18	5.2	45.7	25.18	5.2	45.7	—	—	—
Not able to be leveled	14.51	7.6	37.6	14.51	7.6	37.6	—	—	—
Cooks	9.10	1.5	33.6	9.00	1.6	33.6	10.47	2.8	33.1
1	6.78	2.5	28.7	6.61	2.3	28.4	9.19	6.5	32.5
2	7.63	3.1	30.8	7.54	3.1	31.0	8.95	5.6	29.0
3	9.20	1.8	34.8	9.08	2.0	34.8	10.36	5.1	34.9
4	10.00	2.7	36.8	9.91	2.8	36.9	11.62	5.3	34.6
5	12.19	3.8	37.6	12.12	4.1	38.1	13.17	7.7	31.9
6	13.55	4.0	39.8	13.53	4.0	39.8	—	—	—
7	12.31	11.5	35.0	12.02	12.3	34.7	—	—	—
Not able to be leveled	9.22	4.9	31.7	9.14	4.9	31.6	—	—	—
Food counter, fountain, and related	6.96	1.7	26.3	6.94	1.7	26.4	8.80	6.0	23.7
1	6.63	1.6	24.7	6.62	1.7	24.7	8.29	4.5	22.6
2	7.05	2.7	23.6	7.01	2.8	23.6	9.47	8.4	24.4
3	7.81	3.0	30.0	7.76	2.9	30.3	8.79	12.1	23.9
4	11.23	12.1	37.9	11.23	12.1	37.9	—	—	—
Kitchen workers, food preparation	7.75	2.0	28.6	7.63	2.0	28.6	8.94	2.8	29.4
1	6.92	2.5	27.1	6.84	2.7	26.8	8.34	3.2	34.1
2	7.91	2.4	27.8	7.79	2.4	28.4	8.86	4.8	23.7
3	9.07	4.0	31.3	9.08	4.3	31.3	8.97	5.4	30.8
4	9.86	4.2	37.2	10.00	5.0	37.3	9.67	6.8	37.2
Not able to be leveled	7.12	19.7	34.1	7.12	19.7	34.1	—	—	—
Food preparation, n.e.c.	7.48	1.1	25.6	7.27	1.2	25.5	9.82	2.5	27.0
1	7.10	1.3	24.4	7.02	1.4	24.4	8.63	2.4	25.5
2	7.65	2.1	27.6	7.23	1.8	28.0	10.15	2.1	25.1
3	8.65	3.4	32.5	8.30	3.3	33.1	10.20	3.8	29.9
4	11.41	10.7	37.1	10.94	12.3	37.7	13.61	9.8	34.5
5	11.31	9.2	36.4	—	—	—	—	—	—
Not able to be leveled	7.22	5.8	20.3	7.16	5.7	20.2	—	—	—
Health service	10.54	1.8	34.1	10.24	2.0	33.8	12.52	2.3	36.7
1	7.68	4.4	29.2	7.63	5.1	28.8	8.17	8.8	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 July 2002—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									
2	\$8.99	1.4	34.0	\$8.77	1.4	33.6	\$10.73	4.4	36.5
3	10.14	1.6	34.3	9.88	1.8	34.0	12.01	2.3	36.0
4	11.57	1.2	34.3	11.43	1.3	33.9	12.41	3.1	37.1
5	13.40	3.3	36.3	12.73	4.9	35.9	14.97	4.7	37.2
6	16.66	8.8	34.2	16.62	11.8	33.1	16.80	7.1	38.4
7	17.49	3.2	39.2	—	—	—	17.78	3.6	39.4
Not able to be leveled	9.67	7.4	35.3	9.65	7.4	35.3	—	—	—
Dental assistants	14.47	7.0	35.5	14.49	7.1	35.4	13.44	16.6	36.3
3	12.07	5.4	37.1	12.09	5.5	37.1	—	—	—
4	14.24	3.1	33.1	14.37	3.2	32.7	—	—	—
5	14.57	14.8	34.6	13.51	9.3	36.8	—	—	—
Health aides, except nursing	11.49	3.7	34.2	11.17	4.7	33.7	13.26	4.0	36.7
1	7.26	13.3	26.0	7.35	15.1	25.4	—	—	—
2	9.36	3.6	35.6	9.06	3.6	35.9	11.85	12.7	33.0
3	10.12	3.6	33.3	9.52	2.6	32.8	13.06	4.9	35.9
4	11.98	2.9	34.6	11.84	3.3	34.2	12.94	4.8	38.4
5	13.40	4.5	36.4	13.26	5.4	36.6	13.80	7.5	36.0
6	14.16	3.8	35.9	13.64	5.3	34.4	15.23	6.0	39.3
7	16.75	5.5	39.9	15.87	12.3	39.8	—	—	—
Not able to be leveled	13.42	13.5	38.3	13.43	13.6	38.3	—	—	—
Nursing aides, orderlies and attendants	9.80	1.3	34.0	9.43	1.4	33.6	12.20	2.3	36.7
1	7.86	3.1	30.8	7.75	3.3	30.6	8.94	9.8	33.1
2	8.89	1.5	33.6	8.67	1.4	33.2	10.51	4.5	37.2
3	9.95	1.5	34.2	9.69	1.7	33.9	11.75	2.4	36.0
4	10.86	1.2	34.2	10.63	1.2	33.9	12.13	4.1	36.3
5	13.28	4.0	36.3	11.75	5.6	34.7	15.87	3.9	39.2
6	15.63	9.0	33.6	11.65	3.6	30.8	19.58	15.8	36.9
7	16.34	7.9	39.3	11.99	13.9	40.0	18.24	3.0	39.0
Not able to be leveled	8.65	5.3	34.7	8.63	5.2	34.7	—	—	—
Cleaning and building service	10.23	2.0	34.7	9.69	2.0	33.8	12.26	2.7	38.3
1	8.44	1.8	32.0	8.18	2.3	31.4	10.22	3.0	37.1
2	9.90	2.0	35.6	9.67	2.3	34.9	10.59	2.4	38.0
3	11.47	1.4	38.0	10.78	2.5	37.5	12.70	3.0	39.0
4	12.81	2.3	39.4	12.42	3.1	39.4	13.82	2.2	39.4
5	15.24	3.9	39.1	14.88	5.3	39.0	16.14	2.9	39.3
6	14.64	5.1	40.1	14.65	6.0	40.2	14.64	10.0	39.9
7	18.76	7.0	39.9	17.24	2.6	39.9	20.83	6.1	40.0
8	22.38	9.4	40.5	23.24	11.6	41.1	19.75	6.8	38.9
Not able to be leveled	10.31	7.5	34.9	10.31	7.5	34.9	—	—	—
Supervisors, cleaning and building service workers	14.73	4.0	39.6	13.77	5.0	39.6	17.64	9.3	39.8
3	9.83	4.3	37.6	9.42	4.9	37.0	11.36	5.3	39.8
4	12.61	6.0	39.9	12.43	6.7	39.9	14.14	6.6	39.5
5	13.48	7.9	39.0	12.86	10.2	38.8	15.33	6.7	39.6
6	14.21	9.2	40.4	14.68	11.5	40.6	—	—	—
7	18.83	8.6	40.1	—	—	—	21.80	6.4	40.0
8	22.71	10.2	43.9	23.83	12.9	46.2	19.75	6.8	38.9
Not able to be leveled	13.15	11.7	40.0	13.15	11.7	40.0	—	—	—
Maids and housemen	8.21	1.6	34.6	8.20	1.7	34.6	8.53	7.7	36.4
1	7.88	1.7	34.3	7.87	1.7	34.2	8.16	8.0	35.7
2	8.38	2.3	36.4	8.38	2.4	36.3	8.42	3.8	39.1
3	9.67	3.5	37.7	9.61	3.7	37.8	—	—	—
4	14.52	7.1	38.2	14.52	7.1	38.2	—	—	—
Not able to be leveled	8.13	7.0	31.0	8.13	7.0	31.0	—	—	—
Janitors and cleaners	10.38	2.1	34.2	9.81	3.1	32.9	11.91	1.8	38.3
1	8.72	2.3	31.0	8.37	3.2	29.9	10.37	3.0	37.2
2	10.25	2.1	35.4	10.07	2.7	34.4	10.66	2.3	37.9
3	11.83	1.5	38.1	11.13	2.7	37.4	12.74	3.1	39.0
4	12.68	3.7	39.2	12.04	6.1	39.1	13.73	2.0	39.3
5	16.12	4.4	39.1	15.96	5.6	39.1	16.51	3.7	39.1
6	15.50	6.9	39.9	14.96	7.4	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 July 2002—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									
Cleaning and building service—Continued									
Janitors and cleaners—Continued									
7	\$17.93	3.3	40.0	\$19.73	7.6	40.0	\$17.40	2.4	40.0
Not able to be leveled	10.87	7.8	36.4	10.87	7.8	36.4	—	—	—
Pest control	12.70	6.2	39.0	12.60	6.4	39.0	—	—	—
3	9.69	10.7	38.7	9.69	10.7	38.7	—	—	—
Personal service	10.28	3.7	29.2	10.17	3.8	29.3	11.06	4.1	28.5
1	7.14	2.1	22.4	6.91	1.7	22.8	8.97	7.5	19.3
2	7.49	6.3	29.9	7.12	5.6	30.4	9.97	7.9	27.0
3	8.69	8.0	33.2	8.53	8.6	33.5	9.50	5.7	31.8
4	12.51	5.4	32.1	12.45	6.5	32.0	13.00	4.2	32.4
5	16.68	6.3	28.1	17.08	6.9	27.1	14.43	5.2	35.1
6	14.71	3.4	34.4	14.79	3.7	34.9	13.88	5.8	30.2
7	23.10	10.0	23.2	23.61	10.4	22.5	16.52	8.2	40.0
8	19.49	6.4	39.8	18.23	5.8	40.4	—	—	—
9	24.40	11.0	40.9	—	—	—	—	—	—
Not able to be leveled	9.30	7.1	29.2	9.25	7.2	29.2	—	—	—
Supervisors, personal service	15.16	4.1	39.4	14.93	4.8	39.5	17.43	8.9	37.8
3	8.63	6.4	39.1	—	—	—	—	—	—
4	9.92	14.6	36.2	9.75	14.3	36.0	—	—	—
5	12.86	6.4	37.9	12.86	6.5	37.9	—	—	—
6	14.15	3.1	39.4	14.20	3.4	40.0	13.65	6.6	34.9
7	15.98	5.0	41.3	16.04	5.3	41.4	—	—	—
8	19.50	2.9	39.9	19.17	2.7	40.2	—	—	—
9	24.40	11.0	40.9	—	—	—	—	—	—
Not able to be leveled	21.10	12.7	41.0	20.87	14.3	41.1	—	—	—
Hairdressers and cosmetologists	13.12	7.3	26.1	13.12	7.3	26.1	—	—	—
2	9.79	12.2	34.6	9.80	12.3	34.7	—	—	—
3	12.53	21.7	25.1	12.53	21.7	25.1	—	—	—
4	12.30	6.8	32.9	12.30	6.8	32.9	—	—	—
5	15.64	5.2	30.8	15.64	5.2	30.8	—	—	—
6	18.55	8.9	30.4	18.55	8.9	30.4	—	—	—
Attendants, amusement, and recreation facilities	7.06	4.6	31.8	6.93	4.1	32.6	8.91	4.9	24.2
1	7.06	3.6	20.6	6.89	3.2	20.8	8.26	11.9	18.7
2	6.28	3.9	34.3	6.17	2.8	34.9	8.35	3.1	25.8
3	7.09	9.5	36.1	7.05	9.6	36.8	8.11	5.8	24.3
4	8.64	6.7	33.4	8.08	7.2	33.5	10.50	6.6	32.9
5	10.45	21.8	32.7	10.41	23.1	33.4	—	—	—
Not able to be leveled	7.89	8.9	33.6	7.89	8.9	33.6	—	—	—
Guides	12.05	12.7	31.5	12.23	12.5	32.5	7.85	2.2	18.1
2	8.63	4.9	28.4	8.63	4.9	28.4	—	—	—
Ushers	8.33	3.5	23.2	8.33	3.5	23.7	—	—	—
1	7.48	7.2	19.7	7.48	7.4	20.4	—	—	—
2	7.05	12.2	18.2	7.05	12.2	18.2	—	—	—
3	9.41	10.4	19.9	9.41	10.4	19.9	—	—	—
Public transportation attendants	30.95	2.5	19.5	32.87	3.0	18.6	14.59	15.1	31.7
1	9.82	10.6	26.6	9.04	15.0	22.9	—	—	—
2	7.71	7.0	21.5	—	—	—	—	—	—
3	12.69	8.1	34.1	—	—	—	—	—	—
6	23.34	9.3	25.7	23.34	9.3	25.7	—	—	—
Baggage porters and bellhops	7.21	6.1	36.8	7.21	6.1	36.8	—	—	—
1	6.25	5.0	37.2	6.25	5.0	37.2	—	—	—
2	7.55	7.7	34.1	7.55	7.7	34.1	—	—	—
3	7.06	5.7	38.2	7.06	5.7	38.2	—	—	—
4	12.84	7.7	35.9	12.84	7.7	35.9	—	—	—
Welfare service aides	9.10	5.3	28.4	8.78	5.3	27.5	11.31	7.7	36.4
1	6.44	2.7	23.8	6.35	3.0	22.7	—	—	—
2	7.68	5.4	23.4	7.56	5.7	22.6	8.92	4.5	35.5
3	9.02	4.3	30.1	8.64	4.0	29.4	11.19	9.3	35.3
4	10.90	5.6	34.4	10.69	6.3	34.0	12.72	6.2	37.5
5	13.36	5.5	36.7	11.74	3.4	36.1	15.10	12.1	37.4

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 July 2002—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									
Welfare service aides—Continued									
6	\$12.84	7.1	38.5	\$13.13	7.5	38.3	—	—	—
Not able to be leveled	7.82	9.4	27.3	7.82	9.4	27.3	—	—	—
Early childhood teachers' assistants	8.32	3.8	30.4	7.63	5.7	30.3	\$10.21	3.5	30.8
1	6.84	5.0	24.7	6.57	5.3	26.3	8.54	4.1	18.0
2	7.53	5.6	30.3	7.00	5.0	29.7	9.47	6.1	32.8
3	9.34	4.7	33.2	8.75	9.7	33.1	9.94	5.0	33.3
4	9.65	6.3	34.2	8.76	4.8	34.6	12.42	5.1	32.9
5	11.00	8.1	33.1	9.97	5.0	33.7	—	—	—
6	10.15	14.1	39.3	—	—	—	—	—	—
Child care workers, n.e.c.	9.27	4.1	28.7	8.61	3.1	29.8	11.39	13.4	25.5
1	7.63	4.7	17.8	7.48	5.7	19.1	8.43	6.4	13.2
2	8.24	10.7	27.1	6.92	5.2	28.5	11.94	13.5	23.6
3	8.45	5.0	34.8	8.63	5.1	36.0	7.98	12.9	31.8
4	10.95	5.4	34.3	10.31	5.4	36.0	14.16	7.4	27.5
5	12.56	6.0	37.5	11.39	5.9	37.5	13.96	4.4	37.4
6	15.63	7.4	26.2	15.13	9.7	31.4	—	—	—
7	15.24	10.0	40.0	—	—	—	—	—	—
Service, n.e.c.	10.36	3.0	29.7	10.22	3.3	29.9	11.69	4.8	27.7
1	7.57	5.5	26.2	7.14	2.7	26.4	11.92	13.6	25.1
2	8.59	8.4	26.8	8.63	8.9	27.7	8.08	8.2	18.7
3	11.29	5.6	31.9	11.27	6.3	32.1	11.42	5.2	29.8
4	12.49	6.6	33.0	12.54	7.3	32.9	12.13	5.8	34.1
5	11.72	5.4	32.0	11.12	5.3	31.9	14.06	6.3	32.3
6	13.18	12.1	30.2	13.19	12.3	30.0	—	—	—
7	10.55	14.4	36.1	—	—	—	—	—	—
Not able to be leveled	10.65	8.0	30.7	10.67	8.0	30.9	—	—	—

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

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, and so forth. 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. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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 earnings² by occupational group,³ National Compensation Survey,⁴ July 2002**

Occupational group	Total		Private industry		State and local government	
	Union	Nonunion	Union	Nonunion	Union	Nonunion
Mean						
All	\$20.65	\$16.42	\$18.76	\$16.06	\$23.35	\$19.82
White collar	24.93	20.53	22.26	20.23	26.22	22.73
White collar, excluding sales	25.71	21.95	24.35	21.80	26.26	22.79
Professional specialty and technical	32.23	25.92	33.24	25.97	31.95	25.74
Professional specialty	32.55	28.43	30.12	28.87	33.02	27.00
Technical	30.26	18.44	38.40	18.64	18.70	16.64
Executive, administrative, and managerial ...	26.73	31.48	24.70	31.67	27.26	30.18
Sales	12.78	14.58	12.64	14.60	16.36	11.19
Administrative support, including clerical	15.84	13.03	17.15	13.06	14.96	12.76
Blue collar	18.88	12.95	18.91	12.92	18.66	14.01
Precision production, craft, and repair	23.05	16.33	23.39	16.33	20.97	16.35
Machine operators, assemblers, and inspectors	16.54	11.69	16.51	11.69	18.99	11.41
Transportation and material moving	18.69	12.44	18.97	12.41	17.60	12.82
Handlers, equipment cleaners, helpers, and laborers	14.42	10.00	14.22	9.94	15.69	11.51
Service	16.22	8.98	12.37	8.48	18.94	12.93
Protective service	22.29	12.83	15.32	10.09	22.78	16.19
Food service	10.30	7.23	9.56	7.16	11.74	9.43
Health service	12.18	10.16	11.05	10.11	14.19	10.69
Cleaning and building service	12.71	9.37	11.93	9.17	13.79	10.64
Personal service	16.18	9.33	18.01	9.30	13.05	9.70
Relative error ⁵ (percent)						
All	0.8	1.0	0.9	1.0	1.4	1.6
White collar	1.3	1.0	1.6	1.2	2.0	1.4
White collar, excluding sales	1.4	1.0	1.6	1.1	2.0	1.3
Professional specialty and technical	1.0	1.5	2.8	2.0	1.2	1.5
Professional specialty	1.1	1.9	2.8	2.5	1.3	1.6
Technical	3.8	1.4	6.4	1.7	2.5	3.6
Executive, administrative, and managerial ...	3.4	2.6	13.9	3.0	5.1	2.3
Sales	5.2	2.3	5.4	2.3	6.5	5.2
Administrative support, including clerical	1.2	.6	1.3	.7	1.6	2.2
Blue collar	1.1	1.0	1.3	1.0	1.2	1.8
Precision production, craft, and repair9	1.1	1.1	1.2	2.3	2.8
Machine operators, assemblers, and inspectors	2.1	1.5	2.2	1.5	8.2	8.9
Transportation and material moving	1.8	1.9	2.2	2.1	1.1	2.0
Handlers, equipment cleaners, helpers, and laborers	1.5	1.7	1.9	1.7	2.8	4.1
Service	1.0	1.3	2.1	1.1	1.2	1.9
Protective service	1.4	2.5	7.7	3.7	1.2	3.0
Food service	2.4	1.2	3.5	1.2	2.9	1.7
Health service	3.4	1.9	4.7	2.1	2.1	3.3
Cleaning and building service	2.2	2.7	4.6	2.0	2.4	6.5
Personal service	5.4	3.2	9.7	3.3	4.5	3.3

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. See appendix B for more information.

⁴ This survey covers all 50 States. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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 July 2002

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	\$16.00	1.0	35.5	\$22.52	6.5	38.3
White collar	19.79	1.2	35.9	27.47	8.1	38.1
White collar, excluding sales	21.51	1.2	37.1	37.45	17.6	37.3
Professional specialty and technical	26.38	1.8	36.3	30.22	8.1	35.2
Professional specialty	28.89	2.3	36.4	31.50	7.3	38.9
Technical	20.28	1.8	35.9	21.67	18.6	21.5
Executive, administrative, and managerial ...	30.11	1.6	40.2	52.94	23.3	41.9
Sales	11.81	1.6	31.2	23.35	3.9	38.5
Administrative support, including clerical	13.32	.6	36.4	14.35	7.0	32.2
Blue collar	14.27	.9	38.1	16.14	3.2	40.4
Precision production, craft, and repair	18.10	1.2	39.6	19.13	4.4	40.5
Machine operators, assemblers, and inspectors	12.92	1.4	39.2	13.13	4.3	39.4
Transportation and material moving	13.56	1.6	37.2	17.52	3.5	43.0
Handlers, equipment cleaners, helpers, and laborers	10.75	1.2	35.4	12.89	7.7	35.7
Service	8.74	1.0	30.5	13.37	5.8	31.0

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.

See appendix B for more information.

⁴ This survey covers all 50 States. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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 \$14.43, compared with \$16.73 in establishments with 100 to 499 workers, and \$18.80 in establishments with 500 to 999 workers. Average hourly earnings were \$20.75 in establishments with 1,000 to 2,499 workers and \$23.30 in establishments with 2,500 or more workers.

Private industry vs. State and local government

In private industry, average hourly earnings ranged from \$14.39 in establishments with 1 to 99 workers to \$24.17 in establishments with 2,500 workers or more. (See table 3-2.) In State and local governments, the comparable range

was from \$17.39 to \$22.56 per hour. (See table 3-3.)

Occupational groups

Among occupational groups, average hourly earnings for employees were higher in large establishments—that is, establishments with 2,500 or more workers—than in the smallest establishment-size category studied (1 to 99 employees). In private industry, for example, white-collar workers in establishments with 1 to 99 workers had average hourly earnings of \$17.43, while those in establishments with 2,500 or more workers had average hourly earnings of \$28.05. Blue-collar workers in establishments with 1 to 99 workers averaged \$13.57 an hour, compared with \$21.32 for those in establishments with 2,500 or more workers. Comparable earnings for service workers in private establishments were \$8.23 and \$11.27 per hour, respectively.

TABLE 3-1. **United States, establishment employment size: Mean hourly earnings¹ by occupational group,² National Compensation Survey,³ July 2002**

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	\$14.43	\$16.73	\$18.80	\$20.75	\$23.30
White collar	17.48	20.96	23.01	24.84	26.19
White collar, excluding sales	19.10	22.08	23.71	25.26	26.29
Professional specialty and technical	23.77	25.65	28.12	27.97	30.34
Professional specialty	26.37	28.08	30.38	30.01	31.48
Technical	18.14	18.56	19.08	19.45	24.78
Executive, administrative, and managerial ...	28.02	31.85	32.36	38.68	32.35
Sales	13.56	16.41	13.45	16.22	19.77
Administrative support, including clerical	12.67	13.25	14.12	14.15	14.88
Blue collar	13.57	13.83	15.40	17.77	20.04
Precision production, craft, and repair	16.99	18.69	18.88	20.41	22.25
Machine operators, assemblers, and inspectors	11.17	12.25	13.49	17.90	20.79
Transportation and material moving	12.83	14.65	17.39	17.59	17.53
Handlers, equipment cleaners, helpers, and laborers	10.40	10.60	12.49	12.90	14.99
Service	8.31	10.10	11.77	11.87	15.34
	Relative error ⁵ (percent)				
All	1.2	1.4	2.3	3.5	2.0
White collar	2.0	2.0	2.4	4.1	1.4
White collar, excluding sales	2.3	2.0	2.2	4.3	1.3
Professional specialty and technical	3.4	3.3	2.0	1.4	1.1
Professional specialty	4.3	4.2	1.8	1.4	1.0
Technical	3.8	1.9	2.2	2.2	2.8
Executive, administrative, and managerial ...	4.6	4.0	2.4	15.8	3.2
Sales	2.3	4.3	6.7	8.4	10.8
Administrative support, including clerical	1.1	1.1	1.4	1.8	1.7
Blue collar	1.4	1.1	2.4	2.7	2.1
Precision production, craft, and repair	1.4	1.1	3.3	3.5	2.4
Machine operators, assemblers, and inspectors	2.7	1.3	2.6	3.6	3.0
Transportation and material moving	2.4	2.3	5.4	4.7	2.9
Handlers, equipment cleaners, helpers, and laborers	2.5	1.4	4.3	5.9	4.6
Service	1.4	1.0	3.8	4.3	5.2

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

³ This survey covers all 50 States. Data were collected

between December 2001 and January 2003. The average reference period was July 2002.

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 July 2002

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	\$14.39	\$16.35	\$17.86	\$20.66	\$24.17
White collar	17.43	20.64	22.17	25.07	28.05
White collar, excluding sales	19.05	21.87	23.05	25.66	28.29
Professional specialty and technical	23.66	25.10	26.95	27.95	31.74
Professional specialty	26.31	27.78	30.03	30.67	32.69
Technical	18.16	18.74	19.37	19.84	28.85
Executive, administrative, and managerial ...	28.08	32.21	32.61	40.67	36.26
Sales	13.56	16.42	13.48	16.24	20.73
Administrative support, including clerical	12.69	13.32	14.26	14.43	15.56
Blue collar	13.57	13.75	15.35	17.93	21.32
Precision production, craft, and repair	17.00	18.73	19.12	20.53	23.71
Machine operators, assemblers, and inspectors	11.17	12.25	13.49	17.91	20.91
Transportation and material moving	12.84	14.62	17.75	18.46	19.27
Handlers, equipment cleaners, helpers, and laborers	10.40	10.46	12.40	12.86	15.19
Service	8.23	9.13	9.44	9.96	11.27
	Relative error ⁴ (percent)				
All	1.2	1.6	2.9	4.9	3.9
White collar	2.0	2.3	2.9	5.9	2.1
White collar, excluding sales	2.4	2.4	2.8	6.2	1.9
Professional specialty and technical	3.5	4.1	2.3	1.6	2.0
Professional specialty	4.5	5.6	2.0	1.7	1.7
Technical	3.8	2.1	2.3	2.4	4.6
Executive, administrative, and managerial ...	4.6	4.4	3.4	19.6	2.3
Sales	2.3	4.3	7.0	8.7	12.8
Administrative support, including clerical	1.1	1.2	1.7	2.3	3.3
Blue collar	1.4	1.1	2.7	3.0	3.2
Precision production, craft, and repair	1.4	1.2	3.6	4.0	3.9
Machine operators, assemblers, and inspectors	2.7	1.3	2.7	3.7	3.2
Transportation and material moving	2.5	2.3	6.3	6.1	5.8
Handlers, equipment cleaners, helpers, and laborers	2.5	1.4	4.7	6.5	8.0
Service	1.4	1.1	2.7	3.3	11.4

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. See appendix B for more information.

³ This survey covers all 50 States. Data were collected

between December 2001 and January 2003. The average reference period was July 2002.

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 July 2002

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	\$17.39	\$19.89	\$21.93	\$20.98	\$22.56
White collar	21.30	23.09	25.08	24.32	24.69
White collar, excluding sales	21.31	23.15	25.20	24.36	24.73
Professional specialty and technical	26.63	27.54	30.01	28.01	29.26
Professional specialty	27.45	28.89	30.80	29.06	30.69
Technical	15.46	16.89	16.60	17.60	17.69
Executive, administrative, and managerial ...	23.57	28.96	31.50	31.71	28.70
Sales	12.69	11.70	12.77	15.36	12.81
Administrative support, including clerical	11.57	12.75	13.69	13.41	14.41
Blue collar	13.50	15.62	15.98	16.69	17.75
Precision production, craft, and repair	16.54	18.13	17.25	19.77	19.74
Machine operators, assemblers, and inspectors	–	12.03	12.94	14.56	18.07
Transportation and material moving	12.39	14.94	15.67	15.15	16.67
Handlers, equipment cleaners, helpers, and laborers	11.02	13.48	13.59	13.12	14.78
Service	13.04	14.67	16.02	14.89	17.82
	Relative error ⁴ (percent)				
All	5.3	1.6	2.1	1.8	1.3
White collar	6.0	1.5	2.3	1.7	1.6
White collar, excluding sales	6.1	1.5	2.3	1.7	1.6
Professional specialty and technical	8.8	1.7	2.5	1.9	1.5
Professional specialty	9.4	1.6	2.6	1.9	1.4
Technical	5.7	3.4	4.6	5.0	3.4
Executive, administrative, and managerial ...	7.8	2.8	3.9	3.4	4.3
Sales	9.6	5.5	11.2	10.3	10.0
Administrative support, including clerical	4.6	1.9	2.1	2.5	2.0
Blue collar	4.6	2.4	2.8	3.1	1.4
Precision production, craft, and repair	6.0	3.3	4.1	4.0	3.0
Machine operators, assemblers, and inspectors	–	22.1	14.7	10.0	10.5
Transportation and material moving	5.0	5.8	3.2	5.0	3.4
Handlers, equipment cleaners, helpers, and laborers	7.4	4.3	3.7	4.9	4.1
Service	9.6	3.6	2.4	3.5	1.9

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

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

³ This survey covers all 50 States. Data were collected

between December 2001 and January 2003. The average reference period was July 2002.

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 4-13)

Metropolitan and nonmetropolitan areas¹

Workers in metropolitan areas had average hourly earnings of \$17.56, higher than the average of \$14.20 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 \$27.71 per hour, compared with \$22.73 in nonmetropolitan areas. In metropolitan areas, average hourly earnings were \$13.60 for administrative support, including clerical, workers and \$14.75 for sales occupations; in nonmetropolitan areas these averages were \$11.61 and \$11.38, respectively. Earnings for precision production, craft, and repair workers were \$18.46 in metropolitan areas, higher than that for workers in nonmetropolitan areas, \$16.25. Among service occupations, hourly earnings were \$10.49 in metropolitan areas compared with \$9.31 in nonmetropolitan areas. (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 \$18.73 in Dallas-Fort Worth to \$24.55 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 and Chicago-Gary-Kenosha was October 2001, while it was April 2002 for five of the areas. The average payroll reference month for national estimates was July 2002.

Census divisions²

Pay varied across the nine census divisions. Average hourly earnings ranged from \$14.19 in the East South Central census division to \$19.79 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. (See tables 4-4 to 4-13.)

White-collar earnings ranged from \$17.74 in the East South Central division to \$24.42 in the Middle Atlantic division. Blue-collar earnings ranged from \$12.86 in the West South Central division to \$15.71 in the Middle Atlantic division. Earnings for service occupations ranged from \$8.58 in the West South Central division to \$12.38 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 Central, West South Central, Mountain, and Pacific. 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 July 2002

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	\$17.18	0.8	35.8	\$17.56	0.8	35.7	\$14.20	2.7	36.4
Private industry	16.40	.9	35.6	16.79	.8	35.6	12.91	3.1	36.3
State and local government	21.54	.9	36.7	22.37	.8	36.7	18.02	1.9	36.8
Worker characteristics:⁵									
White-collar occupations ⁶	21.09	.9	36.1	21.43	.9	36.1	17.75	1.6	36.4
Professional specialty and technical ...	27.18	1.3	36.1	27.71	1.3	36.2	22.73	2.0	36.0
Executive, administrative, and managerial	31.16	2.6	40.0	31.56	2.8	40.0	25.94	2.8	40.0
Sales	14.50	2.1	32.6	14.75	2.3	32.6	11.38	6.1	33.5
Administrative support	13.41	.5	36.4	13.60	.6	36.3	11.61	2.2	36.9
Blue-collar occupations ⁶	14.51	.9	38.2	14.71	.8	38.1	13.25	3.0	38.5
Precision production, craft, and repair	18.20	1.1	39.6	18.46	1.2	39.6	16.25	3.5	40.0
Machine operators, assemblers, and inspectors	12.94	1.4	39.2	13.07	1.3	39.1	12.38	4.4	39.6
Transportation and material moving ...	14.25	1.5	37.5	14.22	1.6	37.5	14.53	5.0	37.7
Handlers, equipment cleaners, helpers, and laborers	10.98	1.3	35.6	11.14	1.4	35.6	10.02	3.0	35.9
Service occupations ⁶	10.32	1.3	31.6	10.49	1.2	31.3	9.31	3.1	33.4
Full time	18.14	.9	39.6	18.59	.8	39.6	14.78	3.0	39.6
Part time	9.66	1.0	20.5	9.76	1.0	20.5	8.80	2.6	20.7
Union	20.65	.8	36.9	21.01	.7	36.8	17.59	3.0	37.8
Nonunion	16.42	1.0	35.6	16.80	1.0	35.5	13.52	2.9	36.1
Time	16.89	1.0	35.7	17.25	1.0	35.6	14.11	2.6	36.2
Incentive	22.52	6.5	38.3	23.41	7.1	37.9	15.79	8.5	41.1
Establishment characteristics:									
Goods producing ⁷	17.74	1.2	39.5	-	-	-	-	-	-
Service producing ⁷	15.88	1.1	34.3	-	-	-	-	-	-
1 to 99 workers ⁸	14.43	1.2	34.6	14.59	1.3	34.7	12.60	3.1	34.3
100 to 499 workers	16.73	1.4	36.3	17.24	1.6	36.2	14.21	2.6	36.7
500 to 999 workers	18.80	2.3	37.2	19.55	2.4	37.1	15.77	3.9	37.9
1,000 to 2,499 workers	20.75	3.5	36.5	21.55	3.5	36.2	16.27	10.6	38.0
2,500 workers or more	23.30	2.0	37.4	23.66	1.2	37.3	14.33	31.7	39.5

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 July 2002–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	\$18.61	2.9	34.4	\$18.99	2.9	34.4	\$14.66	9.4	34.5
Middle Atlantic	19.79	1.8	34.8	19.97	1.8	34.8	15.83	3.8	34.9
East North Central	17.42	1.2	35.7	17.73	1.3	35.6	15.11	3.4	36.3
West North Central	16.11	4.1	35.3	16.82	4.7	35.3	13.38	6.2	35.3
South Atlantic	15.97	1.9	36.4	16.26	2.1	36.3	13.83	3.4	37.1
East South Central	14.19	5.0	37.1	15.06	4.0	36.5	12.37	11.5	38.5
West South Central	15.39	1.5	36.6	15.49	1.7	36.7	14.45	6.5	36.3
Mountain	15.67	3.6	35.5	15.67	4.2	35.5	15.70	1.3	35.7
Pacific	19.08	1.8	35.8	19.22	1.9	35.9	16.10	1.6	34.8

¹ A metropolitan area 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. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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 nine census divisions. 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. Overall occupational groups and occupational levels may include data for categories not shown separately.

TABLE 4-2. **United States: Mean hourly earnings¹ and weekly hours by metropolitan and nonmetropolitan areas² for selected occupations, National Compensation Survey,³ July 2002**

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	\$17.18	0.8	35.8	\$17.56	0.8	35.7	\$14.20	2.7	36.4
All, excluding sales	17.45	.9	36.1	17.86	.8	36.1	14.38	2.8	36.6
White collar	21.09	.9	36.1	21.43	.9	36.1	17.75	1.6	36.4
White collar, excluding sales	22.50	.8	36.9	22.88	.9	37.0	18.81	1.6	36.9
Professional specialty and technical	27.18	1.3	36.1	27.71	1.3	36.2	22.73	2.0	36.0
Professional specialty	29.34	1.5	36.2	29.80	1.6	36.2	25.34	2.0	36.1
Engineers, architects, and surveyors	32.73	1.5	40.4	32.91	1.5	40.4	27.85	3.0	40.1
Architects	26.64	7.6	40.2	26.60	7.7	40.3	-	-	-
Aerospace engineers	36.85	6.3	39.7	36.85	6.3	39.7	-	-	-
Metallurgical and materials engineers	29.41	6.7	40.6	29.41	6.7	40.6	-	-	-
Petroleum engineers	38.30	6.2	40.0	38.30	6.2	40.0	-	-	-
Chemical engineers	37.59	3.0	40.3	37.59	3.0	40.3	-	-	-
Nuclear engineers	36.16	3.2	40.0	36.27	3.7	40.0	-	-	-
Civil engineers	29.45	3.0	40.3	29.42	3.1	40.3	29.80	4.8	40.0
Electrical and electronic engineers	34.97	2.7	40.9	35.19	2.7	40.9	25.99	12.3	40.0
Industrial engineers	29.23	1.8	40.7	29.41	1.8	40.7	26.20	6.7	40.2
Mechanical engineers	29.76	3.2	40.3	29.90	3.3	40.3	26.64	4.9	40.3
Engineers, n.e.c.	34.60	3.1	40.1	34.88	3.2	40.1	27.16	7.1	40.3
Surveyors and mapping scientists	30.16	7.6	41.0	30.16	7.6	41.0	-	-	-
Mathematical and computer scientists	32.62	2.8	39.7	32.78	2.8	39.7	24.89	5.6	39.9
Computer systems analysts and scientists	32.86	2.8	39.7	33.02	2.8	39.7	25.08	6.4	39.9
Operations and systems researchers and analysts	30.98	5.4	39.8	31.02	5.4	39.8	-	-	-
Actuaries	33.13	7.6	40.4	33.13	7.6	40.4	-	-	-
Statisticians	25.64	7.1	40.1	26.49	7.4	40.2	-	-	-
Natural scientists	28.42	4.4	39.8	28.81	4.7	39.8	22.22	6.4	39.9
Physicists and astronomers	32.17	11.5	40.0	32.17	11.5	40.0	-	-	-
Chemists, except biochemists	30.68	4.0	39.4	30.72	4.1	39.4	-	-	-
Atmospheric and space scientists	24.06	19.2	40.9	25.86	19.7	41.1	-	-	-
Geologists and geodesists	31.52	10.4	40.3	31.56	10.5	40.3	-	-	-
Physical scientists, n.e.c.	29.93	6.5	40.5	30.40	6.4	40.5	23.97	7.0	40.0
Agricultural and food scientists	23.58	5.7	40.0	23.52	6.0	40.0	-	-	-
Biological and life scientists	28.07	15.4	39.0	28.33	16.2	39.0	-	-	-
Forestry and conservation scientists	20.59	8.7	40.3	21.29	13.0	40.8	19.96	11.8	39.9
Medical scientists	25.44	4.6	39.9	25.65	4.7	39.9	-	-	-
Health related	28.15	2.8	34.4	28.53	3.1	34.4	25.43	6.1	34.4
Physicians	51.66	10.2	39.5	49.97	11.0	39.6	77.14	14.0	38.1
Dentists	35.51	18.6	30.4	36.61	20.5	29.4	-	-	-
Optometrists	46.54	9.1	32.0	-	-	-	-	-	-
Health diagnosing practitioners, n.e.c.	21.56	11.3	30.6	21.56	11.3	30.6	-	-	-
Registered nurses	24.57	1.1	33.6	25.08	1.1	33.6	21.44	4.1	33.6
Pharmacists	37.01	1.4	33.6	37.47	1.3	33.1	32.04	4.5	39.9
Dietitians	19.59	3.2	36.9	19.59	3.3	36.8	-	-	-
Respiratory therapists	20.28	1.9	35.8	20.51	2.0	35.2	19.22	5.2	38.9
Occupational therapists	24.53	3.5	33.5	24.45	3.7	33.1	-	-	-
Physical therapists	27.05	2.6	32.9	26.94	2.8	33.3	28.33	7.8	28.7
Speech therapists	28.51	3.3	34.1	28.22	3.5	33.9	30.36	10.0	35.2
Therapists, n.e.c.	19.57	13.1	36.8	19.91	14.9	36.7	17.12	5.2	37.4
Physicians' assistants	31.50	5.1	39.5	31.47	5.9	39.4	31.68	5.8	40.0
Teachers, college and university	39.97	2.7	34.9	41.09	2.8	34.3	32.96	3.2	39.0
Earth, environmental, and marine science teachers	44.54	10.8	37.4	44.92	10.9	37.4	-	-	-
Biological science teachers	41.14	9.9	38.1	41.33	13.0	35.7	-	-	-
Chemistry teachers	38.82	9.1	40.6	40.86	11.3	38.4	-	-	-
Physics teachers	49.88	9.7	39.0	52.29	9.3	38.9	-	-	-
Natural science teachers, n.e.c.	35.32	14.0	36.7	35.25	14.8	36.5	-	-	-
Psychology teachers	36.77	11.5	35.4	37.09	11.8	35.4	-	-	-
Economics teachers	61.72	18.7	43.1	72.35	5.4	39.1	-	-	-
History teachers	36.43	11.8	38.9	36.43	11.8	38.9	-	-	-
Political science teachers	35.94	10.6	38.1	37.46	11.6	37.8	-	-	-
Sociology teachers	32.41	10.2	39.2	31.59	11.0	40.2	-	-	-
Social science teachers, n.e.c.	39.97	7.6	37.0	39.64	8.7	36.5	-	-	-
Engineering teachers	54.11	8.3	35.8	57.83	7.3	32.0	-	-	-
Mathematical science teachers	39.06	6.8	35.3	40.84	6.7	35.4	29.47	8.5	35.1
Computer science teachers	36.10	13.5	31.6	37.25	16.0	30.4	31.91	7.8	36.9

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 July 2002–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									
Medical science teachers	\$48.27	7.4	39.8	\$48.27	7.4	39.8	–	–	–
Health specialties teachers	40.95	8.3	36.9	41.75	9.0	37.0	\$32.26	7.4	35.9
Business, commerce, and marketing teachers	42.51	11.1	36.0	42.89	12.0	35.8	37.24	9.8	38.8
Agriculture and forestry teachers	39.78	20.0	36.6	–	–	–	42.07	28.1	36.0
Art, drama, and music teachers	32.85	6.2	34.1	32.40	6.8	34.0	35.62	9.8	34.4
Physical education teachers	37.92	13.5	25.3	41.56	15.3	23.5	27.02	15.0	32.8
Education teachers	39.33	10.5	36.1	40.54	12.0	35.5	32.82	6.5	40.0
English teachers	42.88	8.7	33.9	44.96	8.4	34.2	30.18	6.1	32.1
Foreign language teachers	31.90	20.7	35.9	40.74	14.4	31.7	–	–	–
Law teachers	50.92	10.8	28.7	50.92	10.8	28.7	–	–	–
Social work teachers	24.10	10.2	27.2	26.73	7.4	22.8	–	–	–
Theology teachers	41.30	13.9	38.3	42.78	15.6	38.2	–	–	–
Trade and industrial teachers	29.61	7.3	35.4	27.57	12.7	33.3	31.76	4.5	38.0
Other post-secondary teachers	38.44	4.5	32.2	39.42	4.8	31.9	29.75	5.7	35.4
Teachers, except college and university	28.94	1.2	34.3	29.73	1.3	34.0	25.51	2.4	35.8
Prekindergarten and kindergarten	17.33	7.1	34.8	16.71	6.5	34.6	23.75	10.3	37.3
Elementary school teachers	30.75	1.4	35.9	31.95	1.5	35.5	25.55	2.8	37.4
Secondary school teachers	31.01	1.9	36.7	32.55	2.1	36.4	25.95	2.5	37.5
Teachers, special education	31.63	3.6	35.3	32.35	4.1	35.1	27.68	4.2	36.4
Teachers, n.e.c.	27.94	3.7	29.5	28.06	4.3	28.8	27.34	5.9	33.6
Substitute teachers	12.06	4.5	15.0	12.62	4.7	16.4	9.55	15.5	10.9
Vocational and educational counselors	27.01	5.4	36.6	28.38	5.7	36.1	22.51	11.8	38.3
Librarians, archivists, and curators	25.08	2.3	37.1	25.55	2.4	37.1	21.47	10.1	37.7
Librarians	26.17	3.6	37.0	26.72	3.8	36.9	22.19	10.7	37.7
Archivists and curators	19.88	11.1	37.7	20.18	12.5	37.7	–	–	–
Social scientists and urban planners	27.41	4.2	36.7	27.42	4.4	36.6	27.08	6.3	38.8
Economists	27.83	3.4	40.9	27.83	3.4	40.9	–	–	–
Psychologists	28.38	5.6	34.5	28.45	6.1	34.1	27.59	2.8	38.5
Social scientists, n.e.c.	22.34	15.9	36.8	20.97	15.4	36.6	–	–	–
Urban planners	25.85	5.3	35.6	26.75	4.4	35.2	–	–	–
Social, recreation, and religious workers	17.12	5.5	37.6	17.26	6.1	37.4	15.65	5.3	38.8
Social workers	17.21	6.0	37.8	17.26	6.5	37.7	16.74	3.0	38.7
Recreation workers	14.85	9.0	32.4	16.82	5.0	30.2	–	–	–
Clergy	17.37	11.4	42.6	17.34	11.5	42.9	–	–	–
Religious workers, n.e.c.	19.25	6.6	37.8	19.25	6.6	37.8	–	–	–
Lawyers and judges	44.30	4.8	39.6	44.79	4.9	39.9	36.81	18.0	34.5
Lawyers	44.02	5.1	39.7	44.72	5.0	40.0	25.21	8.2	32.7
Judges	50.44	7.9	36.3	49.16	6.7	34.8	51.12	11.1	37.1
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.47	3.6	34.3	23.76	3.6	34.3	14.88	6.0	33.8
Technical writers	26.13	8.2	39.6	27.24	7.4	39.6	–	–	–
Designers	22.02	6.0	36.9	22.20	6.2	37.1	15.26	8.3	30.4
Musicians and composers	31.65	30.4	14.5	31.85	30.8	14.4	–	–	–
Actors and directors	25.45	9.7	33.3	25.45	9.7	33.3	–	–	–
Painters, sculptors, craft artists, and artist printmakers	19.41	8.2	38.7	19.62	8.3	38.7	–	–	–
Photographers	16.59	12.6	36.8	17.10	14.0	36.5	–	–	–
Dancers	6.28	33.8	18.2	6.28	33.8	18.2	–	–	–
Artists, performers, and related workers, n.e.c.	14.74	8.0	33.3	14.79	8.1	33.6	–	–	–
Editors and reporters	22.38	5.6	39.1	22.73	5.7	39.1	12.85	16.4	38.0
Public relations specialists	25.53	9.7	39.0	25.75	10.2	39.0	–	–	–
Announcers	22.49	38.5	23.8	23.18	40.4	23.4	–	–	–
Athletes	26.00	28.9	23.3	26.33	29.0	23.4	17.53	22.4	22.7
Professional, n.e.c.	30.06	6.3	37.7	30.07	6.3	37.7	–	–	–
Technical	19.89	1.5	35.9	20.54	1.5	35.9	15.08	2.5	35.8
Clinical laboratory technologists and technicians	17.35	2.6	36.6	17.38	2.9	36.6	17.00	7.6	37.1
Dental hygienists	28.65	4.8	23.0	28.64	4.5	23.1	–	–	–
Health record technologists and technicians	13.17	14.5	37.4	13.32	16.8	37.4	–	–	–
Radiological technicians	22.29	3.4	35.1	22.59	3.2	34.9	19.75	12.9	36.5

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 July 2002–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									
Licensed practical nurses	\$15.65	1.4	34.6	\$16.28	1.5	34.4	\$13.93	2.0	35.0
Health technologists and technicians, n.e.c.	15.01	2.8	33.0	15.26	3.0	33.4	13.20	5.2	30.5
Electrical and electronic technicians	19.42	5.8	39.3	19.88	5.4	39.2	–	–	–
Industrial engineering technicians	22.04	4.0	40.2	22.13	4.3	40.3	–	–	–
Mechanical engineering technicians	22.40	4.1	40.2	22.45	4.1	40.1	–	–	–
Engineering technicians, n.e.c.	21.10	3.0	39.0	21.32	3.2	38.9	18.28	4.1	39.8
Drafters	19.05	3.2	40.1	19.14	3.4	40.1	17.73	5.2	40.0
Surveying and mapping technicians	16.29	6.1	40.6	16.01	6.9	40.6	18.65	7.4	39.8
Biological technicians	16.23	5.0	33.1	16.65	5.9	31.9	14.40	6.9	39.7
Chemical technicians	20.34	6.8	39.8	21.18	7.1	39.8	–	–	–
Science technicians, n.e.c.	20.42	8.2	39.3	20.77	8.7	38.5	–	–	–
Airplane pilots and navigators	104.72	8.5	21.6	105.62	8.6	21.4	–	–	–
Broadcast equipment operators	17.08	9.7	35.0	17.64	10.4	34.7	–	–	–
Computer programmers	24.84	4.8	39.1	25.30	4.9	39.3	16.17	8.4	36.0
Tool programmers, numerical control	20.78	5.7	40.0	20.75	5.8	40.0	–	–	–
Legal assistants	17.86	5.3	37.5	18.44	5.7	37.3	13.55	7.6	39.1
Technical and related, n.e.c.	19.51	4.1	38.6	20.04	4.0	38.7	14.30	14.9	37.3
Executive, administrative, and managerial									
Executives, administrators, and managers	31.16	2.6	40.0	31.56	2.8	40.0	25.94	2.8	40.0
Legislators	34.75	3.2	40.4	35.36	3.4	40.5	27.82	2.7	40.1
Chief executives and general administrators, public administration	14.68	19.2	14.3	17.07	21.1	15.7	9.82	37.3	12.2
Administrators and officials, public administration ...	44.88	7.5	42.2	45.89	8.6	43.6	–	–	–
Financial managers	30.41	3.2	39.5	31.70	3.5	39.4	25.49	7.6	39.6
Personnel and labor relations managers	36.34	8.8	40.4	37.08	9.3	40.4	26.92	6.3	40.3
Purchasing managers	32.35	10.4	41.2	34.82	11.0	41.1	23.52	12.6	41.5
Managers, marketing, advertising, and public relations	32.13	4.4	40.5	32.68	4.4	40.6	26.30	12.2	40.0
Administrators, education and related fields	42.70	10.0	40.9	42.92	10.2	41.0	35.77	12.7	39.4
Managers, medicine and health	35.21	4.3	39.1	35.32	5.1	39.2	34.68	4.5	38.8
Managers, food servicing and lodging establishments	33.79	4.3	39.7	35.15	4.5	39.6	24.34	9.1	40.2
Managers, properties and real estate	18.66	3.9	42.0	18.89	4.3	41.9	15.91	16.1	43.3
Funeral directors	20.94	9.8	37.6	21.10	10.0	37.6	–	–	–
Managers, service organizations, n.e.c.	22.95	14.5	47.1	–	–	–	–	–	–
Managers and administrators, n.e.c.	28.08	8.6	40.0	28.19	8.9	40.0	25.20	15.6	40.4
Management related	36.60	5.1	41.1	36.99	5.3	41.0	29.14	6.1	42.4
Accountants and auditors	24.90	1.8	39.2	25.12	1.9	39.2	20.81	4.7	39.6
Underwriters	23.35	2.6	38.8	23.62	2.6	38.7	17.98	10.1	39.9
Other financial officers	23.97	7.0	37.7	23.90	7.2	37.7	–	–	–
Management analysts	31.50	6.1	39.6	31.71	6.3	39.6	27.55	12.7	39.8
Personnel, training, and labor relations specialists ..	28.06	4.8	39.8	28.14	4.9	39.9	24.22	10.3	38.9
Purchasing agents and buyers, farm products ..	23.15	3.4	38.8	23.29	3.5	38.9	20.53	13.3	37.8
Buyers, wholesale and retail trade, except farm products	25.84	20.4	39.6	28.58	22.1	39.5	–	–	–
Purchasing agents and buyers, n.e.c.	23.27	8.8	39.3	23.16	8.8	39.3	–	–	–
Construction inspectors	23.93	6.0	39.7	24.61	6.1	39.8	17.00	4.0	39.7
Inspectors and compliance officers, except construction	23.25	4.1	39.2	23.64	4.0	39.1	–	–	–
Management related, n.e.c.	21.98	2.8	39.4	22.68	2.7	39.2	17.70	4.1	40.9
Sales	23.88	1.8	39.2	23.93	1.9	39.2	22.63	6.8	39.4
Supervisors, sales	14.50	2.1	32.6	14.75	2.3	32.6	11.38	6.1	33.5
Insurance sales	19.16	4.7	40.9	19.25	4.7	40.8	18.18	16.5	42.2
Real estate sales	21.46	8.6	39.9	21.85	8.7	39.9	14.65	17.7	39.9
Securities and financial services sales	19.13	8.8	38.2	19.14	8.9	38.2	–	–	–
Advertising and related sales	43.42	11.8	39.6	43.80	11.8	39.6	–	–	–
Sales, other business services	20.90	8.7	36.7	21.38	9.2	36.5	–	–	–
Sales engineers	20.99	9.9	36.8	21.18	9.8	36.7	16.28	22.3	39.5
	37.71	19.9	42.8	37.95	20.3	42.9	–	–	–

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 July 2002–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 representatives, mining, manufacturing, and wholesale	\$24.08	5.2	40.1	\$24.54	5.3	40.1	\$16.94	9.2	40.6
Sales workers, motor vehicles and boats	18.95	4.8	45.4	19.25	4.9	45.5	15.89	13.9	44.6
Sales workers, apparel	9.05	3.5	25.1	9.07	3.6	25.2	8.25	9.8	20.5
Sales workers, shoes	8.64	4.9	23.3	8.90	4.7	23.5	–	–	–
Sales workers, furniture and home furnishings	11.21	10.2	26.8	11.27	11.1	26.5	10.44	15.3	31.0
Sales workers, radio, tv, hi-fi, and appliances	19.71	32.5	33.6	20.36	32.0	33.1	–	–	–
Sales workers, hardware and building supplies	13.82	5.5	37.5	13.89	5.7	37.4	–	–	–
Sales workers, parts	13.79	4.4	38.5	13.92	4.8	38.2	12.46	11.9	41.4
Sales workers, other commodities	11.73	5.9	29.9	11.83	6.2	29.8	9.74	7.0	33.0
Sales counter clerks	8.93	8.9	29.5	8.93	9.1	29.5	8.82	11.0	28.9
Cashiers	8.19	1.4	28.8	8.21	1.3	28.7	8.04	7.3	29.6
Street and door-to-door sales workers	14.87	31.1	26.3	14.87	31.1	26.3	–	–	–
News vendors	8.00	8.6	20.7	8.00	8.6	20.7	–	–	–
Demonstrators, promoters, and models, sales	23.26	28.5	26.7	23.32	28.6	26.7	–	–	–
Sales support, n.e.c.	13.98	7.7	34.6	14.16	8.1	34.2	10.78	16.4	41.9
Administrative support, including clerical	13.41	.5	36.4	13.60	.6	36.3	11.61	2.2	36.9
Supervisors, general office	17.86	3.1	38.9	17.95	3.2	38.8	16.06	5.1	41.0
Supervisors, computer equipment operators	19.12	9.5	40.0	18.52	11.7	40.0	–	–	–
Supervisors, financial records processing	19.72	2.4	38.9	19.92	2.5	39.0	16.12	6.6	37.4
Chief communications operators	20.59	6.5	40.0	21.11	6.8	40.0	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	19.76	4.4	39.9	20.24	4.7	39.6	16.80	8.9	42.1
Computer operators	15.90	2.7	38.7	15.99	2.8	38.7	–	–	–
Peripheral equipment operators	14.06	9.8	39.2	14.03	10.6	39.5	–	–	–
Secretaries	14.77	1.2	37.5	14.98	1.2	37.4	12.78	4.0	38.2
Stenographers	16.68	4.9	33.5	17.38	5.3	32.8	11.71	4.4	39.0
Typists	14.07	1.7	36.4	14.27	1.8	36.3	11.29	4.6	38.3
Interviewers	11.25	4.4	30.9	11.51	5.1	30.2	9.88	4.5	34.9
Hotel clerks	8.71	2.4	35.9	8.78	2.6	36.4	8.15	4.9	32.0
Transportation ticket and reservation agents	13.74	5.3	35.9	14.29	4.0	35.7	–	–	–
Receptionists	10.62	2.1	33.6	10.73	2.2	33.5	9.00	2.3	34.1
Information clerks, n.e.c.	12.16	2.8	37.0	12.18	3.0	36.9	11.54	7.4	39.3
Classified ad clerks	10.63	15.1	38.2	10.63	15.1	38.2	–	–	–
Correspondence clerks	13.02	2.0	39.0	13.08	2.0	39.0	–	–	–
Order clerks	13.20	1.9	37.4	13.52	1.7	37.2	10.08	5.1	38.9
Personnel clerks, except payroll and timekeeping ...	14.75	3.4	39.1	14.98	3.6	39.1	12.56	7.1	40.0
Library clerks	11.69	2.8	29.7	12.34	2.7	28.7	9.65	4.2	33.4
File clerks	9.92	2.2	32.9	9.99	2.5	32.8	9.14	5.0	34.1
Records clerks, n.e.c.	12.95	2.2	38.3	13.23	2.2	38.3	11.01	7.8	37.9
Bookkeepers, accounting and auditing clerks	13.62	1.5	37.0	13.86	1.6	37.0	11.62	3.0	36.9
Payroll and timekeeping clerks	15.17	2.6	35.1	15.38	2.6	36.1	13.40	11.5	28.5
Billing clerks	12.11	3.5	37.1	12.17	3.8	36.9	11.43	5.5	38.4
Cost and rate clerks	14.76	23.1	40.2	17.77	18.6	40.3	–	–	–
Billing, posting, and calculating machine operators	11.95	4.7	33.3	12.13	4.7	33.0	9.18	5.2	38.3
Duplicating machine operators	11.27	6.4	38.3	11.38	6.6	38.2	–	–	–
Mail preparing and paper handling machine operators	11.32	6.5	38.0	11.73	6.6	37.8	–	–	–
Office machine operators, n.e.c.	10.24	5.4	38.6	10.27	5.4	39.2	–	–	–
Telephone operators	12.57	4.2	34.6	12.75	4.0	34.9	–	–	–
Communications equipment operators, n.e.c.	10.94	12.7	31.2	10.72	13.2	31.4	–	–	–
Mail clerks, except postal service	11.32	5.8	35.0	10.88	4.1	35.4	15.93	24.4	30.9
Messengers	9.25	6.8	29.8	9.26	7.0	30.2	9.03	15.8	22.1
Dispatchers	15.36	3.8	39.1	16.07	3.9	39.0	11.61	8.0	39.6
Production coordinators	17.17	3.3	39.0	17.40	3.5	39.0	15.22	6.8	39.1
Traffic, shipping and receiving clerks	12.72	2.9	38.4	12.55	2.4	38.2	13.77	13.1	40.0
Stock and inventory clerks	12.40	1.9	37.0	12.43	2.1	36.8	11.99	3.2	39.5
Meter readers	16.27	4.5	38.9	16.37	4.6	38.9	–	–	–
Weighers, measurers, checkers, and samplers	14.97	7.5	38.2	15.64	5.9	39.3	–	–	–
Expeditors	14.74	3.6	37.7	14.74	3.6	37.7	–	–	–

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 July 2002–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									
Material recording, scheduling, and distribution clerks, n.e.c.	\$13.31	9.1	38.7	\$12.05	6.8	38.5	\$18.53	17.9	39.6
Insurance adjusters, examiners, and investigators ..	18.96	8.4	38.0	19.04	8.5	38.0	13.81	17.8	38.4
Investigators and adjusters, except insurance	14.74	2.2	38.5	14.78	2.3	38.5	13.01	16.8	38.9
Eligibility clerks, social welfare	14.90	3.2	38.8	14.97	3.4	38.8	14.36	5.0	38.6
Bill and account collectors	13.32	3.8	37.4	13.34	4.0	37.3	12.98	7.0	38.8
General office clerks	12.52	1.1	35.9	12.64	1.2	36.0	11.22	3.4	35.5
Bank tellers	10.00	1.3	33.7	10.10	1.3	33.6	8.71	2.6	35.7
Proofreaders	14.20	15.4	36.9	15.86	12.6	36.6	–	–	–
Data entry keyers	12.06	2.1	36.4	12.16	2.3	36.2	10.59	5.5	39.0
Statistical clerks	13.49	4.3	38.9	13.69	4.6	39.1	12.14	13.1	38.0
Teachers' aides	10.94	1.3	31.2	11.44	1.1	30.1	9.59	3.1	34.8
Administrative support, n.e.c.	13.60	1.4	35.2	13.84	1.4	35.0	11.04	4.0	37.8
Blue collar	14.51	.9	38.2	14.71	.8	38.1	13.25	3.0	38.5
Precision production, craft, and repair									
Supervisors, mechanics and repairers	18.20	1.1	39.6	18.46	1.2	39.6	16.25	3.5	40.0
Automobile mechanics	22.74	3.1	40.9	22.67	3.3	40.9	23.56	8.4	40.7
Automobile mechanic apprentices	17.27	3.8	40.1	17.40	4.0	40.2	14.30	5.9	39.6
Bus, truck, and stationary engine mechanics	12.08	5.7	40.5	12.27	5.8	40.5	–	–	–
Aircraft engine mechanics	16.47	3.3	39.6	16.79	3.5	39.1	14.28	4.6	42.6
Small engine repairers	25.18	5.3	40.0	25.25	5.3	40.0	–	–	–
Automobile body and related repairers	13.57	4.4	39.9	13.57	4.5	39.9	–	–	–
Aircraft mechanics, except engine	17.49	9.4	39.8	17.92	10.2	39.6	–	–	–
Heavy equipment mechanics	25.00	6.7	40.0	25.31	6.7	40.0	–	–	–
Farm equipment mechanics	18.85	4.6	39.7	19.94	4.2	39.7	14.62	8.7	39.7
Industrial machinery repairers	14.26	6.7	40.9	14.39	7.0	40.6	13.77	8.3	42.2
Machinery maintenance	19.22	2.2	39.8	19.23	1.8	39.7	19.19	5.5	39.8
Electronic repairers, communications and industrial equipment	14.89	6.3	37.6	15.19	7.7	36.7	14.17	11.5	39.8
Data processing equipment repairers	19.51	4.1	38.7	19.46	4.1	38.6	21.69	11.7	40.0
Household appliance and power tool repairers	15.52	15.8	39.7	15.49	16.1	39.7	–	–	–
Telephone line installers and repairers	15.18	7.1	38.9	15.83	7.5	38.7	10.79	12.4	40.0
Telephone installers and repairers	23.36	3.8	40.0	23.58	3.7	40.0	16.90	15.3	40.0
Heating, air conditioning, and refrigeration mechanics	22.76	2.4	40.0	22.85	2.4	40.0	19.82	16.5	40.0
Camera, watch, and musical instrument repairers ..	16.46	3.0	39.6	16.65	3.1	39.6	13.13	5.6	40.0
Locksmiths and safe repairers	14.85	24.0	40.0	14.85	24.0	40.0	–	–	–
Office machine repairers	14.64	10.5	41.1	14.57	12.5	41.3	–	–	–
Mechanical controls and valve repairers	14.55	8.6	39.9	14.52	9.0	39.9	–	–	–
Elevator installers and repairers	20.83	4.9	39.4	20.95	5.2	39.4	19.10	9.4	40.0
Millwrights	35.81	9.6	40.0	35.81	9.6	40.0	–	–	–
Mechanics and repairers, n.e.c.	21.77	5.5	40.0	20.49	6.6	39.9	23.66	3.7	40.0
Supervisors, brickmasons, stonemasons, and tilesetters	15.81	2.9	39.0	16.02	3.1	38.9	13.78	5.0	39.7
Supervisors, carpenters and related workers	20.99	17.5	40.0	20.99	17.5	40.0	–	–	–
Supervisors, electricians and power transmission installers	24.84	5.9	39.9	25.06	6.1	39.9	–	–	–
Supervisors, painters, paperhangers, and plasterers	26.72	5.0	40.0	27.12	5.0	40.0	19.75	17.8	40.0
Supervisors, plumbers, pipefitters, and steamfitters	19.93	13.0	40.9	19.57	13.7	40.4	–	–	–
Supervisors, construction trades, n.e.c.	25.23	4.7	40.8	25.65	4.6	40.9	–	–	–
Brickmasons and stonemasons	21.15	3.6	40.2	21.97	3.3	40.2	17.61	5.5	40.4
Tile setters, hard and soft	19.92	7.5	40.0	20.97	5.9	40.0	–	–	–
Carpet installers	22.47	14.2	40.0	22.47	14.2	40.0	–	–	–
Carpenters	19.05	12.3	39.0	19.05	12.3	39.0	–	–	–
Carpenter apprentices	18.30	3.3	39.7	18.30	3.5	39.8	18.31	11.4	39.4
Drywall installers	17.40	13.6	40.0	17.40	13.6	40.0	–	–	–
Electricians	20.74	10.2	40.0	20.74	10.2	40.0	–	–	–
Electrician apprentices	22.33	3.6	39.5	22.73	3.8	39.5	19.19	6.2	40.0
	14.83	4.0	39.9	14.98	4.1	39.9	11.47	14.0	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 July 2002–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									
Electrical power installers and repairers	\$24.30	3.8	40.0	\$25.21	3.5	40.0	\$18.86	7.2	40.0
Painters, construction and maintenance	13.65	6.5	39.7	13.64	6.6	39.7	–	–	–
Plasterers	15.06	12.6	40.0	15.06	12.6	40.0	–	–	–
Plumbers, pipefitters and steamfitters	21.27	3.8	39.5	21.46	3.9	39.5	16.82	6.9	40.0
Plumber, pipefitter, and steamfitter apprentices	18.29	12.6	39.5	18.27	12.7	39.5	–	–	–
Concrete and terrazzo finishers	18.35	9.5	39.4	18.62	9.8	39.3	–	–	–
Glaziers	16.92	5.5	40.0	16.72	5.4	40.0	–	–	–
Insulation workers	14.40	5.9	39.8	14.88	5.5	39.7	–	–	–
Paving, surfacing, and tamping equipment operators	15.97	18.1	41.8	18.89	24.6	43.1	11.63	5.4	40.0
Roofers	14.68	10.3	38.7	14.75	10.8	38.6	–	–	–
Sheetmetal duct installers	20.54	14.6	40.0	20.54	14.6	40.0	–	–	–
Structural metal workers	17.62	5.5	40.0	17.72	5.5	40.0	–	–	–
Construction trades, n.e.c.	15.76	4.1	39.7	16.23	4.9	39.7	13.99	4.4	39.5
Supervisors, extractive	23.58	8.2	41.4	21.79	15.8	41.5	26.51	16.1	41.4
Drillers, oil well	20.01	18.2	40.0	17.33	29.6	40.0	–	–	–
Mining machine operators	15.51	9.7	40.0	15.31	10.8	40.0	–	–	–
Mining, n.e.c.	20.21	10.2	47.6	20.29	5.2	66.9	20.15	17.8	40.0
Supervisors, production	20.67	3.2	40.4	21.29	3.4	40.5	17.68	7.6	40.2
Tool and die makers	21.85	2.1	40.0	22.36	2.4	40.0	18.79	4.0	40.0
Tool and die maker apprentices	13.43	12.2	39.8	15.27	16.5	39.6	–	–	–
Precision assemblers, metal	19.22	4.1	40.0	19.31	4.3	40.0	–	–	–
Machinists	18.52	4.8	39.8	18.62	4.9	39.8	13.87	5.9	40.0
Machinist apprentices	14.49	3.7	40.0	–	–	–	–	–	–
Precision grinders, filers, and tool sharpeners	17.03	6.5	39.7	17.19	7.1	39.7	–	–	–
Patternmakers and modelmakers, metal	20.85	11.8	40.0	21.25	11.9	40.0	–	–	–
Layout workers	17.08	14.5	40.0	17.08	14.5	40.0	–	–	–
Precious stones and metals workers	12.72	16.9	39.8	14.83	14.2	39.7	–	–	–
Engravers, metal	17.15	19.9	40.0	17.15	19.9	40.0	–	–	–
Sheet metal workers	17.07	9.2	38.5	17.70	9.7	38.3	11.65	6.5	40.0
Sheet metal worker apprentices	14.16	17.2	39.1	14.16	17.2	39.1	–	–	–
Cabinet makers and bench carpenters	11.87	7.2	39.2	11.88	7.2	39.2	–	–	–
Furniture and wood finishers	12.61	6.8	40.0	12.71	9.4	40.0	–	–	–
Tailors	13.85	10.2	28.5	13.85	10.2	28.5	–	–	–
Upholsterers	15.84	13.7	40.0	16.10	13.9	40.0	–	–	–
Hand molders and shapers, except jewelers	17.56	5.3	40.0	17.56	5.3	40.0	–	–	–
Patternmakers, layout workers, and cutters	16.52	6.8	39.6	16.74	7.5	40.0	–	–	–
Dental laboratory and medical appliance technicians	14.90	4.1	39.5	14.98	4.4	39.5	–	–	–
Bookbinders	16.81	14.7	38.1	17.85	15.6	37.7	–	–	–
Electrical and electronic equipment assemblers	12.46	3.9	39.1	12.79	4.1	39.0	10.75	10.7	40.0
Miscellaneous precision workers, n.e.c.	15.07	8.7	39.7	15.15	7.9	39.6	14.88	20.4	40.0
Precision food production	12.94	10.2	39.9	12.94	10.2	39.9	–	–	–
Butchers and meat cutters	11.40	3.9	37.5	11.74	4.8	37.0	10.42	7.7	39.0
Bakers	10.76	5.2	35.3	10.64	5.5	35.0	–	–	–
Food batchmakers	11.69	10.7	39.8	11.50	12.4	39.8	–	–	–
Inspectors, testers, and graders	17.90	2.8	40.3	18.31	3.1	40.3	14.57	7.3	39.8
Precision inspectors, testers, and related workers, n.e.c.	21.85	7.3	40.0	21.92	7.2	40.0	–	–	–
Adjusters and calibrators	14.71	7.3	36.8	14.20	6.9	36.5	–	–	–
Water and sewer treatment plant operators	17.25	3.4	39.9	17.36	3.5	39.9	16.45	13.2	40.0
Power plant operators	25.62	2.9	40.0	25.63	3.2	40.0	–	–	–
Stationary engineers	21.91	4.5	39.8	21.74	4.8	39.9	24.07	9.9	38.7
Miscellaneous plant and system operators, n.e.c.	22.39	3.2	39.5	22.74	3.2	39.5	17.62	7.9	40.0
Machine operators, assemblers, and inspectors	12.94	1.4	39.2	13.07	1.3	39.1	12.38	4.4	39.6
Lathe and turning machine set-up operators	16.07	5.4	40.0	16.87	4.9	40.0	–	–	–
Lathe and turning machine operators	15.00	5.9	40.0	14.65	6.5	40.0	–	–	–
Milling and planing machine operators	13.04	5.2	40.0	13.10	5.5	40.0	–	–	–
Punching and stamping press operators	12.77	7.8	39.9	12.60	7.4	39.9	13.92	7.7	40.0
Rolling machine operators	15.38	11.8	40.0	16.47	13.5	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 July 2002–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									
Drilling and boring machine operators	\$11.82	11.1	40.0	\$11.80	11.3	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	13.08	3.6	38.9	12.96	4.2	38.5	\$13.39	6.5	40.0
Forging machine operators	13.75	7.4	39.8	13.91	8.2	39.8	–	–	–
Numerical control machine operators	14.63	4.5	39.7	15.16	4.8	39.6	12.73	3.7	40.0
Fabricating machine operators, n.e.c.	14.38	4.3	39.1	14.99	5.1	38.9	11.28	6.5	40.0
Molding and casting machine operators	12.32	3.5	39.6	12.46	4.0	39.6	11.78	5.1	39.8
Metal plating machine operators	13.68	7.0	39.5	13.71	7.0	39.5	–	–	–
Heat treating equipment operators	15.71	7.5	40.0	16.12	9.0	40.0	–	–	–
Wood lathe, routing, and planing machine operators	11.78	6.2	38.2	11.84	7.1	39.4	11.32	9.6	30.8
Sawing machine operators	11.98	4.3	39.8	12.51	4.1	39.7	10.95	7.0	40.0
Shaping and jointing machine operators	12.68	5.3	40.0	12.79	5.2	40.0	–	–	–
Nailing and tacking machine operators	10.86	6.3	38.2	–	–	–	–	–	–
Printing press operators	15.85	3.4	39.2	16.14	3.7	39.2	13.68	6.4	39.3
Photoengravers and lithographers	16.83	4.4	39.4	17.14	4.2	39.5	–	–	–
Typesetters and compositors	14.05	10.3	32.9	14.30	10.8	32.4	–	–	–
Winding and twisting machine operators	12.94	9.9	39.8	11.11	2.7	39.7	–	–	–
Knitting, looping, taping, and weaving machine operators	12.36	8.7	39.9	10.87	5.0	39.9	–	–	–
Textile cutting machine operators	9.98	6.8	39.2	10.81	3.5	38.9	–	–	–
Textile sewing machine operators	8.93	6.3	38.9	8.99	7.3	38.8	8.55	3.4	39.5
Pressing machine operators	9.08	4.0	39.3	9.00	3.7	39.2	–	–	–
Laundering and dry cleaning machine operators	8.49	4.1	38.0	8.56	4.7	38.8	7.91	4.4	32.7
Cementing and gluing machine operators	11.91	8.3	40.0	12.72	5.8	40.0	–	–	–
Packaging and filling machine operators	12.40	4.2	39.2	12.18	3.6	39.0	12.96	11.7	39.9
Extruding and forming machine operators	12.78	6.1	39.4	12.94	6.4	39.3	12.28	14.5	39.6
Mixing and blending machine operators	14.87	4.6	39.8	14.41	4.3	39.8	17.49	12.2	40.0
Separating, filtering, and clarifying machine operators	18.97	3.6	39.8	19.16	3.2	39.8	17.42	17.0	40.0
Compressing and compacting machine operators ..	11.39	2.7	40.4	11.60	3.2	39.9	–	–	–
Painting and paint spraying machine operators	15.10	6.0	40.0	15.19	6.5	40.0	13.93	8.5	40.0
Roasting and baking machine operators, food	11.42	9.4	39.7	–	–	–	–	–	–
Washing, cleaning, and pickling machine operators	13.22	10.2	40.0	13.26	10.6	40.0	–	–	–
Folding machine operators	13.07	7.7	40.0	13.07	7.7	40.0	–	–	–
Furnace, kiln, and oven operators, except food	13.72	6.3	39.7	14.33	8.8	39.5	13.00	7.7	40.0
Crushing and grinding machine operators	12.95	4.6	40.1	12.47	4.3	40.1	–	–	–
Slicing and cutting machine operators	13.12	4.6	39.5	12.95	3.4	39.9	13.70	13.0	38.2
Motion picture projectionists	12.24	25.2	28.4	12.24	25.2	28.4	–	–	–
Photographic process machine operators	10.93	5.2	32.3	10.93	5.2	32.3	–	–	–
Miscellaneous machine operators, n.e.c.	13.47	2.7	39.5	13.69	1.7	39.4	13.00	7.9	39.6
Welders and cutters	15.51	2.5	40.0	15.59	2.4	39.9	14.70	8.1	40.0
Solders and braziers	10.35	9.8	40.0	11.74	4.4	40.0	–	–	–
Assemblers	12.83	3.3	39.0	13.14	3.3	38.9	10.03	5.6	39.9
Hand cutting and trimming	9.86	12.6	39.6	9.90	12.8	40.0	–	–	–
Hand molding, casting, and forming	10.91	7.4	40.0	10.26	13.1	40.0	–	–	–
Hand painting, coating, and decorating	11.32	6.2	39.1	11.28	6.3	39.1	–	–	–
Hand engraving and printing	15.50	27.8	30.1	15.50	27.8	30.1	–	–	–
Miscellaneous hand working, n.e.c.	11.12	6.0	39.1	10.95	6.2	39.0	12.36	15.0	40.0
Production inspectors, checkers and examiners	13.18	4.1	39.6	13.00	4.3	39.6	14.00	11.0	40.0
Production testers	13.26	4.7	39.9	13.66	4.7	39.9	10.07	8.5	39.7
Production samplers and weighers	10.71	9.3	30.9	10.68	10.4	30.0	–	–	–
Graders and sorters, except agricultural	9.89	7.4	38.5	9.75	9.9	39.6	10.16	8.0	36.4
Hand inspectors, n.e.c.	10.49	10.2	39.8	10.49	10.2	39.8	–	–	–
Transportation and material moving									
Supervisors, motor vehicle operators	14.25	1.5	37.5	14.22	1.6	37.5	14.53	5.0	37.7
Truck drivers	18.48	5.0	42.3	19.42	4.6	42.6	16.16	11.3	41.6
Driver-sales workers	14.20	2.1	40.2	14.04	2.2	39.9	15.80	6.8	43.5
Bus drivers	12.77	5.9	35.5	12.79	6.0	35.7	12.07	9.8	30.2
Bus drivers	14.23	2.3	27.9	14.40	2.4	29.1	12.77	6.5	20.7

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 July 2002–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									
Taxicab drivers and chauffeurs	\$8.31	6.5	30.3	\$8.34	6.6	30.7	–	–	–
Parking lot attendants	8.26	7.4	32.4	8.18	8.1	32.0	–	–	–
Motor transportation, n.e.c.	8.52	7.6	29.6	8.57	7.9	30.4	\$6.98	10.4	17.2
Railroad conductors and yardmasters	34.89	4.7	40.0	35.93	4.2	40.0	–	–	–
Locomotive operating	32.98	10.3	39.9	33.21	10.5	40.0	–	–	–
Rail vehicle operators, n.e.c.	24.58	7.4	40.0	24.74	7.7	40.0	–	–	–
Ship captains and mates, except fishing boats	19.18	9.4	45.4	19.23	11.1	45.4	–	–	–
Sailors and deckhands	12.96	5.8	39.9	12.47	5.8	40.7	–	–	–
Bridge, lock and lighthouse tenders	13.49	2.7	40.0	–	–	–	–	–	–
Supervisors, material moving equipment	19.53	5.9	40.6	18.60	5.9	40.8	–	–	–
Operating engineers	19.65	6.0	39.8	21.38	3.5	40.0	13.88	13.8	39.2
Hoist and winch operators	13.03	12.7	40.0	14.41	15.6	40.0	–	–	–
Crane and tower operators	16.98	5.1	40.0	17.15	4.9	40.0	–	–	–
Excavating and loading machine operators	15.82	6.2	40.0	16.53	7.1	40.0	12.83	6.5	39.9
Grader, dozer, and scrapper operators	14.89	4.4	40.0	16.03	5.4	40.0	12.97	7.4	40.0
Industrial truck and tractor equipment operators	13.56	2.5	39.5	13.65	2.5	39.4	13.12	8.5	39.9
Miscellaneous material moving equipment operators, n.e.c.	15.61	4.2	37.3	16.24	4.5	36.8	12.19	4.4	39.9
Handlers, equipment cleaners, helpers, and laborers									
Nursery workers	10.98	1.3	35.6	11.14	1.4	35.6	10.02	3.0	35.9
Supervisors, agriculture-related workers	8.23	9.2	37.6	9.08	9.0	36.2	–	–	–
Groundskeepers and gardeners, except farm	18.17	6.7	40.0	18.86	6.0	39.6	–	–	–
Animal caretakers, except farm	11.16	2.9	37.2	11.39	3.5	37.3	10.48	5.6	37.1
Inspectors, agricultural products	10.48	9.3	32.6	10.49	9.3	32.6	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	9.55	16.9	38.6	10.97	14.9	37.8	–	–	–
Helpers, mechanics and repairers	18.31	5.9	39.3	18.72	6.4	39.2	15.63	8.1	40.0
Helpers, construction trades	11.61	4.5	38.6	11.68	4.9	38.4	10.85	6.9	39.8
Helpers, extractive	11.26	3.1	39.4	11.36	3.4	39.6	10.11	5.0	38.2
Construction laborers	11.11	18.2	40.0	12.43	24.5	40.0	–	–	–
Production helpers	13.00	4.2	38.8	13.26	4.3	38.7	9.61	5.6	39.1
Garbage collectors	10.01	3.5	39.1	9.82	3.9	38.9	10.90	6.6	39.8
Stevedores	14.54	8.7	40.6	15.00	7.8	40.9	–	–	–
Stock handlers and baggers	16.95	19.8	36.2	16.95	19.8	36.2	–	–	–
Machine feeders and offbearers	9.56	1.9	29.5	9.62	2.0	29.4	9.28	5.6	29.7
Freight, stock, and material handlers, n.e.c.	10.48	3.0	39.1	10.57	2.9	38.8	10.20	9.3	39.9
Garage and service station related	12.10	4.9	34.9	12.28	4.7	34.7	10.86	14.3	35.9
Vehicle washers and equipment cleaners	9.87	6.6	37.3	9.95	7.1	37.1	–	–	–
Hand packers and packagers	9.88	2.8	37.1	9.98	3.0	37.1	8.43	8.3	36.9
Laborers, except construction, n.e.c.	9.31	3.7	36.9	9.43	4.3	36.9	8.56	4.8	36.3
Service	10.62	2.4	36.9	10.70	2.6	36.7	10.15	5.5	38.0
Protective service	10.32	1.3	31.6	10.49	1.2	31.3	9.31	3.1	33.4
Supervisors, firefighters and fire prevention	16.83	2.3	37.0	17.23	2.1	36.7	14.26	5.8	38.6
Supervisors, police and detectives	24.50	4.7	49.0	25.06	4.7	48.9	16.91	10.0	50.2
Supervisors, guards	28.77	2.9	40.2	30.10	2.5	40.2	17.88	12.2	40.1
Fire inspection and fire prevention	19.78	5.7	38.4	19.78	5.9	38.4	19.77	18.4	38.9
Firefighting	20.41	8.8	39.0	20.43	10.0	38.9	–	–	–
Police and detectives, public service	17.91	2.6	44.2	18.24	2.7	44.2	13.21	6.0	44.1
Sheriffs, bailiffs, and other law enforcement officers	22.64	1.0	39.4	23.02	1.0	39.5	17.85	2.8	38.9
Correctional institution officers	18.58	1.9	38.2	20.64	1.4	37.6	14.01	3.5	39.6
Crossing guards	16.43	5.1	39.7	17.71	4.2	39.8	14.49	9.6	39.4
Guards and police, except public service	9.60	4.9	17.9	9.68	4.9	18.4	–	–	–
Protective service, n.e.c.	10.24	2.9	33.3	10.26	3.0	33.2	9.89	6.4	34.9
Food service	11.72	6.5	25.8	11.72	6.8	25.7	11.78	19.5	27.3
Waiters, waitresses, and bartenders	7.41	1.1	28.4	7.41	1.2	28.2	7.37	2.4	29.5
Bartenders	4.88	2.7	26.5	4.80	3.0	26.2	5.32	5.3	28.3
Waiters and waitresses	6.75	3.8	27.3	6.62	4.0	27.6	7.66	8.5	25.2
Waiters'/Waitresses' assistants	4.21	3.3	26.5	4.08	3.6	26.0	4.91	5.2	29.1
	6.01	3.2	25.9	6.09	3.3	25.8	5.19	8.8	26.7

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 July 2002—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									
Food service—Continued									
Other food service	\$8.45	1.2	29.2	\$8.46	1.2	29.1	\$8.38	3.9	30.1
Supervisors, food preparation and service	12.61	2.6	38.9	12.58	2.7	39.1	12.80	9.3	37.5
Cooks	9.10	1.5	33.6	9.17	1.5	33.8	8.68	4.1	32.5
Kitchen workers, food preparation	7.75	2.0	28.6	7.73	2.3	28.3	7.90	2.1	31.1
Food preparation, n.e.c.	7.48	1.1	25.6	7.51	1.2	25.6	7.19	3.7	26.3
Health service	10.54	1.8	34.1	10.73	1.8	34.2	9.54	5.5	33.7
Dental assistants	14.47	7.0	35.5	14.57	7.2	35.6	—	—	—
Health aides, except nursing	11.49	3.7	34.2	11.35	3.5	34.3	12.46	15.5	33.5
Nursing aides, orderlies and attendants	9.80	1.3	34.0	10.04	1.4	34.0	8.80	2.6	33.7
Cleaning and building service	10.23	2.0	34.7	10.41	2.1	34.6	9.10	2.5	35.2
Supervisors, cleaning and building service workers	14.73	4.0	39.6	14.92	4.6	39.3	14.22	11.3	40.7
Maids and housemen	8.21	1.6	34.6	8.35	1.8	35.2	7.51	2.1	32.1
Janitors and cleaners	10.38	2.1	34.2	10.61	2.0	34.0	8.79	2.8	35.8
Pest control	12.70	6.2	39.0	12.70	6.2	39.0	—	—	—
Personal service	10.28	3.7	29.2	10.74	1.9	28.0	8.46	10.3	35.2
Supervisors, personal service	15.16	4.1	39.4	14.65	3.0	38.7	16.25	9.3	40.9
Hairdressers and cosmetologists	13.12	7.3	26.1	12.69	7.0	25.9	20.44	31.2	32.2
Attendants, amusement, and recreation facilities	7.06	4.6	31.8	7.57	3.4	26.4	6.67	1.7	37.7
Guides	12.05	12.7	31.5	12.28	12.5	32.3	—	—	—
Ushers	8.33	3.5	23.2	8.31	3.5	23.7	—	—	—
Public transportation attendants	30.95	2.5	19.5	31.01	2.5	19.4	—	—	—
Baggage porters and bellhops	7.21	6.1	36.8	7.16	6.2	36.7	—	—	—
Welfare service aides	9.10	5.3	28.4	9.12	5.8	28.4	8.80	6.0	28.2
Early childhood teachers' assistants	8.32	3.8	30.4	8.35	4.3	30.3	8.12	6.8	31.1
Child care workers, n.e.c.	9.27	4.1	28.7	9.30	4.1	28.1	9.08	14.6	33.8
Service, n.e.c.	10.36	3.0	29.7	10.44	3.1	29.8	9.59	8.9	28.6

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

² A metropolitan area 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. Data were collected between December 2001 and

January 2003. The average reference period was July 2002.

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

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, 2001-2002

Occupational group ³	(1)	(2)	(3)	(4)	(5)
	New York-Northern New Jersey-Long Island (April 2002)	Los Angeles-Riverside-Orange County (April 2002)	Chicago-Gary-Kenosha (October 2001)	Washington-Baltimore (April 2002)	San Francisco-Oakland-San Jose (April 2002)
All	\$22.92	\$19.84	\$19.26	\$20.12	\$24.55
White collar	27.63	24.15	24.03	24.05	28.47
White collar, excluding sales	28.48	25.02	24.43	25.28	30.04
Professional specialty and technical	33.80	32.20	29.28	30.59	34.49
Professional specialty	35.52	34.52	29.90	31.73	36.59
Technical	26.19	22.79	26.68	24.00	26.32
Executive, administrative, and managerial	38.57	31.99	32.01	30.18	39.58
Sales	17.60	17.51	20.20	16.25	16.32
Administrative support, including clerical	16.37	14.99	15.39	14.75	17.68
Blue collar	17.62	14.84	16.07	16.35	19.04
Precision production, craft, and repair	24.03	21.10	21.97	20.22	24.72
Machine operators, assemblers, and inspectors	12.43	11.44	13.25	14.45	16.80
Transportation and material moving	18.38	14.29	16.69	15.32	17.76
Handlers, equipment cleaners, helpers, and laborers	14.67	10.75	13.76	12.25	13.42
Service	14.70	13.64	12.25	11.96	15.92
Protective service	22.07	20.95	18.40	19.09	24.21
Food service	9.18	9.71	7.94	8.48	9.77
Health service	11.03	10.84	10.93	10.78	14.90
Cleaning and building service	13.69	9.65	10.72	10.30	13.61
Personal service	14.22	11.54	10.75	11.72	15.30
	(6)	(7)	(8)	(9)	(10)
	Boston-Worcester-Lawrence (October 2001)	Philadelphia-Wilmington-Atlantic City (December 2001)	Detroit-Ann Arbor-Flint (April 2002)	Dallas-Fort Worth (March 2002)	Houston-Galveston-Brazoria (December 2001)
All	\$20.61	\$20.47	\$20.99	\$18.73	\$18.94
White collar	24.83	24.52	25.33	23.16	23.73
White collar, excluding sales	25.71	25.66	26.32	24.17	24.95
Professional specialty and technical	29.47	30.78	30.64	28.51	29.01
Professional specialty	32.24	33.54	33.23	28.90	30.46
Technical	19.86	21.84	21.80	27.15	23.56
Executive, administrative, and managerial	34.08	31.60	36.81	30.35	34.45
Sales	17.98	16.24	17.17	16.05	15.46
Administrative support, including clerical	15.44	14.95	14.55	14.21	13.51
Blue collar	16.64	16.79	18.78	14.21	14.60
Precision production, craft, and repair	21.29	20.61	23.73	17.80	19.18
Machine operators, assemblers, and inspectors	13.63	14.70	18.28	12.65	12.19
Transportation and material moving	17.56	16.00	16.30	16.54	14.19
Handlers, equipment cleaners, helpers, and laborers	12.81	13.59	11.47	10.44	9.69
Service	12.75	12.27	11.54	11.04	9.98
Protective service	17.80	19.22	17.03	15.48	15.10
Food service	8.15	7.88	8.16	7.82	7.36
Health service	11.90	11.54	9.98	9.76	10.12
Cleaning and building service	12.79	10.64	12.67	9.36	7.74
Personal service	13.17	12.92	9.74	16.73	12.87

¹ A metropolitan area 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 2002

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	\$17.18	0.8	35.8	\$18.61	2.9	34.4	\$19.79	1.8	34.8
Private industry	16.40	.9	35.6	17.73	3.5	34.2	18.93	1.5	34.7
State and local government	21.54	.9	36.7	24.55	2.6	35.8	24.69	1.9	35.4
Metropolitan areas	17.56	.8	35.7	18.99	2.9	34.4	19.97	1.8	34.8
Nonmetropolitan areas	14.20	2.7	36.4	14.66	9.4	34.5	15.83	3.8	34.9
Worker characteristics:⁵									
White-collar occupations ⁶	21.09	.9	36.1	22.85	3.7	34.8	24.42	1.4	34.8
Professional specialty and technical ...	27.18	1.3	36.1	28.69	1.6	35.5	30.41	4.1	34.7
Executive, administrative, and managerial	31.16	2.6	40.0	30.89	4.6	40.0	36.06	9.5	38.8
Sales	14.50	2.1	32.6	14.58	14.8	29.5	16.00	4.3	30.4
Administrative support	13.41	.5	36.4	14.86	2.5	34.9	14.77	.9	35.1
Blue-collar occupations ⁶	14.51	.9	38.2	15.12	3.1	38.0	15.71	2.4	38.2
Precision production, craft, and repair	18.20	1.1	39.6	19.58	4.9	39.5	20.21	3.4	39.4
Machine operators, assemblers, and inspectors	12.94	1.4	39.2	12.58	5.5	38.5	13.21	3.5	39.3
Transportation and material moving ...	14.25	1.5	37.5	12.94	8.2	37.7	15.39	2.2	36.5
Handlers, equipment cleaners, helpers, and laborers	10.98	1.3	35.6	11.77	2.4	34.2	12.41	6.0	36.9
Service occupations ⁶	10.32	1.3	31.6	11.19	2.6	29.2	12.38	1.6	31.0
Full time	18.14	.9	39.6	19.92	2.7	39.3	21.00	1.8	38.8
Part time	9.66	1.0	20.5	10.72	1.4	19.7	10.10	3.0	19.1
Union	20.65	.8	36.9	22.41	.9	35.4	21.51	1.3	36.3
Nonunion	16.42	1.0	35.6	17.73	3.2	34.2	19.05	2.1	34.3
Time	16.89	1.0	35.7	18.35	2.2	34.3	19.42	3.6	34.8
Incentive	22.52	6.5	38.3	25.77	18.6	36.6	28.23	31.1	37.0
Establishment characteristics:									
Goods producing ⁷	17.74	1.2	39.5	19.48	4.7	39.6	19.01	3.4	39.2
Service producing ⁷	15.88	1.1	34.3	17.10	2.9	32.6	18.90	1.6	33.4
1 to 99 workers ⁸	14.43	1.2	34.6	14.63	4.1	33.3	16.28	4.2	33.8
100 to 499 workers	16.73	1.4	36.3	18.99	3.4	34.5	18.79	2.5	35.1
500 to 999 workers	18.80	2.3	37.2	23.17	7.0	36.2	22.26	9.1	36.2
1,000 to 2,499 workers	20.75	3.5	36.5	25.32	.6	36.2	26.68	13.4	35.7
2,500 workers or more	23.30	2.0	37.4	26.08	3.5	36.7	25.51	3.7	36.1

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 2002—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	\$17.42	1.2	35.7	\$16.11	4.1	35.3	\$15.97	1.9	36.4
Private industry	16.64	1.3	35.6	15.31	4.3	35.0	15.38	2.4	36.1
State and local government	22.47	2.3	35.9	20.40	3.5	37.2	18.84	1.2	38.0
Metropolitan areas	17.73	1.3	35.6	16.82	4.7	35.3	16.26	2.1	36.3
Nonmetropolitan areas	15.11	3.4	36.3	13.38	6.2	35.3	13.83	3.4	37.1
Worker characteristics:⁵									
White-collar occupations ⁶	21.12	1.7	36.0	19.43	5.1	36.1	19.64	2.5	36.9
Professional specialty and technical ...	26.72	1.7	35.6	24.26	3.1	36.4	25.67	1.9	36.9
Executive, administrative, and managerial	30.73	2.3	39.4	30.16	12.5	41.2	29.57	5.7	40.4
Sales	15.28	5.0	33.2	12.83	8.3	31.5	12.99	4.0	33.2
Administrative support	13.64	1.3	36.3	12.26	4.8	36.5	12.51	1.5	37.4
Blue-collar occupations ⁶	15.43	1.5	38.0	14.48	2.6	38.1	13.31	2.0	38.3
Precision production, craft, and repair	19.48	1.9	39.7	18.11	2.7	40.2	16.75	2.0	39.7
Machine operators, assemblers, and inspectors	14.07	2.2	39.5	12.77	5.2	38.7	12.31	2.8	39.5
Transportation and material moving ...	15.65	1.9	37.3	14.34	5.2	37.1	13.15	4.4	37.4
Handlers, equipment cleaners, helpers, and laborers	12.07	2.7	33.7	11.06	4.3	35.6	10.00	1.6	36.1
Service occupations ⁶	10.20	2.3	30.5	9.81	5.7	29.4	9.56	1.4	32.5
Full time	18.41	1.2	39.6	17.25	3.9	39.9	16.80	2.0	39.8
Part time	9.83	2.1	20.3	8.87	3.4	20.3	8.83	1.5	21.1
Union	20.03	1.2	37.5	18.98	2.9	37.6	18.26	3.1	38.0
Nonunion	16.64	2.0	35.2	15.53	5.6	34.9	15.73	2.1	36.3
Time	17.20	1.3	35.5	15.63	3.5	35.1	15.59	1.1	36.3
Incentive	21.76	11.2	39.1	25.48	27.2	40.3	21.41	17.1	38.2
Establishment characteristics:									
Goods producing ⁷	18.35	1.8	39.4	16.12	4.3	39.2	16.10	2.7	39.7
Service producing ⁷	15.67	1.6	33.8	14.98	5.4	33.5	15.12	3.0	35.0
1 to 99 workers ⁸	14.48	1.8	34.5	14.07	8.2	33.6	13.30	1.6	35.1
100 to 499 workers	16.96	1.8	36.1	15.63	3.9	35.8	15.65	6.8	37.2
500 to 999 workers	18.93	2.1	37.1	17.17	4.3	37.2	16.99	3.7	38.0
1,000 to 2,499 workers	20.57	3.0	36.1	17.73	6.1	36.8	18.90	2.3	36.7
2,500 workers or more	24.77	2.2	37.6	22.22	2.1	38.1	21.27	1.9	38.1

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 2002—Continued

Worker and establishment characteristics	East South Central			West South Central		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$14.19	5.0	37.1	\$15.39	1.5	36.6
Private industry	13.67	5.3	37.1	14.81	1.6	36.3
State and local government	17.94	4.3	37.2	18.24	1.4	38.2
Metropolitan areas	15.06	4.0	36.5	15.49	1.7	36.7
Nonmetropolitan areas	12.37	11.5	38.5	14.45	6.5	36.3
Worker characteristics:⁵						
White-collar occupations ⁶	17.74	5.1	37.0	19.05	2.5	37.0
Professional specialty and technical ... Executive, administrative, and managerial	22.33	3.2	37.1	25.70	3.9	37.4
Sales	26.15	3.0	40.7	28.96	1.1	40.8
Administrative support	15.01	17.6	34.7	12.60	6.5	33.3
Blue-collar occupations ⁶	11.95	2.2	37.1	12.32	.9	37.7
Precision production, craft, and repair Machine operators, assemblers, and inspectors	12.96	4.1	38.7	12.86	2.7	38.8
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	15.46	4.1	39.3	15.31	4.1	40.0
Service occupations ⁶	12.97	7.8	39.5	11.93	6.0	39.3
Full time	12.89	5.4	38.5	12.88	9.1	39.9
Part time	9.72	3.3	37.3	9.22	4.3	35.9
Union	8.74	3.4	35.1	8.58	3.2	32.6
Nonunion	14.70	5.4	39.8	16.25	1.8	39.9
Time	8.48	3.4	21.0	7.93	3.1	21.6
Incentive	17.69	6.7	38.5	19.06	3.4	37.7
Time	13.74	4.7	36.9	15.17	1.8	36.6
Incentive	13.76	4.3	37.1	15.18	1.6	36.4
Incentive	19.02	19.5	37.3	18.65	5.7	40.2
Establishment characteristics:						
Goods producing ⁷	15.29	5.5	39.9	16.61	1.6	39.4
Service producing ⁷	12.90	7.9	35.9	14.17	2.0	35.3
1 to 99 workers ⁸	12.52	4.0	35.4	13.13	2.8	36.0
100 to 499 workers	15.19	7.5	38.4	15.01	2.5	36.5
500 to 999 workers	13.68	7.8	38.6	17.50	3.9	37.7
1,000 to 2,499 workers	14.93	16.2	38.8	18.05	3.2	37.5
2,500 workers or more	16.42	21.3	36.8	21.06	3.1	38.1

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 2002—Continued

Worker and establishment characteristics	Mountain			Pacific		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$15.67	3.6	35.5	\$19.08	1.8	35.8
Private industry	14.67	2.6	35.2	18.01	2.4	35.9
State and local government	21.50	3.2	37.1	24.87	.8	35.6
Metropolitan areas	15.67	4.2	35.5	19.22	1.9	35.9
Nonmetropolitan areas	15.70	1.3	35.7	16.10	1.6	34.8
Worker characteristics:⁵						
White-collar occupations ⁶	18.98	1.3	36.0	23.18	2.2	36.2
Professional specialty and technical ... Executive, administrative, and managerial	25.41	6.1	36.1	30.07	4.3	36.4
Sales	28.43	3.5	40.6	32.32	8.3	40.0
Administrative support	14.15	2.9	34.8	16.89	2.6	32.8
Blue-collar occupations ⁶	12.22	2.2	35.1	14.85	.8	36.2
Precision production, craft, and repair Machine operators, assemblers, and inspectors	14.18	2.4	37.5	15.60	2.1	38.0
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	17.33	2.4	39.7	20.30	3.5	39.3
Service occupations ⁶	11.39	5.3	38.3	11.92	2.8	38.5
Full time	14.17	8.5	34.9	15.06	2.3	37.9
Part time	10.68	1.9	35.3	11.59	2.3	35.5
Union	8.99	2.5	31.9	11.84	1.9	31.9
Nonunion	16.57	4.8	39.6	20.13	1.8	39.7
Time	9.74	2.3	21.1	11.46	2.1	21.0
Union	19.30	10.0	37.1	22.54	.9	36.4
Nonunion	15.30	3.4	35.3	17.87	2.7	35.6
Time	15.41	4.1	35.4	18.84	1.8	35.8
Incentive	21.26	1.9	36.7	24.94	8.9	37.7
Establishment characteristics:						
Goods producing ⁷	17.86	3.0	39.3	20.18	4.7	39.6
Service producing ⁷	13.69	2.3	34.1	17.32	4.1	34.8
1 to 99 workers ⁸	13.49	2.2	34.4	16.14	2.7	34.9
100 to 499 workers	16.12	3.0	36.3	17.64	2.7	36.7
500 to 999 workers	16.67	10.6	37.0	21.47	2.1	36.9
1,000 to 2,499 workers	18.46	11.5	37.6	24.34	3.8	35.1
2,500 workers or more	23.34	8.8	36.7	26.00	1.6	37.3

¹ Data are presented for nine census divisions. 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. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

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 earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002

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	\$18.61	2.9	34.4	\$18.99	2.9	34.4	\$14.66	9.4	34.5
All, excluding sales	19.03	1.8	35.0	19.46	1.5	35.0	14.61	6.1	34.7
White collar	22.85	3.7	34.8	23.24	4.0	34.8	18.64	8.0	35.8
White collar, excluding sales	24.59	1.2	36.2	25.09	1.1	36.2	19.28	4.1	36.7
Professional specialty and technical	28.69	1.6	35.5	29.42	.6	35.5	22.07	13.7	35.2
Professional specialty	30.57	1.6	35.4	31.20	1.1	35.3	24.47	11.9	36.4
Engineers, architects, and surveyors	34.17	3.6	40.2	34.30	3.6	40.2	-	-	-
Aerospace engineers	35.75	1.8	42.6	35.75	1.8	42.6	-	-	-
Civil engineers	30.79	7.2	37.9	30.79	7.2	37.9	-	-	-
Electrical and electronic engineers	40.63	5.1	40.8	40.63	5.1	40.8	-	-	-
Industrial engineers	28.34	5.7	40.6	28.60	5.8	40.6	-	-	-
Mechanical engineers	30.06	2.1	40.6	30.29	2.1	40.7	-	-	-
Engineers, n.e.c.	33.60	6.2	39.5	33.60	6.2	39.5	-	-	-
Mathematical and computer scientists	32.97	3.8	39.3	32.88	4.3	39.3	36.40	20.0	38.8
Computer systems analysts and scientists	34.22	2.1	39.3	34.15	2.0	39.3	36.40	20.0	38.8
Operations and systems researchers and analysts	23.61	10.6	39.3	23.61	10.6	39.3	-	-	-
Natural scientists	31.12	3.8	39.4	31.12	3.8	39.4	-	-	-
Biological and life scientists	30.82	13.1	36.2	30.82	13.1	36.2	-	-	-
Medical scientists	29.61	7.4	38.6	29.61	7.4	38.6	-	-	-
Health related	27.53	1.9	32.3	28.01	2.2	32.2	24.56	7.8	32.6
Physicians	34.73	15.7	40.6	35.68	16.5	40.6	-	-	-
Registered nurses	27.01	1.0	31.3	27.73	.9	31.2	23.40	7.9	31.9
Pharmacists	35.00	.8	26.3	34.94	.8	26.2	-	-	-
Respiratory therapists	24.31	6.4	32.7	24.31	6.4	32.7	-	-	-
Occupational therapists	21.44	8.3	33.7	21.44	8.3	33.7	-	-	-
Speech therapists	27.72	8.4	35.3	27.72	8.4	35.3	-	-	-
Physicians' assistants	33.23	11.7	38.8	-	-	-	-	-	-
Teachers, college and university	46.60	3.8	34.2	48.71	4.0	33.6	36.62	8.2	37.2
Psychology teachers	46.57	11.3	26.0	-	-	-	-	-	-
Medical science teachers	49.83	20.8	27.6	49.83	20.8	27.6	-	-	-
Business, commerce, and marketing teachers	57.49	20.8	36.2	73.61	11.3	33.0	-	-	-
Art, drama, and music teachers	40.80	6.1	33.8	40.13	6.4	33.0	-	-	-
Education teachers	56.60	13.7	34.5	-	-	-	-	-	-
English teachers	57.28	7.3	34.9	57.28	7.3	34.9	-	-	-
Other post-secondary teachers	41.01	8.1	33.4	41.42	8.5	33.0	-	-	-
Teachers, except college and university	29.87	10.2	32.9	30.65	10.6	32.3	24.60	.0	37.6
Prekindergarten and kindergarten	14.78	6.9	32.1	15.14	6.9	31.6	-	-	-
Elementary school teachers	37.12	2.4	34.2	37.86	1.3	34.0	-	-	-
Secondary school teachers	34.09	7.8	35.0	37.06	2.3	34.3	-	-	-
Teachers, special education	30.65	6.5	36.3	30.25	8.0	35.9	-	-	-
Teachers, n.e.c.	32.91	6.6	29.2	32.91	6.6	29.2	-	-	-
Substitute teachers	9.87	5.9	8.2	9.87	5.9	8.2	-	-	-
Vocational and educational counselors	30.41	9.0	36.9	32.87	5.4	36.5	-	-	-
Librarians, archivists, and curators	26.75	10.4	35.5	28.50	9.9	35.1	-	-	-
Librarians	26.26	14.9	36.3	28.25	14.6	36.0	-	-	-
Social scientists and urban planners	28.61	7.6	37.6	28.61	7.6	37.6	-	-	-
Economists	27.78	9.3	40.5	27.78	9.3	40.5	-	-	-
Psychologists	32.60	15.1	30.1	32.60	15.1	30.1	-	-	-
Social, recreation, and religious workers	18.18	11.1	35.8	20.08	4.7	33.4	-	-	-
Social workers	20.08	5.1	36.8	20.03	5.2	36.8	-	-	-
Recreation workers	-	-	-	20.55	1.2	18.5	-	-	-
Lawyers and judges	40.26	16.7	41.4	42.50	16.1	41.6	-	-	-
Lawyers	39.86	17.6	41.5	42.11	16.9	41.7	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.05	11.4	37.0	24.39	11.9	37.8	-	-	-
Editors and reporters	20.36	5.5	38.4	20.36	5.5	38.4	-	-	-
Public relations specialists	28.10	7.4	38.1	29.22	7.4	38.3	-	-	-
Athletes	20.55	17.3	24.5	25.75	9.0	33.6	-	-	-
Technical	20.13	4.1	35.9	21.01	3.7	36.7	13.98	4.8	31.4
Clinical laboratory technologists and technicians	18.63	5.2	35.4	18.93	5.0	35.3	-	-	-
Health record technologists and technicians	18.12	14.7	38.5	18.12	14.7	38.5	-	-	-
Radiological technicians	24.01	7.7	28.0	24.12	7.7	27.9	-	-	-
Licensed practical nurses	18.99	4.4	30.6	19.75	3.5	32.1	-	-	-

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 June 2002—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									
Health technologists and technicians, n.e.c.	\$15.50	8.4	37.1	\$16.72	6.3	37.7	—	—	—
Electrical and electronic technicians	22.14	5.1	40.0	22.58	5.4	39.9	—	—	—
Mechanical engineering technicians	21.83	11.9	39.9	21.83	11.9	39.9	—	—	—
Engineering technicians, n.e.c.	23.18	3.8	39.5	23.18	3.8	39.5	—	—	—
Drafters	20.77	9.2	39.9	21.27	8.0	39.8	—	—	—
Science technicians, n.e.c.	18.13	11.8	37.3	19.01	12.5	37.2	—	—	—
Computer programmers	26.98	4.7	37.9	27.48	4.0	41.2	—	—	—
Legal assistants	19.31	22.1	36.5	25.12	10.7	37.5	—	—	—
Technical and related, n.e.c.	20.12	13.0	39.5	20.20	13.1	39.5	—	—	—
Executive, administrative, and managerial	30.89	4.6	40.0	31.47	5.1	39.7	\$23.72	4.0	43.0
Executives, administrators, and managers	34.13	4.9	40.8	34.94	5.8	40.5	25.43	3.4	44.4
Legislators	27.45	5.4	19.1	27.45	5.4	19.1	—	—	—
Administrators and officials, public administration ...	33.71	14.5	38.2	37.10	3.9	37.9	—	—	—
Financial managers	34.94	6.4	41.2	35.36	6.7	41.3	—	—	—
Personnel and labor relations managers	30.67	33.2	44.7	38.95	30.6	41.4	—	—	—
Purchasing managers	26.35	17.0	42.7	—	—	—	—	—	—
Managers, marketing, advertising, and public relations	33.32	17.3	40.8	33.32	17.3	40.8	—	—	—
Administrators, education and related fields	38.64	6.8	37.7	38.55	5.5	37.6	—	—	—
Managers, medicine and health	35.70	12.1	39.6	36.29	13.1	39.8	—	—	—
Managers, service organizations, n.e.c.	20.12	20.9	40.3	20.13	21.0	40.3	—	—	—
Managers and administrators, n.e.c.	39.32	5.2	42.6	40.08	6.0	42.4	29.02	7.3	45.6
Management related	25.56	8.1	38.6	25.92	8.2	38.6	19.41	.4	39.8
Accountants and auditors	21.71	1.7	37.8	21.83	1.9	37.7	—	—	—
Other financial officers	40.83	15.4	39.6	41.01	15.3	39.6	—	—	—
Management analysts	25.47	9.9	39.5	25.51	10.9	39.7	—	—	—
Personnel, training, and labor relations specialists ...	22.15	14.8	39.3	22.22	15.4	39.3	—	—	—
Purchasing agents and buyers, n.e.c.	24.54	4.5	39.9	24.54	4.5	39.9	—	—	—
Construction inspectors	19.57	21.7	41.0	—	—	—	—	—	—
Inspectors and compliance officers, except construction	23.02	2.7	38.6	23.02	2.7	38.6	—	—	—
Management related, n.e.c.	24.99	6.1	37.3	25.74	5.5	37.1	—	—	—
Sales	14.58	14.8	29.5	14.53	15.2	29.4	15.24	35.9	31.6
Supervisors, sales	19.44	12.1	40.1	17.72	6.0	40.0	23.94	14.9	40.2
Insurance sales	33.32	29.7	37.7	33.32	29.7	37.7	—	—	—
Advertising and related sales	25.67	14.7	41.2	25.67	14.7	41.2	—	—	—
Sales representatives, mining, manufacturing, and wholesale	28.10	12.1	43.1	28.10	12.1	43.1	—	—	—
Sales workers, apparel	8.90	6.7	24.7	8.90	6.7	24.7	—	—	—
Sales workers, other commodities	10.11	5.2	25.2	9.50	3.8	24.5	—	—	—
Sales counter clerks	7.69	2.2	19.0	7.69	2.2	19.0	—	—	—
Cashiers	8.57	1.9	25.6	8.67	2.6	25.6	—	—	—
Sales support, n.e.c.	20.20	49.0	37.2	20.30	49.4	37.1	—	—	—
Administrative support, including clerical	14.86	2.5	34.9	15.12	2.7	34.9	11.72	1.0	35.8
Supervisors, general office	18.24	5.2	37.4	18.22	5.3	37.4	—	—	—
Supervisors, financial records processing	26.34	7.3	39.6	26.34	7.3	39.6	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.49	24.6	34.9	19.47	25.2	34.8	—	—	—
Computer operators	14.81	8.4	35.9	14.81	8.4	35.9	—	—	—
Secretaries	16.34	4.0	35.6	16.51	4.4	35.4	14.47	11.0	37.6
Typists	14.71	7.4	35.2	14.71	7.4	35.2	—	—	—
Interviewers	12.04	.6	30.6	12.10	.5	30.1	—	—	—
Transportation ticket and reservation agents	14.16	8.1	37.3	14.16	8.1	37.3	—	—	—
Receptionists	11.45	3.5	35.4	12.04	2.0	34.7	—	—	—
Information clerks, n.e.c.	12.87	6.6	37.4	12.93	7.0	38.4	—	—	—
Order clerks	14.20	5.3	37.4	14.78	4.5	37.0	—	—	—
Personnel clerks, except payroll and timekeeping ...	17.57	4.3	37.8	17.57	4.3	37.8	—	—	—

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 **June 2002—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	\$13.88	12.8	32.2	\$13.88	12.8	32.2	—	—	—
File clerks	9.23	4.1	37.9	9.62	4.2	36.7	—	—	—
Records clerks, n.e.c.	14.84	4.7	34.6	14.70	4.9	34.5	—	—	—
Bookkeepers, accounting and auditing clerks	14.72	4.9	34.6	14.85	5.4	35.1	—	—	—
Payroll and timekeeping clerks	14.06	7.7	33.3	14.11	7.8	33.2	—	—	—
Billing clerks	13.92	3.2	35.4	13.53	2.7	35.4	—	—	—
Telephone operators	12.05	6.6	25.6	12.05	6.6	25.6	—	—	—
Mail clerks, except postal service	11.09	5.0	36.9	11.03	6.1	37.0	—	—	—
Dispatchers	14.74	1.7	38.1	14.85	1.7	39.2	—	—	—
Production coordinators	19.43	11.2	39.6	19.62	11.1	39.6	—	—	—
Traffic, shipping and receiving clerks	15.37	6.6	39.4	15.56	5.5	39.4	—	—	—
Stock and inventory clerks	14.41	3.7	37.8	14.79	3.0	37.6	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	12.67	8.1	40.0	—	—	—	—	—	—
Insurance adjusters, examiners, and investigators ..	17.43	3.9	37.8	17.37	4.2	37.9	—	—	—
Investigators and adjusters, except insurance	16.33	12.0	36.2	16.33	12.1	36.2	—	—	—
Bill and account collectors	16.12	4.4	36.0	16.48	4.0	39.5	—	—	—
General office clerks	14.15	3.1	31.7	14.20	3.2	31.6	—	—	—
Bank tellers	11.11	7.4	30.3	11.30	8.5	30.4	—	—	—
Data entry keyers	13.69	4.5	35.5	13.99	3.5	35.4	—	—	—
Teachers' aides	10.91	7.9	32.9	12.11	1.5	30.4	—	—	—
Administrative support, n.e.c.	16.68	7.8	36.5	16.92	7.9	36.3	—	—	—
Blue collar	15.12	3.1	38.0	15.61	3.0	37.9	\$10.65	6.0	38.1
Precision production, craft, and repair									
Supervisors, mechanics and repairers	19.58	4.9	39.5	19.80	5.1	39.5	14.37	1.7	39.8
Automobile mechanics	17.65	17.6	41.3	17.65	17.6	41.3	—	—	—
Bus, truck, and stationary engine mechanics	22.18	7.2	40.0	22.26	7.1	40.0	—	—	—
Industrial machinery repairers	20.48	4.8	40.0	20.90	6.2	40.0	—	—	—
Machinery maintenance	15.67	3.5	39.9	15.67	3.7	39.9	—	—	—
Electronic repairers, communications and industrial equipment	15.00	9.2	39.9	15.66	12.1	39.9	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.13	6.1	35.5	18.13	6.1	35.5	—	—	—
Mechanics and repairers, n.e.c.	20.37	10.2	40.0	21.93	6.0	40.0	—	—	—
Supervisors, construction trades, n.e.c.	13.16	15.7	33.3	—	—	—	—	—	—
Carpenters	20.49	12.6	40.8	20.73	13.9	40.9	—	—	—
Electricians	20.01	12.9	40.0	20.01	12.9	40.0	—	—	—
Electrician apprentices	22.37	6.2	41.1	22.37	6.2	41.1	—	—	—
Electrical power installers and repairers	14.97	9.1	40.0	14.97	9.1	40.0	—	—	—
Plumbers, pipefitters and steamfitters	27.85	3.3	40.0	27.85	3.3	40.0	—	—	—
Construction trades, n.e.c.	22.22	4.2	40.0	22.71	1.6	40.0	—	—	—
Supervisors, production	15.17	7.6	39.2	15.76	7.6	39.1	—	—	—
Precision assemblers, metal	20.30	4.2	41.2	20.50	3.7	41.2	—	—	—
Machinists	16.72	2.6	40.0	16.72	2.6	40.0	—	—	—
Electrical and electronic equipment assemblers	18.70	7.6	40.0	18.70	7.6	40.0	—	—	—
Butchers and meat cutters	16.26	9.5	40.0	16.26	9.5	40.0	—	—	—
Inspectors, testers, and graders	14.59	9.2	39.2	—	—	—	—	—	—
Water and sewer treatment plant operators	16.05	13.9	39.8	16.38	14.7	39.8	—	—	—
Machine operators, assemblers, and inspectors	19.30	5.2	40.0	19.30	5.2	40.0	—	—	—
Lathe and turning machine operators	12.58	5.5	38.5	13.07	5.4	38.7	9.78	13.6	37.5
Punching and stamping press operators	17.86	2.9	40.0	17.86	2.9	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	11.58	6.2	40.0	11.74	6.8	40.0	—	—	—
Fabricating machine operators, n.e.c.	13.51	16.4	39.9	13.53	17.8	40.0	—	—	—
Molding and casting machine operators	12.82	2.9	40.0	12.82	2.9	40.0	—	—	—
Printing press operators	11.94	14.1	40.0	11.94	14.2	40.0	—	—	—
Winding and twisting machine operators	18.07	7.6	39.6	18.07	7.6	39.6	—	—	—
	11.26	.0	39.8	11.26	.0	39.8	—	—	—

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 **June 2002—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									
Knitting, looping, taping, and weaving machine operators	\$11.49	2.0	39.1	\$11.31	1.0	38.9	—	—	—
Laundry and dry cleaning machine operators	9.69	15.7	40.0	9.69	15.7	40.0	—	—	—
Packaging and filling machine operators	12.66	2.1	39.9	—	—	—	—	—	—
Extruding and forming machine operators	11.21	18.7	39.2	11.20	18.8	39.2	—	—	—
Mixing and blending machine operators	12.66	9.9	39.7	12.66	9.9	39.7	—	—	—
Painting and paint spraying machine operators	13.42	18.2	40.0	—	—	—	—	—	—
Furnace, kiln, and oven operators, except food	15.95	7.0	31.9	—	—	—	—	—	—
Miscellaneous machine operators, n.e.c.	11.18	10.3	38.2	12.82	8.6	39.3	\$8.94	4.8	36.7
Welders and cutters	18.05	4.0	40.0	18.05	4.0	40.0	—	—	—
Solders and braziers	10.74	14.0	40.0	10.74	14.0	40.0	—	—	—
Assemblers	11.02	6.2	35.2	11.20	6.6	34.7	9.51	.4	40.0
Miscellaneous hand working, n.e.c.	9.74	7.0	40.0	9.74	7.0	40.0	—	—	—
Production inspectors, checkers and examiners	15.82	12.2	39.5	16.06	12.7	39.8	—	—	—
Transportation and material moving									
Truck drivers	12.94	8.2	37.7	12.96	8.6	37.6	12.54	4.1	39.1
Driver-sales workers	11.99	11.2	39.0	11.94	11.6	38.9	—	—	—
Bus drivers	8.78	31.7	27.6	8.78	31.7	27.6	—	—	—
Motor transportation, n.e.c.	15.72	5.2	31.9	15.83	5.1	32.1	—	—	—
Operating engineers	10.20	4.8	40.0	10.20	4.8	40.0	—	—	—
Excavating and loading machine operators	22.70	.1	40.0	22.70	.1	40.0	—	—	—
Industrial truck and tractor equipment operators	20.32	3.4	40.0	20.32	3.4	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.00	3.9	39.4	14.68	4.1	39.2	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Groundskeepers and gardeners, except farm	11.77	2.4	34.2	12.32	3.3	33.4	9.60	8.6	38.0
Construction laborers	—	—	—	12.77	5.5	33.7	—	—	—
Production helpers	19.06	6.1	40.0	19.06	6.1	40.0	—	—	—
Stock handlers and baggers	8.85	22.2	35.1	—	—	—	—	—	—
Machine feeders and offbearers	10.04	4.4	28.0	10.28	3.5	27.8	—	—	—
Freight, stock, and material handlers, n.e.c.	10.38	14.1	38.1	12.43	7.2	36.5	—	—	—
Hand packers and packagers	13.40	8.4	36.4	13.40	8.4	36.4	—	—	—
Laborers, except construction, n.e.c.	9.14	5.5	31.1	9.33	4.2	31.5	—	—	—
Service									
Protective service	11.60	12.2	37.0	11.64	12.6	37.3	—	—	—
Supervisors, firefighters and fire prevention	11.19	2.6	29.2	11.33	2.2	29.5	9.75	11.5	27.0
Supervisors, police and detectives	17.80	6.4	34.5	17.77	6.5	34.5	—	—	—
Firefighting	24.59	1.4	41.9	24.93	.6	41.9	—	—	—
Police and detectives, public service	29.04	11.2	39.7	28.96	12.0	39.7	—	—	—
Crossing guards	21.04	.5	41.6	21.04	.5	41.6	—	—	—
Guards and police, except public service	20.42	3.5	38.5	20.69	3.3	39.1	—	—	—
Protective service, n.e.c.	9.89	4.7	17.9	9.89	4.7	17.9	—	—	—
Food service	10.60	5.5	29.7	10.60	5.5	29.7	—	—	—
Waiters, waitresses, and bartenders	9.60	16.6	19.2	9.60	16.6	19.2	—	—	—
Bartenders	7.66	8.2	24.1	7.51	7.6	24.0	8.57	27.6	24.1
Waiters and waitresses	4.19	11.9	22.4	4.23	8.6	23.2	—	—	—
Waiters'/Waitresses' assistants	5.78	7.2	25.9	5.71	6.9	27.2	—	—	—
Other food service	3.67	18.1	22.0	3.65	13.7	22.4	—	—	—
Supervisors, food preparation and service	5.26	16.5	18.2	5.51	15.2	19.8	—	—	—
Cooks	9.75	4.4	25.1	9.44	3.5	24.6	11.66	19.7	29.3
Kitchen workers, food preparation	14.30	15.4	35.7	13.87	8.5	33.2	—	—	—
Food preparation, n.e.c.	11.35	6.8	31.6	11.64	5.3	34.8	9.93	.0	21.7
Health service	9.03	9.5	25.0	8.96	12.4	23.0	—	—	—
Health aides, except nursing	7.99	2.5	20.6	7.99	2.5	20.7	—	—	—
Nursing aides, orderlies and attendants	11.51	6.2	33.3	11.51	6.5	33.5	11.30	3.9	27.0
Cleaning and building service	13.75	12.7	28.8	13.75	13.2	28.8	13.87	8.5	28.6
	11.02	4.3	34.2	11.03	4.6	34.4	10.73	5.9	26.7
	11.21	3.6	32.4	11.45	3.5	32.1	—	—	—

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 June 2002—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									
Cleaning and building service —Continued									
Supervisors, cleaning and building service workers	\$20.75	26.0	39.4	\$20.76	26.5	39.4	—	—	—
Maids and housemen	8.39	5.1	32.9	8.31	6.3	32.4	—	—	—
Janitors and cleaners	12.20	6.2	32.0	12.37	6.6	31.7	\$9.79	3.6	37.8
Personal service	11.57	6.9	28.4	11.50	7.6	28.4	12.16	17.7	28.1
Supervisors, personal service	14.90	5.3	39.5	15.67	6.3	39.2	—	—	—
Public transportation attendants	27.26	21.7	17.9	27.26	21.7	17.9	—	—	—
Welfare service aides	10.20	13.8	28.6	10.36	15.2	31.7	—	—	—
Early childhood teachers' assistants	8.32	2.1	34.2	—	—	—	—	—	—
Child care workers, n.e.c.	10.62	13.1	19.1	10.56	13.6	18.7	—	—	—
Service, n.e.c.	11.68	12.2	28.1	12.12	11.3	27.4	—	—	—

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was June 2002.

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

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 July 2002

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	\$19.79	1.8	34.8	\$19.97	1.8	34.8	\$15.83	3.8	34.9
All, excluding sales	20.11	1.7	35.3	20.30	1.8	35.3	15.99	4.1	35.0
White collar	24.42	1.4	34.8	24.59	1.5	34.8	19.91	2.5	34.9
White collar, excluding sales	25.83	1.4	35.7	26.04	1.4	35.7	20.61	2.3	35.3
Professional specialty and technical	30.41	4.1	34.7	30.67	4.3	34.8	25.26	6.7	33.6
Professional specialty	33.15	4.5	35.1	33.37	4.6	35.1	28.81	11.4	34.2
Engineers, architects, and surveyors	33.44	2.8	39.6	33.47	2.8	39.6	-	-	-
Architects	33.82	9.3	39.8	33.82	9.3	39.8	-	-	-
Metallurgical and materials engineers	25.62	8.1	40.8	25.62	8.1	40.8	-	-	-
Chemical engineers	40.39	4.3	40.0	40.39	4.3	40.0	-	-	-
Civil engineers	28.00	1.3	40.1	28.00	1.3	40.1	-	-	-
Electrical and electronic engineers	33.68	7.3	39.9	33.75	7.3	39.9	-	-	-
Industrial engineers	30.30	4.2	38.6	30.30	4.2	38.6	-	-	-
Mechanical engineers	29.64	5.7	37.5	29.67	5.8	37.5	-	-	-
Engineers, n.e.c.	36.27	2.3	39.6	36.27	2.3	39.6	-	-	-
Mathematical and computer scientists	38.84	7.5	38.9	38.99	7.3	38.9	-	-	-
Computer systems analysts and scientists	38.70	7.3	38.9	38.87	7.2	38.9	-	-	-
Natural scientists	32.82	4.8	38.6	32.82	4.8	38.6	-	-	-
Chemists, except biochemists	41.07	4.9	39.1	41.07	4.9	39.1	-	-	-
Physical scientists, n.e.c.	28.65	7.3	39.1	28.65	7.3	39.1	-	-	-
Biological and life scientists	31.18	11.5	37.6	31.18	11.5	37.6	-	-	-
Medical scientists	31.75	11.1	37.4	31.75	11.1	37.4	-	-	-
Health related	30.80	8.7	34.8	30.87	9.3	34.9	30.06	20.9	33.3
Physicians	55.23	19.6	38.3	52.65	22.3	38.4	-	-	-
Registered nurses	26.24	3.2	33.7	26.87	3.5	33.9	20.68	1.9	32.5
Pharmacists	35.85	3.7	34.4	35.85	3.7	34.4	-	-	-
Dietitians	18.90	7.3	35.4	18.90	7.3	35.4	-	-	-
Respiratory therapists	22.50	2.2	34.4	-	-	-	-	-	-
Occupational therapists	29.67	7.2	27.9	29.67	7.2	27.9	-	-	-
Physical therapists	28.39	5.6	33.9	27.92	6.2	33.8	-	-	-
Speech therapists	29.41	8.5	30.7	29.41	8.5	30.7	-	-	-
Therapists, n.e.c.	17.80	24.9	39.6	17.87	25.9	39.6	-	-	-
Teachers, college and university	48.68	7.6	34.3	49.45	8.1	34.1	38.87	2.6	37.7
Biological science teachers	40.24	12.7	39.2	41.74	16.9	39.7	-	-	-
Chemistry teachers	57.17	20.5	38.1	57.17	20.5	38.1	-	-	-
Psychology teachers	50.52	11.1	35.3	50.52	11.1	35.3	-	-	-
History teachers	30.83	23.8	40.3	30.83	23.8	40.3	-	-	-
Sociology teachers	36.08	23.0	39.7	-	-	-	-	-	-
Mathematical science teachers	46.71	12.0	31.7	48.61	11.2	32.8	-	-	-
Computer science teachers	35.23	11.5	27.9	35.23	11.5	27.9	-	-	-
Medical science teachers	60.84	20.7	17.4	60.84	20.7	17.4	-	-	-
Health specialties teachers	50.01	5.4	35.8	50.01	5.4	35.8	-	-	-
Business, commerce, and marketing teachers	53.84	31.1	32.8	54.79	31.2	32.9	-	-	-
Art, drama, and music teachers	39.61	11.2	34.8	37.85	16.4	33.4	-	-	-
English teachers	45.80	12.0	35.5	50.78	10.3	34.7	-	-	-
Theology teachers	78.69	12.7	37.3	78.69	12.7	37.3	-	-	-
Other post-secondary teachers	-	-	-	-	-	-	-	-	-
Teachers, except college and university	34.28	1.9	32.7	34.48	2.0	32.6	30.78	3.1	33.6
Prekindergarten and kindergarten	23.44	13.1	33.4	23.44	13.1	33.4	-	-	-
Elementary school teachers	35.52	5.1	34.4	35.56	5.3	34.3	-	-	-
Secondary school teachers	38.49	3.9	34.6	38.72	4.0	34.5	-	-	-
Teachers, special education	39.42	6.0	33.2	39.52	6.2	33.2	-	-	-
Teachers, n.e.c.	31.34	6.5	30.0	31.46	6.9	29.6	-	-	-
Substitute teachers	11.82	5.9	21.3	12.02	6.7	23.1	-	-	-
Vocational and educational counselors	28.22	12.2	34.0	28.79	14.7	33.4	26.15	10.0	36.8
Librarians, archivists, and curators	28.12	7.6	35.8	28.12	7.6	35.8	-	-	-
Librarians	29.64	9.4	35.2	29.64	9.4	35.2	-	-	-
Archivists and curators	22.44	10.8	38.3	22.44	10.8	38.3	-	-	-
Social scientists and urban planners	29.70	10.1	34.8	29.58	10.2	34.7	-	-	-
Economists	26.74	4.1	38.8	26.74	4.1	38.8	-	-	-
Psychologists	31.37	10.6	32.8	31.37	10.6	32.8	-	-	-
Social, recreation, and religious workers	20.16	4.8	34.6	20.37	5.4	34.4	18.49	8.7	35.7
Social workers	20.64	5.1	34.5	20.77	5.8	34.2	19.55	4.9	36.6

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 July 2002—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									
Recreation workers	\$16.05	11.9	33.1	\$17.76	5.6	34.2	—	—	—
Lawyers and judges	49.81	8.8	37.6	49.81	8.8	37.6	—	—	—
Lawyers	49.80	8.8	37.8	49.80	8.8	37.8	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.									
Technical writers	26.35	6.1	32.1	26.39	6.1	32.1	—	—	—
Designers	29.41	8.5	39.2	29.41	8.5	39.2	—	—	—
Musicians and composers	23.81	8.3	38.4	23.81	8.3	38.4	—	—	—
Actors and directors	47.05	43.5	8.2	47.05	43.5	8.2	—	—	—
Painters, sculptors, craft artists, and artist printmakers	25.09	9.2	38.6	25.09	9.2	38.6	—	—	—
Editors and reporters	20.29	8.4	38.7	20.29	8.4	38.7	—	—	—
Public relations specialists	31.59	20.2	37.2	31.68	20.2	37.2	—	—	—
Athletes	32.29	12.5	37.8	32.29	12.5	37.8	—	—	—
Professional, n.e.c.	16.39	20.9	23.8	16.44	20.8	23.7	—	—	—
Technical	34.60	12.7	39.3	34.60	12.7	39.3	—	—	—
Clinical laboratory technologists and technicians	21.61	3.8	33.7	21.99	3.6	33.8	\$14.46	3.8	31.9
Dental hygienists	18.29	5.7	34.6	18.35	5.8	34.6	—	—	—
Health record technologists and technicians	24.55	6.8	29.7	—	—	—	—	—	—
Radiological technicians	13.89	13.8	30.4	13.89	13.8	30.4	—	—	—
Licensed practical nurses	23.77	3.9	35.5	23.93	3.5	35.5	—	—	—
Health technologists and technicians, n.e.c.	16.70	2.3	32.2	17.21	2.5	31.6	14.55	5.5	35.1
Electrical and electronic technicians	14.14	9.2	26.8	14.31	9.2	26.9	—	—	—
Mechanical engineering technicians	19.47	8.3	40.0	19.47	8.3	40.0	—	—	—
Engineering technicians, n.e.c.	25.36	5.1	40.1	25.36	5.1	40.1	—	—	—
Drafters	21.94	5.8	39.7	21.94	5.8	39.7	—	—	—
Biological technicians	22.20	7.8	40.1	22.20	7.8	40.1	—	—	—
Chemical technicians	20.48	10.2	38.8	20.48	10.2	38.8	—	—	—
Airplane pilots and navigators	23.49	14.7	39.7	23.49	14.7	39.7	—	—	—
Broadcast equipment operators	127.65	8.6	18.5	128.26	8.8	18.5	—	—	—
Computer programmers	—	—	—	—	—	—	—	—	—
Technical and related, n.e.c.	28.41	5.2	38.1	29.96	2.0	37.9	—	—	—
Executive, administrative, and managerial	24.70	7.3	38.2	24.70	7.3	38.2	—	—	—
Executives, administrators, and managers	36.06	9.5	38.8	36.33	9.7	38.8	—	—	—
Administrators and officials, public administration ...	41.56	10.2	39.4	42.16	10.5	39.4	24.81	5.0	39.1
Financial managers	33.77	10.3	36.8	36.41	9.5	36.8	25.59	9.2	36.8
Personnel and labor relations managers	39.85	5.2	38.4	39.93	5.2	38.4	—	—	—
Purchasing managers	34.86	4.0	39.2	35.39	3.0	39.1	—	—	—
Managers, marketing, advertising, and public relations	33.77	9.7	39.9	33.77	9.7	39.9	—	—	—
Administrators, education and related fields	42.29	3.0	39.0	42.37	3.0	39.1	—	—	—
Managers, medicine and health	42.76	8.5	37.5	43.52	8.5	37.5	31.55	4.6	38.8
Managers, food servicing and lodging establishments	40.11	8.8	38.2	40.15	8.8	38.2	—	—	—
Managers, properties and real estate	22.81	11.6	41.3	26.19	9.2	41.7	—	—	—
Managers, service organizations, n.e.c.	23.74	34.0	37.6	23.74	34.0	37.6	—	—	—
Managers and administrators, n.e.c.	28.62	8.7	40.8	29.16	8.5	40.9	—	—	—
Management related	47.70	18.1	40.1	48.10	18.3	40.1	29.55	3.9	39.4
Accountants and auditors	28.28	7.1	38.0	28.33	7.1	38.0	19.42	7.5	38.0
Underwriters	25.75	4.3	37.8	25.81	4.3	37.8	—	—	—
Other financial officers	37.59	8.4	36.4	37.59	8.4	36.4	—	—	—
Management analysts	45.64	19.9	37.3	45.69	19.9	37.3	—	—	—
Personnel, training, and labor relations specialists ..	30.91	11.2	38.4	30.91	11.2	38.4	—	—	—
Buyers, wholesale and retail trade, except farm products	21.44	5.1	38.1	21.44	5.1	38.1	—	—	—
Purchasing agents and buyers, n.e.c.	22.41	11.0	38.0	22.41	11.0	38.0	—	—	—
Construction inspectors	25.65	4.3	38.9	25.65	4.3	38.9	—	—	—
	24.31	8.6	37.2	24.31	8.6	37.2	—	—	—

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 July 2002—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	\$21.36	2.6	37.8	\$21.36	2.6	37.8	—	—	—
Management related, n.e.c.	27.49	4.1	38.3	27.55	4.1	38.3	—	—	—
Sales	16.00	4.3	30.4	16.08	4.3	30.3	\$11.77	2.4	31.8
Supervisors, sales	19.36	6.8	39.1	19.58	7.1	38.9	—	—	—
Insurance sales	30.99	10.2	43.0	30.99	10.2	43.0	—	—	—
Securities and financial services sales	42.28	9.5	37.9	43.04	9.1	38.0	—	—	—
Advertising and related sales	22.62	11.6	39.4	22.62	11.6	39.4	—	—	—
Sales, other business services	21.88	7.0	33.6	21.88	7.0	33.6	—	—	—
Sales representatives, mining, manufacturing, and wholesale	30.57	7.7	39.4	31.40	8.5	39.2	—	—	—
Sales workers, motor vehicles and boats	20.97	10.7	43.0	20.97	10.7	43.0	—	—	—
Sales workers, apparel	8.89	7.7	21.1	8.89	7.7	21.1	—	—	—
Sales workers, shoes	8.43	6.5	28.7	8.43	6.5	28.7	—	—	—
Sales workers, furniture and home furnishings	22.06	34.7	39.5	22.06	34.7	39.5	—	—	—
Sales workers, hardware and building supplies	15.82	6.9	33.8	15.82	6.9	33.8	—	—	—
Sales workers, parts	14.88	6.8	37.3	14.88	6.8	37.3	—	—	—
Sales workers, other commodities	10.43	9.4	26.9	10.45	9.6	26.8	—	—	—
Sales counter clerks	7.43	20.0	23.8	7.43	20.4	23.8	—	—	—
Cashiers	8.25	4.2	27.1	8.25	4.3	27.1	8.17	7.9	25.7
Demonstrators, promoters, and models, sales	11.94	9.3	27.0	11.34	9.2	26.2	—	—	—
Sales support, n.e.c.	17.75	16.6	34.5	17.75	16.6	34.5	—	—	—
Administrative support, including clerical	14.77	.9	35.1	14.86	.9	35.1	12.42	1.5	36.6
Supervisors, general office	18.37	5.1	34.7	18.44	5.2	34.7	—	—	—
Supervisors, financial records processing	21.89	2.8	38.0	22.17	3.0	38.2	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	25.36	8.9	39.0	25.43	8.8	39.0	—	—	—
Computer operators	17.28	2.2	36.4	17.28	2.2	36.4	—	—	—
Secretaries	15.84	3.1	36.3	16.07	3.1	36.2	12.55	3.5	38.2
Stenographers	20.06	12.6	36.0	20.12	12.7	36.0	—	—	—
Typists	14.22	2.7	33.4	14.31	3.0	33.3	12.97	1.1	35.2
Interviewers	13.96	7.4	27.9	14.56	7.1	28.1	—	—	—
Hotel clerks	9.69	2.5	39.1	9.69	2.5	39.1	—	—	—
Transportation ticket and reservation agents	18.44	4.4	33.9	18.44	4.4	33.9	—	—	—
Receptionists	11.92	4.7	32.5	11.98	4.8	32.5	—	—	—
Information clerks, n.e.c.	14.52	5.2	38.0	14.80	5.2	37.8	—	—	—
Order clerks	14.93	3.1	38.1	15.07	3.3	38.1	—	—	—
Personnel clerks, except payroll and timekeeping ...	16.97	3.9	38.7	17.35	2.6	38.6	—	—	—
Library clerks	11.70	8.0	25.4	11.70	8.0	25.4	—	—	—
File clerks	11.05	3.9	28.6	11.28	3.6	28.4	—	—	—
Records clerks, n.e.c.	14.65	3.2	38.3	14.59	3.3	38.3	—	—	—
Bookkeepers, accounting and auditing clerks	14.90	2.9	36.4	15.03	2.9	36.2	12.38	5.8	39.5
Payroll and timekeeping clerks	15.69	5.1	33.4	16.31	4.6	32.9	—	—	—
Billing clerks	12.66	3.5	34.2	12.71	3.7	34.0	—	—	—
Billing, posting, and calculating machine operators	12.99	9.9	35.5	12.99	9.9	35.5	—	—	—
Duplicating machine operators	10.63	9.8	37.5	11.35	8.6	36.9	—	—	—
Telephone operators	14.93	4.8	37.3	14.94	4.8	37.3	—	—	—
Mail clerks, except postal service	11.59	9.6	35.9	11.58	9.6	35.9	—	—	—
Messengers	12.29	19.1	37.1	12.34	19.3	37.1	—	—	—
Dispatchers	17.53	11.2	38.8	17.72	11.2	38.8	—	—	—
Production coordinators	15.93	12.1	37.3	15.94	12.3	37.2	—	—	—
Traffic, shipping and receiving clerks	13.51	5.7	39.3	13.50	5.8	39.3	—	—	—
Stock and inventory clerks	13.63	4.3	34.5	13.61	4.5	34.2	14.08	9.9	40.0
Weighers, measurers, checkers, and samplers	18.83	23.7	38.6	18.83	23.7	38.6	—	—	—
Expeditors	15.32	2.5	38.2	15.32	2.5	38.2	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	15.05	10.3	36.8	15.07	10.3	36.7	—	—	—
Insurance adjusters, examiners, and investigators ..	20.77	13.0	38.5	20.77	13.0	38.5	—	—	—

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 July 2002—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									
Investigators and adjusters, except insurance	\$15.51	3.8	37.5	\$15.53	3.9	37.5	—	—	—
Eligibility clerks, social welfare	16.38	5.6	36.2	16.59	5.9	36.4	—	—	—
Bill and account collectors	14.55	10.5	39.5	14.55	10.5	39.5	—	—	—
General office clerks	14.21	.7	34.2	14.20	.8	34.3	\$14.39	11.7	33.4
Bank tellers	10.03	4.5	34.7	10.02	4.6	34.7	—	—	—
Proofreaders	13.98	5.4	35.1	13.98	5.4	35.1	—	—	—
Data entry keyers	13.33	3.5	36.1	13.48	3.7	35.7	11.90	4.6	39.9
Statistical clerks	15.81	5.7	37.8	15.81	5.7	37.8	—	—	—
Teachers' aides	12.79	3.3	28.9	12.84	3.4	28.9	—	—	—
Administrative support, n.e.c.	14.82	4.6	30.9	14.88	4.7	31.1	—	—	—
Blue collar	15.71	2.4	38.2	15.85	2.5	38.2	12.86	3.4	38.4
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.42	7.5	40.7	23.14	7.6	40.7	—	—	—
Automobile mechanics	17.07	14.9	39.4	17.07	14.9	39.4	—	—	—
Bus, truck, and stationary engine mechanics	16.07	4.7	40.0	16.07	4.7	40.0	—	—	—
Automobile body and related repairers	15.21	8.4	38.1	15.21	8.4	38.1	—	—	—
Heavy equipment mechanics	19.29	8.4	40.0	19.29	8.4	40.0	—	—	—
Industrial machinery repairers	17.90	5.0	39.9	18.28	4.7	39.9	—	—	—
Machinery maintenance	16.34	7.5	40.0	16.65	9.0	40.0	14.72	3.0	40.0
Electronic repairers, communications and industrial equipment	22.13	7.7	39.5	22.13	7.7	39.5	—	—	—
Telephone line installers and repairers	24.53	5.8	40.0	24.53	5.8	40.0	—	—	—
Telephone installers and repairers	24.18	6.2	40.0	24.21	6.8	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.24	4.8	39.9	18.24	4.8	39.9	—	—	—
Mechanical controls and valve repairers	22.49	15.8	40.0	22.49	15.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	19.43	4.0	39.2	19.69	4.1	39.2	16.04	5.0	40.0
Supervisors, electricians and power transmission installers	32.06	18.2	39.1	32.04	18.6	39.1	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	23.29	14.3	40.0	23.29	14.3	40.0	—	—	—
Supervisors, construction trades, n.e.c.	23.74	4.4	39.0	23.83	4.6	39.0	—	—	—
Carpenters	18.92	7.3	39.8	18.93	7.3	39.8	—	—	—
Electricians	28.41	6.4	38.3	28.41	6.4	38.3	—	—	—
Electrician apprentices	19.10	18.5	39.9	19.10	18.5	39.9	—	—	—
Electrical power installers and repairers	28.92	8.4	40.0	28.89	8.6	40.0	—	—	—
Plumbers, pipefitters and steamfitters	25.06	7.6	38.8	25.15	7.6	38.8	—	—	—
Structural metal workers	23.48	9.5	40.0	—	—	—	—	—	—
Construction trades, n.e.c.	18.72	9.2	39.7	18.98	9.8	39.7	—	—	—
Supervisors, production	21.68	6.0	40.2	21.94	6.2	40.2	16.64	8.5	41.5
Tool and die makers	21.27	2.6	40.0	21.27	2.6	40.0	—	—	—
Machinists	16.90	3.9	39.2	16.90	3.9	39.2	—	—	—
Sheet metal workers	23.55	7.5	40.0	23.55	7.5	40.0	—	—	—
Electrical and electronic equipment assemblers	13.36	3.0	40.0	13.54	2.7	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	18.75	2.3	40.0	18.75	2.3	40.0	—	—	—
Butchers and meat cutters	15.90	7.5	40.0	16.02	9.7	40.0	—	—	—
Food batchmakers	13.56	7.5	38.1	12.38	7.8	37.3	—	—	—
Inspectors, testers, and graders	19.14	6.0	39.8	19.15	6.0	39.8	—	—	—
Water and sewer treatment plant operators	18.06	5.6	40.0	18.06	5.6	40.0	—	—	—
Power plant operators	27.81	19.9	40.0	27.81	19.9	40.0	—	—	—
Stationary engineers	22.15	6.0	39.7	22.55	6.8	39.6	—	—	—
Miscellaneous plant and system operators, n.e.c.	17.34	5.9	40.0	16.84	9.5	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine operators	14.84	9.0	40.0	14.61	9.0	40.0	—	—	—
Punching and stamping press operators	13.37	15.8	39.7	13.34	16.0	39.7	—	—	—
Drilling and boring machine operators	13.90	9.0	40.0	13.81	10.8	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.51	5.9	39.9	13.59	6.9	39.9	—	—	—
Numerical control machine operators	13.58	9.1	40.0	13.58	9.1	40.0	—	—	—

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 July 2002—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									
Fabricating machine operators, n.e.c.	\$15.83	19.2	40.0	\$16.09	20.1	40.0	—	—	—
Molding and casting machine operators	14.86	5.2	39.9	14.84	5.3	39.9	—	—	—
Metal plating machine operators	14.74	11.7	40.0	14.74	11.7	40.0	—	—	—
Sawing machine operators	14.50	23.8	40.0	14.50	23.8	40.0	—	—	—
Printing press operators	18.92	9.6	38.8	18.92	9.6	38.8	—	—	—
Typesetters and compositors	19.88	14.0	35.8	—	—	—	—	—	—
Winding and twisting machine operators	10.03	1.8	37.1	10.03	1.8	37.1	—	—	—
Textile sewing machine operators	7.93	8.3	37.4	7.93	8.3	37.4	—	—	—
Laundry and dry cleaning machine operators	10.13	4.1	32.7	10.08	3.7	33.8	—	—	—
Packaging and filling machine operators	11.89	7.3	40.0	11.92	7.7	40.0	—	—	—
Extruding and forming machine operators	11.91	9.9	39.9	11.85	9.9	39.9	—	—	—
Mixing and blending machine operators	15.67	13.1	40.0	15.59	14.0	40.0	—	—	—
Separating, filtering, and clarifying machine operators	19.34	8.1	40.0	19.34	8.1	40.0	—	—	—
Painting and paint spraying machine operators	14.52	4.8	40.0	14.59	5.0	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.25	3.6	40.0	14.94	3.1	40.0	\$17.08	0.0	40.0
Crushing and grinding machine operators	16.29	6.3	40.0	15.64	4.4	40.0	—	—	—
Slicing and cutting machine operators	13.41	3.0	39.8	13.46	3.2	39.8	—	—	—
Miscellaneous machine operators, n.e.c.	13.77	1.9	39.9	13.88	1.5	39.9	—	—	—
Welders and cutters	16.37	3.3	40.0	16.64	3.5	40.0	—	—	—
Solders and braziers	10.97	4.0	40.0	10.97	4.0	40.0	—	—	—
Assemblers	11.56	6.8	39.0	11.83	6.6	38.9	8.70	8.4	40.0
Miscellaneous hand working, n.e.c.	14.73	28.7	40.0	15.05	29.9	40.0	—	—	—
Production inspectors, checkers and examiners	14.50	5.7	40.0	14.86	5.8	39.8	—	—	—
Production testers	14.00	11.1	39.9	14.00	11.1	39.9	—	—	—
Transportation and material moving	15.39	2.2	36.5	15.39	2.2	36.6	15.54	6.2	32.6
Truck drivers	15.29	3.8	37.9	15.35	3.9	37.6	14.13	7.5	44.5
Driver-sales workers	18.73	5.6	41.3	18.73	5.6	41.3	—	—	—
Bus drivers	16.45	8.1	30.1	16.33	8.4	31.3	—	—	—
Taxicab drivers and chauffeurs	9.33	17.6	37.9	9.33	17.6	37.9	—	—	—
Parking lot attendants	7.73	3.8	27.4	7.73	3.8	27.4	—	—	—
Motor transportation, n.e.c.	8.82	29.2	31.1	8.77	29.4	31.1	—	—	—
Operating engineers	23.17	2.5	40.0	23.17	2.5	40.0	—	—	—
Crane and tower operators	18.00	4.5	40.0	18.00	4.5	40.0	—	—	—
Excavating and loading machine operators	16.56	6.2	40.0	16.63	6.2	40.0	—	—	—
Grader, dozer, and scrapper operators	16.20	10.7	40.0	16.20	10.7	40.0	—	—	—
Industrial truck and tractor equipment operators	15.85	6.5	39.8	15.88	6.6	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.29	6.2	38.7	17.50	6.5	38.7	—	—	—
Handlers, equipment cleaners, helpers, and laborers	12.41	6.0	36.9	12.50	6.3	36.8	10.83	5.5	38.1
Groundskeepers and gardeners, except farm	12.15	7.2	36.9	12.07	7.3	36.7	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	22.20	19.4	37.7	22.20	19.4	37.7	—	—	—
Helpers, mechanics and repairers	12.58	7.1	37.9	12.48	7.5	37.8	—	—	—
Helpers, construction trades	13.41	4.5	39.7	13.41	4.5	39.7	—	—	—
Construction laborers	13.26	15.7	39.7	13.34	16.3	39.9	—	—	—
Production helpers	8.93	10.2	39.8	8.80	10.5	39.8	—	—	—
Garbage collectors	15.50	9.2	41.7	15.50	9.2	41.7	—	—	—
Stock handlers and baggers	9.68	2.2	31.0	9.62	2.1	30.8	10.34	16.5	34.0
Machine feeders and offbearers	12.05	6.4	39.9	12.05	6.4	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	15.20	11.3	36.2	15.42	11.1	36.1	—	—	—
Vehicle washers and equipment cleaners	10.64	8.0	39.0	10.67	7.9	39.0	—	—	—
Hand packers and packagers	9.90	16.0	38.8	9.92	16.3	38.8	—	—	—
Laborers, except construction, n.e.c.	12.63	7.4	36.8	13.02	8.8	36.3	—	—	—
Service	12.38	1.6	31.0	12.42	1.6	31.0	—	—	—
Protective service	19.57	6.7	35.7	19.49	7.2	35.6	20.74	4.1	36.5

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 July 2002–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									
Protective service –Continued									
Supervisors, firefighters and fire prevention	\$30.24	7.3	44.4	\$30.24	7.3	44.4	–	–	–
Supervisors, police and detectives	32.96	3.5	40.0	32.96	3.5	40.0	–	–	–
Supervisors, guards	23.45	8.0	38.5	23.45	8.0	38.5	–	–	–
Firefighting	23.19	3.0	43.3	23.19	3.0	43.3	–	–	–
Police and detectives, public service	25.35	.9	39.6	25.34	.9	39.6	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	21.46	4.1	31.2	22.43	2.9	31.3	–	–	–
Correctional institution officers	21.67	2.8	39.9	21.60	3.8	39.8	–	–	–
Crossing guards	10.80	9.9	21.1	10.80	9.9	21.1	–	–	–
Guards and police, except public service	10.84	10.8	32.6	10.88	10.9	32.9	–	–	–
Protective service, n.e.c.	11.58	17.9	24.2	11.05	17.4	23.7	–	–	–
Food service	7.92	2.3	27.3	7.97	2.0	27.5	\$7.17	10.2	24.4
Waiters, waitresses, and bartenders	5.30	7.8	25.8	5.32	8.1	26.0	5.04	18.1	24.2
Bartenders	7.30	8.1	28.7	7.43	8.4	31.1	–	–	–
Waiters and waitresses	4.51	10.4	25.0	4.54	10.9	24.9	–	–	–
Waiters/Waitresses' assistants	6.08	3.4	26.1	5.96	3.2	25.5	–	–	–
Other food service	8.99	3.1	27.9	9.04	3.3	28.2	8.22	5.0	24.5
Supervisors, food preparation and service	13.54	8.3	35.9	13.72	8.4	36.3	–	–	–
Cooks	9.89	4.2	33.5	10.01	3.7	34.5	8.39	12.5	24.8
Kitchen workers, food preparation	9.00	6.3	27.8	8.96	7.2	27.6	9.33	4.0	28.7
Food preparation, n.e.c.	8.20	3.0	25.1	8.23	3.1	25.3	6.90	1.4	20.2
Health service	10.96	4.0	33.9	10.98	4.3	33.9	10.64	7.6	33.4
Dental assistants	13.15	6.4	30.2	14.09	4.7	29.3	–	–	–
Health aides, except nursing	12.66	2.9	33.8	12.58	3.0	34.0	13.51	11.9	32.1
Nursing aides, orderlies and attendants	10.44	3.9	34.1	10.51	4.1	34.0	9.23	5.1	34.5
Cleaning and building service	12.26	1.4	33.6	12.36	1.4	33.5	9.96	3.0	37.0
Supervisors, cleaning and building service workers	17.25	3.7	37.7	17.25	3.7	37.7	–	–	–
Maids and housemen	11.12	2.1	35.8	11.21	2.2	35.9	–	–	–
Janitors and cleaners	12.11	2.2	32.5	12.21	2.2	32.3	10.09	4.5	37.8
Personal service	12.60	2.8	27.2	12.66	2.8	27.0	10.42	10.1	34.6
Supervisors, personal service	15.44	2.3	38.1	15.37	2.4	38.0	–	–	–
Hairdressers and cosmetologists	15.06	7.9	23.0	15.06	7.9	23.0	–	–	–
Attendants, amusement, and recreation facilities	8.42	1.2	21.6	8.42	1.2	21.6	–	–	–
Ushers	10.12	7.0	17.0	10.12	7.0	17.0	–	–	–
Public transportation attendants	29.25	2.6	20.0	29.25	2.6	20.0	–	–	–
Welfare service aides	11.65	7.4	37.3	11.76	7.7	37.2	–	–	–
Early childhood teachers' assistants	8.31	14.1	31.4	8.31	14.1	31.4	–	–	–
Child care workers, n.e.c.	10.67	5.6	28.7	10.71	6.1	28.1	–	–	–
Service, n.e.c.	11.74	1.2	31.1	11.74	1.2	31.1	–	–	–

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 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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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 July 2002

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	\$17.42	1.2	35.7	\$17.73	1.3	35.6	\$15.11	3.4	36.3
All, excluding sales	17.61	1.3	35.9	17.94	1.3	35.8	15.26	3.6	36.4
White collar	21.12	1.7	36.0	21.44	1.8	35.9	18.05	4.4	36.3
White collar, excluding sales	22.28	1.5	36.6	22.68	1.6	36.6	18.75	4.7	36.6
Professional specialty and technical	26.72	1.7	35.6	27.10	1.9	35.6	23.51	4.4	35.6
Professional specialty	28.97	2.3	35.5	29.31	2.6	35.5	26.14	4.2	35.4
Engineers, architects, and surveyors	31.15	4.5	40.7	31.27	4.7	40.7	27.52	4.2	40.2
Aerospace engineers	41.77	8.0	36.9	41.77	8.0	36.9	—	—	—
Metallurgical and materials engineers	33.81	10.3	40.0	33.81	10.3	40.0	—	—	—
Civil engineers	28.12	3.5	40.6	27.97	3.4	40.6	—	—	—
Electrical and electronic engineers	33.61	10.3	41.9	33.64	10.3	41.9	—	—	—
Industrial engineers	28.22	4.7	40.4	28.34	5.2	40.4	27.19	13.0	40.4
Mechanical engineers	28.51	6.7	40.8	28.65	7.1	40.9	26.34	6.9	40.0
Engineers, n.e.c.	34.78	3.4	40.0	34.78	3.4	40.0	—	—	—
Mathematical and computer scientists	29.55	3.4	39.9	29.61	3.4	39.9	—	—	—
Computer systems analysts and scientists	29.31	4.1	39.9	29.37	4.2	39.9	—	—	—
Operations and systems researchers and analysts	33.15	6.5	39.7	33.22	6.5	39.7	—	—	—
Natural scientists	29.76	10.5	40.4	30.85	11.5	40.4	—	—	—
Chemists, except biochemists	32.12	5.5	40.0	32.61	5.9	40.0	—	—	—
Physical scientists, n.e.c.	30.32	16.5	39.2	29.77	18.0	39.1	—	—	—
Biological and life scientists	39.10	27.5	39.0	43.53	27.8	38.8	—	—	—
Medical scientists	24.54	9.4	42.2	24.54	9.4	42.2	—	—	—
Health related	27.12	3.4	32.4	27.54	4.0	32.4	24.01	8.8	32.6
Physicians	50.44	11.6	38.6	49.82	12.2	38.9	—	—	—
Registered nurses	23.61	2.3	31.5	23.85	2.5	31.6	21.76	10.0	30.8
Pharmacists	36.73	3.9	34.0	38.26	2.6	32.9	—	—	—
Dietitians	20.53	3.0	31.2	20.53	3.0	31.2	—	—	—
Respiratory therapists	18.89	2.1	36.2	18.89	2.1	36.2	—	—	—
Occupational therapists	24.60	5.3	31.4	24.62	5.5	31.1	—	—	—
Physical therapists	27.92	3.0	33.3	27.99	3.0	33.1	—	—	—
Speech therapists	33.00	6.6	30.8	32.17	7.2	30.4	—	—	—
Therapists, n.e.c.	18.48	6.5	37.0	19.18	9.0	37.5	—	—	—
Physicians' assistants	27.65	3.5	37.0	—	—	—	—	—	—
Teachers, college and university	40.24	4.6	34.3	40.50	4.7	34.6	36.38	16.8	30.6
Biological science teachers	50.02	25.1	38.3	50.02	25.1	38.3	—	—	—
Chemistry teachers	34.32	10.7	33.9	34.32	10.7	33.9	—	—	—
Psychology teachers	33.72	16.5	33.7	37.75	17.4	31.8	—	—	—
Engineering teachers	59.25	20.0	35.6	59.25	20.0	35.6	—	—	—
Mathematical science teachers	44.37	3.4	37.1	44.46	3.4	37.0	—	—	—
Computer science teachers	44.23	17.7	31.0	44.23	17.7	31.0	—	—	—
Medical science teachers	51.61	20.8	50.3	51.61	20.8	50.3	—	—	—
Health specialties teachers	39.23	15.3	39.4	39.23	15.3	39.4	—	—	—
Business, commerce, and marketing teachers	39.56	10.4	28.9	39.56	10.4	28.9	—	—	—
Art, drama, and music teachers	28.99	9.7	34.9	28.75	10.4	34.3	—	—	—
Physical education teachers	27.14	12.0	37.0	28.61	16.0	35.8	—	—	—
Education teachers	40.14	8.1	36.3	40.26	8.0	36.3	—	—	—
English teachers	50.90	14.3	36.3	51.19	14.1	36.4	—	—	—
Theology teachers	30.10	13.4	39.4	—	—	—	—	—	—
Other post-secondary teachers	35.22	7.4	27.8	35.20	8.0	29.1	—	—	—
Teachers, except college and university	29.56	3.6	33.1	29.96	4.4	32.4	28.12	4.6	36.1
Prekindergarten and kindergarten	15.51	16.8	33.7	14.58	16.2	33.3	—	—	—
Elementary school teachers	32.16	3.2	35.0	33.65	3.0	34.3	26.94	6.3	37.9
Secondary school teachers	33.19	2.8	35.9	34.86	2.9	35.5	27.35	4.4	37.5
Teachers, special education	31.96	6.0	36.0	33.40	8.3	35.5	29.57	5.7	36.7
Teachers, n.e.c.	28.47	8.7	28.4	26.80	10.7	26.9	34.58	9.4	35.9
Substitute teachers	12.77	8.4	14.6	12.33	10.1	15.1	—	—	—
Vocational and educational counselors	22.89	8.3	36.6	22.32	9.6	36.5	25.16	10.3	37.0
Librarians, archivists, and curators	22.89	5.2	36.5	23.60	4.9	36.5	21.27	14.6	36.5
Librarians	24.01	5.6	36.7	24.27	5.0	36.9	—	—	—
Archivists and curators	16.60	11.5	35.4	16.27	16.0	32.2	—	—	—
Social scientists and urban planners	26.81	17.4	34.1	26.81	17.4	34.1	—	—	—
Psychologists	29.91	18.0	37.4	29.91	18.0	37.4	—	—	—
Urban planners	21.23	10.3	16.2	21.23	10.3	16.2	—	—	—

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 July 2002—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	\$17.79	4.3	36.6	\$17.79	4.8	36.3	\$17.82	4.0	39.2
Social workers	17.87	4.6	37.0	17.85	5.1	36.7	18.01	4.0	39.4
Recreation workers	16.61	9.6	30.6	16.36	13.1	27.2	—	—	—
Clergy	19.06	9.2	36.8	19.06	9.2	36.8	—	—	—
Lawyers and judges	50.45	12.8	38.8	51.31	13.3	39.2	—	—	—
Lawyers	50.58	13.0	38.8	51.46	13.5	39.2	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	24.63	12.1	35.8	24.73	12.1	35.9	—	—	—
Technical writers	22.76	10.9	39.0	22.76	10.9	39.0	—	—	—
Designers	25.15	12.9	39.7	25.15	12.9	39.7	—	—	—
Musicians and composers	45.04	30.6	14.0	46.92	30.4	13.6	—	—	—
Actors and directors	29.08	26.5	37.9	29.08	26.5	37.9	—	—	—
Painters, sculptors, craft artists, and artist printmakers	18.53	15.7	38.4	18.53	15.7	38.4	—	—	—
Photographers	21.12	9.5	36.9	21.12	9.5	36.9	—	—	—
Editors and reporters	21.77	10.1	39.2	21.77	10.1	39.2	—	—	—
Announcers	13.68	25.0	27.1	14.35	27.8	27.3	—	—	—
Athletes	42.31	12.0	35.5	43.27	10.3	35.5	—	—	—
Professional, n.e.c.	26.94	13.6	37.8	26.94	13.6	37.8	—	—	—
Technical	19.52	1.9	36.1	20.04	1.6	36.1	15.14	9.1	36.1
Clinical laboratory technologists and technicians	17.67	2.8	35.5	17.88	3.2	35.0	15.99	10.3	40.0
Dental hygienists	23.71	5.5	21.4	23.71	5.5	21.4	—	—	—
Health record technologists and technicians	15.07	3.5	32.7	15.07	3.5	32.7	—	—	—
Radiological technicians	22.92	6.2	32.9	21.54	3.9	32.3	—	—	—
Licensed practical nurses	15.68	1.2	35.4	16.32	1.7	34.8	14.38	4.3	36.8
Health technologists and technicians, n.e.c.	15.37	6.2	32.9	15.60	6.5	34.2	11.53	4.0	20.0
Electrical and electronic technicians	22.69	1.6	39.2	22.69	1.6	39.2	—	—	—
Industrial engineering technicians	21.83	9.0	40.7	21.99	10.9	40.9	—	—	—
Mechanical engineering technicians	21.59	6.7	40.4	21.59	6.7	40.4	—	—	—
Engineering technicians, n.e.c.	21.21	9.6	39.4	21.36	10.3	39.3	—	—	—
Drafters	18.54	5.3	40.0	18.42	5.2	40.0	—	—	—
Surveying and mapping technicians	17.47	8.2	39.6	17.23	9.8	39.6	—	—	—
Biological technicians	15.73	4.7	39.5	16.48	6.4	39.1	—	—	—
Chemical technicians	20.34	6.5	39.7	20.34	6.5	39.7	—	—	—
Science technicians, n.e.c.	19.96	4.7	39.9	20.69	2.8	39.9	—	—	—
Airplane pilots and navigators	67.67	29.5	19.9	67.67	29.5	19.9	—	—	—
Broadcast equipment operators	15.63	8.6	31.7	15.63	8.6	31.7	—	—	—
Computer programmers	22.71	10.5	39.7	22.71	10.7	39.7	—	—	—
Tool programmers, numerical control	21.99	13.4	40.0	21.96	14.1	40.0	—	—	—
Legal assistants	24.49	12.5	37.7	24.91	12.2	37.6	—	—	—
Technical and related, n.e.c.	18.21	5.8	39.5	19.15	4.4	39.4	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	34.10	2.8	39.9	34.45	2.9	39.9	27.22	9.6	39.0
Legislators	20.15	31.8	6.9	28.77	15.3	6.1	—	—	—
Administrators and officials, public administration ...	31.30	4.5	38.9	31.83	3.6	38.9	29.84	15.5	39.1
Financial managers	31.96	3.2	41.1	32.30	3.4	41.2	—	—	—
Personnel and labor relations managers	49.77	7.9	44.3	51.27	7.7	44.6	—	—	—
Purchasing managers	32.14	7.0	39.9	32.14	7.0	39.9	—	—	—
Managers, marketing, advertising, and public relations	37.97	2.6	41.4	38.01	2.7	41.4	—	—	—
Administrators, education and related fields	38.16	3.9	39.2	38.27	4.3	38.9	37.39	7.5	41.0
Managers, medicine and health	36.40	13.4	39.3	37.28	14.7	39.2	29.15	13.9	39.9
Managers, food servicing and lodging establishments	17.70	19.1	45.7	17.99	20.0	45.4	—	—	—
Managers, properties and real estate	36.57	20.6	40.0	36.57	20.6	40.0	—	—	—
Managers, service organizations, n.e.c.	26.51	5.2	37.8	26.36	5.2	37.8	—	—	—
Managers and administrators, n.e.c.	35.55	3.4	39.7	35.91	3.4	39.7	27.95	29.2	41.1
Management related	24.06	1.2	38.5	24.22	1.2	38.6	20.76	8.1	37.4
Accountants and auditors	22.51	2.2	37.5	22.64	2.2	37.4	20.26	10.6	40.4

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 July 2002—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									
Underwriters	\$26.03	9.0	38.2	\$26.07	9.7	38.3	—	—	—
Other financial officers	25.22	8.6	39.1	25.61	9.4	39.2	\$21.48	17.7	38.2
Management analysts	29.81	6.2	39.6	29.76	6.6	39.7	—	—	—
Personnel, training, and labor relations specialists ..	23.74	6.6	37.4	23.84	6.6	37.9	—	—	—
Buyers, wholesale and retail trade, except farm products	22.63	8.8	41.8	22.63	8.8	41.8	—	—	—
Purchasing agents and buyers, n.e.c.	25.81	6.4	39.4	25.97	6.4	39.4	—	—	—
Construction inspectors	23.63	10.6	39.5	23.34	11.3	39.4	—	—	—
Inspectors and compliance officers, except construction	20.60	2.4	39.3	20.63	2.6	39.3	20.27	5.7	39.5
Management related, n.e.c.	24.01	3.5	38.7	24.17	3.6	38.7	—	—	—
Sales	15.28	5.0	33.2	15.50	5.1	33.2	11.57	7.1	33.9
Supervisors, sales	18.78	8.4	41.0	18.89	8.5	41.0	15.02	5.0	41.0
Insurance sales	20.10	21.0	38.6	20.13	21.4	38.6	—	—	—
Real estate sales	20.42	20.3	39.5	20.42	20.3	39.5	—	—	—
Securities and financial services sales	35.49	10.0	39.7	36.02	10.2	39.7	—	—	—
Advertising and related sales	21.90	5.7	39.8	21.82	6.5	39.7	—	—	—
Sales, other business services	19.87	5.5	40.8	20.31	5.6	40.7	—	—	—
Sales engineers	28.91	17.1	41.5	28.91	17.1	41.5	—	—	—
Sales representatives, mining, manufacturing, and wholesale	24.37	4.7	39.3	25.96	4.0	39.2	16.47	16.9	40.0
Sales workers, motor vehicles and boats	14.95	9.9	44.2	15.30	11.0	44.1	—	—	—
Sales workers, apparel	9.32	8.5	25.7	9.25	8.6	25.6	—	—	—
Sales workers, furniture and home furnishings	12.00	10.7	27.7	12.01	12.0	26.9	—	—	—
Sales workers, hardware and building supplies	14.26	18.9	35.4	15.12	23.3	33.8	—	—	—
Sales workers, parts	11.01	7.1	32.6	11.28	7.6	32.0	—	—	—
Sales workers, other commodities	13.05	19.6	30.3	13.15	20.0	30.1	—	—	—
Sales counter clerks	8.57	6.3	30.7	8.65	6.6	31.1	—	—	—
Cashiers	7.81	2.4	28.5	7.86	2.5	28.7	7.22	4.1	26.6
Sales support, n.e.c.	13.58	7.7	35.9	13.63	7.8	36.0	—	—	—
Administrative support, including clerical	13.64	1.3	36.3	13.81	1.2	36.2	12.44	6.5	36.9
Supervisors, general office	19.12	5.2	39.4	19.27	5.6	39.3	—	—	—
Supervisors, financial records processing	18.66	5.2	39.6	18.65	5.7	39.9	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.62	8.0	39.5	18.59	8.3	39.4	—	—	—
Peripheral equipment operators	12.06	6.6	39.2	—	—	—	—	—	—
Secretaries	14.76	2.3	37.2	14.89	2.3	37.0	13.98	10.0	38.4
Stenographers	17.69	21.6	34.9	18.81	23.1	35.4	—	—	—
Typists	12.53	4.8	36.4	12.82	5.7	36.0	—	—	—
Interviewers	9.33	5.8	28.7	9.27	6.0	28.3	—	—	—
Hotel clerks	8.16	2.3	35.0	8.17	2.8	37.6	8.12	.7	26.7
Transportation ticket and reservation agents	13.45	10.0	36.0	13.45	10.0	36.0	—	—	—
Receptionists	10.66	5.8	35.7	10.77	6.4	35.4	9.62	3.6	38.1
Information clerks, n.e.c.	13.89	7.2	37.7	13.91	7.2	37.7	—	—	—
Order clerks	13.15	3.2	34.6	13.15	3.2	34.5	12.77	7.7	37.2
Personnel clerks, except payroll and timekeeping ...	14.47	10.9	38.6	14.47	10.9	38.6	—	—	—
Library clerks	10.63	5.9	27.5	11.14	4.3	25.1	—	—	—
File clerks	9.52	3.5	31.0	9.54	3.6	30.8	—	—	—
Records clerks, n.e.c.	12.68	4.0	38.3	12.75	4.3	38.2	12.13	8.7	38.6
Bookkeepers, accounting and auditing clerks	13.04	2.7	36.2	13.27	2.9	35.9	11.91	6.9	37.5
Payroll and timekeeping clerks	15.94	6.2	38.1	16.54	6.1	37.8	11.39	6.8	40.0
Billing clerks	14.16	4.3	37.1	14.81	3.6	37.3	10.70	1.1	36.0
Billing, posting, and calculating machine operators	—	—	—	11.24	3.6	34.5	—	—	—
Duplicating machine operators	13.06	9.2	39.3	13.06	9.2	39.3	—	—	—
Mail preparing and paper handling machine operators	10.62	7.7	39.8	10.62	7.7	39.8	—	—	—
Telephone operators	12.85	11.6	34.2	12.85	11.6	34.2	—	—	—
Mail clerks, except postal service	12.45	13.2	33.4	10.82	7.6	34.9	—	—	—

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 July 2002—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									
Dispatchers	\$14.44	5.5	38.4	\$15.26	4.9	38.1	—	—	—
Production coordinators	17.21	5.7	39.8	18.10	5.8	40.3	—	—	—
Traffic, shipping and receiving clerks	12.66	8.3	39.5	12.44	6.7	39.3	\$13.33	25.2	40.0
Stock and inventory clerks	13.17	3.8	36.9	13.18	3.8	36.8	—	—	—
Meter readers	15.32	7.3	39.8	15.41	8.1	39.8	—	—	—
Weighers, measurers, checkers, and samplers	16.68	9.5	40.0	16.68	9.5	40.0	—	—	—
Expeditors	13.84	17.3	30.3	13.69	18.0	30.1	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	18.38	8.7	38.9	16.76	6.8	37.7	—	—	—
Insurance adjusters, examiners, and investigators ..	23.48	20.8	37.1	23.67	20.8	37.0	—	—	—
Investigators and adjusters, except insurance	13.85	8.5	38.2	13.46	8.2	38.1	—	—	—
Eligibility clerks, social welfare	13.50	6.6	39.6	12.92	6.9	39.6	—	—	—
Bill and account collectors	12.51	9.5	37.7	12.48	9.6	37.7	—	—	—
General office clerks	12.24	1.5	35.0	12.52	1.7	35.3	10.15	7.7	32.3
Bank tellers	9.71	2.3	34.6	9.78	2.4	34.3	9.05	1.3	37.9
Data entry keyers	12.21	11.6	36.9	12.51	11.6	36.8	—	—	—
Statistical clerks	14.59	8.0	36.8	14.99	7.3	38.6	—	—	—
Teachers' aides	11.19	5.2	32.9	11.44	5.7	31.7	10.75	10.4	35.4
Administrative support, n.e.c.	13.57	3.0	35.4	13.87	2.8	34.7	12.24	8.5	38.9
Blue collar	15.43	1.5	38.0	15.62	1.4	38.0	14.32	4.0	38.2
Precision production, craft, and repair									
Supervisors, mechanics and repairers	24.11	6.9	40.5	23.26	6.1	40.6	16.82	5.5	39.5
Automobile mechanics	16.72	6.9	40.0	16.74	7.0	40.0	—	—	—
Bus, truck, and stationary engine mechanics	17.49	6.6	39.5	17.36	6.9	39.5	—	—	—
Automobile body and related repairers	16.27	4.5	40.0	16.79	3.9	40.0	—	—	—
Aircraft mechanics, except engine	25.03	4.3	40.0	25.03	4.3	40.0	—	—	—
Heavy equipment mechanics	18.42	13.1	39.7	22.89	10.9	39.9	13.82	10.6	39.5
Industrial machinery repairers	20.79	3.8	39.8	21.82	3.0	39.7	—	—	—
Machinery maintenance	15.76	8.0	37.7	16.07	9.5	37.4	14.95	13.5	38.3
Electronic repairers, communications and industrial equipment	19.73	10.8	39.7	19.73	10.8	39.7	—	—	—
Household appliance and power tool repairers	15.78	15.1	34.8	—	—	—	—	—	—
Telephone installers and repairers	18.89	6.7	40.0	18.79	7.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.16	5.6	38.9	16.22	5.8	38.9	—	—	—
Office machine repairers	14.41	10.6	40.0	14.41	10.6	40.0	—	—	—
Mechanical controls and valve repairers	18.56	3.6	36.2	19.17	3.8	35.0	—	—	—
Millwrights	24.24	2.3	40.0	25.00	3.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.31	4.5	38.3	16.45	4.9	38.1	14.87	9.3	40.0
Supervisors, carpenters and related workers	25.52	9.0	40.0	25.52	9.0	40.0	—	—	—
Supervisors, electricians and power transmission installers	30.64	3.8	41.4	30.64	3.8	41.4	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	24.90	13.3	45.9	23.20	14.1	47.8	—	—	—
Supervisors, construction trades, n.e.c.	22.67	8.2	39.3	23.00	8.8	39.3	—	—	—
Brickmasons and stonemasons	23.70	6.6	40.0	24.24	6.9	40.0	—	—	—
Carpenters	22.12	5.5	39.8	22.97	5.6	39.8	—	—	—
Electricians	23.36	3.6	39.4	24.45	2.4	39.3	—	—	—
Electrician apprentices	15.47	3.3	39.2	15.54	3.2	39.2	—	—	—
Electrical power installers and repairers	25.17	4.6	40.0	25.17	4.6	40.0	—	—	—
Painters, construction and maintenance	16.30	13.1	39.8	16.30	13.1	39.8	—	—	—
Plumbers, pipefitters and steamfitters	23.07	5.2	39.4	23.32	5.5	39.4	—	—	—
Concrete and terrazzo finishers	22.06	10.9	40.0	23.72	9.3	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	—	—	—	25.87	13.6	40.0	—	—	—
Roofers	21.62	5.1	40.0	21.62	5.1	40.0	—	—	—
Construction trades, n.e.c.	18.88	9.9	39.4	19.35	11.0	39.4	16.70	12.8	39.2
Supervisors, production	21.66	3.2	40.4	21.65	4.6	40.5	21.73	11.0	40.2
Tool and die makers	23.13	2.9	40.0	23.78	3.1	40.0	18.33	3.0	40.0
Tool and die maker apprentices	17.69	9.4	39.5	19.07	7.5	39.3	—	—	—

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 July 2002—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									
Precision assemblers, metal	\$20.11	6.6	40.0	\$20.35	6.8	40.0	—	—	—
Machinists	19.63	6.6	39.8	19.79	6.6	39.8	—	—	—
Precision grinders, filers, and tool sharpeners	16.61	13.2	40.0	16.61	13.2	40.0	—	—	—
Patternmakers and modelmakers, metal	21.67	14.2	40.0	22.57	15.2	40.0	—	—	—
Cabinet makers and bench carpenters	11.87	17.0	39.9	11.87	17.0	39.9	—	—	—
Dental laboratory and medical appliance technicians	13.78	1.4	40.0	—	—	—	—	—	—
Bookbinders	13.43	13.9	39.5	—	—	—	—	—	—
Electrical and electronic equipment assemblers	10.56	11.0	40.0	10.92	16.5	40.0	—	—	—
Butchers and meat cutters	11.47	13.4	37.7	11.30	14.6	39.6	—	—	—
Bakers	11.83	7.3	36.8	11.51	7.9	36.6	—	—	—
Food batchmakers	15.44	10.7	40.0	15.28	11.9	40.0	—	—	—
Inspectors, testers, and graders	18.85	7.4	40.0	19.11	7.5	40.0	—	—	—
Water and sewer treatment plant operators	18.37	3.8	40.0	18.30	4.1	40.0	—	—	—
Stationary engineers	24.76	6.7	39.6	24.15	8.2	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	18.27	10.0	40.0	18.27	10.0	40.0	—	—	—
Machine operators, assemblers, and inspectors	14.07	2.2	39.5	14.11	1.9	39.4	\$13.87	7.3	39.6
Lathe and turning machine set-up operators	17.66	6.3	40.0	17.86	6.1	40.0	—	—	—
Lathe and turning machine operators	16.03	7.7	40.0	15.67	10.0	40.0	—	—	—
Milling and planing machine operators	12.81	12.1	40.0	12.81	12.1	40.0	—	—	—
Punching and stamping press operators	13.27	13.4	40.0	12.96	12.9	40.0	—	—	—
Rolling machine operators	14.45	5.2	40.0	14.45	5.2	40.0	—	—	—
Drilling and boring machine operators	12.22	16.3	40.0	12.25	16.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.44	5.7	37.1	13.06	6.3	34.8	13.85	9.8	40.0
Forging machine operators	15.29	9.8	40.0	15.29	9.8	40.0	—	—	—
Numerical control machine operators	14.85	6.5	40.0	16.22	5.8	40.0	12.80	4.0	40.0
Fabricating machine operators, n.e.c.	16.46	4.1	39.8	16.66	4.3	39.8	—	—	—
Molding and casting machine operators	12.27	3.2	39.7	12.02	3.4	39.7	—	—	—
Metal plating machine operators	13.20	8.4	38.7	13.41	8.4	38.7	—	—	—
Heat treating equipment operators	15.38	4.3	40.0	15.59	8.8	40.0	—	—	—
Wood lathe, routing, and planing machine operators	12.80	5.2	39.5	12.80	5.2	39.5	—	—	—
Shaping and jointing machine operators	12.82	4.7	40.0	12.82	4.7	40.0	—	—	—
Printing press operators	15.34	6.0	39.3	15.83	7.1	39.3	13.95	6.6	39.1
Photoengravers and lithographers	17.43	11.0	38.5	17.87	11.5	38.8	—	—	—
Typesetters and compositors	12.40	20.6	30.6	12.68	25.1	27.9	—	—	—
Textile sewing machine operators	13.54	15.7	39.5	14.40	16.0	39.4	—	—	—
Pressing machine operators	9.14	2.9	38.6	9.14	2.9	38.6	—	—	—
Laundering and dry cleaning machine operators	8.39	4.5	36.9	8.56	5.6	38.2	—	—	—
Packaging and filling machine operators	14.59	7.5	39.2	13.29	3.7	39.0	—	—	—
Extruding and forming machine operators	13.74	6.1	39.2	12.58	5.4	39.7	—	—	—
Mixing and blending machine operators	17.35	9.5	39.6	15.93	5.8	39.5	—	—	—
Separating, filtering, and clarifying machine operators	19.85	2.6	40.0	19.71	3.4	39.9	—	—	—
Compressing and compacting machine operators ..	11.88	5.4	39.8	11.88	5.4	39.8	—	—	—
Painting and paint spraying machine operators	13.60	4.6	39.8	13.68	4.6	39.8	—	—	—
Folding machine operators	13.85	7.1	40.0	13.83	7.3	40.0	—	—	—
Furnace, kiln, and oven operators, except food	14.45	12.7	40.0	16.71	6.8	39.9	—	—	—
Slicing and cutting machine operators	14.26	8.0	40.0	13.33	10.4	40.0	—	—	—
Photographic process machine operators	11.64	13.0	39.1	11.63	13.1	39.1	—	—	—
Miscellaneous machine operators, n.e.c.	14.20	5.0	39.6	15.13	2.7	39.5	12.81	12.8	39.8
Welders and cutters	16.30	3.7	39.9	16.44	4.0	39.9	14.51	7.2	40.0
Assemblers	13.86	5.4	39.5	13.87	5.6	39.5	13.61	5.4	40.0
Miscellaneous hand working, n.e.c.	12.11	8.8	38.7	12.25	9.6	38.5	—	—	—
Production inspectors, checkers and examiners	15.03	6.4	40.0	14.20	4.9	40.0	—	—	—
Production testers	14.07	5.4	39.8	13.95	5.7	40.0	—	—	—
Transportation and material moving	15.65	1.9	37.3	15.63	2.6	37.3	15.84	13.3	37.6
Supervisors, motor vehicle operators	20.01	10.4	44.0	20.21	10.7	44.0	—	—	—

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 July 2002—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									
Truck drivers	\$15.90	2.7	40.2	\$15.62	4.4	39.4	\$18.08	14.4	47.4
Driver-sales workers	11.01	15.7	30.7	11.12	16.0	30.9	—	—	—
Bus drivers	14.96	2.9	27.7	15.28	3.0	29.2	13.18	6.5	21.6
Taxicab drivers and chauffeurs	8.49	11.3	28.3	8.50	11.5	28.4	—	—	—
Motor transportation, n.e.c.	8.52	8.8	21.9	9.11	7.8	22.3	—	—	—
Supervisors, material moving equipment	20.19	4.7	41.4	20.19	4.7	41.4	—	—	—
Operating engineers	23.11	3.3	39.4	23.05	3.5	40.0	—	—	—
Crane and tower operators	15.00	5.4	40.0	15.47	4.0	40.0	—	—	—
Excavating and loading machine operators	17.92	19.1	40.0	18.10	19.5	40.0	—	—	—
Grader, dozer, and scraper operators	18.00	21.1	40.0	20.54	25.1	40.0	—	—	—
Industrial truck and tractor equipment operators	14.85	3.0	39.3	14.96	3.3	39.2	13.64	5.7	39.8
Miscellaneous material moving equipment operators, n.e.c.	15.43	3.1	36.1	15.58	3.6	35.7	14.36	8.0	40.0
Handlers, equipment cleaners, helpers, and laborers ...									
Supervisors, agriculture-related workers	12.07	2.7	33.7	12.19	3.0	33.8	11.27	4.5	33.5
Supervisors, agriculture-related workers	19.86	8.9	40.0	19.86	8.9	40.0	—	—	—
Groundskeepers and gardeners, except farm	12.77	6.8	34.4	12.74	7.3	34.2	—	—	—
Animal caretakers, except farm	12.02	18.9	31.1	12.02	18.9	31.1	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.00	8.5	38.9	17.74	8.6	38.1	—	—	—
Helpers, mechanics and repairers	16.00	10.4	39.7	16.00	10.9	39.7	—	—	—
Helpers, construction trades	15.93	11.7	37.1	16.26	12.2	38.5	—	—	—
Construction laborers	18.64	7.3	37.7	18.61	7.4	37.6	—	—	—
Production helpers	11.40	4.1	37.5	11.18	5.6	36.3	11.78	6.2	39.9
Stock handlers and baggers	10.03	5.1	27.9	10.04	5.3	27.6	9.99	13.1	29.5
Machine feeders and offbearers	10.87	5.8	38.7	10.29	4.4	38.5	15.86	12.9	40.1
Freight, stock, and material handlers, n.e.c.	14.22	9.8	33.3	14.69	9.4	33.9	10.36	12.8	28.9
Garage and service station related	10.27	20.0	37.3	10.29	20.3	37.2	—	—	—
Vehicle washers and equipment cleaners	11.32	10.0	32.7	11.35	10.1	32.7	—	—	—
Hand packers and packagers	9.58	10.2	37.0	9.52	11.8	37.9	9.95	7.0	32.5
Laborers, except construction, n.e.c.	11.57	8.4	35.7	11.68	9.1	35.3	10.45	8.7	39.9
Service									
Protective service	10.20	2.3	30.5	10.22	2.5	30.3	10.06	5.0	32.0
Protective service	17.24	2.8	36.6	17.31	3.0	36.7	16.78	8.1	36.5
Supervisors, firefighters and fire prevention	20.75	7.5	50.4	21.23	8.4	50.1	—	—	—
Supervisors, police and detectives	28.07	10.1	40.1	30.60	6.4	40.1	—	—	—
Supervisors, guards	17.04	19.3	37.3	14.30	11.1	37.1	—	—	—
Firefighting	18.89	2.8	46.2	18.97	2.9	46.1	—	—	—
Police and detectives, public service	23.09	1.1	38.8	23.56	.6	38.9	18.32	4.4	37.8
Sheriffs, bailiffs, and other law enforcement officers	16.95	4.1	39.6	19.05	2.6	39.6	14.90	3.7	39.7
Correctional institution officers	17.02	4.9	38.4	16.74	3.1	39.9	17.56	11.5	35.8
Crossing guards	7.87	9.8	13.3	7.80	11.7	14.2	—	—	—
Guards and police, except public service	10.05	3.5	32.1	9.95	3.5	32.3	13.93	15.6	27.0
Protective service, n.e.c.	10.24	14.4	25.6	10.45	14.7	25.8	—	—	—
Food service									
Food service	7.04	1.7	26.9	7.05	1.9	26.9	6.93	2.8	27.5
Waiters, waitresses, and bartenders	4.14	2.8	24.8	4.12	4.8	25.0	4.34	19.0	23.2
Bartenders	6.62	2.6	23.2	6.48	4.1	22.7	7.43	15.1	26.4
Waiters and waitresses	3.14	2.6	24.8	3.14	2.7	25.0	3.24	6.5	22.8
Waiters/Waitresses' assistants	6.08	13.7	27.0	6.36	12.3	28.0	3.23	21.4	19.8
Other food service	8.34	1.9	28.0	8.36	2.1	27.8	8.11	3.1	30.0
Supervisors, food preparation and service	11.42	4.2	38.2	11.57	4.5	38.0	10.04	6.3	39.8
Cooks	9.12	3.0	32.2	9.24	3.4	32.3	8.45	5.6	32.1
Kitchen workers, food preparation	7.64	3.9	26.0	7.68	4.7	25.7	7.31	5.4	28.5
Food preparation, n.e.c.	7.31	2.7	25.3	7.35	2.9	25.4	6.60	5.2	23.1
Health service									
Health service	10.35	1.8	35.3	10.39	1.6	35.5	10.17	6.0	34.5
Health aides, except nursing	11.18	2.9	34.0	11.44	2.1	35.6	10.13	11.7	29.0
Nursing aides, orderlies and attendants	9.79	2.7	35.1	9.66	2.4	34.7	10.17	7.6	36.2
Cleaning and building service									
Cleaning and building service	10.53	4.2	33.5	10.74	4.7	33.8	9.28	4.5	32.2
Supervisors, cleaning and building service workers	14.66	4.8	39.9	15.05	5.1	39.9	—	—	—
Maids and housemen	7.94	4.0	32.3	8.05	5.3	33.5	7.52	4.3	28.5

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 July 2002—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									
Cleaning and building service—Continued									
Janitors and cleaners	\$10.78	4.5	33.4	\$10.93	5.0	33.4	\$9.74	4.3	33.4
Personal service	10.28	4.7	25.5	10.29	5.0	24.9	10.09	10.5	34.4
Supervisors, personal service	13.15	19.4	39.7	14.65	18.4	39.6	—	—	—
Hairdressers and cosmetologists	13.78	13.1	26.6	13.78	13.1	26.6	—	—	—
Attendants, amusement, and recreation facilities	6.67	3.4	22.1	6.66	3.4	21.8	—	—	—
Guides	8.22	5.8	24.8	8.21	6.8	23.4	—	—	—
Public transportation attendants	33.19	5.9	17.3	33.19	5.9	17.3	—	—	—
Baggage porters and bellhops	8.97	26.5	36.2	8.97	26.5	36.2	—	—	—
Welfare service aides	8.89	7.8	28.0	9.04	8.6	27.5	—	—	—
Early childhood teachers' assistants	8.72	5.6	25.8	8.72	6.2	25.6	8.75	7.4	28.3
Child care workers, n.e.c.	10.96	8.4	25.3	10.98	9.1	24.7	—	—	—
Service, n.e.c.	10.25	4.4	25.5	9.93	3.3	24.7	12.79	11.7	34.4

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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 July 2002

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	\$16.11	4.1	35.3	\$16.82	4.7	35.3	\$13.38	6.2	35.3
All, excluding sales	16.43	4.3	35.7	17.21	5.1	35.7	13.40	5.4	35.6
White collar	19.43	5.1	36.1	20.10	5.7	36.3	16.24	4.0	35.2
White collar, excluding sales	20.85	5.4	37.3	21.62	6.1	37.5	17.01	3.5	36.2
Professional specialty and technical	24.26	3.1	36.4	24.90	3.0	36.4	21.17	6.9	36.1
Professional specialty	25.84	3.2	36.9	26.30	3.2	37.0	23.54	7.2	36.4
Engineers, architects, and surveyors	27.80	11.8	40.3	27.97	12.5	40.3	25.01	4.0	40.0
Civil engineers	33.05	4.2	40.0	33.27	4.4	40.0	-	-	-
Electrical and electronic engineers	29.69	4.1	40.4	29.69	4.1	40.4	-	-	-
Industrial engineers	26.99	2.7	41.0	27.55	2.0	41.2	-	-	-
Mechanical engineers	30.12	2.0	40.6	30.12	2.0	40.6	-	-	-
Engineers, n.e.c.	25.67	19.7	40.0	25.77	20.3	40.1	-	-	-
Mathematical and computer scientists	29.26	5.2	40.3	29.28	5.2	40.3	-	-	-
Computer systems analysts and scientists	29.33	5.7	40.3	29.35	5.7	40.3	-	-	-
Operations and systems researchers and analysts	27.68	8.6	39.7	27.68	8.6	39.7	-	-	-
Natural scientists	20.97	6.1	39.7	20.89	6.1	39.7	-	-	-
Chemists, except biochemists	21.50	18.7	40.0	21.50	18.7	40.0	-	-	-
Physical scientists, n.e.c.	27.44	12.5	39.7	30.07	17.4	39.5	-	-	-
Biological and life scientists	19.70	6.9	39.3	19.70	6.9	39.3	-	-	-
Health related	25.11	7.8	34.8	26.11	8.5	34.7	21.98	13.6	34.9
Physicians	43.01	45.3	40.3	37.61	43.2	40.3	-	-	-
Registered nurses	21.76	3.0	33.7	23.06	1.5	33.4	18.79	4.5	34.5
Pharmacists	35.35	3.6	38.8	35.35	3.6	38.8	-	-	-
Dietitians	16.70	10.9	36.6	16.40	12.4	36.1	-	-	-
Respiratory therapists	20.78	8.0	32.4	20.78	8.0	32.4	-	-	-
Occupational therapists	23.92	5.9	31.4	23.92	5.9	31.4	-	-	-
Physical therapists	23.42	3.6	36.8	23.12	7.0	34.1	-	-	-
Speech therapists	28.02	4.3	32.1	28.02	4.3	32.1	-	-	-
Therapists, n.e.c.	17.34	6.1	40.0	17.34	6.1	40.0	-	-	-
Physicians' assistants	28.09	9.2	39.9	28.82	13.1	39.9	-	-	-
Teachers, college and university	36.54	16.3	37.4	38.12	17.6	37.3	31.30	4.2	37.7
Social science teachers, n.e.c.	32.31	1.2	38.6	32.13	1.7	38.0	-	-	-
Mathematical science teachers	27.75	25.9	39.9	-	-	-	-	-	-
Medical science teachers	36.20	11.9	40.1	36.20	11.9	40.1	-	-	-
Health specialties teachers	23.44	8.7	39.0	21.47	8.3	38.6	-	-	-
Business, commerce, and marketing teachers	43.75	17.3	37.1	43.75	17.3	37.1	-	-	-
Art, drama, and music teachers	36.75	12.1	38.8	39.45	13.8	38.2	-	-	-
Education teachers	29.68	6.7	40.1	-	-	-	-	-	-
Theology teachers	34.74	4.0	39.5	-	-	-	-	-	-
Trade and industrial teachers	30.91	8.1	37.3	-	-	-	-	-	-
Other post-secondary teachers	28.00	9.6	32.9	25.27	9.9	31.8	-	-	-
Teachers, except college and university	25.39	3.4	35.5	26.31	3.5	34.8	23.38	5.9	37.0
Prekindergarten and kindergarten	15.13	17.6	36.4	15.06	17.8	36.5	-	-	-
Elementary school teachers	28.45	3.5	36.5	30.03	2.5	36.1	24.92	5.3	37.6
Secondary school teachers	28.15	4.5	36.6	30.37	2.7	36.0	24.75	6.5	37.5
Teachers, special education	25.98	5.1	37.2	26.68	4.2	37.4	-	-	-
Teachers, n.e.c.	22.98	7.0	32.5	22.34	7.3	32.9	-	-	-
Substitute teachers	11.82	13.6	12.1	11.82	13.6	12.1	-	-	-
Vocational and educational counselors	17.67	16.7	39.6	23.35	7.5	38.9	-	-	-
Librarians, archivists, and curators	27.12	7.3	37.4	27.88	6.1	36.9	-	-	-
Librarians	27.12	7.3	37.4	27.88	6.1	36.9	-	-	-
Social scientists and urban planners	23.30	6.1	39.8	23.25	6.8	39.8	-	-	-
Economists	22.77	2.3	40.0	22.77	2.3	40.0	-	-	-
Psychologists	24.64	9.7	39.6	24.95	12.7	39.5	-	-	-
Social, recreation, and religious workers	15.64	4.4	38.2	15.63	4.7	38.1	15.69	5.6	38.8
Social workers	15.57	4.3	38.3	15.56	4.7	38.2	15.69	5.6	38.8
Lawyers and judges	41.93	14.4	38.1	42.77	14.8	37.9	-	-	-
Lawyers	41.25	15.4	38.0	42.77	14.8	37.9	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.69	15.9	33.9	15.87	16.9	34.0	12.72	11.0	31.7
Technical writers	17.78	19.3	40.0	22.45	8.7	39.9	-	-	-
Designers	12.29	36.1	33.2	12.29	36.1	33.2	-	-	-

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 July 2002—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									
	\$18.93	7.0	39.9	\$18.93	7.0	39.9	—	—	—
Artists, performers, and related workers, n.e.c.	11.99	22.0	28.5	12.25	23.1	30.1	—	—	—
Editors and reporters	15.45	18.4	38.3	15.60	18.2	38.3	—	—	—
Public relations specialists	27.18	21.9	40.1	27.18	21.9	40.1	—	—	—
Athletes	20.91	24.8	25.4	23.43	18.7	29.8	—	—	—
Professional, n.e.c.	23.59	18.0	40.0	23.44	19.1	40.0	—	—	—
Technical									
Clinical laboratory technologists and technicians	15.29	11.5	37.8	15.29	11.5	37.8	\$14.56	4.8	35.1
Health record technologists and technicians	12.32	7.8	39.9	13.24	10.3	39.8	—	—	—
Radiological technicians	20.70	8.2	36.5	21.26	8.4	36.6	17.68	8.8	36.1
Licensed practical nurses	13.93	2.1	34.8	14.06	3.4	36.0	13.75	2.5	33.4
Health technologists and technicians, n.e.c.	13.36	3.7	34.3	13.53	1.2	34.9	—	—	—
Electrical and electronic technicians	18.78	6.3	40.0	18.82	6.4	40.0	—	—	—
Engineering technicians, n.e.c.	18.81	5.7	40.0	19.03	8.1	39.9	—	—	—
Drafters	17.45	2.6	39.3	18.33	3.2	38.8	—	—	—
Chemical technicians	18.14	6.4	37.6	18.53	6.6	40.0	—	—	—
Science technicians, n.e.c.	21.05	21.1	40.0	—	—	—	—	—	—
Computer programmers	23.47	5.7	40.0	23.57	6.0	40.0	—	—	—
Legal assistants	19.28	10.3	38.9	19.28	10.3	38.9	—	—	—
Technical and related, n.e.c.	15.03	10.0	32.9	16.07	6.1	32.5	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	33.34	14.5	41.4	34.59	15.9	41.5	25.33	4.4	40.7
Legislators	12.35	30.6	21.5	—	—	—	—	—	—
Administrators and officials, public administration ...	27.58	4.7	40.8	28.97	3.3	40.6	23.22	15.2	41.3
Financial managers	65.34	40.4	41.5	74.89	40.5	41.9	23.65	12.3	39.7
Personnel and labor relations managers	32.08	17.8	40.1	32.08	17.8	40.1	—	—	—
Purchasing managers	26.48	9.5	41.0	26.48	9.5	41.0	—	—	—
Managers, marketing, advertising, and public relations	33.51	14.3	40.1	35.26	17.3	40.7	—	—	—
Administrators, education and related fields	31.58	22.0	40.2	30.98	23.0	40.2	—	—	—
Managers, medicine and health	30.06	6.0	40.3	31.66	8.0	40.6	26.62	9.0	39.9
Managers, food servicing and lodging establishments	15.50	10.3	36.1	15.69	10.9	35.5	—	—	—
Managers, properties and real estate	16.11	16.4	30.6	17.20	19.8	29.2	—	—	—
Managers, service organizations, n.e.c.	18.17	18.3	42.1	16.76	17.0	42.4	—	—	—
Managers and administrators, n.e.c.	27.91	6.5	43.4	28.08	7.2	43.3	26.51	9.4	43.7
Management related	23.33	6.7	40.9	23.82	7.1	41.0	18.96	8.2	40.1
Accountants and auditors	23.88	8.9	40.0	24.12	8.7	39.9	—	—	—
Underwriters	19.74	7.3	40.1	19.69	9.5	39.6	—	—	—
Other financial officers	29.74	23.8	43.5	29.69	24.9	43.7	—	—	—
Management analysts	28.87	4.5	40.7	30.03	3.9	40.8	—	—	—
Personnel, training, and labor relations specialists ..	18.98	8.7	39.8	21.22	4.7	39.8	—	—	—
Purchasing agents and buyers, n.e.c.	23.21	6.8	40.6	24.80	3.0	41.1	—	—	—
Construction inspectors	20.56	6.7	39.8	20.56	6.7	39.8	—	—	—
Inspectors and compliance officers, except construction	22.41	7.8	40.1	22.41	7.8	40.1	—	—	—
Management related, n.e.c.	18.79	4.3	40.7	18.34	3.6	40.8	—	—	—
Sales									
Supervisors, sales	18.34	18.7	40.9	15.94	6.3	40.2	28.76	35.4	44.1
Insurance sales	28.14	24.9	40.4	28.35	25.8	40.5	—	—	—
Securities and financial services sales	34.60	19.3	45.4	35.29	18.3	45.7	—	—	—
Advertising and related sales	15.38	15.5	35.5	15.45	16.3	35.4	—	—	—
Sales engineers	24.22	14.0	40.0	24.22	14.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	16.95	20.3	40.9	17.44	21.4	40.8	—	—	—

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 July 2002—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	\$17.29	20.3	44.1	\$23.84	20.1	39.2	—	—	—
Sales workers, apparel	6.97	6.4	23.5	7.00	6.7	24.0	—	—	—
Sales workers, furniture and home furnishings	10.96	22.0	25.2	10.96	22.0	25.2	—	—	—
Sales workers, hardware and building supplies	15.00	23.5	29.6	15.00	23.5	29.6	—	—	—
Sales workers, parts	13.57	10.5	41.5	12.56	7.5	40.6	\$14.69	13.7	42.6
Sales workers, other commodities	12.56	6.8	27.5	12.91	6.7	26.7	10.55	25.7	33.0
Sales counter clerks	9.13	7.0	29.4	9.15	7.0	29.6	—	—	—
Cashiers	7.70	2.9	27.5	7.86	4.3	28.1	7.24	3.0	25.7
Demonstrators, promoters, and models, sales	11.17	16.0	26.8	11.26	16.0	30.0	—	—	—
Sales support, n.e.c.	14.55	8.4	38.3	15.28	12.1	34.8	—	—	—
Administrative support, including clerical	12.26	4.8	36.5	12.68	5.3	36.9	10.45	5.2	35.1
Supervisors, general office	17.05	2.4	40.9	17.07	2.2	40.0	—	—	—
Supervisors, financial records processing	19.06	5.3	41.0	19.23	5.2	41.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	15.90	9.1	39.9	16.25	13.8	39.9	—	—	—
Computer operators	13.91	2.3	39.1	13.91	2.5	39.0	—	—	—
Secretaries	13.72	8.3	38.3	14.09	7.6	38.3	11.49	6.8	38.4
Stenographers	13.87	2.4	37.5	14.23	2.8	37.0	—	—	—
Typists	12.50	6.5	38.8	12.87	5.7	38.6	—	—	—
Interviewers	—	—	—	11.23	3.3	37.3	—	—	—
Hotel clerks	7.99	3.7	30.4	7.99	3.7	30.5	—	—	—
Transportation ticket and reservation agents	10.66	23.6	35.5	—	—	—	—	—	—
Receptionists	10.70	2.1	29.3	11.00	2.4	30.7	7.80	9.2	20.1
Information clerks, n.e.c.	12.04	1.9	36.6	11.90	1.5	36.3	—	—	—
Order clerks	13.14	8.5	38.7	13.44	10.1	38.5	—	—	—
Personnel clerks, except payroll and timekeeping ...	13.60	7.0	39.5	12.66	3.0	39.4	—	—	—
Library clerks	10.17	8.4	25.2	10.63	3.3	26.4	—	—	—
File clerks	10.17	6.5	38.5	10.18	7.0	38.6	—	—	—
Records clerks, n.e.c.	10.47	8.2	38.8	11.80	1.3	38.5	7.76	14.7	39.6
Bookkeepers, accounting and auditing clerks	11.49	3.6	37.0	11.98	4.2	38.0	9.73	5.4	33.7
Payroll and timekeeping clerks	14.68	13.1	40.0	12.92	9.9	40.0	—	—	—
Billing clerks	12.13	7.6	37.7	12.60	6.4	37.3	—	—	—
Telephone operators	14.01	8.6	36.7	14.01	8.6	36.7	—	—	—
Mail clerks, except postal service	9.69	7.6	29.2	9.69	7.6	29.2	—	—	—
Messengers	8.96	9.6	27.5	8.99	9.8	27.9	—	—	—
Dispatchers	14.43	5.1	38.4	16.31	5.9	37.5	—	—	—
Production coordinators	17.13	5.4	39.3	16.61	4.2	39.2	—	—	—
Traffic, shipping and receiving clerks	12.03	8.9	39.5	12.13	10.5	39.4	—	—	—
Stock and inventory clerks	11.05	5.6	37.0	10.98	8.5	35.9	11.22	5.1	40.0
Weighers, measurers, checkers, and samplers	11.66	17.1	32.5	14.84	2.7	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	10.29	3.7	36.8	11.12	6.6	36.9	—	—	—
Insurance adjusters, examiners, and investigators ..	14.40	5.0	39.1	14.57	5.0	39.0	—	—	—
Investigators and adjusters, except insurance	12.55	3.5	38.8	12.59	3.5	39.2	—	—	—
Eligibility clerks, social welfare	13.91	5.9	39.3	13.14	6.7	39.1	—	—	—
Bill and account collectors	14.64	4.4	38.6	14.28	4.8	38.4	—	—	—
General office clerks	11.72	6.7	36.2	12.02	7.9	37.1	10.53	8.7	33.1
Bank tellers	9.17	3.5	31.9	9.36	3.8	32.2	8.17	1.8	30.3
Proofreaders	12.86	9.0	36.7	—	—	—	—	—	—
Data entry keyers	10.77	2.6	39.0	10.73	2.6	39.0	—	—	—
Statistical clerks	15.10	4.1	39.5	15.10	4.1	39.5	—	—	—
Teachers' aides	9.93	5.1	29.5	10.79	5.7	33.3	8.37	5.0	24.5
Administrative support, n.e.c.	12.27	4.4	35.6	12.75	4.3	35.2	9.18	7.6	38.4
Blue collar	14.48	2.6	38.1	15.20	2.1	38.2	12.25	7.3	37.7
Precision production, craft, and repair	18.11	2.7	40.2	18.73	3.2	40.0	15.38	3.8	40.7
Supervisors, mechanics and repairers	25.63	3.1	40.6	25.78	3.1	40.6	—	—	—
Bus, truck, and stationary engine mechanics	13.53	4.2	41.7	13.54	6.0	40.0	13.51	4.4	44.4
Heavy equipment mechanics	18.17	4.4	40.1	18.68	1.7	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 July 2002—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									
Farm equipment mechanics	\$14.19	11.7	42.1	—	—	—	—	—	—
Industrial machinery repairers	17.75	3.8	39.4	\$18.92	3.9	39.9	—	—	—
Machinery maintenance	15.69	12.3	39.8	15.33	13.5	39.7	—	—	—
Electronic repairers, communications and industrial equipment	19.72	5.0	40.0	20.44	3.9	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	17.83	15.9	40.0	17.83	15.9	40.0	—	—	—
Millwrights	18.74	9.4	40.0	19.82	10.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.05	6.3	39.4	16.46	6.7	39.4	—	—	—
Supervisors, construction trades, n.e.c.	23.05	8.4	41.6	23.05	8.4	41.6	—	—	—
Carpenters	17.86	4.7	39.9	17.89	4.8	39.9	—	—	—
Electricians	22.39	9.0	40.0	22.12	8.0	40.0	\$23.16	29.7	40.0
Electrical power installers and repairers	26.27	13.9	40.0	—	—	—	—	—	—
Painters, construction and maintenance	24.16	2.7	40.0	24.16	2.7	40.0	—	—	—
Plumbers, pipefitters and steamfitters	22.77	16.7	40.0	22.80	17.0	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	17.65	20.7	39.9	17.65	20.7	39.9	—	—	—
Structural metal workers	23.44	5.9	40.0	23.44	5.9	40.0	—	—	—
Construction trades, n.e.c.	16.87	4.6	40.0	17.81	5.0	40.0	13.45	7.8	40.0
Supervisors, production	20.27	8.7	40.3	21.39	5.6	40.4	—	—	—
Tool and die makers	22.40	4.3	40.5	23.59	2.7	40.6	—	—	—
Machinists	21.16	3.0	40.0	21.16	3.0	40.0	—	—	—
Sheet metal workers	20.25	12.7	40.0	20.25	12.7	40.0	—	—	—
Bookbinders	15.24	4.7	40.0	15.24	4.7	40.0	—	—	—
Electrical and electronic equipment assemblers	13.68	17.7	40.0	11.05	10.5	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.51	17.2	40.0	17.88	8.9	40.0	—	—	—
Butchers and meat cutters	—	—	—	13.15	14.9	37.1	—	—	—
Bakers	11.44	2.3	40.3	11.44	2.3	40.3	—	—	—
Inspectors, testers, and graders	18.94	3.6	40.0	18.58	3.4	40.0	—	—	—
Water and sewer treatment plant operators	15.07	15.8	40.0	15.56	17.0	40.0	—	—	—
Stationary engineers	18.91	4.6	40.0	18.91	4.6	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.77	5.2	38.7	13.67	5.0	38.3	11.17	8.0	39.3
Punching and stamping press operators	13.25	6.2	40.0	13.98	8.8	39.9	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.57	3.2	40.0	15.04	6.4	40.0	—	—	—
Numerical control machine operators	14.07	14.3	31.5	—	—	—	—	—	—
Fabricating machine operators, n.e.c.	12.47	9.5	40.2	13.28	9.4	40.4	11.68	10.8	39.9
Molding and casting machine operators	12.79	4.4	39.9	15.14	13.1	39.7	11.81	6.2	40.0
Metal plating machine operators	15.06	4.9	40.0	15.06	4.9	40.0	—	—	—
Printing press operators	17.00	4.8	39.2	17.00	4.8	39.2	—	—	—
Photoengravers and lithographers	16.86	9.5	39.3	16.86	9.5	39.3	—	—	—
Textile sewing machine operators	9.93	6.7	39.7	9.90	7.0	40.0	—	—	—
Laundry and dry cleaning machine operators	7.79	2.8	30.5	8.16	1.7	36.2	—	—	—
Cementing and gluing machine operators	14.41	10.4	40.0	14.41	10.4	40.0	—	—	—
Packaging and filling machine operators	11.39	13.3	39.5	13.79	9.0	39.5	—	—	—
Extruding and forming machine operators	10.83	11.7	39.8	12.77	6.2	39.3	—	—	—
Mixing and blending machine operators	13.84	3.7	40.0	14.10	4.3	40.0	—	—	—
Painting and paint spraying machine operators	16.65	6.9	40.0	16.67	9.2	40.0	—	—	—
Slicing and cutting machine operators	13.22	13.9	39.8	15.19	9.4	39.7	—	—	—
Photographic process machine operators	12.30	4.3	40.0	12.30	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.58	6.4	38.8	13.04	7.9	38.1	12.18	10.5	39.4
Welders and cutters	14.12	15.8	40.2	14.10	16.8	40.2	14.19	16.6	40.0
Solders and braziers	—	—	—	11.47	12.3	40.0	—	—	—
Assemblers	13.27	11.3	36.5	14.23	12.9	36.0	9.17	12.5	39.0
Miscellaneous hand working, n.e.c.	9.55	19.8	39.6	—	—	—	—	—	—
Production inspectors, checkers and examiners	15.08	2.3	39.4	15.18	2.3	39.4	—	—	—
Production testers	14.21	9.9	40.0	14.21	9.9	40.0	—	—	—
Transportation and material moving	14.34	5.2	37.1	14.37	5.8	37.0	14.19	5.0	37.5
Truck drivers	13.34	4.7	40.4	13.37	5.0	40.4	12.55	9.4	39.5
Driver-sales workers	10.93	15.4	28.3	10.45	16.5	30.5	—	—	—

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 July 2002—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									
Bus drivers	\$13.68	5.3	21.4	\$13.51	5.2	21.5	\$14.73	8.1	20.9
Taxicab drivers and chauffeurs	9.18	14.4	25.4	9.36	16.3	24.6	—	—	—
Motor transportation, n.e.c.	8.17	10.3	26.2	8.17	10.3	26.2	—	—	—
Supervisors, material moving equipment	19.98	10.0	40.6	20.79	11.7	40.7	—	—	—
Operating engineers	21.14	11.1	40.0	—	—	—	—	—	—
Crane and tower operators	19.07	8.6	40.0	19.07	8.6	40.0	—	—	—
Excavating and loading machine operators	15.46	15.7	40.0	20.63	13.2	40.0	—	—	—
Grader, dozer, and scraper operators	13.63	8.4	40.0	—	—	—	—	—	—
Industrial truck and tractor equipment operators	13.91	5.0	39.5	14.10	7.3	39.6	13.48	2.3	39.2
Miscellaneous material moving equipment operators, n.e.c.	16.39	9.3	39.7	17.61	14.2	39.6	—	—	—
Handlers, equipment cleaners, helpers, and laborers ...									
Supervisors, agriculture-related workers	11.06	4.3	35.6	11.61	6.5	36.5	9.57	5.7	33.2
Supervisors, agriculture-related workers	20.35	5.4	40.0	—	—	—	—	—	—
Groundskeepers and gardeners, except farm	10.65	18.6	37.0	11.33	24.0	38.9	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.35	9.2	40.3	18.93	5.7	40.5	—	—	—
Helpers, construction trades	10.91	9.8	39.4	10.92	9.7	39.4	—	—	—
Construction laborers	14.50	10.8	39.3	15.92	12.4	39.1	—	—	—
Production helpers	11.79	3.5	39.0	11.79	3.5	39.0	—	—	—
Stock handlers and baggers	9.88	6.5	26.6	10.21	8.3	28.4	9.28	14.0	24.0
Machine feeders and offbearers	9.78	11.2	38.1	11.63	12.9	36.6	—	—	—
Freight, stock, and material handlers, n.e.c.	11.44	2.8	35.7	12.23	4.4	37.1	8.06	4.0	30.8
Garage and service station related	8.79	13.9	38.4	—	—	—	—	—	—
Vehicle washers and equipment cleaners	11.94	5.7	39.0	12.59	5.2	38.8	—	—	—
Hand packers and packagers	9.30	12.7	37.9	10.89	11.2	35.8	—	—	—
Laborers, except construction, n.e.c.	10.74	6.4	37.9	10.63	7.8	38.6	10.99	11.6	36.3
Service									
Protective service	9.81	5.7	29.4	9.95	7.5	28.9	9.31	5.6	31.0
Supervisors, police and detectives	15.41	7.5	37.9	15.49	10.2	37.9	15.16	4.5	38.0
Supervisors, police and detectives	27.14	6.1	40.1	28.13	8.2	40.2	—	—	—
Supervisors, guards	18.79	10.1	40.7	21.75	4.3	41.1	—	—	—
Firefighting	15.90	3.0	46.5	16.15	3.2	45.5	—	—	—
Police and detectives, public service	19.85	4.5	39.9	19.97	5.1	39.8	19.29	7.7	40.0
Sheriffs, bailiffs, and other law enforcement officers	17.94	4.0	39.5	19.11	3.9	39.0	17.05	5.4	40.0
Correctional institution officers	14.87	9.3	39.2	14.85	10.4	39.0	—	—	—
Guards and police, except public service	9.79	10.4	34.7	9.58	13.3	34.3	—	—	—
Protective service, n.e.c.	7.42	11.1	19.0	8.38	10.6	21.0	—	—	—
Food service	7.59	4.4	25.2	7.49	3.3	24.6	7.99	10.5	28.1
Waiters, waitresses, and bartenders	5.59	8.5	21.1	5.32	6.6	20.5	7.07	17.1	25.8
Bartenders	8.22	9.5	25.6	7.84	7.9	24.9	—	—	—
Waiters and waitresses	4.27	7.6	21.1	4.08	7.6	20.7	5.40	16.6	24.5
Waiters/Waitresses' assistants	6.34	11.5	15.2	6.31	12.2	14.8	—	—	—
Other food service	8.39	4.0	27.3	8.41	4.4	26.9	8.29	9.0	28.9
Supervisors, food preparation and service	11.03	3.2	32.3	11.52	6.5	33.0	7.77	7.5	28.3
Cooks	9.35	5.3	30.9	9.34	5.4	30.2	9.39	10.0	33.9
Kitchen workers, food preparation	7.63	6.9	25.7	7.73	9.3	24.9	7.15	3.5	30.3
Food preparation, n.e.c.	7.52	4.5	24.3	7.40	4.9	24.2	7.91	8.6	24.6
Health service	10.72	9.6	32.6	11.89	9.5	32.6	8.37	3.8	32.6
Health aides, except nursing	10.06	5.8	34.3	10.57	8.5	34.1	8.72	10.7	34.8
Nursing aides, orderlies and attendants	9.45	3.9	31.3	10.27	3.0	30.6	8.33	4.0	32.4
Cleaning and building service	10.39	14.0	32.4	10.56	15.4	32.6	9.29	3.4	30.9
Supervisors, cleaning and building service workers	16.06	10.1	38.4	16.09	10.0	38.4	—	—	—
Maids and housemen	7.71	6.7	28.2	7.64	6.6	28.7	8.64	7.8	23.2
Janitors and cleaners	10.31	3.5	33.1	10.51	3.6	33.3	9.35	4.0	32.2
Personal service	9.53	5.1	30.7	9.94	5.0	30.7	8.51	10.7	30.5

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 July 2002—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	\$9.95	9.4	33.7	\$9.66	9.5	34.6	—	—	—
Attendants, amusement, and recreation facilities	6.94	6.4	35.0	7.60	4.3	33.3	\$6.24	4.5	37.1
Ushers	7.16	2.1	15.3	7.16	2.1	15.3	—	—	—
Welfare service aides	9.49	10.5	30.4	8.72	10.3	32.3	—	—	—
Early childhood teachers' assistants	8.49	5.2	30.7	8.90	7.1	32.0	7.08	5.8	26.7
Child care workers, n.e.c.	10.92	12.2	26.3	9.25	3.6	22.4	—	—	—
Service, n.e.c.	9.48	4.5	30.1	9.92	4.5	33.2	7.92	4.1	22.7

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 Consolidated Metropolitan Statistical Area, which is comprised of parts of Missouri and Illinois.

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 metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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 July 2002

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	\$15.97	1.9	36.4	\$16.26	2.1	36.3	\$13.83	3.4	37.1
All, excluding sales	16.29	1.9	36.8	16.61	2.1	36.7	14.07	3.7	37.4
White collar	19.64	2.5	36.9	19.88	2.7	36.8	17.34	3.8	37.2
White collar, excluding sales	21.13	2.4	37.8	21.44	2.5	37.8	18.44	4.3	37.9
Professional specialty and technical	25.67	1.9	36.9	26.18	1.8	36.9	21.82	5.4	37.6
Professional specialty	27.57	2.2	37.0	27.94	2.3	37.0	24.55	5.4	37.7
Engineers, architects, and surveyors	31.36	2.8	40.4	31.39	2.8	40.4	29.75	6.9	41.4
Architects	24.08	9.5	40.0	24.08	9.5	40.0	—	—	—
Chemical engineers	35.52	8.7	41.4	35.52	8.7	41.4	—	—	—
Civil engineers	29.05	7.0	40.8	28.92	7.2	40.8	—	—	—
Electrical and electronic engineers	36.84	3.0	40.4	36.90	3.0	40.4	—	—	—
Industrial engineers	27.95	4.3	40.5	27.95	4.3	40.5	—	—	—
Mechanical engineers	29.44	3.4	39.6	29.65	3.6	39.5	—	—	—
Engineers, n.e.c.	34.52	10.4	40.6	34.71	10.9	40.6	—	—	—
Mathematical and computer scientists	31.16	.9	39.9	31.38	.8	39.9	25.67	9.4	40.2
Computer systems analysts and scientists	31.48	1.0	39.9	31.66	1.0	39.9	26.45	10.3	40.2
Statisticians	24.87	15.5	40.0	—	—	—	—	—	—
Natural scientists	24.27	6.5	40.6	24.76	6.5	40.7	—	—	—
Chemists, except biochemists	27.54	5.2	39.4	27.54	5.2	39.4	—	—	—
Physical scientists, n.e.c.	26.46	11.6	44.9	27.07	10.9	45.2	—	—	—
Biological and life scientists	21.18	6.0	39.7	20.80	5.4	39.7	—	—	—
Medical scientists	26.51	9.7	39.8	28.78	5.8	39.7	—	—	—
Health related	27.17	7.3	35.2	27.46	8.0	34.9	24.65	17.3	37.6
Physicians	54.97	5.6	42.6	55.02	4.9	42.7	—	—	—
Registered nurses	22.42	3.0	34.3	22.62	3.3	34.0	20.72	3.2	37.0
Pharmacists	36.16	1.5	32.4	36.39	1.4	32.2	—	—	—
Dietitians	18.96	3.5	38.7	18.96	3.5	38.7	—	—	—
Respiratory therapists	18.87	2.9	36.4	19.06	2.9	35.9	—	—	—
Occupational therapists	24.91	4.5	36.1	24.61	5.7	35.3	—	—	—
Physical therapists	31.52	6.3	28.5	31.52	6.3	28.5	—	—	—
Speech therapists	29.05	6.8	33.8	29.05	6.8	33.8	—	—	—
Therapists, n.e.c.	17.39	6.2	33.2	17.48	7.6	32.0	—	—	—
Physicians' assistants	31.14	5.1	40.0	31.14	5.1	40.0	—	—	—
Teachers, college and university	37.63	4.1	40.3	38.85	5.1	38.7	33.36	6.4	47.4
Biological science teachers	40.89	17.5	42.7	40.76	30.7	37.6	—	—	—
Chemistry teachers	31.29	6.1	50.1	—	—	—	—	—	—
Psychology teachers	36.58	21.2	39.9	36.58	21.2	39.9	—	—	—
Economics teachers	40.38	2.0	51.8	—	—	—	—	—	—
History teachers	32.73	7.2	40.4	32.73	7.2	40.4	—	—	—
Social science teachers, n.e.c.	35.96	20.2	37.0	35.96	20.2	37.0	—	—	—
Mathematical science teachers	36.76	15.3	32.5	38.14	19.0	30.2	—	—	—
Computer science teachers	30.49	10.4	32.1	33.55	12.7	29.6	—	—	—
Medical science teachers	43.17	9.6	52.3	43.17	9.6	52.3	—	—	—
Health specialties teachers	57.35	36.3	39.8	57.35	36.3	39.8	—	—	—
Business, commerce, and marketing teachers	51.67	16.5	40.1	51.67	16.5	40.1	—	—	—
Art, drama, and music teachers	24.44	6.4	35.4	24.44	6.4	35.4	—	—	—
Education teachers	35.84	18.8	38.6	35.84	18.8	38.6	—	—	—
English teachers	30.23	5.2	30.9	31.09	7.2	29.3	—	—	—
Foreign language teachers	18.80	18.5	44.8	32.44	7.3	31.0	—	—	—
Law teachers	59.47	30.0	34.5	59.47	30.0	34.5	—	—	—
Other post-secondary teachers	37.54	6.5	37.8	38.76	6.3	38.0	28.17	2.2	36.4
Teachers, except college and university	25.94	2.2	35.0	26.35	2.3	35.0	24.12	6.1	34.9
Prekindergarten and kindergarten	20.84	13.7	37.1	19.64	15.3	36.5	—	—	—
Elementary school teachers	26.47	1.5	37.0	26.87	1.0	37.0	24.45	7.0	37.0
Secondary school teachers	27.67	2.3	37.8	28.18	2.3	37.6	24.82	6.5	38.6
Teachers, special education	27.31	5.2	37.8	27.59	5.4	37.9	—	—	—
Teachers, n.e.c.	23.90	5.8	26.0	24.79	8.4	23.0	22.39	2.8	33.6
Substitute teachers	7.38	7.9	10.9	8.33	4.2	11.8	—	—	—
Vocational and educational counselors	26.64	8.2	37.0	25.48	8.0	36.6	—	—	—
Librarians, archivists, and curators	22.73	4.3	37.6	22.73	4.5	37.5	—	—	—
Librarians	22.73	4.3	37.8	22.73	4.5	37.7	—	—	—
Social scientists and urban planners	23.44	7.9	39.4	23.29	8.6	39.5	—	—	—
Economists	23.79	5.6	41.2	23.79	5.6	41.2	—	—	—

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 July 2002—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 scientists and urban planners—Continued									
Psychologists	\$27.15	7.2	36.7	\$26.82	9.4	36.4	—	—	—
Urban planners	22.24	9.9	39.9	25.20	3.9	39.9	—	—	—
Social, recreation, and religious workers	16.11	2.8	38.6	16.42	3.1	38.4	\$14.04	7.4	39.4
Social workers	16.17	2.9	38.7	16.47	3.2	38.6	14.20	8.5	39.7
Recreation workers	14.66	7.4	36.9	15.39	7.6	36.7	—	—	—
Clergy	14.53	14.1	36.8	14.53	14.1	36.8	—	—	—
Lawyers and judges	36.46	9.6	42.8	37.19	10.7	42.8	—	—	—
Lawyers	35.91	10.3	43.5	36.51	11.3	43.0	—	—	—
Judges	45.92	15.7	33.3	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.96	6.8	34.5	22.26	7.0	34.3	—	—	—
Technical writers	21.81	6.7	37.9	21.32	7.8	37.7	—	—	—
Designers	16.83	10.3	33.9	17.02	10.8	33.8	—	—	—
Actors and directors	19.87	20.0	28.3	19.87	20.0	28.3	—	—	—
Painters, sculptors, craft artists, and artist printmakers	19.70	11.8	39.4	19.70	11.8	39.4	—	—	—
Photographers	17.78	15.7	39.7	19.51	16.6	39.6	—	—	—
Editors and reporters	25.16	5.8	39.6	25.16	5.8	39.6	—	—	—
Public relations specialists	27.31	11.8	39.2	27.92	12.4	39.1	—	—	—
Athletes	21.44	16.9	21.5	21.44	16.9	21.5	—	—	—
Technical	19.15	2.5	36.5	19.90	2.7	36.4	14.67	5.8	37.3
Clinical laboratory technologists and technicians	16.26	6.0	36.4	15.95	7.0	36.3	19.95	6.1	37.2
Dental hygienists	25.69	13.5	26.6	25.69	13.5	26.7	—	—	—
Health record technologists and technicians	11.89	10.9	39.9	13.31	6.2	39.8	—	—	—
Radiological technicians	20.27	4.7	37.0	20.33	5.2	37.8	—	—	—
Licensed practical nurses	14.72	2.6	35.0	15.33	2.3	33.2	13.62	5.1	38.9
Health technologists and technicians, n.e.c.	14.43	3.7	36.2	14.77	4.3	36.5	12.98	2.7	34.8
Electrical and electronic technicians	21.25	1.5	39.7	21.42	1.5	39.7	—	—	—
Mechanical engineering technicians	18.01	6.9	40.2	18.07	7.3	40.0	—	—	—
Engineering technicians, n.e.c.	18.57	5.5	36.3	18.21	5.5	36.0	—	—	—
Drafters	16.57	6.1	40.4	16.56	6.3	40.5	—	—	—
Chemical technicians	17.68	8.4	40.0	19.18	12.1	39.9	—	—	—
Science technicians, n.e.c.	17.88	12.9	39.9	20.27	6.1	39.8	—	—	—
Airplane pilots and navigators	129.78	16.6	21.7	129.78	16.6	21.7	—	—	—
Broadcast equipment operators	10.59	21.0	33.0	10.59	21.0	33.0	—	—	—
Computer programmers	27.65	10.5	38.7	27.65	10.5	38.7	—	—	—
Legal assistants	16.76	4.2	34.7	16.90	4.6	34.6	—	—	—
Technical and related, n.e.c.	15.19	9.4	36.3	15.30	10.5	37.3	14.62	20.1	31.8
Executive, administrative, and managerial	29.57	5.7	40.4	29.68	6.1	40.5	28.14	3.3	39.9
Executives, administrators, and managers	32.89	6.7	40.9	33.01	7.2	41.0	31.40	4.8	39.9
Legislators	5.65	38.0	19.0	—	—	—	—	—	—
Chief executives and general administrators, public administration	40.95	7.2	38.6	43.26	7.1	38.1	—	—	—
Administrators and officials, public administration ...	29.28	6.6	39.6	30.04	8.2	39.6	23.65	9.6	39.9
Financial managers	28.12	6.4	40.3	28.23	6.9	40.2	26.22	6.1	41.8
Purchasing managers	29.25	12.0	40.3	33.33	9.6	40.5	—	—	—
Managers, marketing, advertising, and public relations	38.75	7.6	40.8	38.34	8.6	40.9	—	—	—
Administrators, education and related fields	35.53	5.0	39.8	34.87	5.5	40.1	37.77	8.9	38.9
Managers, medicine and health	31.61	11.1	40.7	31.61	11.1	40.7	—	—	—
Managers, food servicing and lodging establishments	18.77	5.2	41.1	19.03	5.4	41.2	—	—	—
Managers, properties and real estate	19.49	13.6	40.9	19.54	14.0	40.9	—	—	—
Managers, service organizations, n.e.c.	32.41	9.5	40.1	31.72	10.2	40.2	—	—	—
Managers and administrators, n.e.c.	35.75	12.1	41.7	36.04	12.4	41.7	29.84	16.7	41.8
Management related	23.29	3.9	39.7	23.48	4.2	39.6	20.54	3.7	39.9
Accountants and auditors	21.90	2.8	39.4	22.11	2.9	39.4	18.40	3.7	40.0
Underwriters	17.69	11.0	39.0	17.69	11.0	39.0	—	—	—

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 July 2002—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									
Other financial officers	\$26.72	9.4	39.7	\$26.53	10.2	39.6	\$29.00	5.4	41.0
Management analysts	27.96	13.0	40.2	28.00	13.0	40.2	—	—	—
Personnel, training, and labor relations specialists ..	26.27	6.0	39.5	26.50	6.2	39.4	—	—	—
Buyers, wholesale and retail trade, except farm products	31.56	42.9	34.0	33.26	49.4	33.1	—	—	—
Purchasing agents and buyers, n.e.c.	18.61	10.3	40.0	19.05	13.5	40.0	16.77	6.2	40.0
Construction inspectors	20.02	8.7	39.8	20.34	8.8	39.9	—	—	—
Inspectors and compliance officers, except construction	22.72	8.6	40.2	23.50	6.9	40.2	—	—	—
Management related, n.e.c.	21.23	3.8	39.8	21.22	3.9	39.9	21.51	1.2	38.6
Sales	12.99	4.0	33.2	13.23	4.1	33.2	9.36	5.3	32.7
Supervisors, sales	18.52	9.7	41.0	18.92	9.9	40.9	12.68	8.9	42.0
Insurance sales	14.09	10.7	40.0	14.52	11.3	40.2	—	—	—
Real estate sales	14.34	20.8	40.5	14.34	20.8	40.5	—	—	—
Securities and financial services sales	21.01	15.9	39.9	21.01	15.9	39.9	—	—	—
Advertising and related sales	20.86	12.4	38.3	22.00	12.5	38.2	—	—	—
Sales, other business services	20.10	7.8	39.1	20.31	8.0	39.1	—	—	—
Sales engineers	62.92	37.1	43.0	66.85	37.8	43.4	—	—	—
Sales representatives, mining, manufacturing, and wholesale	25.32	10.3	39.3	25.29	10.6	39.3	—	—	—
Sales workers, motor vehicles and boats	19.66	10.0	44.7	19.63	10.3	44.9	—	—	—
Sales workers, apparel	9.57	11.1	28.0	9.57	11.1	28.0	—	—	—
Sales workers, furniture and home furnishings	13.83	6.8	35.5	13.83	6.8	35.5	—	—	—
Sales workers, radio, tv, hi-fi, and appliances	9.55	16.0	38.6	—	—	—	—	—	—
Sales workers, hardware and building supplies	14.06	11.8	38.2	14.18	11.8	38.2	—	—	—
Sales workers, parts	13.85	11.4	38.0	14.03	12.0	37.9	—	—	—
Sales workers, other commodities	10.15	4.5	31.5	10.26	4.8	31.3	8.41	7.7	35.7
Sales counter clerks	7.70	9.6	31.8	7.71	9.8	32.0	—	—	—
Cashiers	7.38	2.0	28.4	7.44	2.0	28.5	6.93	4.8	28.0
Street and door-to-door sales workers	9.30	37.2	32.9	9.30	37.2	32.9	—	—	—
Demonstrators, promoters, and models, sales	13.42	16.7	33.3	13.42	16.7	33.3	—	—	—
Sales support, n.e.c.	16.01	8.2	34.7	16.01	8.2	34.7	—	—	—
Administrative support, including clerical	12.51	1.5	37.4	12.66	1.6	37.4	11.18	3.5	37.5
Supervisors, general office	17.24	3.2	40.1	17.39	3.5	40.1	—	—	—
Supervisors, computer equipment operators	19.43	14.3	40.3	17.92	24.9	40.4	—	—	—
Supervisors, financial records processing	19.58	4.1	39.8	20.21	4.4	40.1	—	—	—
Chief communications operators	21.76	7.5	40.0	21.76	7.5	40.0	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	21.42	7.4	40.4	22.03	7.9	40.5	—	—	—
Computer operators	14.30	5.6	40.0	14.19	5.6	40.0	—	—	—
Peripheral equipment operators	13.77	15.4	40.0	13.77	15.4	40.0	—	—	—
Secretaries	14.17	2.2	38.7	14.38	2.2	38.7	11.98	9.5	38.6
Stenographers	11.96	5.6	34.0	12.46	8.2	31.8	10.88	3.1	40.0
Typists	14.06	4.9	38.2	14.06	4.9	38.2	—	—	—
Interviewers	11.87	4.8	38.2	12.71	3.3	37.6	9.30	6.2	40.0
Hotel clerks	8.99	4.9	37.4	9.30	4.7	37.3	—	—	—
Transportation ticket and reservation agents	14.81	6.7	34.9	14.86	6.7	34.9	—	—	—
Receptionists	9.79	2.4	33.9	9.88	2.4	33.8	8.80	5.7	35.2
Information clerks, n.e.c.	11.58	4.9	37.7	11.59	4.9	37.7	—	—	—
Correspondence clerks	12.52	1.1	39.7	12.52	1.1	39.7	—	—	—
Order clerks	13.27	3.6	38.4	13.34	3.9	38.4	9.91	13.1	40.0
Personnel clerks, except payroll and timekeeping ...	13.21	4.3	39.0	13.70	5.4	38.5	—	—	—
Library clerks	10.63	3.8	32.3	10.85	3.3	30.7	10.27	8.4	35.3
File clerks	9.12	2.3	36.1	9.21	2.8	36.5	—	—	—
Records clerks, n.e.c.	12.34	3.5	37.3	12.27	3.7	38.0	13.08	6.4	30.9
Bookkeepers, accounting and auditing clerks	12.45	3.5	34.9	12.67	3.8	35.0	10.52	4.9	34.5
Payroll and timekeeping clerks	14.40	5.8	37.9	14.46	6.0	37.9	—	—	—
Billing clerks	10.57	4.2	39.8	10.50	4.1	39.8	—	—	—

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 July 2002–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									
Billing, posting, and calculating machine operators	\$10.99	2.7	36.1	\$11.14	2.7	36.9	–	–	–
Duplicating machine operators	9.54	3.3	39.9	9.54	3.3	39.9	–	–	–
Telephone operators	11.78	7.7	34.8	12.22	7.1	37.3	–	–	–
Communications equipment operators, n.e.c.	12.84	5.8	35.2	12.50	6.7	34.5	–	–	–
Mail clerks, except postal service	11.05	5.9	35.1	11.05	5.9	35.1	–	–	–
Messengers	9.46	6.1	31.5	9.64	5.9	31.8	–	–	–
Dispatchers	14.07	6.7	41.1	13.77	6.7	40.8	\$15.59	13.2	42.3
Production coordinators	15.12	9.3	39.8	15.09	10.7	39.7	–	–	–
Traffic, shipping and receiving clerks	11.55	4.7	39.1	11.46	4.8	39.0	–	–	–
Stock and inventory clerks	11.97	1.2	39.0	11.95	1.2	39.0	12.26	7.2	40.0
Meter readers	13.06	6.5	39.9	13.23	7.8	39.9	–	–	–
Weighers, measurers, checkers, and samplers	14.32	8.5	40.0	14.38	8.8	40.0	–	–	–
Expeditors	13.80	9.8	37.7	13.82	10.2	37.6	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	10.39	7.0	38.9	10.08	6.6	38.7	–	–	–
Insurance adjusters, examiners, and investigators	16.62	7.9	39.3	16.62	7.9	39.3	–	–	–
Investigators and adjusters, except insurance	13.69	5.9	39.2	13.92	6.0	39.2	–	–	–
Eligibility clerks, social welfare	13.82	6.1	39.7	14.36	6.5	39.6	–	–	–
Bill and account collectors	13.03	2.8	37.0	13.08	3.0	36.8	–	–	–
General office clerks	11.80	1.7	37.6	11.90	1.8	37.5	11.03	3.9	37.8
Bank tellers	10.08	.9	35.3	10.10	.8	35.3	8.86	5.5	37.0
Proofreaders	13.84	4.2	37.0	13.84	4.2	37.0	–	–	–
Data entry keyers	11.23	2.6	32.9	11.17	2.5	32.5	–	–	–
Statistical clerks	13.16	7.8	39.7	13.68	7.6	39.6	–	–	–
Teachers' aides	9.82	1.8	35.7	9.91	2.1	34.2	9.70	3.3	37.8
Administrative support, n.e.c.	12.85	3.4	38.3	13.03	3.6	38.4	11.01	10.6	37.6
Blue collar	13.31	2.0	38.3	13.44	1.9	38.2	12.56	7.7	38.7
Precision production, craft, and repair									
Supervisors, mechanics and repairers	23.62	7.8	40.8	23.63	8.2	40.9	–	–	–
Automobile mechanics	17.22	4.6	40.6	17.68	5.2	40.8	12.75	11.1	38.9
Bus, truck, and stationary engine mechanics	15.99	2.5	39.8	16.23	2.7	39.8	–	–	–
Aircraft engine mechanics	25.49	6.1	40.0	25.49	6.1	40.0	–	–	–
Automobile body and related repairers	18.57	22.0	40.0	18.79	22.6	40.5	–	–	–
Heavy equipment mechanics	14.82	3.5	38.6	15.34	3.4	38.3	–	–	–
Industrial machinery repairers	18.89	4.7	39.8	17.75	2.9	39.6	21.08	8.5	40.0
Machinery maintenance	16.94	7.6	39.9	15.78	7.7	39.8	–	–	–
Electronic repairers, communications and industrial equipment	17.88	9.1	33.5	17.80	9.2	33.4	–	–	–
Data processing equipment repairers	20.71	9.2	40.0	20.71	9.2	40.0	–	–	–
Household appliance and power tool repairers	12.06	7.2	40.0	12.70	6.4	40.0	–	–	–
Telephone line installers and repairers	22.60	2.4	40.0	23.31	1.6	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	15.34	4.5	39.9	15.40	4.5	39.9	–	–	–
Mechanical controls and valve repairers	17.22	8.4	40.0	16.74	8.4	40.0	–	–	–
Millwrights	19.21	14.2	40.0	19.03	14.7	40.0	–	–	–
Mechanics and repairers, n.e.c.	15.80	3.9	38.6	16.32	2.5	38.5	12.86	12.6	39.2
Supervisors, carpenters and related workers	24.82	9.1	37.3	24.82	9.1	37.3	–	–	–
Supervisors, electricians and power transmission installers	23.77	7.7	40.0	23.77	7.7	40.0	–	–	–
Supervisors, construction trades, n.e.c.	20.12	4.1	40.9	20.52	4.1	41.0	–	–	–
Carpenters	15.46	3.6	40.0	15.34	3.4	40.0	15.93	12.9	40.0
Drywall installers	14.65	3.3	40.0	14.65	3.3	40.0	–	–	–
Electricians	16.39	9.2	39.7	16.33	11.0	39.6	16.70	9.1	40.0
Electrician apprentices	15.46	13.8	40.0	15.55	13.9	40.0	–	–	–
Electrical power installers and repairers	19.57	4.9	40.0	20.44	6.4	40.0	–	–	–
Painters, construction and maintenance	11.91	4.8	40.0	11.83	5.0	40.0	–	–	–
Plumbers, pipefitters and steamfitters	17.26	4.1	40.0	17.35	4.3	40.0	–	–	–
Plumber, pipefitter, and steamfitter apprentices	11.50	4.7	40.0	11.50	4.7	40.0	–	–	–
Insulation workers	13.70	8.7	40.0	13.70	8.7	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 July 2002—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									
Paving, surfacing, and tamping equipment operators	\$12.03	4.7	40.0	\$11.58	1.9	40.0	—	—	—
Sheetmetal duct installers	14.93	6.7	40.0	14.93	6.7	40.0	—	—	—
Construction trades, n.e.c.	13.05	5.6	40.0	13.54	6.9	40.0	\$12.05	4.6	40.0
Supervisors, production	18.86	5.6	40.8	20.25	4.2	41.2	15.79	15.1	40.1
Tool and die makers	18.74	5.0	40.0	18.74	5.0	40.0	—	—	—
Precision assemblers, metal	18.81	6.3	40.0	18.82	7.1	40.0	—	—	—
Machinists	18.16	5.0	39.8	18.98	2.2	39.8	—	—	—
Sheet metal workers	12.89	3.9	40.0	12.71	4.1	40.0	—	—	—
Furniture and wood finishers	11.95	3.5	40.0	11.95	3.5	40.0	—	—	—
Upholsterers	16.57	19.1	40.0	16.57	19.1	40.0	—	—	—
Optical goods workers	10.76	17.4	39.1	10.76	17.4	39.1	—	—	—
Electrical and electronic equipment assemblers	11.93	5.8	39.4	11.69	7.5	39.3	—	—	—
Miscellaneous precision workers, n.e.c.	16.12	4.4	39.9	15.31	7.5	39.8	—	—	—
Butchers and meat cutters	9.98	8.4	39.5	10.67	7.0	39.2	—	—	—
Bakers	9.82	4.2	34.0	9.82	4.2	34.0	—	—	—
Food batchmakers	12.57	10.7	42.1	12.57	10.7	42.1	—	—	—
Inspectors, testers, and graders	16.41	8.6	39.8	17.13	9.1	40.0	—	—	—
Precision inspectors, testers, and related workers, n.e.c.	22.42	6.8	40.0	22.42	6.8	40.0	—	—	—
Water and sewer treatment plant operators	15.42	4.6	39.9	15.64	4.6	39.9	—	—	—
Power plant operators	24.36	9.8	40.0	22.15	9.1	40.0	—	—	—
Stationary engineers	19.47	6.2	40.0	19.47	6.2	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	18.04	11.6	39.3	18.04	11.6	39.3	—	—	—
Machine operators, assemblers, and inspectors	12.31	2.8	39.5	12.40	2.4	39.5	11.92	10.7	39.8
Lathe and turning machine operators	11.16	8.9	40.0	11.14	9.1	40.0	—	—	—
Punching and stamping press operators	11.82	10.1	40.0	11.89	10.9	40.0	—	—	—
Rolling machine operators	—	—	—	12.58	11.0	40.0	—	—	—
Drilling and boring machine operators	11.24	7.4	40.0	11.22	7.8	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	10.46	5.6	40.0	10.64	6.0	40.0	—	—	—
Numerical control machine operators	13.07	8.6	39.9	13.07	8.6	39.9	—	—	—
Fabricating machine operators, n.e.c.	13.13	3.8	38.9	13.37	3.9	38.8	11.53	19.7	40.0
Molding and casting machine operators	13.30	16.1	39.9	14.58	13.1	39.9	—	—	—
Wood lathe, routing, and planing machine operators	12.10	2.9	40.0	12.10	2.9	40.0	—	—	—
Sawing machine operators	12.15	4.1	39.1	12.11	4.2	39.1	—	—	—
Shaping and jointing machine operators	11.74	2.2	39.9	11.74	2.2	39.9	—	—	—
Printing press operators	17.30	3.9	38.8	17.50	3.8	38.8	—	—	—
Photoengravers and lithographers	14.84	8.7	39.9	16.02	6.8	39.8	—	—	—
Typesetters and compositors	14.23	11.1	39.4	14.23	11.1	39.4	—	—	—
Winding and twisting machine operators	13.32	10.4	39.8	11.08	2.7	39.8	—	—	—
Knitting, looping, taping, and weaving machine operators	11.56	5.5	40.0	11.59	6.7	40.0	11.47	2.2	40.0
Textile cutting machine operators	10.35	7.5	39.9	10.48	7.4	39.9	—	—	—
Textile sewing machine operators	9.85	11.6	39.3	10.02	11.3	39.3	—	—	—
Pressing machine operators	8.54	6.4	38.5	8.86	6.0	38.3	—	—	—
Laundry and dry cleaning machine operators	8.02	5.2	38.9	8.00	5.6	39.3	—	—	—
Packaging and filling machine operators	12.08	7.4	39.5	13.10	6.8	39.1	10.68	18.3	40.0
Extruding and forming machine operators	14.21	3.2	39.0	13.70	2.3	38.8	—	—	—
Mixing and blending machine operators	13.71	6.7	39.7	13.81	7.1	39.6	—	—	—
Separating, filtering, and clarifying machine operators	17.45	4.1	39.7	17.79	4.6	39.6	—	—	—
Compressing and compacting machine operators ..	11.04	8.8	39.9	11.04	8.8	39.9	—	—	—
Painting and paint spraying machine operators	17.27	19.4	40.3	17.47	20.0	40.3	—	—	—
Folding machine operators	11.00	3.1	39.9	11.00	3.1	39.9	—	—	—
Furnace, kiln, and oven operators, except food	16.44	12.0	39.9	16.64	14.3	39.8	—	—	—
Crushing and grinding machine operators	13.94	13.2	39.8	12.22	12.9	39.7	—	—	—
Slicing and cutting machine operators	13.01	5.2	39.5	13.15	5.1	40.0	—	—	—
Photographic process machine operators	9.22	11.6	30.4	9.22	11.6	30.4	—	—	—

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 July 2002–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									
Miscellaneous machine operators, n.e.c.	\$13.62	5.8	39.4	\$13.24	5.3	39.2	\$15.32	16.8	40.0
Welders and cutters	15.08	5.0	39.9	15.22	4.8	39.9	14.23	20.9	40.0
Assemblers	11.35	5.4	39.8	12.18	5.5	39.7	–	–	–
Hand cutting and trimming	13.50	6.2	40.0	13.60	5.8	40.0	–	–	–
Miscellaneous hand working, n.e.c.	12.26	6.2	40.0	11.62	3.5	40.0	–	–	–
Production inspectors, checkers and examiners	10.65	5.3	39.3	10.65	5.5	39.2	10.74	20.8	39.9
Production testers	12.58	18.3	39.9	12.92	19.6	39.9	–	–	–
Graders and sorters, except agricultural	8.70	13.1	39.6	8.65	14.9	39.5	–	–	–
Hand inspectors, n.e.c.	9.53	9.2	39.9	9.53	9.2	39.9	–	–	–
Transportation and material moving	13.15	4.4	37.4	13.22	4.9	37.5	12.64	5.8	36.6
Supervisors, motor vehicle operators	18.10	9.0	40.9	17.64	9.5	41.4	–	–	–
Truck drivers	13.82	6.5	39.8	13.75	7.3	39.6	14.67	18.8	42.4
Driver-sales workers	11.64	5.6	37.1	11.55	5.8	37.0	–	–	–
Bus drivers	12.87	3.7	26.8	13.48	1.8	28.7	10.04	16.8	20.4
Taxicab drivers and chauffeurs	6.90	7.7	34.5	6.95	8.0	34.3	–	–	–
Parking lot attendants	6.82	6.0	30.1	6.82	6.0	30.1	–	–	–
Supervisors, material moving equipment	16.16	17.2	40.0	16.16	17.2	40.0	–	–	–
Operating engineers	16.59	7.8	40.0	17.22	7.3	40.0	–	–	–
Crane and tower operators	15.48	7.8	40.0	15.48	7.8	40.0	–	–	–
Excavating and loading machine operators	13.48	5.7	40.0	13.94	7.9	40.0	–	–	–
Grader, dozer, and scraper operators	12.46	4.5	39.9	12.60	5.3	39.9	–	–	–
Industrial truck and tractor equipment operators	12.34	5.2	39.5	12.48	5.0	39.3	11.96	15.4	40.0
Miscellaneous material moving equipment operators, n.e.c.	14.89	12.6	39.4	15.87	13.5	39.3	11.08	5.0	40.0
Handlers, equipment cleaners, helpers, and laborers ...	10.00	1.6	36.1	10.08	.9	36.0	9.45	9.5	36.9
Supervisors, agriculture-related workers	17.23	13.0	41.6	19.33	10.3	40.6	–	–	–
Groundskeepers and gardeners, except farm	10.10	5.6	38.5	10.38	6.5	38.4	9.30	5.8	38.7
Animal caretakers, except farm	11.46	7.0	39.3	–	–	–	–	–	–
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.57	4.4	40.3	17.87	4.7	40.3	–	–	–
Helpers, mechanics and repairers	10.46	6.7	39.1	10.57	7.3	39.0	–	–	–
Helpers, construction trades	10.74	6.4	39.9	10.84	7.0	39.9	10.09	4.5	40.0
Construction laborers	9.94	2.4	37.7	9.96	2.5	37.6	–	–	–
Production helpers	11.31	7.0	39.6	10.80	6.5	39.5	–	–	–
Garbage collectors	11.34	5.7	39.6	11.54	6.1	39.5	–	–	–
Stock handlers and baggers	9.15	3.4	30.4	9.09	3.4	30.3	9.50	11.5	30.9
Machine feeders and offbearers	9.97	2.2	39.6	9.94	2.3	39.6	–	–	–
Freight, stock, and material handlers, n.e.c.	10.30	3.9	34.8	10.42	3.4	34.6	9.05	12.5	36.7
Garage and service station related	9.17	15.0	40.1	9.17	15.0	40.1	–	–	–
Vehicle washers and equipment cleaners	8.99	4.0	37.3	9.19	2.9	37.5	6.78	4.1	35.0
Hand packers and packagers	8.88	4.2	36.2	9.02	4.9	35.4	8.29	8.1	40.0
Laborers, except construction, n.e.c.	9.71	4.6	38.1	9.65	4.0	38.1	10.34	32.5	37.8
Service	9.56	1.4	32.5	9.60	1.4	32.2	9.33	7.4	34.6
Protective service	14.15	2.1	37.1	14.51	2.6	36.5	12.80	1.7	39.4
Supervisors, firefighters and fire prevention	23.44	6.7	48.8	23.44	6.7	48.8	–	–	–
Supervisors, police and detectives	23.98	5.1	40.4	25.13	5.2	40.3	–	–	–
Supervisors, guards	14.23	8.4	36.3	14.06	8.4	36.3	–	–	–
Fire inspection and fire prevention	15.79	10.8	47.3	15.79	10.8	47.3	–	–	–
Firefighting	14.60	3.9	47.7	14.66	4.0	47.9	–	–	–
Police and detectives, public service	19.14	1.5	40.2	19.38	1.3	40.2	15.47	8.2	39.5
Sheriffs, bailiffs, and other law enforcement officers	15.16	2.6	39.9	16.26	2.9	39.7	11.64	1.0	40.6
Correctional institution officers	13.51	4.1	40.0	14.84	2.9	40.0	12.73	1.2	40.0
Crossing guards	9.38	7.9	19.1	9.60	8.2	20.5	–	–	–
Guards and police, except public service	9.58	3.6	31.2	9.55	3.7	31.2	10.63	12.9	29.8
Protective service, n.e.c.	12.58	10.4	32.6	12.53	11.2	32.2	–	–	–
Food service	7.00	2.6	29.5	6.94	2.8	29.4	7.38	3.3	30.9

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 July 2002—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	\$3.83	3.4	27.3	\$3.81	3.6	27.0	\$4.14	6.7	31.5
Bartenders	4.74	6.1	28.5	4.70	6.4	28.7	—	—	—
Waiters and waitresses	3.17	5.6	26.6	3.16	5.9	26.5	3.24	4.1	29.6
Waiters/Waitresses' assistants	5.84	4.9	28.9	5.97	5.3	27.7	—	—	—
Other food service	8.20	1.8	30.5	8.27	2.0	30.5	7.87	3.8	30.8
Supervisors, food preparation and service	11.59	5.1	40.3	11.66	5.8	40.6	11.07	5.9	38.3
Cooks	8.80	3.1	33.9	8.97	3.3	33.8	8.12	5.4	34.4
Kitchen workers, food preparation	7.42	5.2	30.3	7.35	6.0	30.0	7.75	3.3	31.5
Food preparation, n.e.c.	7.47	2.0	28.1	7.46	2.0	28.3	7.55	7.9	26.7
Health service	9.70	2.4	35.0	9.99	2.4	34.8	8.46	6.1	35.7
Dental assistants	14.95	11.1	35.0	14.95	11.2	35.0	—	—	—
Health aides, except nursing	10.15	3.4	35.4	10.26	3.7	34.9	9.39	8.5	39.3
Nursing aides, orderlies and attendants	9.05	2.2	34.7	9.34	1.6	34.7	8.14	5.5	34.6
Cleaning and building service	9.01	2.2	34.5	9.11	2.4	34.3	8.32	2.7	36.1
Supervisors, cleaning and building service workers	14.18	10.4	39.7	14.11	11.3	39.7	—	—	—
Maids and housemen	7.99	3.3	37.3	8.11	4.0	37.8	7.27	4.4	34.5
Janitors and cleaners	8.95	2.1	32.9	9.02	2.3	32.4	8.44	2.5	36.6
Personal service	10.38	4.1	30.7	10.49	4.3	30.7	8.84	7.0	30.2
Supervisors, personal service	13.95	5.4	38.6	13.96	5.4	38.6	—	—	—
Hairdressers and cosmetologists	12.39	12.1	28.2	12.41	12.5	28.0	—	—	—
Attendants, amusement, and recreation facilities	7.98	3.9	25.6	8.10	3.8	27.4	—	—	—
Guides	10.54	7.5	33.5	10.54	7.5	33.5	—	—	—
Ushers	8.90	2.4	31.3	8.90	2.4	31.3	—	—	—
Public transportation attendants	34.96	9.5	20.3	34.96	9.5	20.3	—	—	—
Baggage porters and bellhops	5.72	6.5	37.3	5.72	6.5	37.3	—	—	—
Welfare service aides	9.90	7.1	30.7	9.99	8.2	30.6	9.26	4.8	31.5
Early childhood teachers' assistants	7.89	6.4	32.8	7.65	5.9	32.2	8.98	13.1	35.6
Child care workers, n.e.c.	8.21	3.1	30.9	8.21	3.1	30.9	—	—	—
Service, n.e.c.	10.26	12.5	33.8	10.39	12.9	34.4	8.03	21.9	26.4

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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. East South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002

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	\$14.19	5.0	37.1	\$15.06	4.0	36.5	\$12.37	11.5	38.5
All, excluding sales	14.10	4.6	37.4	14.92	2.1	36.8	12.47	12.3	38.5
White collar	17.74	5.1	37.0	18.10	6.1	36.6	16.47	6.1	38.6
White collar, excluding sales	18.51	2.3	37.7	18.65	2.7	37.4	18.04	4.7	38.9
Professional specialty and technical	22.33	3.2	37.1	23.20	3.6	36.8	19.94	6.6	37.9
Professional specialty	24.66	2.6	37.1	25.52	3.3	37.0	22.25	3.2	37.2
Engineers, architects, and surveyors	30.02	4.2	40.8	29.94	4.5	40.8	-	-	-
Aerospace engineers	36.07	11.7	35.9	36.07	11.7	35.9	-	-	-
Civil engineers	23.40	8.9	40.8	23.40	8.9	40.8	-	-	-
Electrical and electronic engineers	32.30	6.3	41.0	32.30	6.3	41.0	-	-	-
Industrial engineers	29.89	3.6	41.4	29.89	3.6	41.4	-	-	-
Mechanical engineers	26.40	11.5	42.1	26.06	12.3	42.3	-	-	-
Engineers, n.e.c.	32.08	5.8	40.7	32.05	6.4	40.8	-	-	-
Mathematical and computer scientists	30.17	9.9	40.2	31.64	9.7	40.3	-	-	-
Computer systems analysts and scientists	30.27	10.1	40.3	31.90	9.7	40.4	-	-	-
Natural scientists	22.34	7.4	39.8	25.00	3.7	39.7	-	-	-
Health related	22.19	1.1	35.7	22.87	1.0	34.8	20.31	5.2	38.5
Physicians	27.16	23.1	26.9	27.16	23.1	26.9	-	-	-
Registered nurses	21.36	2.2	35.8	22.24	2.2	35.1	18.66	4.1	38.1
Pharmacists	34.66	5.6	39.7	38.03	1.9	39.4	-	-	-
Respiratory therapists	19.42	7.1	40.0	17.38	1.0	40.0	-	-	-
Physical therapists	25.66	1.5	25.7	25.53	1.4	25.7	-	-	-
Therapists, n.e.c.	15.23	3.8	39.5	15.03	3.3	39.5	-	-	-
Teachers, college and university	31.64	4.8	36.9	32.53	6.6	38.1	25.87	9.5	31.0
Business, commerce, and marketing teachers	-	-	-	26.73	17.4	34.1	-	-	-
Art, drama, and music teachers	-	-	-	29.92	13.4	38.2	-	-	-
Theology teachers	31.27	14.0	38.7	35.57	13.9	37.7	-	-	-
Other post-secondary teachers	27.60	4.6	38.1	28.50	3.6	38.1	22.42	6.1	37.6
Teachers, except college and university	25.43	9.4	36.8	27.39	15.8	36.5	23.20	5.7	37.2
Elementary school teachers	25.08	4.8	37.4	27.53	6.6	36.2	23.29	5.7	38.4
Secondary school teachers	25.81	7.2	36.3	28.60	9.3	35.9	23.12	11.1	36.8
Teachers, special education	25.29	5.9	36.5	27.49	3.6	35.4	-	-	-
Teachers, n.e.c.	27.21	13.9	37.1	28.44	14.9	36.6	-	-	-
Vocational and educational counselors	32.37	15.5	39.0	39.48	9.9	39.4	-	-	-
Librarians, archivists, and curators	24.68	11.2	35.3	24.68	11.2	35.3	-	-	-
Librarians	24.69	11.2	35.3	24.69	11.2	35.3	-	-	-
Social scientists and urban planners	-	-	-	-	-	-	-	-	-
Social, recreation, and religious workers	13.18	9.1	39.7	13.06	10.1	39.7	14.37	7.9	39.5
Social workers	13.04	9.1	39.7	12.89	10.1	39.7	14.37	7.9	39.5
Lawyers and judges	38.71	14.2	34.0	39.64	15.2	42.4	-	-	-
Lawyers	38.71	14.2	34.0	39.64	15.2	42.4	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.11	7.1	39.9	22.19	7.2	39.9	-	-	-
Editors and reporters	21.58	10.0	40.5	21.58	10.0	40.5	-	-	-
Public relations specialists	16.89	2.6	39.9	16.89	2.6	39.9	-	-	-
Technical	16.17	5.4	37.3	16.89	7.3	36.3	14.36	7.7	39.9
Clinical laboratory technologists and technicians	16.92	8.9	38.4	18.56	3.9	38.1	-	-	-
Radiological technicians	16.00	7.0	37.9	16.96	4.1	37.7	-	-	-
Licensed practical nurses	13.18	4.1	35.8	13.22	4.5	35.9	13.06	10.2	35.2
Health technologists and technicians, n.e.c.	11.88	10.2	39.1	11.72	11.4	39.0	-	-	-
Electrical and electronic technicians	-	-	-	18.68	7.6	40.1	-	-	-
Engineering technicians, n.e.c.	19.13	3.3	39.7	19.26	2.8	39.8	-	-	-
Chemical technicians	19.25	12.0	39.6	19.25	12.0	39.6	-	-	-
Science technicians, n.e.c.	-	-	-	20.48	10.5	39.8	-	-	-
Broadcast equipment operators	10.54	4	36.3	-	-	-	-	-	-
Computer programmers	20.75	10.8	40.0	20.75	10.8	40.0	-	-	-
Legal assistants	13.29	9.8	39.8	15.17	2.7	39.5	-	-	-
Technical and related, n.e.c.	16.24	4.5	39.6	16.24	4.5	39.6	-	-	-
Executive, administrative, and managerial	26.15	3.0	40.7	26.84	2.9	40.8	24.18	10.8	40.5
Executives, administrators, and managers	27.06	5.2	40.9	27.55	6.4	41.3	25.78	8.5	40.0
Legislators	20.31	21.7	10.5	16.42	19.2	23.7	-	-	-
Administrators and officials, public administration	29.09	11.0	39.9	31.10	4.4	39.3	-	-	-

See footnotes at end of table.

TABLE 4-10. East South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002–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									
Executives, administrators, and managers –Continued									
Financial managers	\$24.07	10.4	41.7	\$25.49	10.1	42.3	\$19.45	25.1	40.0
Purchasing managers	26.84	7.5	40.0	24.69	2.0	40.0	–	–	–
Managers, marketing, advertising, and public relations	29.48	9.5	45.1	29.48	9.5	45.1	–	–	–
Administrators, education and related fields	21.08	27.8	41.5	19.97	40.1	43.5	23.67	8.0	37.4
Managers, medicine and health	28.55	9.1	40.6	30.89	6.3	40.0	–	–	–
Managers, food servicing and lodging establishments	19.64	16.0	46.7	20.04	16.9	47.3	–	–	–
Managers and administrators, n.e.c.	30.40	6.4	40.8	29.30	6.4	40.3	34.88	9.0	43.1
Management related	24.37	6.3	40.2	25.55	5.3	39.8	–	–	–
Accountants and auditors	18.55	14.0	39.4	21.82	8.4	39.0	–	–	–
Other financial officers	26.93	17.2	39.6	23.31	3.8	39.6	–	–	–
Management analysts	33.35	4.6	40.1	33.35	4.6	40.1	–	–	–
Personnel, training, and labor relations specialists ..	26.97	11.8	39.9	27.08	12.5	39.9	–	–	–
Buyers, wholesale and retail trade, except farm products	26.69	7.0	40.0	25.26	7.1	40.0	–	–	–
Inspectors and compliance officers, except construction	–	–	–	16.61	9.1	39.0	–	–	–
Management related, n.e.c.	22.07	14.5	40.2	21.88	16.3	40.2	–	–	–
Sales									
Supervisors, sales	15.01	17.6	34.7	16.16	20.3	33.9	11.09	6.8	37.6
Supervisors, sales	15.73	12.1	41.6	15.88	15.5	41.7	–	–	–
Insurance sales	14.27	14.5	41.1	–	–	–	–	–	–
Advertising and related sales	16.22	32.3	39.5	–	–	–	–	–	–
Sales, other business services	26.23	22.3	35.9	26.51	23.3	35.8	–	–	–
Sales representatives, mining, manufacturing, and wholesale	19.50	3.2	40.7	19.30	3.5	40.8	–	–	–
Sales workers, motor vehicles and boats	16.95	13.5	45.1	18.00	11.9	45.1	–	–	–
Sales workers, apparel	12.17	12.1	26.8	12.58	12.4	27.6	–	–	–
Sales workers, hardware and building supplies	18.63	38.7	38.1	18.63	38.7	38.1	–	–	–
Sales workers, other commodities	10.96	13.9	33.1	11.24	16.5	33.6	–	–	–
Sales counter clerks	7.10	3.9	29.5	–	–	–	–	–	–
Cashiers	8.03	10.9	33.9	7.03	4.6	31.8	9.41	14.1	37.2
Administrative support, including clerical									
Supervisors, general office	11.95	2.2	37.1	12.10	2.3	36.7	11.13	7.5	39.3
Supervisors, general office	15.77	16.9	39.6	15.82	17.6	39.2	–	–	–
Supervisors, financial records processing	18.20	2.8	39.9	18.20	2.8	39.9	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	13.57	14.9	41.4	13.24	15.7	41.2	–	–	–
Computer operators	14.21	6.3	39.4	14.21	6.3	39.4	–	–	–
Secretaries	12.97	4.7	38.5	13.11	4.3	38.5	11.93	14.7	38.7
Typists	10.95	9.2	35.6	–	–	–	–	–	–
Hotel clerks	7.81	5.9	36.2	7.82	6.1	36.2	–	–	–
Transportation ticket and reservation agents	16.00	16.6	35.7	16.00	16.6	35.7	–	–	–
Receptionists	10.74	2.4	34.7	10.79	2.1	35.4	–	–	–
Information clerks, n.e.c.	8.84	2.5	37.5	8.84	2.5	37.5	–	–	–
Order clerks	10.25	3.6	38.3	10.62	3.0	36.3	9.97	4.5	40.0
Personnel clerks, except payroll and timekeeping ...	12.65	3.2	40.0	12.63	3.4	40.0	–	–	–
Library clerks	8.99	7.4	32.9	9.71	10.5	29.1	–	–	–
File clerks	10.43	6.8	38.0	10.43	6.8	38.0	–	–	–
Records clerks, n.e.c.	12.53	7.6	38.8	12.73	7.9	38.7	–	–	–
Bookkeepers, accounting and auditing clerks	12.38	3.2	38.9	12.55	2.9	38.7	11.83	7.8	39.9
Payroll and timekeeping clerks	12.92	5.7	40.0	12.92	5.7	40.0	–	–	–
Billing clerks	11.65	2.3	24.3	11.67	2.3	24.0	–	–	–
Telephone operators	10.23	9.4	30.5	10.23	9.4	30.5	–	–	–
Mail clerks, except postal service	9.43	11.6	31.4	9.75	12.7	30.9	–	–	–
Dispatchers	12.79	6.9	36.9	14.33	1.9	40.0	–	–	–
Production coordinators	15.90	8.7	40.0	16.06	9.8	40.0	–	–	–
Traffic, shipping and receiving clerks	14.07	11.9	31.0	–	–	–	–	–	–

See footnotes at end of table.

TABLE 4-10. East South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002—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	\$11.66	6.1	37.9	\$11.74	6.5	37.7	—	—	—
Meter readers	14.45	7.8	40.0	14.45	7.8	40.0	—	—	—
Investigators and adjusters, except insurance	15.17	6.7	39.8	15.23	6.8	39.8	—	—	—
Eligibility clerks, social welfare	10.91	4.2	39.5	11.15	3.9	39.8	—	—	—
General office clerks	10.68	5.2	37.5	10.65	5.9	37.2	\$10.90	8.7	39.8
Bank tellers	9.81	6.4	37.2	10.10	7.0	37.2	8.12	13.8	37.2
Data entry keyers	10.64	3.8	39.7	10.56	3.9	39.7	—	—	—
Teachers' aides	9.16	5.3	36.4	9.18	4.5	36.1	—	—	—
Administrative support, n.e.c.	11.20	5.0	35.9	11.94	5.3	34.4	9.38	5.5	40.0
Blue collar	12.96	4.1	38.7	12.88	2.8	38.4	13.14	11.2	39.3
Precision production, craft, and repair									
Supervisors, mechanics and repairers	17.82	14.8	40.2	18.16	15.7	40.2	—	—	—
Automobile mechanics	11.89	9.3	40.2	12.02	10.0	40.2	—	—	—
Bus, truck, and stationary engine mechanics	14.67	11.2	40.2	14.99	11.0	40.2	—	—	—
Heavy equipment mechanics	17.44	5.8	40.0	16.99	6.8	40.0	—	—	—
Industrial machinery repairers	19.58	8.2	39.9	20.57	5.5	39.8	18.72	14.7	40.0
Machinery maintenance	—	—	—	—	—	—	12.49	2.2	40.0
Electronic repairers, communications and industrial equipment	19.09	14.0	40.0	15.30	4.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	13.64	7.1	39.9	14.33	10.0	39.8	12.73	2.9	40.0
Supervisors, electricians and power transmission installers	26.49	6.7	40.0	26.97	7.9	40.1	—	—	—
Supervisors, construction trades, n.e.c.	18.93	8.1	41.1	22.30	5.5	42.5	—	—	—
Carpenters	14.30	9.4	40.0	13.45	1.3	40.0	—	—	—
Electricians	17.35	12.5	40.0	17.34	13.4	40.0	—	—	—
Electrician apprentices	11.54	4.2	40.0	—	—	—	—	—	—
Electrical power installers and repairers	21.66	9.7	40.0	20.96	11.9	40.0	—	—	—
Plumbers, pipefitters and steamfitters	18.00	11.6	40.0	18.00	11.6	40.0	—	—	—
Structural metal workers	13.40	3.8	40.0	13.63	3.3	40.0	—	—	—
Supervisors, production	18.04	4.7	40.2	18.73	6.3	40.3	17.03	5.8	40.0
Tool and die makers	19.95	6.9	40.0	19.95	6.9	40.0	—	—	—
Electrical and electronic equipment assemblers	10.78	8.0	38.5	10.75	11.8	37.9	—	—	—
Miscellaneous precision workers, n.e.c.	11.82	8.2	40.0	—	—	—	11.74	13.2	40.0
Butchers and meat cutters	10.77	8.7	38.5	11.37	9.0	37.8	—	—	—
Inspectors, testers, and graders	14.29	13.0	40.7	16.77	13.6	41.3	—	—	—
Water and sewer treatment plant operators	14.03	8.4	40.0	15.75	1.8	40.0	—	—	—
Power plant operators	22.92	5.8	40.0	21.82	9.0	40.0	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine operators	17.36	9.4	40.0	17.44	13.7	40.0	—	—	—
Punching and stamping press operators	11.43	5.0	40.0	10.99	3.1	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.70	26.5	40.0	12.86	32.3	40.0	—	—	—
Fabricating machine operators, n.e.c.	11.26	7.8	37.1	11.58	3.6	36.3	—	—	—
Molding and casting machine operators	10.06	5.7	39.7	9.82	5.1	39.6	—	—	—
Sawing machine operators	9.68	9.4	40.0	—	—	—	9.66	9.8	40.0
Printing press operators	16.22	10.5	39.4	16.22	10.5	39.4	—	—	—
Winding and twisting machine operators	11.58	6.1	40.0	11.58	6.1	40.0	—	—	—
Textile sewing machine operators	8.80	2.7	40.0	9.16	6.0	40.0	8.73	3.1	40.0
Laundering and dry cleaning machine operators	7.79	4.0	37.8	7.77	4.7	37.9	—	—	—
Packaging and filling machine operators	—	—	—	14.19	11.0	39.8	—	—	—
Extruding and forming machine operators	10.88	8.0	38.8	—	—	—	—	—	—
Mixing and blending machine operators	17.94	5.7	39.9	18.96	5.9	39.8	—	—	—
Separating, filtering, and clarifying machine operators	20.09	19.5	38.5	—	—	—	—	—	—
Compressing and compacting machine operators ..	10.11	7.0	40.0	—	—	—	—	—	—
Painting and paint spraying machine operators	15.50	17.8	40.0	17.51	22.3	40.0	—	—	—
Furnace, kiln, and oven operators, except food	12.27	17.4	40.0	14.14	18.9	40.0	—	—	—
Slicing and cutting machine operators	9.64	10.0	31.9	10.78	1.8	39.9	—	—	—

See footnotes at end of table.

TABLE 4-10. East South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002–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									
Miscellaneous machine operators, n.e.c.	\$15.78	13.6	40.0	\$15.96	5.5	39.9	\$15.66	22.6	40.0
Welders and cutters	13.11	5.5	39.8	13.05	5.7	39.7	–	–	–
Assemblers	13.24	17.1	39.1	14.39	17.4	38.9	8.88	12.9	40.0
Miscellaneous hand working, n.e.c.	9.01	4.7	38.7	9.00	7.2	38.2	–	–	–
Production inspectors, checkers and examiners	13.90	14.1	40.0	15.66	10.3	40.0	13.44	17.2	40.0
Production testers	12.19	10.9	40.0	14.63	3.0	40.0	–	–	–
Transportation and material moving	12.89	5.4	38.5	12.14	4.8	38.8	17.91	11.1	36.5
Supervisors, motor vehicle operators	16.75	5.2	41.8	–	–	–	–	–	–
Truck drivers	12.72	11.0	45.4	11.89	8.5	46.1	19.23	4.8	40.0
Driver-sales workers	12.29	5.8	35.2	12.27	6.2	35.0	–	–	–
Bus drivers	11.63	10.7	23.2	11.67	12.6	24.6	–	–	–
Supervisors, material moving equipment	21.91	3.0	40.6	17.00	9.4	41.6	–	–	–
Operating engineers	12.61	8.3	40.0	12.61	8.3	40.0	–	–	–
Excavating and loading machine operators	14.66	13.0	39.8	–	–	–	–	–	–
Grader, dozer, and scrapper operators	12.29	11.8	40.0	12.53	14.2	40.0	–	–	–
Industrial truck and tractor equipment operators	11.49	2.5	39.8	11.51	2.5	39.7	11.11	11.8	40.0
Miscellaneous material moving equipment operators, n.e.c.	13.54	4.6	30.9	13.67	4.7	30.3	–	–	–
Handlers, equipment cleaners, helpers, and laborers ...	9.72	3.3	37.3	10.03	4.1	36.6	9.13	4.4	38.6
Groundskeepers and gardeners, except farm	9.08	7.9	36.3	8.86	12.9	38.3	9.34	6.9	34.2
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.56	10.4	40.4	16.93	10.6	40.5	–	–	–
Helpers, mechanics and repairers	11.62	6.5	38.4	11.80	9.2	37.7	–	–	–
Helpers, construction trades	10.78	3.6	40.0	10.86	3.8	40.0	–	–	–
Construction laborers	9.74	4.5	40.0	10.00	4.5	39.9	–	–	–
Production helpers	9.45	6.8	40.0	9.47	17.1	40.0	–	–	–
Stock handlers and baggers	8.69	5.9	34.2	8.69	7.9	32.3	8.69	9.0	37.4
Machine feeders and offbearers	10.64	7.7	39.6	9.74	10.1	39.2	–	–	–
Freight, stock, and material handlers, n.e.c.	9.91	5.5	35.2	10.79	3.7	31.4	9.18	4.0	39.2
Vehicle washers and equipment cleaners	10.17	13.4	32.6	10.27	15.0	31.8	–	–	–
Hand packers and packagers	8.36	4.4	37.2	8.35	4.1	37.4	8.38	12.2	36.8
Laborers, except construction, n.e.c.	9.29	6.8	38.5	9.54	7.1	38.2	8.04	9.6	40.0
Service	8.74	3.4	35.1	9.36	4.7	32.4	8.21	.9	37.7
Protective service	12.57	6.6	39.8	13.59	4.9	39.7	10.89	8.7	39.9
Supervisors, firefighters and fire prevention	18.51	8.2	52.6	19.41	.6	52.5	–	–	–
Supervisors, police and detectives	19.47	10.7	40.1	20.26	11.9	40.1	–	–	–
Supervisors, guards	12.32	3.5	39.5	12.43	3.9	39.3	–	–	–
Firefighting	12.76	6.2	51.6	12.76	7.4	52.0	–	–	–
Police and detectives, public service	16.78	7.6	38.3	16.80	8.3	38.1	–	–	–
Sheriffs, bailiffs, and other law enforcement officers	13.32	4.1	40.2	16.07	4.4	40.0	12.31	7.8	40.3
Correctional institution officers	10.98	6.5	37.3	12.31	5.6	39.9	–	–	–
Guards and police, except public service	10.06	7.7	37.7	10.59	8.4	36.3	9.32	5.8	40.0
Protective service, n.e.c.	11.14	10.1	37.4	11.35	11.4	37.0	–	–	–
Food service	7.23	4.8	30.8	7.16	7.5	28.3	7.31	3.6	34.3
Waiters, waitresses, and bartenders	4.74	12.5	32.0	3.63	9.8	28.1	5.40	2.6	34.9
Bartenders	5.81	15.3	31.8	4.37	15.1	26.5	–	–	–
Waiters and waitresses	4.63	13.4	32.7	3.41	14.0	29.2	5.22	2.4	34.8
Waiters/Waitresses' assistants	4.52	13.0	26.4	4.01	15.5	24.9	–	–	–
Other food service	8.97	8.3	30.1	8.59	8.6	28.4	9.63	16.1	33.6
Supervisors, food preparation and service	15.87	10.6	40.9	13.96	11.3	42.2	–	–	–
Cooks	9.02	7.8	34.8	8.94	9.9	34.3	9.14	13.2	35.4
Kitchen workers, food preparation	8.02	3.8	32.1	8.69	3.4	32.8	7.34	6.9	31.5
Food preparation, n.e.c.	6.80	3.0	22.4	6.70	2.7	21.0	–	–	–
Health service	8.69	5.8	34.8	8.77	6.3	33.9	8.51	6.1	36.9
Health aides, except nursing	10.75	4.8	34.8	10.89	5.2	35.0	–	–	–
Nursing aides, orderlies and attendants	8.31	6.0	34.7	8.25	6.6	33.6	8.44	6.5	37.1

See footnotes at end of table.

TABLE 4-10. East South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002–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									
Cleaning and building service	\$9.77	6.5	38.5	\$10.37	10.0	37.5	\$9.24	7.0	39.5
Supervisors, cleaning and building service workers	15.47	7.4	40.8	13.85	8.4	39.3	–	–	–
Maids and housemen	7.27	4.4	38.6	7.34	8.4	36.9	7.22	.2	40.0
Janitors and cleaners	9.44	11.8	37.9	11.12	10.2	37.3	7.57	2.6	38.5
Personal service	7.54	1.3	35.5	7.76	5.0	26.4	7.49	.2	38.7
Supervisors, personal service	16.67	17.2	40.1	7.73	9.1	33.6	–	–	–
Hairdressers and cosmetologists	7.26	8.7	21.5	7.22	9.4	20.6	–	–	–
Attendants, amusement, and recreation facilities	6.70	1.5	38.2	8.62	4.1	22.1	6.65	.0	38.9
Baggage porters and bellhops	7.94	18.6	34.4	7.94	18.6	34.4	–	–	–
Welfare service aides	8.36	2.8	37.7	8.52	1.8	39.0	–	–	–
Early childhood teachers' assistants	8.62	15.6	33.1	9.64	17.3	30.7	–	–	–
Child care workers, n.e.c.	6.93	1.9	35.2	6.77	3.5	35.8	–	–	–
Service, n.e.c.	8.07	8.2	28.4	7.82	9.3	27.5	–	–	–

¹ The East South Central census division consists of Kentucky, Tennessee, Alabama, and Mississippi.

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 metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was June 2002.

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

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 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002

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	\$15.39	1.5	36.6	\$15.49	1.7	36.7	\$14.45	6.5	36.3
All, excluding sales	15.73	1.6	37.1	15.86	1.7	37.2	14.69	6.4	36.5
White collar	19.05	2.5	37.0	19.17	2.7	37.1	17.76	4.4	35.7
White collar, excluding sales	20.75	2.6	38.1	20.94	2.8	38.3	18.77	2.7	36.2
Professional specialty and technical	25.70	3.9	37.4	26.19	4.2	37.7	22.07	1.8	35.7
Professional specialty	27.80	4.2	37.3	28.32	4.6	37.5	24.05	3.0	35.7
Engineers, architects, and surveyors	32.47	3.3	41.1	32.76	3.5	41.2	28.16	11.9	40.0
Petroleum engineers	37.81	6.2	40.0	37.81	6.2	40.0	-	-	-
Civil engineers	28.83	14.8	41.0	28.57	15.7	41.1	-	-	-
Electrical and electronic engineers	33.76	7.7	42.5	34.94	6.6	42.8	-	-	-
Industrial engineers	27.62	7.2	42.0	27.64	7.4	42.0	-	-	-
Mechanical engineers	29.50	9.7	41.3	29.50	9.7	41.3	-	-	-
Engineers, n.e.c.	35.15	2.3	40.8	35.70	1.9	40.9	-	-	-
Mathematical and computer scientists	29.97	4.9	37.6	29.99	4.9	37.5	-	-	-
Computer systems analysts and scientists	30.26	4.5	37.3	30.28	4.5	37.3	-	-	-
Operations and systems researchers and analysts	26.55	11.0	41.5	26.55	11.0	41.5	-	-	-
Natural scientists	28.77	12.8	40.2	29.15	13.2	40.2	-	-	-
Geologists and geodesists	42.12	8.5	40.7	42.12	8.5	40.7	-	-	-
Physical scientists, n.e.c.	19.35	9.1	40.0	-	-	-	-	-	-
Biological and life scientists	28.71	24.6	40.0	28.71	24.6	40.0	-	-	-
Medical scientists	18.43	14.5	39.6	18.43	14.5	39.6	-	-	-
Health related	29.37	14.3	35.8	30.25	15.2	36.1	21.88	2.2	32.7
Registered nurses	22.88	1.5	35.6	23.32	1.7	35.9	20.34	2.6	34.2
Pharmacists	34.94	3.3	27.8	34.60	3.4	27.3	-	-	-
Dietitians	20.62	10.4	40.0	20.62	10.4	40.0	-	-	-
Respiratory therapists	18.72	3.7	34.8	18.51	4.2	34.1	-	-	-
Occupational therapists	18.19	5.4	37.4	18.19	5.4	37.4	-	-	-
Physical therapists	25.47	11.2	24.0	22.44	6.7	29.1	-	-	-
Speech therapists	26.69	2.6	35.5	26.94	2.4	35.1	-	-	-
Teachers, college and university	34.78	3.6	36.0	35.61	3.4	35.6	28.52	7.1	40.0
Mathematical science teachers	31.84	6.6	37.3	33.01	6.5	36.8	-	-	-
Medical science teachers	44.49	17.7	36.5	44.49	17.7	36.5	-	-	-
Health specialties teachers	43.71	33.0	38.1	43.71	33.0	38.1	-	-	-
Business, commerce, and marketing teachers	31.92	13.7	37.3	31.92	13.7	37.3	-	-	-
Art, drama, and music teachers	39.04	10.4	39.3	39.04	10.4	39.3	-	-	-
Education teachers	29.39	12.9	39.9	29.39	12.9	39.9	-	-	-
Trade and industrial teachers	22.83	13.9	36.4	20.44	18.0	34.2	-	-	-
Other post-secondary teachers	34.82	3.8	34.8	35.14	4.1	34.3	-	-	-
Teachers, except college and university	26.31	1.7	36.9	26.59	1.2	37.3	25.34	6.2	35.4
Prekindergarten and kindergarten	23.69	11.1	35.9	23.17	12.3	36.0	-	-	-
Elementary school teachers	26.44	1.7	38.1	26.78	1.2	38.4	25.20	6.6	37.0
Secondary school teachers	26.95	2.0	38.3	27.55	.7	38.7	25.76	5.6	37.6
Teachers, special education	27.94	3.8	37.3	27.78	4.5	37.7	-	-	-
Teachers, n.e.c.	24.88	8.9	31.2	25.31	8.0	32.9	-	-	-
Substitute teachers	7.97	4.2	17.8	8.30	2.4	21.8	-	-	-
Vocational and educational counselors	28.40	4.0	38.1	28.31	4.1	38.0	-	-	-
Librarians, archivists, and curators	20.61	6.5	39.0	21.42	5.9	38.9	-	-	-
Librarians	20.11	10.5	38.8	21.07	10.8	38.7	-	-	-
Social scientists and urban planners	24.71	8.2	38.1	24.39	8.2	38.3	-	-	-
Economists	24.60	5.4	40.0	24.60	5.4	40.0	-	-	-
Psychologists	24.90	13.6	36.7	24.30	14.7	36.8	-	-	-
Urban planners	26.05	12.9	40.0	26.05	12.9	40.0	-	-	-
Social, recreation, and religious workers	14.54	4.2	39.0	14.81	4.5	38.8	12.60	5.4	39.9
Social workers	14.69	4.3	39.0	14.89	4.6	38.9	12.98	8.4	39.9
Recreation workers	11.16	15.6	37.5	-	-	-	-	-	-
Lawyers and judges	38.74	9.5	37.3	38.34	9.7	37.2	-	-	-
Lawyers	38.36	9.9	37.4	38.36	9.9	37.4	-	-	-
Judges	43.98	9.2	36.1	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.99	12.2	35.3	22.33	12.6	35.2	-	-	-
Technical writers	22.45	5.1	43.0	22.45	5.1	43.0	-	-	-
Designers	19.36	20.5	39.9	19.62	22.4	39.9	-	-	-
Photographers	9.22	10.6	33.4	9.22	10.6	33.4	-	-	-

See footnotes at end of table.

TABLE 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002—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	\$16.96	15.2	40.2	\$16.96	15.2	40.2	—	—	—
Public relations specialists	28.34	8.6	39.8	28.34	8.6	39.8	—	—	—
Athletes	24.95	8.2	25.0	24.95	8.2	25.0	—	—	—
Professional, n.e.c.	26.82	22.0	38.1	26.82	22.0	38.1	—	—	—
Technical	18.47	4.0	37.9	18.94	4.3	38.2	\$14.82	2.9	35.9
Clinical laboratory technologists and technicians	15.59	6.1	39.0	15.44	6.8	38.9	—	—	—
Radiological technicians	19.48	5.1	39.3	21.09	6.1	39.2	—	—	—
Licensed practical nurses	14.53	2.8	36.5	15.20	3.2	37.9	12.60	4.1	33.0
Health technologists and technicians, n.e.c.	15.38	3.1	37.0	15.12	2.4	36.5	16.44	10.8	39.4
Electrical and electronic technicians	19.93	5.5	39.8	20.04	5.8	39.8	—	—	—
Mechanical engineering technicians	20.21	17.2	38.8	20.21	17.2	38.8	—	—	—
Engineering technicians, n.e.c.	20.12	7.5	40.0	20.31	7.6	40.0	—	—	—
Drafters	18.50	10.4	40.0	18.50	10.4	40.0	—	—	—
Chemical technicians	23.77	5.5	40.0	23.77	5.5	40.0	—	—	—
Science technicians, n.e.c.	20.14	12.7	40.8	20.83	12.6	40.9	—	—	—
Airplane pilots and navigators	91.66	24.5	24.2	96.10	25.2	23.4	—	—	—
Computer programmers	26.42	7.9	39.9	26.42	7.9	39.9	—	—	—
Legal assistants	16.00	7.5	39.0	16.00	7.5	39.0	—	—	—
Technical and related, n.e.c.	15.82	6.5	39.9	15.82	6.5	39.9	—	—	—
Executive, administrative, and managerial	28.96	1.1	40.8	29.20	1.1	40.9	25.04	5.4	37.9
Executives, administrators, and managers	32.30	3.3	41.0	32.71	3.4	41.3	26.57	7.6	37.1
Legislators	—	—	—	4.35	45.8	36.4	—	—	—
Administrators and officials, public administration ...	25.56	10.7	40.4	25.82	11.3	40.4	—	—	—
Financial managers	40.30	3.8	41.0	40.62	3.7	41.0	—	—	—
Personnel and labor relations managers	28.11	11.4	40.7	26.60	13.5	41.1	—	—	—
Purchasing managers	33.64	13.7	40.0	33.64	13.7	40.0	—	—	—
Managers, marketing, advertising, and public relations	33.31	6.3	40.9	33.31	6.3	40.9	—	—	—
Administrators, education and related fields	34.13	3.5	39.6	34.76	4.4	40.2	32.27	4.4	37.9
Managers, medicine and health	26.03	7.5	40.2	28.38	7.2	40.3	17.35	13.4	40.0
Managers, food servicing and lodging establishments	17.40	5.3	41.6	17.16	5.5	41.7	—	—	—
Managers, properties and real estate	20.92	16.1	39.2	20.92	16.1	39.2	—	—	—
Managers, service organizations, n.e.c.	22.92	7.5	39.9	23.49	7.3	39.9	—	—	—
Managers and administrators, n.e.c.	33.90	4.5	41.9	34.08	4.6	41.9	26.94	12.1	40.0
Management related	23.98	4.6	40.5	24.09	4.8	40.5	21.45	14.3	40.0
Accountants and auditors	25.71	7.0	40.9	25.89	6.9	40.9	—	—	—
Other financial officers	30.27	12.5	41.4	30.49	13.0	41.4	—	—	—
Management analysts	27.78	9.7	40.2	27.78	9.7	40.2	—	—	—
Personnel, training, and labor relations specialists ..	22.21	4.8	40.4	21.44	4.4	40.4	—	—	—
Buyers, wholesale and retail trade, except farm products	35.74	3.2	40.0	35.74	3.2	40.0	—	—	—
Purchasing agents and buyers, n.e.c.	23.04	6.6	40.5	23.97	6.2	40.6	—	—	—
Construction inspectors	17.21	5.3	38.7	18.13	4.7	38.1	—	—	—
Inspectors and compliance officers, except construction	19.59	7.0	40.0	20.96	4.2	40.0	—	—	—
Management related, n.e.c.	21.39	10.9	39.8	21.28	11.2	39.9	—	—	—
Sales	12.60	6.5	33.3	12.75	6.7	33.3	9.13	12.1	32.0
Supervisors, sales	17.54	11.5	41.1	17.96	12.0	40.7	12.31	14.0	47.3
Insurance sales	19.19	20.0	38.0	19.19	20.0	38.0	—	—	—
Securities and financial services sales	20.91	13.9	39.9	20.91	13.9	39.9	—	—	—
Advertising and related sales	17.78	13.3	32.1	17.78	13.3	32.1	—	—	—
Sales, other business services	18.52	19.0	38.0	18.52	19.0	38.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	23.53	6.3	40.6	24.41	6.0	40.6	—	—	—
Sales workers, motor vehicles and boats	14.63	11.4	52.0	14.63	11.4	52.0	—	—	—

See footnotes at end of table.

TABLE 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002—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, apparel	\$8.47	3.1	27.2	\$8.47	3.1	27.2	—	—	—
Sales workers, shoes	9.37	16.7	24.5	9.37	16.7	24.5	—	—	—
Sales workers, furniture and home furnishings	11.20	18.5	29.4	11.23	24.8	29.7	—	—	—
Sales workers, hardware and building supplies	12.51	15.4	43.5	12.51	15.4	43.5	—	—	—
Sales workers, parts	11.47	22.0	41.1	11.75	25.8	41.1	—	—	—
Sales workers, other commodities	12.54	25.8	32.1	12.68	26.2	32.2	\$8.24	12.0	30.3
Sales counter clerks	10.94	17.4	32.9	10.96	17.5	32.8	—	—	—
Cashiers	7.40	2.5	28.5	7.44	2.6	28.6	6.85	9.9	26.9
Demonstrators, promoters, and models, sales	10.61	6.4	26.9	10.61	6.4	26.9	—	—	—
Sales support, n.e.c.	11.45	8.0	37.7	11.50	8.5	37.6	—	—	—
Administrative support, including clerical	12.32	.9	37.7	12.37	.9	37.8	11.78	8.7	36.3
Supervisors, general office	16.66	4.0	39.6	16.58	3.9	39.6	—	—	—
Supervisors, financial records processing	16.88	9.5	40.1	17.46	10.5	40.2	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	21.68	9.3	40.5	21.68	9.3	40.5	—	—	—
Computer operators	14.01	3.6	39.9	14.01	3.6	39.9	—	—	—
Secretaries	13.30	3.2	38.5	13.40	3.6	38.5	12.59	5.3	38.4
Stenographers	21.34	15.0	40.0	—	—	—	—	—	—
Typists	11.02	5.5	35.6	11.08	6.0	35.2	—	—	—
Interviewers	11.54	7.0	39.6	11.92	7.0	39.5	—	—	—
Hotel clerks	8.40	11.6	34.6	8.61	11.5	34.2	—	—	—
Transportation ticket and reservation agents	12.63	7.7	39.3	12.63	7.7	39.3	—	—	—
Receptionists	9.74	3.6	37.1	9.89	3.3	37.5	7.65	1.2	32.3
Information clerks, n.e.c.	12.04	6.1	39.3	12.13	6.4	39.3	—	—	—
Correspondence clerks	13.05	2.5	40.0	13.05	2.5	40.0	—	—	—
Order clerks	12.04	8.5	35.9	12.05	8.7	35.8	—	—	—
Personnel clerks, except payroll and timekeeping ...	12.69	3.2	39.7	12.75	3.1	39.7	—	—	—
Library clerks	9.62	4.4	34.4	10.34	5.3	33.9	—	—	—
File clerks	9.65	6.7	38.8	9.65	6.7	38.8	—	—	—
Records clerks, n.e.c.	11.60	3.1	38.9	11.95	3.1	38.7	10.01	6.0	39.6
Bookkeepers, accounting and auditing clerks	12.94	3.7	39.1	12.97	3.8	39.3	12.69	13.8	37.9
Payroll and timekeeping clerks	12.66	7.4	27.1	12.81	7.8	40.0	—	—	—
Billing clerks	12.42	2.6	40.0	12.50	2.7	40.0	—	—	—
Billing, posting, and calculating machine operators	9.50	10.5	31.9	10.10	10.3	28.8	—	—	—
Duplicating machine operators	9.38	7.7	36.2	9.38	7.7	36.2	—	—	—
Telephone operators	9.60	13.3	33.0	9.60	13.3	33.0	—	—	—
Mail clerks, except postal service	8.45	9.2	31.0	8.45	9.2	31.0	—	—	—
Messengers	8.58	8.8	28.0	8.58	8.8	28.0	—	—	—
Dispatchers	13.90	7.2	39.9	14.51	7.3	39.8	—	—	—
Production coordinators	16.85	4.8	40.0	17.01	5.2	40.0	—	—	—
Traffic, shipping and receiving clerks	11.88	4.3	39.4	11.95	4.2	39.4	—	—	—
Stock and inventory clerks	12.24	7.4	39.7	12.23	7.7	39.7	—	—	—
Meter readers	11.22	11.8	39.7	11.22	11.8	39.7	—	—	—
Expeditors	15.49	11.7	40.0	15.49	11.7	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.21	28.0	39.9	9.40	7.1	39.8	—	—	—
Insurance adjusters, examiners, and investigators ..	16.15	3.1	38.6	16.15	3.1	38.6	—	—	—
Investigators and adjusters, except insurance	14.86	7.0	38.3	14.86	7.0	38.3	—	—	—
Eligibility clerks, social welfare	11.11	7.3	40.0	11.11	7.3	40.0	—	—	—
Bill and account collectors	15.22	6.1	38.5	15.44	6.4	38.5	—	—	—
General office clerks	11.02	1.6	37.2	11.07	1.5	37.3	10.28	6.9	36.0
Bank tellers	9.80	5.2	34.7	9.94	5.5	34.3	8.81	4.1	37.8
Data entry keyers	10.56	2.0	34.6	10.60	2.1	34.5	—	—	—
Statistical clerks	11.85	11.6	39.6	11.33	13.9	39.4	—	—	—
Teachers' aides	9.48	2.4	38.3	9.51	2.6	38.4	9.34	5.2	37.4
Administrative support, n.e.c.	12.54	1.8	36.6	12.69	1.5	36.4	10.02	9.3	39.3
Blue collar	12.86	2.7	38.8	12.79	3.2	38.7	13.30	9.2	39.8
Precision production, craft, and repair	15.31	4.1	40.0	15.16	3.5	40.0	16.23	17.4	40.1

See footnotes at end of table.

TABLE 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002–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									
Supervisors, mechanics and repairers	\$21.28	6.1	42.2	\$21.64	6.4	42.2	–	–	–
Automobile mechanics	17.27	8.5	42.0	17.27	8.5	42.0	–	–	–
Aircraft engine mechanics	18.23	10.2	40.0	18.23	10.2	40.0	–	–	–
Automobile body and related repairers	14.35	12.1	40.3	14.35	12.1	40.3	–	–	–
Aircraft mechanics, except engine	25.00	4.1	40.0	25.00	4.1	40.0	–	–	–
Heavy equipment mechanics	15.05	8.5	40.0	15.53	10.5	40.0	–	–	–
Industrial machinery repairers	18.89	11.5	40.0	16.43	4.4	40.0	–	–	–
Machinery maintenance	11.14	5.0	39.7	12.42	7.9	39.4	\$10.12	0.2	40.0
Electronic repairers, communications and industrial equipment	16.95	7.0	38.9	16.95	7.0	38.9	–	–	–
Telephone line installers and repairers	21.08	7.9	40.0	21.08	7.9	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	15.89	9.8	38.9	15.89	9.8	38.9	–	–	–
Mechanics and repairers, n.e.c.	13.50	11.5	40.0	13.48	11.6	39.9	–	–	–
Supervisors, electricians and power transmission installers	20.59	5.1	40.0	21.77	3.4	40.0	–	–	–
Supervisors, plumbers, pipefitters, and steamfitters	18.55	10.4	40.0	18.55	10.4	40.0	–	–	–
Supervisors, construction trades, n.e.c.	16.91	3.6	40.3	17.30	3.0	40.3	–	–	–
Carpenters	12.57	12.6	40.0	12.53	13.9	40.0	–	–	–
Carpenter apprentices	11.49	7.4	40.0	11.49	7.4	40.0	–	–	–
Electricians	18.58	3.3	40.0	18.54	3.0	40.0	–	–	–
Electrician apprentices	11.01	5.2	40.0	11.22	5.4	40.0	–	–	–
Electrical power installers and repairers	19.16	13.9	40.0	22.78	3.2	40.0	–	–	–
Painters, construction and maintenance	11.53	3.7	40.0	11.53	3.7	40.0	–	–	–
Plumbers, pipefitters and steamfitters	14.98	8.4	38.7	15.33	8.2	38.7	–	–	–
Concrete and terrazzo finishers	12.84	4.9	40.0	12.73	5.8	40.0	–	–	–
Insulation workers	13.18	5.9	40.0	13.99	4.4	40.0	–	–	–
Structural metal workers	15.03	10.9	40.0	15.03	10.9	40.0	–	–	–
Construction trades, n.e.c.	13.42	3.8	40.0	13.58	3.4	40.0	–	–	–
Supervisors, extractive	21.59	2.6	40.8	–	–	–	–	–	–
Drillers, oil well	20.64	18.7	40.0	–	–	–	–	–	–
Mining, n.e.c.	20.16	10.9	48.2	–	–	–	20.15	17.8	40.0
Supervisors, production	19.54	4.1	40.0	20.02	3.6	40.0	16.47	11.3	40.0
Precision assemblers, metal	18.88	4.6	40.0	18.88	4.6	40.0	–	–	–
Boilermakers	17.72	9.0	40.0	17.72	9.0	40.0	–	–	–
Precious stones and metals workers	8.15	2.5	40.0	–	–	–	–	–	–
Sheet metal workers	14.79	10.8	40.0	16.89	8.6	40.0	–	–	–
Electrical and electronic equipment assemblers	9.77	6.4	39.2	10.32	6.1	39.0	–	–	–
Miscellaneous precision workers, n.e.c.	17.78	21.9	39.2	10.45	13.9	38.3	–	–	–
Butchers and meat cutters	9.49	4.6	36.4	9.62	4.4	36.0	–	–	–
Bakers	10.06	9.5	39.4	10.06	9.5	39.4	–	–	–
Inspectors, testers, and graders	16.91	7.6	41.7	16.82	7.9	42.4	–	–	–
Water and sewer treatment plant operators	14.73	9.9	39.5	13.94	10.1	39.5	–	–	–
Stationary engineers	15.54	10.2	40.0	15.54	10.2	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	24.22	2.6	39.8	24.48	2.5	39.8	–	–	–
Machine operators, assemblers, and inspectors	11.93	6.0	39.3	12.12	6.8	39.2	10.86	3.8	39.7
Punching and stamping press operators	8.37	5.8	40.0	8.29	5.3	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators	11.44	14.8	40.0	10.14	21.1	40.0	–	–	–
Numerical control machine operators	15.85	10.7	39.6	16.00	10.9	39.6	–	–	–
Fabricating machine operators, n.e.c.	11.53	14.5	40.0	13.38	15.6	40.0	–	–	–
Molding and casting machine operators	–	–	–	10.24	21.5	39.7	–	–	–
Printing press operators	13.09	7.5	40.0	13.71	7.1	40.0	–	–	–
Textile sewing machine operators	9.91	4.4	39.5	9.99	4.0	39.9	–	–	–
Pressing machine operators	8.34	4.4	39.9	8.34	4.4	39.9	–	–	–
Laundering and dry cleaning machine operators	6.91	3.8	39.8	–	–	–	–	–	–
Packaging and filling machine operators	10.68	8.5	39.8	10.68	8.5	39.8	–	–	–
Mixing and blending machine operators	11.15	10.6	40.0	11.15	10.6	40.0	–	–	–
Separating, filtering, and clarifying machine operators	19.51	4.2	40.0	19.51	4.2	40.0	–	–	–

See footnotes at end of table.

TABLE 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002—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									
Painting and paint spraying machine operators	\$13.20	19.8	40.0	\$13.23	20.1	40.0	—	—	—
Furnace, kiln, and oven operators, except food	11.38	15.1	40.0	9.61	33.9	40.0	—	—	—
Slicing and cutting machine operators	11.76	6.5	40.0	11.77	6.7	40.0	—	—	—
Photographic process machine operators	8.26	10.6	26.3	8.26	10.6	26.3	—	—	—
Miscellaneous machine operators, n.e.c.	11.32	4.5	39.6	11.52	5.3	39.5	\$10.48	1.6	40.0
Welders and cutters	14.38	4.0	40.0	14.39	4.1	40.0	—	—	—
Assemblers	14.24	13.6	39.7	14.26	13.7	39.7	—	—	—
Miscellaneous hand working, n.e.c.	9.11	11.4	33.2	9.54	11.3	32.1	—	—	—
Production inspectors, checkers and examiners	11.97	4.4	39.7	11.89	8.4	39.4	—	—	—
Production testers	11.99	6.7	40.0	—	—	—	—	—	—
Transportation and material moving	12.88	9.1	39.9	13.08	10.4	39.4	11.71	5.4	42.7
Supervisors, motor vehicle operators	13.53	4.2	40.3	14.97	5.1	41.3	—	—	—
Truck drivers	12.90	5.1	42.1	13.11	5.4	41.3	11.68	12.7	47.3
Driver-sales workers	11.73	10.9	38.2	11.73	10.9	38.2	—	—	—
Bus drivers	11.47	7.5	31.0	11.53	8.2	31.5	—	—	—
Taxicab drivers and chauffeurs	8.00	4.1	32.4	8.00	4.1	32.4	—	—	—
Motor transportation, n.e.c.	8.26	11.8	32.8	8.26	11.8	32.8	—	—	—
Ship captains and mates, except fishing boats	21.73	5.7	54.5	21.73	5.7	54.5	—	—	—
Sailors and deckhands	10.81	11.3	50.3	10.81	11.3	50.3	—	—	—
Supervisors, material moving equipment	17.30	11.8	41.3	17.45	14.6	41.7	—	—	—
Operating engineers	12.98	9.0	40.0	14.40	14.6	40.0	—	—	—
Crane and tower operators	15.39	5.1	40.0	15.39	5.1	40.0	—	—	—
Excavating and loading machine operators	12.17	6.9	40.0	12.17	6.9	40.0	—	—	—
Grader, dozer, and scrapper operators	11.84	4.7	40.0	12.88	5.1	40.0	11.28	3.5	40.0
Industrial truck and tractor equipment operators	12.42	7.7	40.5	12.57	8.8	40.6	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	13.16	7.8	38.6	13.67	8.6	38.3	—	—	—
Handlers, equipment cleaners, helpers, and laborers	9.22	4.3	35.9	9.03	2.7	35.8	10.83	17.5	36.8
Supervisors, agriculture-related workers	16.96	21.9	39.6	16.96	21.9	39.6	—	—	—
Groundskeepers and gardeners, except farm	9.18	7.0	37.1	8.95	8.0	37.3	—	—	—
Animal caretakers, except farm	9.37	6.3	38.8	9.37	6.3	38.8	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.09	17.5	38.5	14.09	17.5	38.5	—	—	—
Helpers, mechanics and repairers	9.46	6.4	40.0	9.43	7.1	40.0	—	—	—
Helpers, construction trades	8.23	6.1	39.8	8.16	6.8	39.8	—	—	—
Construction laborers	8.40	2.9	39.6	8.44	3.0	39.6	—	—	—
Production helpers	8.78	3.8	39.8	8.80	3.8	39.8	—	—	—
Garbage collectors	9.95	4.9	36.4	9.95	4.9	36.4	—	—	—
Stock handlers and baggers	7.74	3.9	28.3	7.86	4.2	28.2	6.59	6.8	28.8
Machine feeders and offbearers	9.67	10.9	40.0	9.13	14.2	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	10.44	22.3	34.1	8.78	8.2	33.4	—	—	—
Garage and service station related	10.33	11.9	37.1	10.33	11.9	37.1	—	—	—
Vehicle washers and equipment cleaners	9.73	4.5	39.1	9.75	4.5	39.5	—	—	—
Hand packers and packagers	8.97	10.4	34.0	8.99	11.0	34.8	—	—	—
Laborers, except construction, n.e.c.	9.21	7.0	36.6	9.28	7.5	36.3	8.68	14.2	38.9
Service	8.58	3.2	32.6	8.48	3.2	32.7	9.36	13.4	31.3
Protective service	14.04	3.8	38.5	14.35	4.1	38.7	11.13	11.1	37.3
Supervisors, firefighters and fire prevention	22.18	12.1	48.9	22.18	12.1	48.9	—	—	—
Supervisors, police and detectives	20.87	9.9	40.2	23.70	3.3	40.2	—	—	—
Supervisors, guards	16.82	6.2	39.2	16.82	6.2	39.2	—	—	—
Firefighting	15.99	8.3	48.2	16.68	7.6	51.0	—	—	—
Police and detectives, public service	18.74	4.8	39.8	19.02	5.1	39.8	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	17.28	6.7	39.6	21.16	6.1	39.3	—	—	—
Correctional institution officers	12.00	3.5	39.9	12.52	1.2	39.8	—	—	—
Crossing guards	7.88	12.5	17.7	7.88	12.5	17.7	—	—	—
Guards and police, except public service	10.08	7.5	35.2	10.11	7.6	35.5	—	—	—

See footnotes at end of table.

TABLE 4-11. West South Central census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ June 2002—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									
Protective service—Continued									
Protective service, n.e.c.	\$9.03	12.8	32.4	\$9.03	12.8	32.4	—	—	—
Food service									
Food service	6.40	2.5	31.2	6.34	2.6	31.4	\$7.14	10.8	29.3
Waiters, waitresses, and bartenders	3.74	5.3	30.3	3.70	4.6	31.0	4.39	18.4	23.1
Bartenders	6.02	7.8	33.6	6.02	7.8	33.6	—	—	—
Waiters and waitresses	3.35	7.4	30.3	3.27	6.7	30.9	4.34	21.9	23.8
Waiters/Waitresses' assistants	5.08	6.4	28.8	5.11	6.7	30.0	—	—	—
Other food service	7.37	2.4	31.5	7.33	2.2	31.5	7.85	11.2	31.4
Supervisors, food preparation and service	11.82	6.9	38.3	11.67	8.0	38.5	12.52	8.4	37.6
Cooks	7.28	2.9	36.1	7.27	3.0	36.2	7.46	9.0	35.0
Kitchen workers, food preparation	6.63	2.4	30.6	6.59	2.3	30.6	7.23	11.9	30.6
Food preparation, n.e.c.	6.81	3.1	29.1	6.92	3.6	29.2	6.27	6.1	28.6
Health service									
Dental assistants	15.02	21.4	35.7	15.02	21.4	35.7	—	—	—
Health aides, except nursing	10.94	23.6	32.7	9.06	6.4	32.9	—	—	—
Nursing aides, orderlies and attendants	8.51	4.1	33.0	8.90	4.9	33.8	7.14	4.6	30.3
Cleaning and building service									
Supervisors, cleaning and building service workers	12.37	6.8	39.8	12.30	8.9	39.8	—	—	—
Maids and housemen	6.67	2.1	33.4	6.63	1.9	35.1	—	—	—
Janitors and cleaners	8.32	10.5	34.5	8.25	12.1	34.1	8.87	9.3	37.9
Personal service									
Supervisors, personal service	12.13	17.7	40.0	12.13	17.7	40.0	—	—	—
Attendants, amusement, and recreation facilities	7.54	7.8	28.3	7.07	8.5	30.1	—	—	—
Ushers	6.85	4.6	16.4	—	—	—	—	—	—
Public transportation attendants	30.44	8.0	17.7	31.04	8.3	17.5	—	—	—
Baggage porters and bellhops	6.16	8.2	40.0	6.16	8.2	40.0	—	—	—
Welfare service aides	6.22	1.4	23.2	6.20	1.2	23.1	—	—	—
Early childhood teachers' assistants	7.58	5.3	32.5	7.45	6.5	32.5	—	—	—
Child care workers, n.e.c.	7.58	13.9	34.1	7.58	13.9	34.1	—	—	—
Service, n.e.c.	8.59	5.3	32.0	8.69	5.6	32.8	—	—	—

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was June 2002.

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

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. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002

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	\$15.67	3.6	35.5	\$15.67	4.2	35.5	\$15.70	1.3	35.7
All, excluding sales	15.85	4.4	35.6	15.81	5.2	35.5	16.08	1.1	35.9
White collar	18.98	1.3	36.0	18.95	1.4	36.0	19.19	4.4	36.2
White collar, excluding sales	20.20	2.3	36.4	20.15	2.6	36.3	20.50	4.1	36.7
Professional specialty and technical	25.41	6.1	36.1	25.24	7.5	36.3	26.24	3.7	35.2
Professional specialty	27.60	3.1	36.1	27.36	3.7	36.1	28.75	5.0	36.2
Engineers, architects, and surveyors	31.49	3.9	40.8	32.09	4.3	41.0	28.55	4.1	40.0
Civil engineers	32.36	9.6	39.9	32.50	12.4	39.8	—	—	—
Electrical and electronic engineers	31.66	5.6	40.5	31.96	5.3	40.5	29.91	13.2	40.0
Industrial engineers	28.36	5.6	41.1	—	—	—	—	—	—
Mechanical engineers	36.31	6.5	42.6	36.31	6.5	42.6	—	—	—
Engineers, n.e.c.	29.34	6.0	40.3	31.73	5.7	40.5	—	—	—
Mathematical and computer scientists	29.72	5.4	40.6	29.94	5.1	40.6	—	—	—
Computer systems analysts and scientists	30.83	5.4	40.6	31.11	4.7	40.6	—	—	—
Operations and systems researchers and analysts	23.83	8.4	40.7	23.83	8.4	40.7	—	—	—
Natural scientists	28.25	10.8	39.8	29.72	12.8	39.7	—	—	—
Geologists and geodesists	39.70	15.8	40.0	—	—	—	—	—	—
Biological and life scientists	30.06	12.4	38.0	33.40	7.2	37.3	—	—	—
Medical scientists	23.51	4.0	39.7	23.51	4.0	39.7	—	—	—
Health related	27.28	5.6	34.6	25.54	2.9	35.2	37.65	18.9	31.6
Physicians	50.96	14.7	37.6	46.09	14.0	36.8	—	—	—
Registered nurses	24.74	5.2	33.7	23.29	1.4	34.6	33.17	18.7	29.7
Pharmacists	39.99	4.0	37.6	39.99	4.0	37.6	—	—	—
Dietitians	19.75	8.6	34.5	19.75	8.6	34.5	—	—	—
Respiratory therapists	18.22	3.3	39.1	18.22	3.3	39.1	—	—	—
Occupational therapists	24.15	2.0	35.7	24.15	2.0	35.7	—	—	—
Physical therapists	27.17	3.3	35.6	27.04	2.8	35.4	—	—	—
Speech therapists	24.56	10.1	37.8	—	—	—	—	—	—
Teachers, college and university	38.63	3.6	30.9	40.04	2.5	30.0	30.83	13.0	37.9
Engineering teachers	58.63	33.4	30.8	58.63	33.4	30.8	—	—	—
Computer science teachers	30.46	10.4	34.4	—	—	—	—	—	—
Health specialties teachers	51.05	15.5	31.1	57.40	15.1	29.0	—	—	—
Business, commerce, and marketing teachers	33.65	6.2	38.5	33.28	4.3	38.6	—	—	—
Other post-secondary teachers	33.06	11.0	27.5	35.57	8.4	25.2	—	—	—
Teachers, except college and university	25.10	10.6	35.3	24.81	14.7	34.9	25.71	7.8	36.2
Prekindergarten and kindergarten	13.36	35.3	36.9	10.25	25.1	36.8	—	—	—
Elementary school teachers	27.68	8.6	36.0	28.37	10.4	35.7	26.53	9.4	36.4
Secondary school teachers	28.87	6.3	37.1	30.70	5.6	36.4	26.04	6.5	38.3
Teachers, special education	19.56	14.8	37.9	17.86	17.7	38.8	—	—	—
Teachers, n.e.c.	18.30	14.8	29.4	18.47	14.8	29.8	—	—	—
Substitute teachers	12.10	5.9	15.1	12.83	8.2	14.0	—	—	—
Vocational and educational counselors	25.36	34.3	33.2	29.28	29.5	32.5	—	—	—
Librarians, archivists, and curators	22.67	33.6	37.1	29.44	30.0	35.6	—	—	—
Librarians	22.70	35.2	38.7	30.03	30.8	38.0	—	—	—
Social scientists and urban planners	30.12	16.4	38.5	30.64	20.0	38.2	—	—	—
Psychologists	31.94	17.3	37.6	33.62	22.6	36.6	—	—	—
Social, recreation, and religious workers	16.70	12.3	37.9	16.66	13.2	37.7	17.10	8.6	40.0
Social workers	16.60	13.5	38.1	16.55	14.7	37.9	17.10	8.6	40.0
Recreation workers	18.82	13.5	35.6	18.82	13.5	35.6	—	—	—
Lawyers and judges	39.83	20.3	47.1	34.07	16.9	49.3	—	—	—
Lawyers	34.06	16.9	49.7	34.06	16.9	49.7	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	20.96	3.1	31.8	21.95	3.6	31.4	11.90	7.9	36.4
Designers	19.97	17.7	41.0	20.34	19.4	42.0	—	—	—
Editors and reporters	18.87	5.7	39.1	21.30	3.2	39.6	10.53	7.6	37.8
Public relations specialists	32.16	12.7	39.4	32.16	12.7	39.4	—	—	—
Professional, n.e.c.	26.97	2.5	32.4	26.97	2.5	32.4	—	—	—
Technical	19.01	12.2	36.1	19.13	15.0	36.9	18.36	5.1	32.4
Clinical laboratory technologists and technicians	16.85	3.5	37.7	16.38	2.3	39.0	—	—	—
Radiological technicians	20.79	8.4	35.0	20.48	9.3	35.3	—	—	—
Licensed practical nurses	16.20	2.5	37.4	16.24	3.4	37.4	16.09	5.1	37.3
Health technologists and technicians, n.e.c.	13.64	14.8	30.1	13.74	16.5	35.4	—	—	—
Electrical and electronic technicians	15.04	27.6	37.4	15.09	29.5	37.3	—	—	—

See footnotes at end of table.

TABLE 4-12. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002–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									
Engineering technicians, n.e.c.	\$20.69	9.3	38.6	\$21.83	8.0	38.3	–	–	–
Drafters	18.03	11.1	40.0	17.40	15.6	40.0	–	–	–
Surveying and mapping technicians	20.81	9.0	40.0	20.81	9.0	40.0	–	–	–
Computer programmers	29.52	8.1	40.0	30.69	5.7	40.0	–	–	–
Legal assistants	16.02	2.5	39.2	–	–	–	–	–	–
Technical and related, n.e.c.	19.95	7.2	40.5	18.93	10.6	40.9	–	–	–
Executive, administrative, and managerial	28.43	3.5	40.6	28.71	4.0	40.7	\$26.77	7.3	40.3
Executives, administrators, and managers	30.80	3.5	41.1	31.34	3.9	41.1	27.93	8.9	41.1
Administrators and officials, public administration ...	29.02	5.9	41.0	33.64	7.9	42.2	24.88	14.9	40.0
Financial managers	29.57	8.3	40.7	28.76	9.5	40.9	32.25	11.3	40.0
Personnel and labor relations managers	34.07	7.5	41.4	34.07	7.5	41.4	–	–	–
Managers, marketing, advertising, and public relations	37.80	5.0	44.6	37.98	5.2	44.6	–	–	–
Administrators, education and related fields	35.05	6.9	34.9	33.84	9.7	33.1	–	–	–
Managers, medicine and health	28.48	16.2	39.9	33.50	5.8	39.8	–	–	–
Managers, food servicing and lodging establishments	18.33	5.6	43.8	17.23	8.9	43.3	–	–	–
Managers, properties and real estate	26.28	20.9	40.0	26.28	20.9	40.0	–	–	–
Managers, service organizations, n.e.c.	22.69	4.2	41.0	23.03	3.9	41.1	–	–	–
Managers and administrators, n.e.c.	33.17	6.9	41.7	33.92	7.4	41.5	23.94	7.6	44.3
Management related	22.67	4.0	39.5	22.70	4.6	39.7	22.42	9.4	37.5
Accountants and auditors	20.58	9.7	40.8	20.57	9.8	40.8	–	–	–
Other financial officers	31.02	17.7	40.1	31.66	18.9	40.1	–	–	–
Management analysts	21.99	14.3	40.0	21.99	14.3	40.0	–	–	–
Personnel, training, and labor relations specialists ..	20.44	6.1	40.8	20.75	6.5	40.9	–	–	–
Purchasing agents and buyers, n.e.c.	22.30	14.5	39.9	22.30	14.5	39.9	–	–	–
Construction inspectors	22.66	3.4	40.0	22.66	3.4	40.0	–	–	–
Inspectors and compliance officers, except construction	24.41	13.4	36.0	25.80	11.9	40.0	–	–	–
Management related, n.e.c.	21.30	8.0	40.0	20.74	10.9	40.0	–	–	–
Sales	14.15	2.9	34.8	14.52	3.2	35.0	10.31	5.8	33.1
Supervisors, sales	17.53	8.6	42.8	17.77	9.6	43.2	15.20	5.7	39.5
Insurance sales	26.26	23.3	43.7	27.19	22.6	44.0	–	–	–
Securities and financial services sales	32.15	30.5	39.8	32.15	30.5	39.8	–	–	–
Advertising and related sales	12.99	15.9	39.5	13.56	27.1	39.4	–	–	–
Sales, other business services	17.82	6.3	38.4	17.71	6.4	38.3	–	–	–
Sales representatives, mining, manufacturing, and wholesale	21.46	28.1	40.4	21.49	28.4	40.4	–	–	–
Sales workers, motor vehicles and boats	21.43	18.2	48.1	21.20	20.7	48.5	–	–	–
Sales workers, apparel	7.83	3.6	20.7	7.82	4.1	21.6	–	–	–
Sales workers, hardware and building supplies	12.11	7.5	40.9	12.11	7.5	40.9	–	–	–
Sales workers, parts	13.23	5.0	40.5	13.23	5.0	40.5	–	–	–
Sales workers, other commodities	12.04	9.0	29.5	12.35	8.4	29.5	6.92	9.9	30.8
Sales counter clerks	9.15	9.8	35.7	9.66	12.1	37.6	–	–	–
Cashiers	9.04	3.3	31.6	9.10	3.9	31.1	8.68	10.2	35.1
Sales support, n.e.c.	10.75	17.2	26.0	10.88	17.7	25.7	–	–	–
Administrative support, including clerical	12.22	2.2	35.1	12.39	2.3	34.8	11.16	5.3	37.0
Supervisors, general office	15.80	9.8	39.6	15.85	10.2	39.6	–	–	–
Supervisors, financial records processing	16.56	21.7	40.0	16.56	21.7	40.0	–	–	–
Supervisors, distribution, scheduling, and adjusting clerks	16.33	10.2	43.2	–	–	–	–	–	–
Computer operators	18.47	5.4	40.0	18.47	5.4	40.0	–	–	–
Secretaries	13.47	1.6	36.1	13.67	1.9	36.1	11.74	10.1	36.1
Stenographers	13.76	4.1	40.0	–	–	–	–	–	–
Interviewers	11.97	3.6	38.4	11.97	3.6	38.4	–	–	–
Hotel clerks	9.00	3.1	32.7	9.17	3.8	33.6	–	–	–
Receptionists	9.59	6.6	28.8	9.60	7.2	28.0	9.52	2.3	38.0

See footnotes at end of table.

TABLE 4-12. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002–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									
Information clerks, n.e.c.	\$10.13	3.6	33.3	\$10.13	3.6	33.3	–	–	–
Order clerks	10.87	5.9	36.1	11.63	5.8	37.7	–	–	–
Personnel clerks, except payroll and timekeeping ...	14.46	1.3	40.0	14.46	1.3	40.0	–	–	–
Library clerks	12.29	6.4	31.9	13.97	11.1	35.7	\$10.77	4.6	29.1
File clerks	9.51	3.7	34.1	9.58	3.7	33.8	–	–	–
Records clerks, n.e.c.	12.63	9.4	37.1	12.94	3.8	37.5	12.01	30.6	36.4
Bookkeepers, accounting and auditing clerks	12.79	2.7	37.7	12.71	2.1	37.5	13.59	7.8	39.7
Payroll and timekeeping clerks	15.45	6.5	24.5	15.60	7.4	23.1	–	–	–
Billing clerks	10.61	5.5	38.7	–	–	–	–	–	–
Telephone operators	13.19	19.9	35.3	–	–	–	–	–	–
Mail clerks, except postal service	12.20	13.9	37.6	12.62	14.0	37.3	–	–	–
Dispatchers	13.43	14.3	38.7	16.95	9.3	36.9	–	–	–
Production coordinators	14.43	24.8	31.2	14.50	25.4	31.1	–	–	–
Traffic, shipping and receiving clerks	13.09	18.3	40.0	13.28	20.3	40.0	–	–	–
Stock and inventory clerks	11.64	6.0	35.3	11.29	7.2	34.9	–	–	–
Expeditors	12.14	10.6	40.0	12.14	10.6	40.0	–	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	11.30	21.4	38.4	11.40	23.0	38.3	–	–	–
Insurance adjusters, examiners, and investigators ..	16.94	21.1	39.2	16.94	21.1	39.2	–	–	–
Investigators and adjusters, except insurance	12.46	4.1	38.3	12.58	4.5	38.2	–	–	–
Eligibility clerks, social welfare	15.34	15.7	40.0	15.34	15.7	40.0	–	–	–
Bill and account collectors	10.39	8.4	32.8	10.38	9.8	32.0	–	–	–
General office clerks	12.17	6.3	34.7	12.02	7.3	34.2	12.99	7.4	38.1
Bank tellers	8.97	1.8	34.5	9.13	1.4	34.3	8.34	.9	35.8
Data entry keyers	10.50	5.3	38.3	10.87	7.1	38.5	–	–	–
Teachers' aides	9.23	7.6	25.8	9.86	6.1	22.2	8.47	9.5	32.0
Administrative support, n.e.c.	11.59	6.6	30.0	11.46	6.8	29.7	–	–	–
Blue collar	14.18	2.4	37.5	14.03	2.6	37.4	15.23	8.2	38.3
Precision production, craft, and repair									
Supervisors, mechanics and repairers	28.36	9.6	41.0	28.91	11.0	41.2	–	–	–
Automobile mechanics	19.52	5.9	41.1	19.71	7.0	41.3	–	–	–
Bus, truck, and stationary engine mechanics	17.36	11.3	40.0	16.38	10.2	40.0	–	–	–
Aircraft engine mechanics	18.79	11.1	40.0	19.54	14.3	40.0	–	–	–
Heavy equipment mechanics	20.25	2.7	39.7	20.07	3.4	39.7	–	–	–
Industrial machinery repairers	19.41	6.5	38.2	20.27	7.6	37.6	–	–	–
Machinery maintenance	17.80	11.2	40.0	17.80	11.2	40.0	–	–	–
Electronic repairers, communications and industrial equipment	19.71	14.5	40.0	19.35	15.9	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	15.72	5.4	40.0	16.50	4.6	40.0	–	–	–
Mechanics and repairers, n.e.c.	17.27	1.8	40.0	17.11	1.6	40.0	–	–	–
Supervisors, construction trades, n.e.c.	17.75	6.0	40.0	17.46	5.6	40.0	–	–	–
Carpenters	19.55	10.5	39.7	17.19	3.7	39.5	–	–	–
Electricians	21.98	9.1	40.0	22.34	8.9	40.0	–	–	–
Electrical power installers and repairers	26.79	5.7	40.0	–	–	–	–	–	–
Plumbers, pipefitters and steamfitters	20.82	10.9	39.9	21.26	11.0	39.9	–	–	–
Construction trades, n.e.c.	13.01	11.9	39.6	–	–	–	–	–	–
Supervisors, production	19.82	15.1	40.3	19.75	15.7	40.3	–	–	–
Machinists	18.29	2.0	39.9	18.29	2.0	39.9	–	–	–
Electrical and electronic equipment assemblers	14.67	4.7	34.2	16.40	8.5	32.5	–	–	–
Butchers and meat cutters	15.56	4.2	36.4	15.56	4.2	36.4	–	–	–
Bakers	11.64	3.3	38.4	12.09	3.2	37.3	–	–	–
Inspectors, testers, and graders	19.52	5.3	41.0	19.81	5.0	41.0	–	–	–
Water and sewer treatment plant operators	21.10	11.2	40.0	23.79	7.5	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	23.98	3.2	40.0	24.34	3.6	40.0	–	–	–
Machine operators, assemblers, and inspectors									
Fabricating machine operators, n.e.c.	12.20	7.6	40.0	12.20	7.6	40.0	–	–	–
Printing press operators	16.57	6.3	39.9	16.57	6.3	39.9	–	–	–

See footnotes at end of table.

TABLE 4-12. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002–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									
Laundering and dry cleaning machine operators	\$10.16	7.5	39.8	\$10.16	7.8	39.8	–	–	–
Miscellaneous machine operators, n.e.c.	11.99	10.5	39.7	12.03	11.2	39.7	–	–	–
Welders and cutters	16.52	7.7	40.0	15.52	3.8	40.0	–	–	–
Assemblers	11.22	5.5	39.3	11.22	5.6	39.3	–	–	–
Miscellaneous hand working, n.e.c.	12.52	7.9	37.1	12.52	7.9	37.1	–	–	–
Production inspectors, checkers and examiners	13.23	4.9	39.4	13.26	4.9	39.4	–	–	–
Transportation and material moving	14.17	8.5	34.9	13.06	6.8	33.9	\$17.88	13.6	38.8
Truck drivers	14.22	11.0	40.0	12.51	5.3	39.4	–	–	–
Driver-sales workers	8.18	20.8	26.8	8.18	20.8	26.8	–	–	–
Bus drivers	12.09	2.9	28.7	12.03	3.0	29.7	–	–	–
Taxicab drivers and chauffeurs	8.73	5.2	13.5	–	–	–	–	–	–
Motor transportation, n.e.c.	8.56	8.3	29.6	8.56	8.3	29.6	–	–	–
Operating engineers	12.05	12.8	40.0	–	–	–	–	–	–
Grader, dozer, and scrapper operators	17.37	3.1	40.1	16.83	1.4	40.2	–	–	–
Industrial truck and tractor equipment operators	15.46	15.9	39.9	12.35	10.1	39.8	–	–	–
Miscellaneous material moving equipment operators, n.e.c.	15.48	8.7	40.0	–	–	–	–	–	–
Handlers, equipment cleaners, helpers, and laborers ...	10.68	1.9	35.3	10.83	2.8	35.4	9.67	5.5	34.9
Groundskeepers and gardeners, except farm	9.90	5.7	34.1	10.26	3.4	32.6	9.61	8.8	35.5
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.38	9.6	40.0	18.40	10.3	40.0	–	–	–
Helpers, mechanics and repairers	14.04	4.7	38.6	14.03	7.0	40.0	–	–	–
Helpers, construction trades	10.08	1.6	40.0	10.08	1.6	40.0	–	–	–
Construction laborers	10.69	3.6	38.3	10.73	3.7	38.2	–	–	–
Production helpers	10.14	3.8	39.9	10.60	4.8	39.8	–	–	–
Stock handlers and baggers	8.96	8.7	28.7	9.06	10.0	28.8	–	–	–
Machine feeders and offbearers	14.48	6.2	39.6	14.48	6.2	39.6	–	–	–
Freight, stock, and material handlers, n.e.c.	10.71	6.3	36.7	10.75	6.6	36.9	–	–	–
Vehicle washers and equipment cleaners	9.93	6.3	33.4	9.69	6.4	32.4	–	–	–
Hand packers and packagers	11.18	14.1	37.7	11.29	14.0	38.3	–	–	–
Laborers, except construction, n.e.c.	9.98	7.9	35.0	9.95	9.6	35.7	10.07	13.4	33.2
Service	8.99	2.5	31.9	9.01	3.0	31.7	8.89	2.7	32.7
Protective service	17.15	5.6	34.7	17.32	7.3	33.5	16.52	9.2	39.6
Supervisors, firefighters and fire prevention	25.28	3.4	50.6	25.28	3.4	50.6	–	–	–
Supervisors, police and detectives	27.05	10.9	41.1	28.50	10.6	41.4	–	–	–
Supervisors, guards	16.60	14.7	36.7	16.60	14.7	36.7	–	–	–
Firefighting	15.41	10.5	42.9	15.69	13.4	42.5	–	–	–
Police and detectives, public service	22.85	4.5	39.4	25.04	2.6	39.2	17.33	4.7	40.0
Sheriffs, bailiffs, and other law enforcement officers	20.03	2.7	40.2	20.58	3.1	40.2	–	–	–
Correctional institution officers	14.35	11.8	40.0	–	–	–	–	–	–
Guards and police, except public service	9.58	4.6	31.8	9.63	4.9	31.7	–	–	–
Protective service, n.e.c.	13.08	13.1	11.7	–	–	–	–	–	–
Food service	6.96	3.4	30.2	7.04	3.7	30.2	6.45	3.9	30.2
Waiters, waitresses, and bartenders	5.08	18.1	29.0	5.14	21.6	28.6	4.78	10.1	31.4
Bartenders	7.17	10.0	31.7	7.21	10.0	32.5	–	–	–
Waiters and waitresses	4.39	16.8	28.3	4.31	22.7	27.5	4.67	11.8	31.9
Waiters'/Waitresses' assistants	5.54	16.5	29.2	5.57	17.9	28.8	–	–	–
Other food service	7.83	3.0	30.8	7.89	3.6	31.0	7.42	4.5	29.6
Supervisors, food preparation and service	11.32	5.0	40.1	11.71	5.1	41.2	–	–	–
Cooks	9.40	4.8	33.3	9.60	4.7	33.6	7.43	7.5	31.1
Kitchen workers, food preparation	7.94	3.8	28.4	7.76	6.5	27.1	8.55	5.3	34.2
Food preparation, n.e.c.	6.80	4.2	29.3	6.87	4.7	29.6	6.41	2.8	27.4
Health service	10.32	4.4	33.9	10.79	2.2	34.3	9.36	6.6	33.0
Health aides, except nursing	9.62	3.8	36.7	9.59	6.2	35.2	–	–	–
Nursing aides, orderlies and attendants	10.19	3.6	33.1	10.79	2.2	34.0	9.06	6.1	31.5
Cleaning and building service	9.38	3.3	36.2	9.48	3.8	36.6	8.98	6.6	34.2

See footnotes at end of table.

TABLE 4-12. Mountain census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002–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									
Cleaning and building service –Continued									
Supervisors, cleaning and building service workers	\$14.94	22.9	40.0	\$14.98	23.1	40.0	–	–	–
Maids and housemen	7.51	2.2	38.6	7.61	2.7	39.1	\$7.07	1.0	36.3
Janitors and cleaners	9.65	3.5	35.3	9.68	3.2	35.7	9.56	12.3	33.6
Personal service	9.13	8.2	31.5	9.36	9.1	31.2	7.91	8.7	32.9
Supervisors, personal service	15.37	8.8	40.2	15.62	13.5	40.3	–	–	–
Hairdressers and cosmetologists	12.02	15.8	31.6	12.24	15.8	31.2	–	–	–
Attendants, amusement, and recreation facilities	6.69	3.4	35.1	6.81	5.5	34.3	–	–	–
Public transportation attendants	27.27	5.5	19.8	27.27	5.5	19.8	–	–	–
Baggage porters and bellhops	6.54	16.5	38.6	6.54	16.5	38.6	–	–	–
Welfare service aides	9.66	8.9	31.4	10.32	4.7	39.0	–	–	–
Early childhood teachers' assistants	8.42	2.3	27.1	8.54	2.2	27.5	–	–	–
Child care workers, n.e.c.	8.54	6.4	28.5	8.55	6.7	28.9	–	–	–
Service, n.e.c.	7.87	4.4	26.9	7.89	10.6	24.0	–	–	–

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002

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	\$19.08	1.8	35.8	\$19.22	1.9	35.9	\$16.10	1.6	34.8
All, excluding sales	19.29	1.9	36.2	19.43	2.0	36.2	16.40	1.4	34.9
White collar	23.18	2.2	36.2	23.33	2.2	36.2	19.41	3.9	36.0
White collar, excluding sales	24.38	2.5	37.0	24.54	2.5	37.0	20.65	3.5	36.6
Professional specialty and technical	30.07	4.3	36.4	30.26	4.4	36.5	25.74	4.7	34.6
Professional specialty	32.03	5.8	36.3	32.16	5.9	36.4	28.85	3.3	33.6
Engineers, architects, and surveyors	36.68	2.3	40.2	36.87	2.3	40.2	26.53	1.9	39.9
Aerospace engineers	44.47	7.8	40.4	44.47	7.8	40.4	—	—	—
Nuclear engineers	38.30	5.2	40.0	38.30	5.2	40.0	—	—	—
Civil engineers	29.66	7.5	40.3	30.04	7.8	40.3	26.03	2.4	40.0
Electrical and electronic engineers	37.81	3.7	40.7	37.81	3.7	40.7	—	—	—
Industrial engineers	34.46	3.7	41.6	34.46	3.7	41.6	—	—	—
Mechanical engineers	35.82	3.9	40.8	35.82	3.9	40.8	—	—	—
Engineers, n.e.c.	38.28	1.4	39.6	38.36	1.4	39.6	—	—	—
Mathematical and computer scientists	36.36	2.6	41.0	36.41	2.7	41.0	—	—	—
Computer systems analysts and scientists	36.58	3.1	41.1	36.60	3.1	41.1	—	—	—
Operations and systems researchers and analysts	32.98	12.5	40.0	32.98	12.5	40.0	—	—	—
Natural scientists	31.18	4.9	40.0	31.44	4.9	40.0	25.59	12.1	39.6
Chemists, except biochemists	31.45	5.8	40.0	31.45	5.8	40.0	—	—	—
Physical scientists, n.e.c.	32.59	7.2	40.0	32.59	7.2	40.0	—	—	—
Agricultural and food scientists	24.45	6.1	40.0	—	—	—	—	—	—
Biological and life scientists	36.22	7.1	39.9	36.54	6.5	39.9	—	—	—
Forestry and conservation scientists	24.33	5.7	40.8	—	—	—	—	—	—
Medical scientists	26.09	8.8	40.0	26.09	8.8	40.0	—	—	—
Health related	31.23	2.5	34.2	31.14	2.1	34.3	32.51	15.0	33.9
Physicians	50.85	15.3	38.8	45.54	14.6	38.6	—	—	—
Registered nurses	29.92	2.0	33.6	30.22	2.0	33.7	25.32	4.4	31.8
Pharmacists	42.51	3.2	35.0	42.69	3.4	34.9	—	—	—
Dietitians	23.79	7.7	36.2	23.79	7.7	36.2	—	—	—
Respiratory therapists	23.80	4.5	34.2	23.80	4.5	34.2	—	—	—
Occupational therapists	28.78	6.9	34.3	28.78	6.9	34.3	—	—	—
Physical therapists	26.94	3.1	37.5	26.87	3.2	37.5	—	—	—
Speech therapists	29.92	10.2	39.2	29.92	10.2	39.2	—	—	—
Therapists, n.e.c.	20.30	7.1	32.1	20.30	7.1	32.1	—	—	—
Teachers, college and university	41.97	1.6	28.4	42.38	1.6	28.4	34.87	8.8	29.2
Earth, environmental, and marine science teachers	32.31	15.3	41.5	32.31	15.3	41.5	—	—	—
Biological science teachers	40.12	23.2	33.2	40.12	23.2	33.2	—	—	—
Chemistry teachers	53.88	10.9	39.4	53.88	10.9	39.4	—	—	—
Psychology teachers	37.05	8.3	26.1	37.05	8.3	26.1	—	—	—
Engineering teachers	55.46	13.2	29.6	55.46	13.2	29.6	—	—	—
Mathematical science teachers	48.25	9.8	28.0	48.74	9.7	30.1	—	—	—
Computer science teachers	39.01	5.3	27.1	38.97	7.3	23.8	—	—	—
Health specialties teachers	31.48	11.4	36.5	31.48	11.4	36.5	—	—	—
Business, commerce, and marketing teachers	47.10	10.2	30.1	47.10	10.2	30.1	—	—	—
Art, drama, and music teachers	39.09	6.1	27.5	39.11	6.1	28.2	—	—	—
Education teachers	35.39	13.8	31.1	—	—	—	—	—	—
English teachers	37.61	3.8	31.7	37.76	4.0	32.6	—	—	—
Foreign language teachers	36.18	8.8	19.9	—	—	—	—	—	—
Trade and industrial teachers	47.39	9.4	23.8	47.39	9.4	23.8	—	—	—
Other post-secondary teachers	40.72	5.8	25.7	41.28	6.3	24.9	34.86	10.6	38.4
Teachers, except college and university	32.69	2.8	33.1	33.00	3.0	33.1	28.14	1.4	33.2
Prekindergarten and kindergarten	15.12	14.4	34.4	14.99	14.3	34.8	—	—	—
Elementary school teachers	37.28	3.0	34.4	37.50	3.0	34.3	30.23	3.5	37.8
Secondary school teachers	37.09	3.5	36.2	37.51	3.7	36.2	30.96	5.0	36.0
Teachers, special education	32.74	10.3	32.4	32.75	10.5	32.4	—	—	—
Teachers, n.e.c.	29.56	15.1	30.2	29.59	18.4	29.5	29.44	2.9	33.5
Substitute teachers	19.48	4.7	12.6	19.49	4.9	13.4	—	—	—
Vocational and educational counselors	30.62	16.1	36.1	32.78	17.0	35.8	15.78	27.2	38.4
Librarians, archivists, and curators	27.23	6.6	38.6	26.91	7.1	38.7	—	—	—
Librarians	33.23	7.5	38.0	33.22	7.6	38.0	—	—	—
Social scientists and urban planners	30.15	2.2	39.8	30.16	2.2	39.8	—	—	—
Economists	34.87	3.8	43.5	34.87	3.8	43.5	—	—	—
Psychologists	27.17	3.5	37.8	27.18	3.6	37.8	—	—	—

See footnotes at end of table.

TABLE 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002–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 scientists and urban planners –Continued									
Urban planners	\$30.17	6.2	39.7	\$30.17	6.2	39.7	–	–	–
Social, recreation, and religious workers	17.22	16.7	39.0	17.15	16.8	39.2	\$20.22	6.9	29.7
Social workers	17.05	17.2	39.3	16.97	17.3	39.3	20.67	6.0	37.6
Recreation workers	17.22	11.7	26.7	17.46	11.6	30.3	–	–	–
Lawyers and judges	46.42	4.1	39.5	47.36	3.9	39.6	–	–	–
Lawyers	46.65	4.2	39.6	47.30	4.0	39.6	–	–	–
Judges	41.96	10.8	38.9	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.63	5.7	33.2	27.82	5.7	33.5	–	–	–
Designers	29.59	12.8	36.2	29.86	13.2	37.2	–	–	–
Actors and directors	32.04	15.7	31.7	32.04	15.7	31.7	–	–	–
Painters, sculptors, craft artists, and artist printmakers	20.85	4.9	39.7	20.85	4.9	39.7	–	–	–
Photographers	18.18	28.3	33.8	18.18	28.3	33.8	–	–	–
Artists, performers, and related workers, n.e.c.	16.62	9.2	31.5	16.62	9.2	31.5	–	–	–
Editors and reporters	26.67	9.5	39.2	27.20	9.7	39.4	–	–	–
Public relations specialists	27.13	19.1	39.9	27.95	22.5	39.9	–	–	–
Athletes	12.67	21.9	16.1	12.67	21.9	16.1	–	–	–
Professional, n.e.c.	28.99	2.4	35.6	28.99	2.4	35.6	–	–	–
Technical	22.62	2.9	36.8	22.94	3.1	36.7	16.39	7.1	37.7
Clinical laboratory technologists and technicians	22.47	6.8	37.5	22.49	6.9	37.6	–	–	–
Health record technologists and technicians	18.53	5.3	37.4	18.59	5.1	37.2	–	–	–
Radiological technicians	25.81	5.2	31.1	25.85	5.5	30.9	–	–	–
Licensed practical nurses	18.57	3.6	34.0	18.65	3.7	34.2	–	–	–
Health technologists and technicians, n.e.c.	18.76	3.2	36.8	18.76	3.3	36.9	–	–	–
Electrical and electronic technicians	22.92	3.8	39.3	22.92	3.8	39.3	–	–	–
Mechanical engineering technicians	24.47	5.5	40.0	24.47	5.5	40.0	–	–	–
Engineering technicians, n.e.c.	24.36	9.0	38.4	24.93	9.5	38.3	–	–	–
Drafters	23.41	2.0	40.2	23.41	2.0	40.2	–	–	–
Surveying and mapping technicians	18.61	14.1	40.0	18.49	15.2	40.0	–	–	–
Biological technicians	15.07	8.0	34.3	15.74	10.3	33.1	–	–	–
Science technicians, n.e.c.	23.15	10.0	38.4	23.15	10.0	38.4	–	–	–
Airplane pilots and navigators	98.29	18.4	25.2	98.29	18.4	25.2	–	–	–
Broadcast equipment operators	24.69	10.7	37.7	24.71	10.7	37.7	–	–	–
Computer programmers	19.95	9.5	39.2	21.00	11.4	39.0	–	–	–
Legal assistants	20.32	12.2	39.7	21.86	12.6	39.6	–	–	–
Technical and related, n.e.c.	23.35	8.6	39.4	23.49	8.9	39.5	–	–	–
Executive, administrative, and managerial									
Executives, administrators, and managers	32.32	8.3	40.0	32.42	8.4	39.9	29.01	1.9	40.2
Legislators	36.97	11.6	40.4	37.14	11.8	40.3	31.57	4.9	40.8
Administrators and officials, public administration ...	26.06	33.3	10.5	26.06	33.3	10.5	–	–	–
Financial managers	34.74	5.4	39.9	35.64	5.8	39.9	–	–	–
Personnel and labor relations managers	32.50	11.0	40.3	32.34	11.1	40.3	–	–	–
Purchasing managers	40.86	4.8	41.0	42.31	4.5	41.2	–	–	–
Managers, marketing, advertising, and public relations	37.74	10.0	40.8	37.74	10.0	40.8	–	–	–
Administrators, education and related fields	56.53	18.1	41.1	56.53	18.1	41.1	–	–	–
Managers, medicine and health	34.34	13.4	39.6	33.91	14.4	39.6	–	–	–
Managers, food servicing and lodging establishments	38.12	4.6	40.2	38.33	4.7	40.2	–	–	–
Managers, properties and real estate	19.39	7.0	41.3	19.72	6.7	41.0	–	–	–
Managers, service organizations, n.e.c.	16.20	23.1	40.0	16.20	23.1	40.0	–	–	–
Managers and administrators, n.e.c.	39.89	20.7	40.0	40.01	20.8	40.0	–	–	–
Management related	35.04	7.5	40.7	35.19	7.7	40.6	29.51	3.4	42.0
Accountants and auditors	24.88	2.9	39.3	24.89	3.0	39.3	24.45	2.5	39.1
Other financial officers	23.24	8.3	38.4	23.21	8.5	38.4	–	–	–
Management analysts	26.93	9.0	39.9	27.03	9.1	39.9	–	–	–
Personnel, training, and labor relations specialists ..	26.94	5.1	39.8	26.94	5.1	39.8	–	–	–
	25.29	7.1	38.9	25.25	7.6	38.9	–	–	–

See footnotes at end of table.

TABLE 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002—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	\$21.60	11.7	40.0	\$21.70	12.0	40.0	—	—	—
Purchasing agents and buyers, n.e.c.	23.70	6.7	38.7	24.22	6.5	38.7	—	—	—
Construction inspectors	28.08	7.1	40.2	28.08	7.1	40.2	—	—	—
Inspectors and compliance officers, except construction	26.56	9.8	40.4	26.66	10.5	40.5	—	—	—
Management related, n.e.c.	24.57	2.2	39.9	24.47	2.1	39.9	—	—	—
Sales	16.89	2.6	32.8	17.06	2.6	32.8	\$12.01	6.0	32.9
Supervisors, sales	26.45	18.7	41.2	26.67	19.1	41.3	—	—	—
Insurance sales	22.87	15.2	38.4	23.33	16.3	38.5	—	—	—
Securities and financial services sales	44.53	25.3	39.6	44.53	25.3	39.6	—	—	—
Sales, other business services	31.87	20.2	36.0	33.62	18.3	35.7	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.07	8.1	39.7	26.16	8.1	39.7	—	—	—
Sales workers, motor vehicles and boats	22.16	6.7	43.5	22.33	7.2	43.7	—	—	—
Sales workers, apparel	9.72	13.8	26.1	9.81	14.1	26.2	—	—	—
Sales workers, furniture and home furnishings	10.77	5.1	30.2	10.77	5.1	30.2	—	—	—
Sales workers, radio, tv, hi-fi, and appliances	14.57	32.5	34.4	14.57	32.5	34.4	—	—	—
Sales workers, parts	15.56	6.6	38.8	15.79	6.6	38.7	—	—	—
Sales workers, other commodities	13.62	9.5	31.1	13.66	9.7	31.1	—	—	—
Sales counter clerks	8.67	8.8	26.7	8.48	8.7	26.5	—	—	—
Cashiers	10.41	3.5	30.4	10.48	3.9	30.6	9.11	9.1	27.6
Sales support, n.e.c.	15.36	14.5	33.5	15.52	14.6	33.4	—	—	—
Administrative support, including clerical	14.85	.8	36.2	14.94	.9	36.2	12.85	1.4	37.7
Supervisors, general office	19.88	2.8	39.9	20.08	2.8	39.9	—	—	—
Supervisors, financial records processing	20.67	4.2	36.6	20.72	4.1	36.6	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	23.45	9.3	39.9	23.51	10.9	39.9	—	—	—
Computer operators	17.51	6.4	38.9	18.76	5.0	38.5	—	—	—
Secretaries	16.47	3.4	37.1	16.60	3.8	37.0	13.84	5.9	37.6
Stenographers	19.21	5.7	31.6	19.46	5.9	31.2	—	—	—
Typists	16.11	6.6	39.0	16.26	7.1	38.9	—	—	—
Hotel clerks	9.74	7.5	36.8	9.69	8.4	37.9	10.09	9.7	31.3
Transportation ticket and reservation agents	15.51	7.8	35.8	15.47	8.1	35.6	—	—	—
Receptionists	11.04	3.5	33.8	11.06	3.6	33.7	—	—	—
Information clerks, n.e.c.	13.14	3.3	37.2	13.23	3.4	37.0	—	—	—
Order clerks	14.33	5.4	38.1	14.50	5.7	38.1	—	—	—
Personnel clerks, except payroll and timekeeping ...	16.44	2.8	39.6	16.49	2.8	39.6	—	—	—
Library clerks	14.96	4.2	31.4	14.99	4.1	31.4	—	—	—
File clerks	11.51	5.1	26.1	11.58	6.1	24.9	—	—	—
Records clerks, n.e.c.	15.29	5.6	39.1	15.38	5.9	39.0	—	—	—
Bookkeepers, accounting and auditing clerks	15.76	2.3	38.5	15.89	2.2	38.5	12.98	7.8	39.8
Payroll and timekeeping clerks	17.17	2.8	39.6	17.13	2.9	39.5	—	—	—
Billing clerks	14.68	5.0	38.7	14.60	5.3	38.7	—	—	—
Billing, posting, and calculating machine operators	13.09	8.2	30.4	13.09	8.2	30.4	—	—	—
Duplicating machine operators	12.66	19.0	40.0	12.66	19.0	40.0	—	—	—
Telephone operators	13.32	9.3	37.7	13.32	9.3	37.7	—	—	—
Mail clerks, except postal service	9.56	8.4	39.4	9.56	8.4	39.4	—	—	—
Messengers	11.21	6.0	34.3	11.38	6.0	34.7	—	—	—
Dispatchers	18.71	4.8	38.8	18.71	4.8	38.8	—	—	—
Production coordinators	20.61	8.8	39.9	20.61	8.8	39.9	—	—	—
Traffic, shipping and receiving clerks	12.44	4.2	39.0	12.42	4.7	38.9	12.58	7.5	40.0
Stock and inventory clerks	11.90	7.5	36.2	11.92	7.5	36.1	—	—	—
Meter readers	20.68	5.7	39.9	20.68	5.7	39.9	—	—	—
Weighers, measurers, checkers, and samplers	14.77	15.2	38.4	15.18	15.3	38.3	—	—	—
Expeditors	16.61	7.4	40.0	16.61	7.4	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	13.69	10.9	38.0	13.69	10.9	38.0	—	—	—

See footnotes at end of table.

TABLE 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002—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									
Insurance adjusters, examiners, and investigators ..	\$16.00	13.3	37.4	\$16.03	13.4	37.4	—	—	—
Investigators and adjusters, except insurance	17.10	2.5	39.1	17.11	2.5	39.1	—	—	—
Eligibility clerks, social welfare	15.87	4.0	39.3	15.91	4.0	39.3	—	—	—
Bill and account collectors	14.13	5.7	37.7	14.02	5.8	37.7	—	—	—
General office clerks	13.91	3.8	37.0	13.93	3.9	37.0	\$13.09	1.8	35.6
Bank tellers	11.40	2.0	27.2	11.41	2.0	27.1	—	—	—
Data entry keyers	12.99	1.3	37.8	13.03	1.3	37.8	—	—	—
Teachers' aides	13.09	2.5	25.0	13.38	1.9	24.5	—	—	—
Administrative support, n.e.c.	16.10	1.8	35.9	16.17	1.8	35.9	12.58	5.9	34.8
Blue collar	15.60	2.1	38.0	15.66	2.2	38.0	14.52	7.6	37.7
Precision production, craft, and repair									
Supervisors, mechanics and repairers	25.05	6.2	40.4	25.41	7.1	40.3	—	—	—
Automobile mechanics	18.64	10.2	39.9	18.82	10.6	39.9	—	—	—
Bus, truck, and stationary engine mechanics	17.07	9.4	35.7	17.14	9.7	35.6	—	—	—
Aircraft engine mechanics	24.47	5.5	40.0	24.47	5.5	40.0	—	—	—
Aircraft mechanics, except engine	29.57	4.8	40.0	29.57	4.8	40.0	—	—	—
Heavy equipment mechanics	24.15	5.8	40.0	24.15	5.8	40.0	—	—	—
Farm equipment mechanics	14.14	6.5	40.0	14.14	6.5	40.0	—	—	—
Industrial machinery repairers	20.37	3.4	39.7	20.44	3.8	39.7	—	—	—
Machinery maintenance	18.80	11.3	39.0	18.85	12.1	38.9	—	—	—
Electronic repairers, communications and industrial equipment	18.68	6.4	39.4	18.68	6.4	39.4	—	—	—
Data processing equipment repairers	14.31	22.7	39.7	14.31	22.7	39.7	—	—	—
Household appliance and power tool repairers	22.71	9.7	37.9	22.71	10.3	37.9	—	—	—
Heating, air conditioning, and refrigeration mechanics	17.75	9.5	39.1	17.73	9.5	39.1	—	—	—
Mechanical controls and valve repairers	21.76	6.5	40.0	21.76	6.6	40.0	—	—	—
Millwrights	18.54	3.9	39.5	19.03	3.3	39.4	—	—	—
Mechanics and repairers, n.e.c.	17.20	4.1	39.8	17.18	4.1	39.8	17.83	10.8	39.7
Supervisors, carpenters and related workers	30.44	6.7	40.0	30.44	6.7	40.0	—	—	—
Supervisors, electricians and power transmission installers	27.05	11.3	40.0	26.57	11.4	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	30.47	5.6	40.0	30.47	5.6	40.0	—	—	—
Supervisors, construction trades, n.e.c.	28.30	13.4	39.9	28.80	14.4	39.9	—	—	—
Carpenters	22.16	2.1	37.9	22.00	1.7	38.4	—	—	—
Electricians	25.85	6.3	39.5	26.71	5.6	39.4	—	—	—
Electrician apprentices	16.44	10.5	40.0	16.24	10.7	40.0	—	—	—
Electrical power installers and repairers	30.38	4.0	40.0	30.28	4.2	40.0	—	—	—
Painters, construction and maintenance	13.42	12.5	39.6	13.39	12.4	39.6	—	—	—
Plumbers, pipefitters and steamfitters	23.90	5.2	40.0	24.12	5.3	40.0	—	—	—
Construction trades, n.e.c.	16.20	5.1	39.4	16.57	6.9	39.2	14.97	5.0	40.0
Drillers, oil well	21.64	4.6	40.0	21.64	4.6	40.0	—	—	—
Supervisors, production	23.86	17.5	40.3	23.89	17.8	40.3	—	—	—
Tool and die makers	24.37	6.9	40.0	24.37	6.9	40.0	—	—	—
Precision assemblers, metal	23.00	7.9	40.0	23.00	7.9	40.0	—	—	—
Machinists	21.30	2.0	40.0	21.30	2.0	40.0	—	—	—
Layout workers	17.37	16.3	40.0	17.37	16.3	40.0	—	—	—
Sheet metal workers	18.19	36.0	33.8	18.19	36.0	33.8	—	—	—
Electrical and electronic equipment assemblers	13.02	5.9	39.4	13.02	5.9	39.4	—	—	—
Miscellaneous precision workers, n.e.c.	18.26	7.6	39.1	18.29	7.6	39.1	—	—	—
Butchers and meat cutters	13.03	10.8	32.5	12.69	10.8	32.0	—	—	—
Bakers	11.26	7.7	33.2	11.26	7.7	33.2	—	—	—
Inspectors, testers, and graders	18.43	7.5	40.0	18.43	7.5	40.0	—	—	—
Water and sewer treatment plant operators	23.32	3.5	40.0	23.56	4.6	40.0	—	—	—
Stationary engineers	24.96	6.4	40.0	24.96	6.4	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	25.37	1.2	38.3	25.37	1.2	38.3	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine operators	16.42	15.3	40.0	16.42	15.3	40.0	—	—	—

See footnotes at end of table.

TABLE 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002—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									
Punching and stamping press operators	\$12.53	12.1	40.0	\$12.53	12.1	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	10.55	6.8	40.0	10.55	6.8	40.0	—	—	—
Numerical control machine operators	20.77	6.6	40.0	20.77	6.6	40.0	—	—	—
Molding and casting machine operators	10.75	10.5	38.2	10.75	10.5	38.2	—	—	—
Metal plating machine operators	12.50	5.0	39.6	12.50	5.0	39.6	—	—	—
Sawing machine operators	12.06	8.3	40.0	—	—	—	—	—	—
Printing press operators	13.68	7.8	39.5	13.67	7.8	39.5	—	—	—
Photoengravers and lithographers	19.58	19.3	39.3	19.58	19.3	39.3	—	—	—
Laundering and dry cleaning machine operators	9.18	4.4	38.8	9.06	3.9	39.3	—	—	—
Packaging and filling machine operators	11.38	6.5	36.2	11.38	6.5	36.2	—	—	—
Extruding and forming machine operators	15.56	6.2	40.0	—	—	—	—	—	—
Mixing and blending machine operators	12.12	11.1	40.0	12.03	12.8	40.0	—	—	—
Separating, filtering, and clarifying machine operators	19.72	7.3	40.0	19.72	7.3	40.0	—	—	—
Painting and paint spraying machine operators	17.88	21.2	40.0	17.88	21.2	40.0	—	—	—
Furnace, kiln, and oven operators, except food	13.09	10.9	40.0	12.76	12.0	40.0	—	—	—
Crushing and grinding machine operators	13.24	17.3	40.0	13.24	17.3	40.0	—	—	—
Slicing and cutting machine operators	10.52	14.9	40.0	10.52	14.9	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.69	4.7	39.6	12.92	5.0	39.6	—	—	—
Welders and cutters	17.74	4.5	39.9	17.74	4.5	39.9	—	—	—
Solders and braziers	9.87	5.5	40.0	9.87	5.5	40.0	—	—	—
Assemblers	11.98	6.9	38.4	11.98	6.9	38.4	—	—	—
Miscellaneous hand working, n.e.c.	11.23	18.4	39.8	11.23	18.4	39.8	—	—	—
Production inspectors, checkers and examiners	11.19	5.2	39.2	11.19	5.3	39.3	—	—	—
Production testers	12.40	12.2	40.0	12.40	12.2	40.0	—	—	—
Graders and sorters, except agricultural	10.31	9.6	40.0	—	—	—	—	—	—
Transportation and material moving	15.06	2.3	37.9	15.17	2.2	38.1	\$13.83	14.2	35.8
Supervisors, motor vehicle operators	25.40	4.0	41.8	25.44	4.1	41.8	—	—	—
Truck drivers	15.33	4.2	39.7	15.27	4.5	39.8	—	—	—
Driver-sales workers	10.43	13.6	37.6	10.43	13.6	37.6	—	—	—
Bus drivers	15.22	3.0	31.8	15.30	3.2	32.2	—	—	—
Parking lot attendants	7.42	3.4	35.0	7.42	3.4	35.0	—	—	—
Motor transportation, n.e.c.	9.48	5.9	32.2	9.64	5.8	36.6	—	—	—
Locomotive operating	34.39	14.5	40.0	34.39	14.5	40.0	—	—	—
Sailors and deckhands	18.69	5.5	25.6	—	—	—	—	—	—
Operating engineers	24.06	8.6	39.9	24.96	9.2	40.0	—	—	—
Crane and tower operators	26.02	7.0	40.0	26.02	7.0	40.0	—	—	—
Excavating and loading machine operators	23.53	19.1	40.0	23.53	19.1	40.0	—	—	—
Grader, dozer, and scraper operators	20.28	10.3	40.0	22.02	12.6	40.0	—	—	—
Industrial truck and tractor equipment operators	13.22	6.1	38.6	13.79	6.5	38.2	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	18.70	15.3	37.8	20.37	12.1	37.4	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.59	2.3	35.5	11.61	2.3	35.5	11.18	4.4	36.0
Nursery workers	9.12	19.9	34.7	9.12	19.9	34.7	—	—	—
Supervisors, agriculture-related workers	15.81	11.2	40.0	15.81	11.2	40.0	—	—	—
Groundskeepers and gardeners, except farm	13.60	7.9	39.3	13.46	8.5	39.2	14.49	17.3	40.0
Animal caretakers, except farm	9.37	16.3	28.6	9.37	16.3	28.6	—	—	—
Inspectors, agricultural products	9.06	15.1	39.8	9.03	16.0	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.40	13.8	40.4	17.43	14.1	40.4	—	—	—
Helpers, mechanics and repairers	11.96	13.9	36.2	11.98	14.5	36.1	—	—	—
Helpers, construction trades	12.48	10.6	38.3	12.43	10.5	38.3	—	—	—
Construction laborers	18.39	7.0	38.7	18.61	6.9	39.0	—	—	—
Production helpers	9.66	3.6	39.0	9.66	3.6	39.0	—	—	—
Stock handlers and baggers	10.74	5.3	30.4	10.80	5.4	30.7	9.11	5.5	22.7
Machine feeders and offbearers	9.89	12.3	38.7	9.90	13.0	38.6	—	—	—

See footnotes at end of table.

TABLE 4-13. Pacific census division:¹ Mean hourly earnings² and weekly hours by metropolitan and nonmetropolitan areas³ for selected occupations, National Compensation Survey,⁴ July 2002—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.	\$12.86	3.6	34.6	\$12.75	3.5	34.4	—	—	—
Garage and service station related	8.99	5.6	33.1	8.97	5.7	33.0	—	—	—
Vehicle washers and equipment cleaners	9.21	7.6	38.3	9.24	7.8	38.3	—	—	—
Hand packers and packagers	9.02	4.4	38.6	9.02	4.4	38.6	—	—	—
Laborers, except construction, n.e.c.	10.73	3.2	36.0	10.83	3.2	35.7	—	—	—
Service									
Protective service	11.84	1.9	31.9	11.89	2.0	32.1	\$11.08	9.1	29.2
Supervisors, firefighters and fire prevention	20.52	2.7	37.9	20.63	2.7	37.8	17.29	11.3	40.6
Supervisors, police and detectives	30.90	9.7	50.7	31.64	9.1	51.0	—	—	—
Supervisors, police and detectives	37.28	2.1	40.0	37.28	2.1	40.0	—	—	—
Supervisors, guards	25.53	16.6	40.0	25.53	16.6	40.0	—	—	—
Firefighting	21.10	13.0	34.4	21.51	13.3	34.0	—	—	—
Police and detectives, public service	28.25	2.2	39.3	28.58	2.3	39.3	21.75	9.7	40.0
Sheriffs, bailiffs, and other law enforcement officers	23.35	2.3	39.5	23.61	2.3	39.4	—	—	—
Correctional institution officers	22.10	6.2	40.0	22.31	6.3	40.0	—	—	—
Guards and police, except public service	10.83	8.2	36.0	10.83	8.4	35.9	—	—	—
Protective service, n.e.c.	16.88	14.1	34.1	16.90	14.3	34.1	—	—	—
Food service	8.66	2.9	28.7	8.69	3.1	28.8	8.19	3.6	27.1
Waiters, waitresses, and bartenders	7.28	2.2	27.1	7.22	2.4	27.4	7.94	8.7	24.5
Bartenders	8.60	8.0	26.0	8.53	8.4	27.3	—	—	—
Waiters and waitresses	7.10	1.9	27.4	7.03	1.9	27.4	7.69	6.6	27.7
Waiters/Waitresses' assistants	7.09	1.2	26.8	7.08	1.2	27.4	—	—	—
Other food service	9.09	3.8	29.2	9.12	3.9	29.2	8.36	4.9	29.1
Supervisors, food preparation and service	13.90	6.1	40.9	13.91	6.1	40.9	—	—	—
Cooks	9.46	3.7	35.2	9.43	4.0	35.2	10.05	7.2	36.4
Kitchen workers, food preparation	8.36	2.5	30.7	8.31	2.7	30.7	—	—	—
Food preparation, n.e.c.	7.77	2.6	24.5	7.76	2.6	24.5	8.28	11.8	27.1
Health service	12.50	5.9	34.3	12.60	6.1	34.5	10.88	9.2	31.1
Dental assistants	18.49	6.2	32.3	18.49	6.2	32.3	—	—	—
Health aides, except nursing	13.91	2.3	35.5	13.93	2.4	35.8	13.36	3.2	28.8
Nursing aides, orderlies and attendants	10.60	3.8	34.0	10.64	4.0	34.2	10.21	8.2	31.7
Cleaning and building service	10.63	3.3	36.9	10.76	3.7	37.6	8.71	9.4	28.7
Supervisors, cleaning and building service workers	12.00	10.5	40.4	13.23	8.2	40.6	9.99	25.2	40.0
Maids and housemen	8.72	2.1	34.3	8.83	2.2	36.4	7.69	2.9	21.6
Janitors and cleaners	11.10	4.3	37.7	11.19	4.6	38.0	8.68	5.6	31.3
Personal service	12.97	5.1	26.8	12.32	3.6	26.7	19.12	20.1	28.4
Supervisors, personal service	16.14	8.6	39.9	16.30	5.9	39.8	—	—	—
Hairdressers and cosmetologists	20.21	20.0	28.9	14.56	13.9	28.4	—	—	—
Attendants, amusement, and recreation facilities	8.83	7.9	24.6	8.69	8.5	25.1	—	—	—
Guides	—	—	—	12.56	14.2	24.1	—	—	—
Public transportation attendants	30.35	5.7	20.8	30.35	5.7	20.8	—	—	—
Baggage porters and bellhops	8.06	5.7	36.7	7.92	5.9	36.4	—	—	—
Welfare service aides	10.58	4.9	28.3	10.58	4.9	28.3	—	—	—
Early childhood teachers' assistants	10.04	5.3	23.9	10.03	5.5	23.7	—	—	—
Child care workers, n.e.c.	11.36	20.1	20.4	11.46	20.8	20.5	—	—	—
Service, n.e.c.	12.21	5.3	30.7	11.88	5.3	31.0	17.84	14.6	25.2

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 A metropolitan area 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

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

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 2002 National Compensation Survey (NCS) included 22,445 establishments representing nearly 84 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 available at the time the sample was selected. The reference month for the private sector varied by area. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated. Approximately one-fifth of the sample is reselected each year.

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 December 2001 and January 2003. The average payroll reference month was July 2002. 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 vs. part-time, union vs. nonunion, and time vs. incentive
4. Determination of the level of work of each job

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

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

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

The number of jobs for which data were collected in each establishment was based on the establishment's employment size. Prior to 2002, the number of jobs selected ranged from 8 to 20. Beginning in 2002, the number of jobs selected followed this schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
1-49	4*
50-249	6
250 and over	8

* 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 were 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, tips, 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>).

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>). 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 logic. 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.

The percentiles are computed using earnings reported for individual workers in sampled establishment jobs. Establishments in the survey may report only individual-worker earnings for each sampled job. For the calculation of percentile estimates, the individual-worker hourly earnings are appropriately weighted and then arrayed from lowest to highest.

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 number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation’s scheduled hours of work.

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

Estimates of the number of workers 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 \$17.18 for all workers, with a relative standard error of 0.8 percent for this estimate. At the 90-percent level, the confidence interval for the estimate is \$16.90 to \$17.46 ($\$17.18 \times 1.645 \times 0.008 = \0.2828 , round to \$0.28; $\$17.18 - \$0.28 = \$16.90$; $\$17.18 + \$0.28 = \$17.46$). 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 July 2002

Occupational group	All industries	Private industry	State and local government
All	83,886,200	70,298,300	13,587,900
All, excluding sales	75,683,500	62,140,700	13,542,800
White collar	43,504,400	34,318,800	9,185,600
White collar, excluding sales	35,301,700	26,161,200	9,140,600
Professional specialty and technical	15,030,300	9,590,500	5,439,900
Professional specialty occupations	11,838,000	6,823,200	5,014,700
Technical occupations	3,192,400	2,767,200	425,100
Executive, administrative, and managerial	6,345,200	5,197,400	1,147,800
Sales	8,202,700	8,157,700	45,000
Administrative support, including clerical	13,926,100	11,373,300	2,552,900
Blue collar	23,519,700	22,138,300	1,381,400
Precision production, craft, and repair	7,676,200	7,140,800	535,400
Machine operators, assemblers, and inspectors	6,083,800	6,057,800	25,900
Transportation and material moving	4,015,800	3,500,700	515,200
Handlers, equipment cleaners, helpers, and laborers	5,743,900	5,439,000	305,000
Service	16,862,100	13,841,200	3,020,900

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

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

³ This survey covers all 50 States. Data were collected between December 2001 and January 2003. The average reference period was July 2002.

TABLE B. Number of establishments studied by industry group and establishment employment size, United States, National Compensation Survey,¹ July 2002

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	22,445	8,697	7,609	2,190	2,189	1,009	751
Private Industry	19,797	8,430	6,691	1,703	1,741	755	477
Goods-producing industries	5,347	1,903	2,078	584	447	206	129
Mining	201	116	62	14	7	2	—
Construction	876	639	206	22	7	2	—
Manufacturing	4,270	1,148	1,810	548	433	202	129
Durable goods	2,618	673	1,036	341	300	161	107
Nondurable goods	1,652	475	774	207	133	41	22
Service-producing industries	14,450	6,527	4,613	1,119	1,294	549	348
Transportation and utilities	1,470	509	467	166	190	65	73
Wholesale trade	916	548	279	42	32	10	5
Retail trade	3,328	2,014	1,095	111	86	18	4
Finance, insurance and real estate	1,610	820	332	133	159	87	79
Services	7,126	2,636	2,440	667	827	369	187
State and local government	2,648	267	918	487	448	254	274

¹ This survey covers all 50 States. Collection was conducted between December 2001 and January 2003. The average reference period was July 2002.

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. 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 Tilers
- 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 knowledges. 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) supplemented

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 mov-

ing 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 combination 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 establishments.

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-Niagara 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
Georgetown, SC	County

Survey areas**Geographic coverage⁵**

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
Morgan, IL	County

Survey areas**Geographic coverage⁵**

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
Taylor, KY	County
Tunica, MS	County
Vermilion, LA	Parish
Visalia-Tulare-Porterville, CA*	MSA

Survey areas	Geographic coverage ⁵
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>.