

Dallas-Fort Worth, TX National Compensation Survey July 1998



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Preface

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

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

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

2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or call (202) 606-6199, or send e-mail to ocltinfo@bls.gov.

The data contained in this bulletin are also available at <http://stats.bls.gov/comhome.htm>, the BLS Internet site. Data are in three formats: An ASCII file containing the published table formats; an ASCII file containing positional columns of data for manipulation as a data base or spreadsheet; and a Portable Document Format (PDF) file containing the entire bulletin.

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

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Introduction

The tables in this bulletin summarize the NCS results for the Dallas-Fort Worth, TX, metropolitan area. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and several appendixes with detailed information on occupational classifications and the generic leveling methodology.

NCS products

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

Ongoing changes

The NCS is implementing changes to its sample design and timing of data collection and publication. Because of these ongoing changes, it is not possible to produce median wages and other wage percentiles for this area publication. Estimates describing the distribution of wages by occupation will be published for the next survey of this area in the late spring of 2000.

About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 480 detailed occupations are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households), as explained in Appendix A. The table footnotes include information on survey concepts and definitions.

Table 1-1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and

establishment characteristics. The worker characteristics include major occupational group, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods and service producing (within private industry) and size of establishment.

Table 2-1 presents estimates of mean hourly earnings, and the relative standard errors associated with them, for detailed occupations within all industries, private industry, and State and local government. Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondents or if the data are insufficient to support reliable estimates. Table 2-2 presents the same type of information only for full-time workers. Table 2-3 provides similar data for workers designated as part-time.

Table 3-1 presents mean weekly earnings data, with relative standard errors, and weekly hours for full-time employees in specific occupations across all industries, private industry, and State and local government. The mean hours reflect hours employees are scheduled to work, excluding overtime hours. Table 3-2 provides annual earnings, relative standard error, and annual hours for full-time employees in specific occupations.

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

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

Appendix table 1 provides the employment scope of this survey. The occupation employment estimates relate to all employers in the area, rather than just those surveyed. Appendix table 2 presents the number of establishments studied by industry group and employment size.

Table 1-1. Summary: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³
	Mean	Relative error ² (percent)		Mean	Relative error ² (percent)		Mean	Relative error ² (percent)	
Total	\$16.34	2.3	37.4	\$16.07	2.7	37.2	\$17.86	1.8	38.1
Worker characteristics:⁴									
White-collar occupations ⁵	20.45	2.2	38.0	20.49	2.6	38.0	20.27	2.0	38.0
Professional specialty and technical	24.81	2.5	37.9	25.55	3.2	38.2	22.87	1.7	37.3
Executive, administrative, and managerial	28.73	2.9	40.1	29.27	3.3	40.1	25.29	4.4	40.4
Sales	13.59	5.4	34.5	13.60	5.4	34.5	-	-	-
Administrative support	12.27	1.6	38.4	12.48	1.8	38.4	11.06	2.2	38.5
Blue-collar occupations ⁵	12.23	2.6	38.6	12.19	2.7	38.6	12.99	3.4	38.3
Precision production, craft, and repair	15.46	3.1	40.2	15.57	3.4	40.2	14.56	3.6	39.9
Machine operators, assemblers, and inspectors	11.17	3.8	39.6	11.17	3.8	39.6	-	-	-
Transportation and material moving	13.43	6.6	39.8	13.63	7.1	40.3	11.56	2.7	35.8
Handlers, equipment cleaners, helpers, and laborers	9.28	3.2	35.7	9.26	3.3	35.6	10.13	6.4	37.9
Service occupations ⁵	8.85	4.6	33.4	7.70	5.1	32.2	12.97	3.4	38.4
Full time	17.02	2.3	39.8	16.81	2.7	39.9	18.13	1.9	39.6
Part time	8.40	4.5	21.7	8.27	4.8	22.0	10.20	4.7	18.3
Union	18.91	8.1	35.7	18.91	8.1	35.7	-	-	-
Nonunion	16.11	2.4	37.5	15.77	2.9	37.4	17.86	1.8	38.1
Time	16.32	2.3	37.2	16.03	2.8	37.1	17.83	1.8	38.1
Incentive	16.79	8.9	39.9	16.69	8.9	39.9	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	16.96	2.8	40.0	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	15.70	3.7	36.2	(⁶)	(⁶)	(⁶)
50-99 workers	11.98	5.2	35.8	11.98	5.2	35.8	-	-	-
100-499 workers	13.85	4.3	37.7	13.75	4.6	37.7	15.62	4.9	38.2
500 workers or more	19.38	2.6	37.6	19.81	3.4	37.4	18.20	2.0	38.1

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 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.

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

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.

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

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$16.34	2.3	\$16.07	2.7	\$17.86	1.8
All excluding sales	16.55	2.3	16.29	2.8	17.88	1.8
White collar	20.45	2.2	20.49	2.6	20.27	2.0
White collar excluding sales	21.42	2.1	21.70	2.6	20.30	2.0
Professional specialty and technical	24.81	2.5	25.55	3.2	22.87	1.7
Professional specialty	25.53	1.8	26.34	2.3	23.75	1.6
Engineers, architects, and surveyors	28.75	2.4	28.79	2.5	—	—
Electrical and electronic engineers	28.76	5.1	28.76	5.1	—	—
Industrial engineers	22.95	7.1	22.95	7.1	—	—
Mechanical engineers	26.56	5.4	26.56	5.4	—	—
Engineers, n.e.c.	31.32	3.9	31.43	3.9	—	—
Mathematical and computer scientists	28.23	3.6	28.29	3.6	—	—
Computer systems analysts and scientists	28.29	4.1	28.37	4.1	—	—
Natural scientists	44.02	8.1	45.84	7.6	—	—
Geologists and geodesists	45.84	7.6	45.84	7.6	—	—
Health related	20.65	2.3	20.58	2.4	21.02	6.5
Registered nurses	20.08	2.3	19.88	2.3	21.48	8.0
Pharmacists	23.88	8.6	25.35	7.9	—	—
Teachers, college and university	30.55	6.0	26.79	7.4	31.92	7.5
Medical science teachers	45.47	9.1	—	—	—	—
Teachers, post secondary, subject not specified ..	27.89	8.3	24.63	10.9	28.46	9.3
Teachers, except college and university	22.53	1.7	15.51	11.6	23.13	1.1
Prekindergarten and kindergarten	17.54	17.5	—	—	22.07	3.2
Elementary school teachers	22.53	1.2	—	—	22.81	.7
Secondary school teachers	23.60	1.6	24.84	8.7	23.56	1.7
Teachers, special education	22.06	2.6	—	—	22.06	2.6
Teachers, n.e.c.	21.30	3.0	15.67	5.3	23.21	2.6
Vocational and educational counselors	25.08	10.8	—	—	27.47	9.4
Librarians, archivists, and curators	18.01	11.8	—	—	20.31	9.8
Librarians	18.01	11.8	—	—	20.31	9.8
Social scientists and urban planners	24.19	5.7	22.56	10.0	25.65	5.7
Psychologists	26.09	5.7	—	—	26.91	4.9
Social, recreation, and religious workers	13.33	6.9	12.58	11.7	14.04	6.9
Social workers	14.16	7.6	—	—	14.15	7.1
Lawyers and judges	38.03	4.8	—	—	37.82	14.8
Lawyers	37.36	5.1	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.29	7.8	27.32	7.9	—	—
Designers	20.49	21.6	20.49	21.6	—	—
Editors and reporters	21.13	4.9	21.13	4.9	—	—
Technical	22.09	11.0	23.19	12.1	15.00	5.2
Clinical laboratory technologists and technicians	14.61	4.6	14.75	5.4	—	—
Radiologic technicians	16.09	8.0	16.65	11.0	—	—
Licensed practical nurses	13.95	2.7	14.25	2.4	—	—
Health technologists and technicians, n.e.c.	12.59	7.7	12.44	8.7	—	—
Electrical and electronic technicians	16.87	2.6	16.76	2.5	—	—
Engineering technicians, n.e.c.	16.16	9.3	—	—	—	—
Drafters	16.64	5.0	16.64	5.0	—	—
Airplane pilots and navigators	95.50	22.6	95.50	22.6	—	—
Computer programmers	21.51	8.0	21.50	8.2	—	—
Technical and related, n.e.c.	15.21	13.0	15.20	16.8	—	—
Executive, administrative, and managerial	28.73	2.9	29.27	3.3	25.29	4.4
Executives, administrators, and managers	33.41	3.3	34.32	3.7	28.11	4.3
Administrators and officials, public administration	25.94	6.3	—	—	25.94	6.3
Financial managers	36.14	7.6	36.43	8.4	—	—
Personnel and labor relations managers	35.49	13.0	—	—	—	—
Managers, marketing, advertising, and public relations	38.50	7.0	38.61	7.1	—	—
Administrators, education and related fields	27.89	5.0	25.01	8.9	29.35	5.8
Managers, medicine and health	36.18	8.6	36.04	9.3	—	—
Managers, service organizations, n.e.c.	24.34	10.9	—	—	20.25	19.9
Managers and administrators, n.e.c.	35.35	4.5	35.52	4.6	29.50	11.6
Management related	21.20	3.5	21.39	3.8	19.76	8.6

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar –Continued						
Executive, administrative, and managerial –Continued						
Management related –Continued						
Accountants and auditors	\$20.00	5.1	\$20.01	5.2	–	–
Other financial officers	23.21	15.1	23.64	15.7	–	–
Management analysts	25.25	6.8	25.67	6.6	–	–
Personnel, training, and labor relations specialists	20.25	5.4	20.13	5.1	–	–
Purchasing agents and buyers, n.e.c.	22.74	6.9	23.58	6.6	–	–
Inspectors and compliance officers, except construction	18.00	6.2	19.22	6.5	–	–
Management related, n.e.c.	21.75	5.8	21.62	6.5	\$22.46	10.2
Sales	13.59	5.4	13.60	5.4	–	–
Supervisors, sales	17.00	8.5	17.00	8.5	–	–
Securities and financial services sales	16.16	12.2	16.16	12.2	–	–
Advertising and related sales	28.01	14.2	28.01	14.2	–	–
Sales, other business services	15.18	12.3	15.18	12.3	–	–
Sales representatives, mining, manufacturing, and wholesale	22.06	7.7	22.06	7.7	–	–
Sales workers, motor vehicles and boats	16.23	19.5	16.23	19.5	–	–
Sales workers, other commodities	10.72	34.7	10.72	34.7	–	–
Cashiers	6.93	2.7	6.87	2.8	–	–
Sales support, n.e.c.	11.03	7.3	11.03	7.3	–	–
Administrative support, including clerical	12.27	1.6	12.48	1.8	11.06	2.2
Supervisors, general office	17.50	6.6	17.65	7.0	–	–
Supervisors, financial records processing	18.46	7.6	18.46	7.6	–	–
Computer operators	13.53	4.6	13.69	5.4	–	–
Secretaries	14.03	2.6	14.48	3.1	12.56	3.6
Interviewers	10.14	5.2	10.64	2.7	–	–
Transportation ticket and reservation agents	12.34	7.4	12.34	7.4	–	–
Receptionists	10.00	4.4	10.09	4.5	–	–
Information clerks, n.e.c.	10.92	6.1	10.87	7.4	–	–
Order clerks	12.63	4.6	12.63	4.6	–	–
Personnel clerks, except payroll and timekeeping	12.82	8.9	12.25	9.2	–	–
Library clerks	9.26	6.2	–	–	9.27	7.0
File clerks	11.33	13.3	–	–	–	–
Records clerks, n.e.c.	10.71	3.8	10.42	4.5	11.19	5.4
Bookkeepers, accounting and auditing clerks	12.14	3.7	12.41	4.1	10.82	5.1
Billing clerks	11.56	15.4	11.85	16.3	–	–
Telephone operators	9.90	4.3	9.97	4.3	–	–
Mail clerks, except postal service	9.10	5.3	9.10	5.3	–	–
Dispatchers	13.48	15.3	–	–	12.07	6.9
Traffic, shipping and receiving clerks	11.14	7.5	11.17	7.5	–	–
Stock and inventory clerks	10.39	11.5	10.34	12.4	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	12.57	12.6	12.57	12.6	–	–
Insurance adjusters, examiners, and investigators	15.32	12.6	15.19	13.7	–	–
Investigators and adjusters, except insurance	12.14	3.7	12.29	3.5	–	–
Bill and account collectors	11.49	2.4	11.59	2.3	–	–
General office clerks	10.76	2.8	11.08	3.2	9.45	4.4
Bank tellers	10.65	8.1	10.65	8.1	–	–
Data entry keyers	9.26	7.5	9.23	8.9	–	–
Teachers' aides	9.13	2.9	–	–	9.17	2.8
Administrative support, n.e.c.	11.59	3.3	11.63	3.4	–	–
Blue collar	12.23	2.6	12.19	2.7	12.99	3.4
Precision production, craft, and repair	15.46	3.1	15.57	3.4	14.56	3.6
Supervisors, mechanics and repairers	23.95	13.8	25.87	15.8	–	–
Automobile mechanics	16.33	6.7	16.31	6.9	–	–
Bus, truck, and stationary engine mechanics	14.33	7.1	14.84	7.3	–	–

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Aircraft engine mechanics	\$19.85	5.1	\$19.85	5.1	—	—
Industrial machinery repairers	14.76	5.1	14.91	5.2	—	—
Electronic repairers, communications and industrial equipment	21.01	2.6	21.08	2.6	—	—
Heating, air conditioning, and refrigeration mechanics	16.21	6.6	—	—	—	—
Mechanics and repairers, n.e.c.	15.65	11.5	16.94	12.2	\$12.95	6.0
Supervisors, construction trades, n.e.c.	18.80	7.6	—	—	—	—
Carpenters	11.90	9.6	11.42	11.5	—	—
Electricians	19.27	13.0	—	—	—	—
Plumbers, pipefitters and steamfitters	16.76	6.8	—	—	—	—
Construction trades, n.e.c.	13.22	5.0	—	—	12.65	7.1
Supervisors, production	18.52	7.1	18.59	7.2	—	—
Precision assemblers, metal	16.77	11.0	16.77	11.0	—	—
Sheet metal workers	14.78	10.6	14.78	10.6	—	—
Electrical and electronic equipment assemblers ..	9.98	4.5	9.98	4.5	—	—
Butchers and meat cutters	13.81	3.1	13.81	3.1	—	—
Inspectors, testers, and graders	13.59	5.6	12.81	3.8	—	—
Stationary engineers	13.64	10.0	—	—	—	—
Machine operators, assemblers, and inspectors						
Numerical control machine operators	11.17	3.8	11.17	3.8	—	—
Fabricating machine operators, n.e.c.	17.05	9.0	17.05	9.0	—	—
Printing press operators	11.54	12.5	11.54	12.5	—	—
Textile sewing machine operators	14.67	9.6	14.67	9.6	—	—
Packaging and filling machine operators	6.57	12.1	6.57	12.1	—	—
Extruding and forming machine operators	10.82	4.3	10.82	4.3	—	—
Slicing and cutting machine operators	10.46	17.2	10.46	17.2	—	—
Miscellaneous machine operators, n.e.c.	10.67	14.5	10.67	14.5	—	—
Welders and cutters	10.82	9.4	10.82	9.4	—	—
Assemblers	12.36	6.5	12.36	6.5	—	—
Miscellaneous hand working, n.e.c.	11.65	5.8	11.65	5.8	—	—
Production inspectors, checkers and examiners ..	9.11	18.3	9.11	18.3	—	—
Production testers	11.42	7.3	11.42	7.3	—	—
Truck drivers	11.68	11.4	11.68	11.4	—	—
Transportation and material moving						
Truck drivers	13.43	6.6	13.63	7.1	11.56	2.7
Bus drivers	13.98	6.5	14.29	6.8	10.49	3.5
Industrial truck and tractor equipment operators ..	11.18	5.3	—	—	12.14	3.9
Miscellaneous material moving equipment operators, n.e.c.	10.85	8.7	10.80	9.7	—	—
Handlers, equipment cleaners, helpers, and laborers						
Groundskeepers and gardeners, except farm	9.28	3.2	9.26	3.3	10.13	6.4
Construction laborers	8.15	11.2	7.94	11.9	—	—
Production helpers	7.20	1.9	7.13	1.7	—	—
Stock handlers and baggers	8.42	11.7	8.42	11.7	—	—
Freight, stock, and material handlers, n.e.c.	8.33	5.1	8.33	5.1	—	—
Vehicle washers and equipment cleaners	11.22	8.1	11.29	8.3	—	—
Hand packers and packagers	9.79	8.2	9.79	8.2	—	—
Laborers, except construction, n.e.c.	9.99	4.9	9.99	4.9	—	—
Service						
Protective service	8.85	4.6	7.70	5.1	12.97	3.4
Supervisors, firefighters and fire prevention	12.38	7.1	8.36	6.9	16.58	3.0
Supervisors, police and detectives	18.61	5.7	—	—	18.61	5.7
Supervisors, guards	23.74	3.9	—	—	23.74	3.9
Firefighting	17.64	19.8	—	—	—	—
Police and detectives, public service	14.49	3.2	—	—	14.49	3.2
Sheriffs, bailiffs, and other law enforcement officers	19.42	2.8	—	—	19.42	2.8
Correctional institution officers	14.48	1.3	—	—	14.48	1.3
	11.18	2.2	—	—	11.18	2.2

See footnotes at end of table.

Table 2-1. Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Service —Continued						
Protective service—Continued						
Guards and police, except public service	\$7.92	5.4	\$7.88	5.5	—	—
Food service	6.79	5.4	6.57	6.2	\$8.36	5.7
Supervisors, food preparation and service	11.09	9.1	10.90	10.6	—	—
Waiters and waitresses	3.94	22.9	3.94	22.9	—	—
Cooks	7.88	7.4	7.79	8.7	8.35	4.4
Food counter, fountain, and related	5.72	4.8	5.62	5.4	—	—
Kitchen workers, food preparation	7.62	4.5	7.57	5.6	7.78	6.8
Waiters/Waitresses' assistants	7.64	20.2	7.64	20.2	—	—
Food preparation, n.e.c.	6.13	2.8	5.75	1.9	7.63	4.7
Health service	7.86	2.8	7.71	3.0	9.82	7.9
Health aides, except nursing	8.45	3.9	8.21	3.4	9.55	11.8
Nursing aides, orderlies and attendants	7.64	3.6	7.58	3.8	—	—
Cleaning and building service	7.04	7.2	6.43	5.0	10.00	6.9
Supervisors, cleaning and building service workers	13.95	8.1	—	—	—	—
Maids and housemen	5.96	3.7	5.96	3.7	—	—
Janitors and cleaners	6.75	6.4	6.31	4.7	9.02	3.9
Personal service	13.25	17.6	14.11	20.8	9.65	5.2
Early childhood teachers' assistants	8.32	5.4	6.94	4.9	9.64	3.2
Service, n.e.c.	7.38	7.1	—	—	—	—

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, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers.

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

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

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$17.02	2.3	\$16.81	2.7	\$18.13	1.9
All excluding sales	17.14	2.4	16.93	2.9	18.14	1.9
White collar	21.02	2.1	21.15	2.6	20.44	2.0
White collar excluding sales	21.70	2.1	22.02	2.6	20.46	2.0
Professional specialty and technical	25.01	2.5	25.80	3.3	22.98	1.7
Professional specialty	25.70	1.8	26.56	2.3	23.86	1.6
Engineers, architects, and surveyors	28.73	2.4	28.78	2.5	—	—
Electrical and electronic engineers	28.76	5.1	28.76	5.1	—	—
Industrial engineers	22.95	7.1	22.95	7.1	—	—
Mechanical engineers	26.56	5.4	26.56	5.4	—	—
Engineers, n.e.c.	31.31	4.0	31.42	4.0	—	—
Mathematical and computer scientists	28.20	3.6	28.27	3.6	—	—
Computer systems analysts and scientists	28.26	4.2	28.34	4.2	—	—
Natural scientists	44.02	8.1	45.84	7.6	—	—
Geologists and geodesists	45.84	7.6	45.84	7.6	—	—
Health related	20.39	2.4	20.26	2.5	21.05	6.6
Registered nurses	20.09	2.5	19.85	2.5	21.54	8.3
Pharmacists	23.82	9.0	25.38	8.5	—	—
Teachers, college and university	31.57	6.2	26.94	7.5	33.43	7.8
Medical science teachers	45.47	9.1	—	—	—	—
Teachers, post secondary, subject not specified ..	29.81	9.0	—	—	—	—
Teachers, except college and university	22.65	1.7	15.64	12.7	23.21	1.0
Prekindergarten and kindergarten	17.55	17.6	—	—	22.07	3.2
Elementary school teachers	22.59	1.2	—	—	22.87	.7
Secondary school teachers	23.61	1.6	25.15	8.0	23.56	1.7
Teachers, special education	22.06	2.6	—	—	22.06	2.6
Teachers, n.e.c.	22.54	2.8	17.35	9.1	—	—
Vocational and educational counselors	25.01	11.0	—	—	27.42	9.6
Librarians, archivists, and curators	18.58	12.1	—	—	20.31	9.8
Librarians	18.58	12.1	—	—	20.31	9.8
Social scientists and urban planners	24.19	5.7	22.56	10.0	25.65	5.7
Psychologists	26.09	5.7	—	—	26.91	4.9
Social, recreation, and religious workers	13.41	7.4	12.68	13.4	14.04	6.9
Social workers	14.33	8.5	—	—	14.15	7.1
Lawyers and judges	38.03	4.8	—	—	37.82	14.8
Lawyers	37.36	5.1	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.87	7.7	27.91	7.8	—	—
Designers	21.35	22.4	21.35	22.4	—	—
Editors and reporters	21.13	4.9	21.13	4.9	—	—
Technical	22.38	11.3	23.53	12.4	15.00	5.4
Clinical laboratory technologists and technicians	14.92	3.9	15.13	4.6	—	—
Radiologic technicians	16.09	8.0	16.65	11.0	—	—
Licensed practical nurses	13.59	2.6	13.92	2.2	—	—
Health technologists and technicians, n.e.c.	12.46	7.3	12.26	8.1	—	—
Electrical and electronic technicians	16.87	2.6	16.76	2.5	—	—
Engineering technicians, n.e.c.	16.16	9.3	—	—	—	—
Drafters	16.64	5.0	16.64	5.0	—	—
Airplane pilots and navigators	95.50	22.6	95.50	22.6	—	—
Computer programmers	21.51	8.0	21.50	8.2	—	—
Technical and related, n.e.c.	15.06	13.0	15.00	16.8	—	—
Executive, administrative, and managerial	28.79	2.9	29.34	3.3	25.29	4.4
Executives, administrators, and managers	33.44	3.3	34.36	3.7	28.11	4.3
Administrators and officials, public administration	25.94	6.3	—	—	25.94	6.3
Financial managers	36.14	7.6	36.43	8.4	—	—
Personnel and labor relations managers	35.49	13.0	—	—	—	—
Managers, marketing, advertising, and public relations	39.00	7.0	39.13	7.1	—	—
Administrators, education and related fields	27.89	5.0	24.99	8.9	29.35	5.8
Managers, medicine and health	36.18	8.6	36.04	9.3	—	—
Managers, service organizations, n.e.c.	24.34	10.9	—	—	20.25	19.9
Managers and administrators, n.e.c.	35.35	4.5	35.52	4.6	29.50	11.6
Management related	21.25	3.5	21.46	3.8	19.76	8.6

See footnotes at end of table.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar –Continued						
Executive, administrative, and managerial –Continued						
Management related –Continued						
Accountants and auditors	\$19.98	5.1	\$19.99	5.2	–	–
Other financial officers	23.21	15.1	23.64	15.7	–	–
Management analysts	25.25	6.8	25.67	6.6	–	–
Personnel, training, and labor relations specialists	20.25	5.4	20.13	5.1	–	–
Purchasing agents and buyers, n.e.c.	22.74	6.9	23.58	6.6	–	–
Inspectors and compliance officers, except construction	18.00	6.2	19.22	6.5	–	–
Management related, n.e.c.	21.96	5.8	21.86	6.6	\$22.46	10.2
Sales	15.17	5.2	15.20	5.2	–	–
Supervisors, sales	17.09	8.6	17.09	8.6	–	–
Securities and financial services sales	16.16	12.2	16.16	12.2	–	–
Advertising and related sales	28.88	14.2	28.88	14.2	–	–
Sales, other business services	16.45	9.1	16.45	9.1	–	–
Sales representatives, mining, manufacturing, and wholesale	22.06	7.7	22.06	7.7	–	–
Sales workers, motor vehicles and boats	16.23	19.5	16.23	19.5	–	–
Sales workers, other commodities	14.04	43.4	14.04	43.4	–	–
Cashiers	7.43	4.1	7.34	4.2	–	–
Sales support, n.e.c.	11.33	7.6	11.33	7.6	–	–
Administrative support, including clerical	12.49	1.6	12.72	1.8	11.16	2.2
Supervisors, general office	17.50	6.6	17.65	7.0	–	–
Supervisors, financial records processing	18.46	7.6	18.46	7.6	–	–
Computer operators	13.53	4.6	13.69	5.4	–	–
Secretaries	14.09	2.6	14.52	3.1	12.68	3.5
Interviewers	10.14	5.2	10.64	2.7	–	–
Transportation ticket and reservation agents	12.55	7.4	12.55	7.4	–	–
Receptionists	10.36	4.6	10.48	4.6	–	–
Information clerks, n.e.c.	12.90	3.8	13.37	3.1	–	–
Order clerks	12.76	4.3	12.76	4.3	–	–
Personnel clerks, except payroll and timekeeping	13.02	9.5	–	–	–	–
Records clerks, n.e.c.	10.75	3.9	10.44	4.8	11.24	5.4
Bookkeepers, accounting and auditing clerks	12.29	3.8	12.60	4.2	10.82	5.1
Billing clerks	11.56	15.4	11.85	16.3	–	–
Telephone operators	9.90	4.3	9.97	4.3	–	–
Dispatchers	13.48	15.3	–	–	12.07	6.9
Traffic, shipping and receiving clerks	11.45	7.7	11.48	7.7	–	–
Stock and inventory clerks	10.43	11.7	10.38	12.5	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	12.75	12.3	12.75	12.3	–	–
Insurance adjusters, examiners, and investigators	15.32	12.6	15.19	13.7	–	–
Investigators and adjusters, except insurance	12.14	3.7	12.28	3.5	–	–
Bill and account collectors	11.49	2.4	11.59	2.3	–	–
General office clerks	11.21	2.6	11.59	2.8	9.56	4.9
Bank tellers	10.89	8.5	10.89	8.5	–	–
Data entry keyers	9.35	8.3	9.34	10.0	–	–
Teachers' aides	9.20	3.2	–	–	9.24	3.2
Administrative support, n.e.c.	11.63	3.5	11.67	3.7	–	–
Blue collar	12.50	2.7	12.47	2.8	13.10	3.5
Precision production, craft, and repair	15.48	3.1	15.59	3.5	14.56	3.6
Supervisors, mechanics and repairers	23.95	13.8	25.87	15.8	–	–
Automobile mechanics	16.33	6.7	16.31	6.9	–	–
Bus, truck, and stationary engine mechanics	14.33	7.1	14.84	7.3	–	–
Aircraft engine mechanics	19.85	5.1	19.85	5.1	–	–
Industrial machinery repairers	14.76	5.1	14.91	5.2	–	–

See footnotes at end of table.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Electronic repairers, communications and industrial equipment	\$21.01	2.6	\$21.08	2.6	—	—
Heating, air conditioning, and refrigeration mechanics	16.21	6.6	—	—	—	—
Mechanics and repairers, n.e.c.	15.65	11.5	16.94	12.2	\$12.95	6.0
Supervisors, construction trades, n.e.c.	18.80	7.6	—	—	—	—
Carpenters	11.90	9.6	11.42	11.5	—	—
Electricians	19.27	13.0	—	—	—	—
Plumbers, pipefitters and steamfitters	16.76	6.8	—	—	—	—
Construction trades, n.e.c.	13.22	5.0	—	—	12.65	7.1
Supervisors, production	18.52	7.1	18.59	7.2	—	—
Precision assemblers, metal	16.77	11.0	16.77	11.0	—	—
Sheet metal workers	14.78	10.6	14.78	10.6	—	—
Electrical and electronic equipment assemblers ..	9.98	4.5	9.98	4.5	—	—
Butchers and meat cutters	13.81	3.1	13.81	3.1	—	—
Inspectors, testers, and graders	13.59	5.6	12.81	3.8	—	—
Stationary engineers	13.64	10.0	—	—	—	—
Machine operators, assemblers, and inspectors	11.20	3.9	11.20	3.9	—	—
Numerical control machine operators	17.05	9.0	17.05	9.0	—	—
Fabricating machine operators, n.e.c.	11.54	12.5	11.54	12.5	—	—
Printing press operators	14.67	9.6	14.67	9.6	—	—
Textile sewing machine operators	6.57	12.1	6.57	12.1	—	—
Packaging and filling machine operators	10.82	4.3	10.82	4.3	—	—
Extruding and forming machine operators	10.46	17.2	10.46	17.2	—	—
Slicing and cutting machine operators	10.67	14.5	10.67	14.5	—	—
Miscellaneous machine operators, n.e.c.	10.84	9.5	10.84	9.5	—	—
Welders and cutters	12.36	6.5	12.36	6.5	—	—
Assemblers	11.74	5.9	11.74	5.9	—	—
Miscellaneous hand working, n.e.c.	9.11	18.3	9.11	18.3	—	—
Production inspectors, checkers and examiners ..	11.42	7.3	11.42	7.3	—	—
Production testers	11.68	11.4	11.68	11.4	—	—
Transportation and material moving	13.91	6.6	14.17	7.0	11.69	3.0
Truck drivers	14.00	7.2	14.37	7.6	10.49	3.5
Bus drivers	12.16	7.2	—	—	12.88	4.2
Industrial truck and tractor equipment operators ..	10.86	8.6	10.81	9.7	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.86	12.8	17.07	12.7	—	—
Handlers, equipment cleaners, helpers, and laborers	9.59	3.6	9.57	3.8	10.26	6.7
Groundskeepers and gardeners, except farm	8.15	11.3	7.93	12.0	—	—
Construction laborers	7.30	2.0	—	—	—	—
Production helpers	8.42	11.7	8.42	11.7	—	—
Stock handlers and baggers	9.23	7.9	9.23	7.9	—	—
Freight, stock, and material handlers, n.e.c.	11.45	9.2	11.54	9.4	—	—
Vehicle washers and equipment cleaners	9.79	8.2	9.79	8.2	—	—
Hand packers and packagers	10.21	4.8	10.21	4.8	—	—
Laborers, except construction, n.e.c.	9.53	6.9	9.42	7.4	—	—
Service	9.47	5.6	8.15	6.5	13.37	3.4
Protective service	12.92	7.5	8.50	8.3	16.64	3.0
Supervisors, firefighters and fire prevention	18.61	5.7	—	—	18.61	5.7
Supervisors, police and detectives	23.74	3.9	—	—	23.74	3.9
Supervisors, guards	17.64	19.8	—	—	—	—
Firefighting	14.49	3.2	—	—	14.49	3.2
Police and detectives, public service	19.42	2.8	—	—	19.42	2.8
Sheriffs, bailiffs, and other law enforcement officers	14.48	1.3	—	—	14.48	1.3
Correctional institution officers	11.18	2.2	—	—	11.18	2.2
Guards and police, except public service	7.95	6.6	7.91	6.6	—	—
Food service	7.34	6.0	7.15	6.8	8.77	6.9

See footnotes at end of table.

Table 2-2. Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Service –Continued						
Food service –Continued						
Supervisors, food preparation and service	\$11.24	9.5	\$11.06	11.1	–	–
Waiters and waitresses	4.42	31.4	4.42	31.4	–	–
Cooks	7.95	7.9	7.87	9.5	\$8.35	4.4
Food counter, fountain, and related	6.23	3.3	6.11	3.5	–	–
Kitchen workers, food preparation	7.67	5.3	7.68	5.9	–	–
Waiters/Waitresses' assistants	8.40	18.7	8.40	18.7	–	–
Food preparation, n.e.c.	6.11	3.1	5.77	2.0	8.21	6.1
Health service	7.86	3.0	7.69	3.2	10.21	7.8
Health aides, except nursing	8.45	4.1	8.20	3.6	9.55	11.8
Nursing aides, orderlies and attendants	7.62	4.0	7.56	4.1	–	–
Cleaning and building service	7.29	9.2	6.61	6.9	10.13	6.9
Supervisors, cleaning and building service workers	13.95	8.1	–	–	–	–
Maids and housemen	6.01	4.1	6.01	4.1	–	–
Janitors and cleaners	6.98	8.6	6.48	6.8	9.13	3.8
Personal service	18.16	17.4	22.69	19.2	9.69	5.3
Early childhood teachers' assistants	9.09	5.3	–	–	9.64	3.2

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

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

Table 2-3. Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$8.40	4.5	\$8.27	4.8	\$10.20	4.7
All excluding sales	8.71	5.2	8.59	5.7	10.20	4.7
White collar	10.49	5.9	10.27	6.4	13.19	7.4
White collar excluding sales	13.34	6.9	13.36	7.9	13.19	7.4
Professional specialty and technical	19.09	7.3	19.43	8.3	17.30	7.6
Professional specialty	20.40	8.1	20.99	9.2	17.67	8.7
Engineers, architects, and surveyors	—	—	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	22.71	11.6	22.80	11.9	—	—
Registered nurses	20.05	6.9	20.06	7.3	—	—
Teachers, college and university	19.58	11.6	—	—	19.76	12.2
Teachers, post secondary, subject not specified ..	19.63	13.5	—	—	—	—
Teachers, except college and university	13.34	10.7	14.01	8.3	12.75	18.9
Teachers, n.e.c.	13.79	8.3	13.60	10.1	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and	—	—	—	—	—	—
professionals, n.e.c.	—	—	—	—	—	—
Technical	14.92	7.0	14.89	7.8	—	—
Licensed practical nurses	16.02	4.9	16.02	4.9	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	6.84	3.8	6.84	3.8	—	—
Sales workers, other commodities	6.64	9.2	6.64	9.2	—	—
Cashiers	6.36	2.4	6.36	2.4	—	—
Administrative support, including clerical	8.37	2.6	8.31	2.8	8.81	4.6
Receptionists	7.99	5.3	—	—	—	—
General office clerks	7.34	6.3	6.80	6.0	—	—
Administrative support, n.e.c.	11.19	4.5	11.19	4.5	—	—
Blue collar	8.47	9.3	8.45	9.6	9.36	5.9
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.11	18.0	10.12	19.1	9.89	5.7
Bus drivers	—	—	—	—	9.89	5.7
Handlers, equipment cleaners, helpers, and laborers	7.55	3.7	7.54	3.8	—	—
Stock handlers and baggers	6.39	4.1	6.39	4.1	—	—
Laborers, except construction, n.e.c.	8.14	9.8	8.15	10.4	—	—
Service	6.20	6.6	6.10	7.2	7.36	4.0
Protective service	7.79	6.2	7.76	6.3	8.60	20.1
Guards and police, except public service	7.83	6.5	7.76	6.3	—	—
Food service	5.01	6.2	4.61	7.6	7.31	5.1
Waiters and waitresses	3.36	16.9	3.36	16.9	—	—
Kitchen workers, food preparation	7.37	5.7	—	—	—	—
Food preparation, n.e.c.	6.22	4.7	5.60	2.6	6.92	6.1
Health service	7.89	3.9	7.89	4.6	—	—
Nursing aides, orderlies and attendants	7.82	4.4	7.82	5.4	—	—
Cleaning and building service	5.65	3.4	5.61	3.4	—	—
Janitors and cleaners	5.66	3.6	5.62	3.5	—	—

See footnotes at end of table.

Table 2-3. Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Service —Continued						
Personal service	\$7.41	21.4	\$7.41	21.6	—	—

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

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

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$678	2.3	39.8	\$670	2.7	39.9	\$718	1.9	39.6
All excluding sales	682	2.4	39.8	674	2.8	39.8	719	1.9	39.6
White collar	835	2.1	39.7	842	2.5	39.8	806	2.0	39.5
White collar excluding sales	861	2.1	39.7	875	2.5	39.7	807	2.0	39.5
Professional specialty and technical	981	2.2	39.2	1,013	2.9	39.3	901	1.7	39.2
Professional specialty	1,018	1.9	39.6	1,057	2.4	39.8	934	1.6	39.2
Engineers, architects, and surveyors	1,152	2.4	40.1	1,154	2.5	40.1	-	-	-
Electrical and electronic engineers	1,138	5.4	39.6	1,138	5.4	39.6	-	-	-
Industrial engineers	939	6.7	40.9	939	6.7	40.9	-	-	-
Mechanical engineers	1,063	5.4	40.0	1,063	5.4	40.0	-	-	-
Engineers, n.e.c.	1,261	3.9	40.3	1,266	3.9	40.3	-	-	-
Mathematical and computer scientists	1,129	3.6	40.0	1,132	3.6	40.0	-	-	-
Computer systems analysts and scientists	1,132	4.2	40.1	1,135	4.2	40.1	-	-	-
Natural scientists	1,774	7.8	40.3	1,834	7.6	40.0	-	-	-
Geologists and geodesists	1,834	7.6	40.0	1,834	7.6	40.0	-	-	-
Health related	786	2.6	38.6	777	2.9	38.4	833	6.6	39.6
Registered nurses	771	2.7	38.4	758	2.7	38.2	857	8.4	39.8
Pharmacists	953	9.0	40.0	1,015	8.5	40.0	-	-	-
Teachers, college and university	1,231	6.0	39.0	1,079	7.5	40.1	1,289	7.5	38.6
Medical science teachers	1,811	9.2	39.8	-	-	-	-	-	-
Teachers, post secondary, subject not specified	1,137	6.9	38.1	-	-	-	-	-	-
Teachers, except college and university	887	1.6	39.2	621	12.5	39.7	908	1.1	39.1
Prekindergarten and kindergarten	679	16.6	38.7	-	-	-	837	3.7	37.9
Elementary school teachers	887	1.3	39.3	-	-	-	897	.9	39.2
Secondary school teachers	923	1.7	39.1	978	7.3	38.9	921	1.7	39.1
Teachers, special education	872	2.6	39.5	-	-	-	872	2.6	39.5
Teachers, n.e.c.	897	3.0	39.8	684	8.3	39.4	-	-	-
Vocational and educational counselors	960	9.8	38.4	-	-	-	1,043	8.6	38.1
Librarians, archivists, and curators	738	12.0	39.7	-	-	-	804	9.7	39.6
Librarians	738	12.0	39.7	-	-	-	804	9.7	39.6
Social scientists and urban planners	952	5.4	39.3	906	10.2	40.2	991	5.1	38.6
Psychologists	995	5.8	38.1	-	-	-	1,033	4.6	38.4
Social, recreation, and religious workers	530	7.1	39.6	498	12.2	39.3	559	7.0	39.8
Social workers	564	8.0	39.4	-	-	-	563	7.1	39.8
Lawyers and judges	1,610	6.4	42.3	-	-	-	1,513	14.8	40.0
Lawyers	1,586	6.9	42.5	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	1,122	7.8	40.2	1,123	7.8	40.3	-	-	-
Designers	903	27.1	42.3	903	27.1	42.3	-	-	-
Editors and reporters	857	4.6	40.5	857	4.6	40.5	-	-	-
Technical	849	9.2	37.9	887	10.0	37.7	594	5.4	39.6
Clinical laboratory technologists and technicians	591	3.8	39.6	598	4.5	39.5	-	-	-
Radiologic technicians	635	8.1	39.5	666	11.0	40.0	-	-	-
Licensed practical nurses	533	2.8	39.2	545	2.5	39.2	-	-	-
Health technologists and technicians, n.e.c.	494	7.7	39.7	481	8.1	39.2	-	-	-

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical —Continued									
Electrical and electronic technicians	\$673	2.6	39.9	\$668	2.4	39.9	—	—	—
Engineering technicians, n.e.c.	646	9.3	40.0	—	—	—	—	—	—
Drafters	665	5.0	40.0	665	5.0	40.0	—	—	—
Airplane pilots and navigators	2,276	8.3	23.8	2,276	8.3	23.8	—	—	—
Computer programmers	868	8.5	40.4	870	8.8	40.5	—	—	—
Technical and related, n.e.c.	597	12.7	39.7	603	16.9	40.2	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	1,349	3.4	40.3	1,384	3.8	40.3	1,142	4.2	40.6
Administrators and officials, public administration	1,129	7.1	43.5	—	—	—	1,129	7.1	43.5
Financial managers	1,419	7.4	39.3	1,428	8.3	39.2	—	—	—
Personnel and labor relations managers	1,419	13.0	40.0	—	—	—	—	—	—
Managers, marketing, advertising, and public relations	1,601	5.9	41.0	1,607	6.0	41.1	—	—	—
Administrators, education and related fields	1,111	5.2	39.8	1,014	9.2	40.6	1,159	6.2	39.5
Managers, medicine and health	1,425	8.0	39.4	1,418	8.7	39.3	—	—	—
Managers, service organizations, n.e.c.	967	11.1	39.7	—	—	—	810	19.9	40.0
Managers and administrators, n.e.c.	1,431	4.6	40.5	1,439	4.7	40.5	1,164	11.7	39.5
Management related	854	3.5	40.2	864	3.8	40.2	789	8.7	39.9
Accountants and auditors	819	6.0	41.0	819	6.1	41.0	—	—	—
Other financial officers	929	15.1	40.0	946	15.7	40.0	—	—	—
Management analysts	1,010	6.8	40.0	1,027	6.6	40.0	—	—	—
Personnel, training, and labor relations specialists	810	5.4	40.0	805	5.1	40.0	—	—	—
Purchasing agents and buyers, n.e.c.	909	6.9	40.0	943	6.6	40.0	—	—	—
Inspectors and compliance officers, except construction	720	6.2	40.0	769	6.5	40.0	—	—	—
Management related, n.e.c.	877	5.8	39.9	874	6.5	40.0	893	10.5	39.7
Sales									
Supervisors, sales	695	8.8	40.7	695	8.8	40.7	—	—	—
Securities and financial services sales	647	12.2	40.0	647	12.2	40.0	—	—	—
Advertising and related sales	1,115	15.3	38.6	1,115	15.3	38.6	—	—	—
Sales, other business services	667	10.3	40.5	667	10.3	40.5	—	—	—
Sales representatives, mining, manufacturing, and wholesale	925	6.6	41.9	925	6.6	41.9	—	—	—
Sales workers, motor vehicles and boats	726	19.3	44.7	726	19.3	44.7	—	—	—
Sales workers, other commodities	548	44.0	39.1	548	44.0	39.1	—	—	—
Cashiers	291	4.3	39.2	287	4.4	39.1	—	—	—
Sales support, n.e.c.	454	7.6	40.1	454	7.6	40.1	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Administrative support, including clerical									
Supervisors, general office	705	6.3	40.3	711	6.7	40.3	—	—	—
Supervisors, financial records processing	738	7.6	40.0	738	7.6	40.0	—	—	—
Computer operators	541	4.6	40.0	547	5.4	40.0	—	—	—
Secretaries	559	2.7	39.6	576	3.2	39.7	501	3.5	39.5
Interviewers	406	5.2	40.0	426	2.7	40.0	—	—	—
Transportation ticket and reservation agents	502	7.4	40.0	502	7.4	40.0	—	—	—
Receptionists	413	4.6	39.8	417	4.7	39.8	—	—	—
Information clerks, n.e.c.	508	3.9	39.4	525	3.6	39.2	—	—	—
Order clerks	510	4.3	40.0	510	4.3	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	518	9.6	39.8	—	—	—	—	—	—
Records clerks, n.e.c.	428	3.9	39.8	418	4.8	40.0	444	5.6	39.5
Bookkeepers, accounting and auditing clerks	490	3.7	39.9	503	4.2	39.9	429	4.8	39.7
Billing clerks	463	15.4	40.0	474	16.3	40.0	—	—	—
Telephone operators	396	4.3	40.0	399	4.3	40.0	—	—	—
Dispatchers	542	15.9	40.2	—	—	—	479	6.5	39.7
Traffic, shipping and receiving clerks	456	7.7	39.9	459	7.7	40.0	—	—	—
Stock and inventory clerks	417	11.7	40.0	415	12.5	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	510	12.3	40.0	510	12.3	40.0	—	—	—
Insurance adjusters, examiners, and investigators	606	12.1	39.6	601	13.3	39.5	—	—	—
Investigators and adjusters, except insurance	485	3.7	40.0	491	3.5	40.0	—	—	—
Bill and account collectors	460	2.4	40.0	464	2.3	40.0	—	—	—
General office clerks	446	2.7	39.8	462	2.9	39.9	378	5.6	39.6
Bank tellers	435	8.5	40.0	435	8.5	40.0	—	—	—
Data entry keyers	371	8.2	39.6	374	10.0	40.0	—	—	—
Teachers' aides	362	3.5	39.4	—	—	—	364	3.5	39.4
Administrative support, n.e.c.	464	3.5	39.9	466	3.6	39.9	—	—	—
Blue collar	506	2.8	40.5	505	2.9	40.5	519	3.5	39.6
Precision production, craft, and repair									
Supervisors, mechanics and repairers	968	13.7	40.4	1,056	15.4	40.8	—	—	—
Automobile mechanics	677	8.9	41.5	677	9.2	41.5	—	—	—
Bus, truck, and stationary engine mechanics	591	8.0	41.2	618	8.3	41.7	—	—	—
Aircraft engine mechanics	794	5.1	40.0	794	5.1	40.0	—	—	—
Industrial machinery repairers	590	5.1	40.0	596	5.2	40.0	—	—	—
Electronic repairers, communications and industrial equipment	840	2.6	40.0	843	2.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	648	6.6	40.0	—	—	—	—	—	—
Mechanics and repairers, n.e.c.	625	11.5	40.0	676	12.2	39.9	518	6.0	40.0
Supervisors, construction trades, n.e.c.	797	7.1	42.4	—	—	—	—	—	—
Carpenters	482	9.1	40.5	464	11.0	40.6	—	—	—
Electricians	771	13.0	40.0	—	—	—	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Plumbers, pipefitters and steamfitters	\$670	6.8	40.0	—	—	—	—	—	—
Construction trades, n.e.c.	529	5.0	40.0	—	—	—	\$506	7.1	40.0
Supervisors, production	755	7.9	40.8	\$758	8.1	40.8	—	—	—
Precision assemblers, metal ...	671	11.0	40.0	671	11.0	40.0	—	—	—
Sheet metal workers	591	10.6	40.0	591	10.6	40.0	—	—	—
Electrical and electronic equipment assemblers	399	4.5	40.0	399	4.5	40.0	—	—	—
Butchers and meat cutters	552	3.1	40.0	552	3.1	40.0	—	—	—
Inspectors, testers, and graders	544	5.6	40.0	513	3.8	40.0	—	—	—
Stationary engineers	546	10.0	40.0	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	446	3.9	39.9	446	3.9	39.9	—	—	—
Numerical control machine operators	682	9.0	40.0	682	9.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	462	12.5	40.0	462	12.5	40.0	—	—	—
Printing press operators	584	9.7	39.8	584	9.7	39.8	—	—	—
Textile sewing machine operators	263	12.1	40.0	263	12.1	40.0	—	—	—
Packaging and filling machine operators	433	4.3	40.0	433	4.3	40.0	—	—	—
Extruding and forming machine operators	418	17.2	40.0	418	17.2	40.0	—	—	—
Slicing and cutting machine operators	427	14.5	40.0	427	14.5	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	431	9.5	39.7	431	9.5	39.7	—	—	—
Welders and cutters	494	6.5	40.0	494	6.5	40.0	—	—	—
Assemblers	467	6.1	39.8	467	6.1	39.8	—	—	—
Miscellaneous hand working, n.e.c.	364	18.3	40.0	364	18.3	40.0	—	—	—
Production inspectors, checkers and examiners ...	457	7.3	40.0	457	7.3	40.0	—	—	—
Production testers	464	11.8	39.7	464	11.8	39.7	—	—	—
Transportation and material moving	598	6.3	43.0	617	6.5	43.6	454	3.1	38.8
Truck drivers	670	7.0	47.9	702	6.9	48.9	420	3.5	40.0
Bus drivers	465	6.4	38.2	—	—	—	462	8.0	35.9
Industrial truck and tractor equipment operators	451	11.5	41.6	451	12.9	41.7	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	674	12.8	40.0	683	12.7	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	384	3.6	40.0	383	3.8	40.0	410	6.7	40.0
Groundskeepers and gardeners, except farm	324	11.1	39.7	315	11.8	39.7	—	—	—
Construction laborers	292	2.0	40.0	—	—	—	—	—	—
Production helpers	337	11.7	40.0	337	11.7	40.0	—	—	—
Stock handlers and baggers ...	369	7.9	40.0	369	7.9	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	458	9.2	40.0	462	9.4	40.0	—	—	—
Vehicle washers and equipment cleaners	392	8.2	40.0	392	8.2	40.0	—	—	—

See footnotes at end of table.

Table 3-1. Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Handlers, equipment cleaners, helpers, and laborers —Continued									
Hand packers and packagers	\$408	4.8	40.0	\$408	4.8	40.0	—	—	—
Laborers, except construction, n.e.c.	380	7.0	39.9	376	7.4	39.9	—	—	—
Service	368	5.1	38.9	313	5.4	38.4	\$537	3.9	40.2
Protective service	531	8.0	41.1	338	8.1	39.8	703	2.9	42.2
Supervisors, firefighters and fire prevention	944	5.4	50.7	—	—	—	944	5.4	50.7
Supervisors, police and detectives	950	3.9	40.0	—	—	—	950	3.9	40.0
Supervisors, guards	698	18.8	39.6	—	—	—	—	—	—
Firefighting	707	4.2	48.7	—	—	—	707	4.2	48.7
Police and detectives, public service	779	2.8	40.1	—	—	—	779	2.8	40.1
Sheriffs, bailiffs, and other law enforcement officers	599	1.8	41.4	—	—	—	599	1.8	41.4
Correctional institution officers	447	2.2	40.0	—	—	—	447	2.2	40.0
Guards and police, except public service	316	6.4	39.8	315	6.5	39.8	—	—	—
Food service	288	6.2	39.3	286	7.1	40.0	305	6.1	34.8
Supervisors, food preparation and service	483	7.7	43.0	512	8.3	46.3	—	—	—
Waiters and waitresses	176	31.7	39.7	176	31.7	39.7	—	—	—
Cooks	310	7.9	38.9	311	9.5	39.5	304	7.2	36.4
Food counter, fountain, and related	248	3.5	39.8	243	3.8	39.7	—	—	—
Kitchen workers, food preparation	300	5.7	39.1	303	6.3	39.5	—	—	—
Waiters'/Waitresses' assistants	336	18.7	40.0	336	18.7	40.0	—	—	—
Food preparation, n.e.c.	228	2.5	37.4	220	2.4	38.2	271	8.8	33.1
Health service	303	3.7	38.5	296	3.9	38.5	400	8.2	39.2
Health aides, except nursing ..	335	4.2	39.6	326	3.8	39.7	375	11.7	39.3
Nursing aides, orderlies and attendants	291	4.8	38.2	289	4.9	38.2	—	—	—
Cleaning and building service	291	9.2	39.9	264	6.9	40.0	404	6.9	39.9
Supervisors, cleaning and building service workers ...	568	9.4	40.7	—	—	—	—	—	—
Maids and housemen	237	3.7	39.4	237	3.7	39.4	—	—	—
Janitors and cleaners	279	8.6	40.0	259	6.8	40.0	364	3.7	39.9
Personal service	521	8.7	28.7	572	8.8	25.2	375	4.9	38.7
Early childhood teachers' assistants	349	4.4	38.4	—	—	—	365	3.3	37.8

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

² 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 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 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 Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

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

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$34,271	2.3	2,014	\$34,735	2.7	2,067	\$32,149	1.9	1,773
All excluding sales	34,433	2.4	2,009	34,965	2.8	2,065	32,167	1.9	1,773
White collar	41,695	2.1	1,984	43,616	2.5	2,062	34,713	2.0	1,699
White collar excluding sales	42,806	2.1	1,972	45,341	2.5	2,059	34,745	2.0	1,698
Professional specialty and technical	46,965	2.2	1,878	52,313	2.9	2,027	36,300	1.7	1,580
Professional specialty	47,685	1.9	1,856	54,474	2.4	2,051	36,798	1.6	1,542
Engineers, architects, and surveyors	59,891	2.4	2,085	59,994	2.5	2,085	-	-	-
Electrical and electronic engineers	59,164	5.4	2,057	59,164	5.4	2,057	-	-	-
Industrial engineers	48,846	6.7	2,129	48,846	6.7	2,129	-	-	-
Mechanical engineers	55,254	5.4	2,080	55,254	5.4	2,080	-	-	-
Engineers, n.e.c.	65,571	3.9	2,094	65,811	3.9	2,094	-	-	-
Mathematical and computer scientists	58,724	3.6	2,082	58,864	3.6	2,082	-	-	-
Computer systems analysts and scientists	58,865	4.2	2,083	59,033	4.2	2,083	-	-	-
Natural scientists	92,240	7.8	2,095	95,354	7.6	2,080	-	-	-
Geologists and geodesists	95,354	7.6	2,080	95,354	7.6	2,080	-	-	-
Health related	40,557	2.6	1,989	40,418	2.9	1,995	41,226	6.6	1,959
Registered nurses	39,973	2.7	1,990	39,392	2.7	1,984	43,678	8.4	2,028
Pharmacists	49,539	9.0	2,080	52,789	8.5	2,080	-	-	-
Teachers, college and university	54,626	6.0	1,730	47,259	7.5	1,754	57,536	7.5	1,721
Medical science teachers	92,184	9.2	2,027	-	-	-	-	-	-
Teachers, post secondary, subject not specified	50,967	6.9	1,710	-	-	-	-	-	-
Teachers, except college and university	33,246	1.6	1,468	26,515	12.5	1,696	33,706	1.1	1,452
Prekindergarten and kindergarten	27,624	16.6	1,574	-	-	-	31,037	3.7	1,407
Elementary school teachers	32,669	1.3	1,446	-	-	-	33,028	.9	1,444
Secondary school teachers	34,116	1.7	1,445	37,520	7.3	1,492	33,996	1.7	1,443
Teachers, special education	31,411	2.6	1,424	-	-	-	31,411	2.6	1,424
Teachers, n.e.c.	35,233	3.0	1,563	31,261	8.3	1,802	-	-	-
Vocational and educational counselors	42,039	9.8	1,681	-	-	-	44,557	8.6	1,625
Librarians, archivists, and curators	35,130	12.0	1,891	-	-	-	37,329	9.7	1,838
Librarians	35,130	12.0	1,891	-	-	-	37,329	9.7	1,838
Social scientists and urban planners	43,542	5.4	1,800	47,136	10.2	2,089	41,087	5.1	1,602
Psychologists	40,715	5.8	1,561	-	-	-	41,241	4.6	1,532
Social, recreation, and religious workers	27,381	7.1	2,042	25,799	12.2	2,035	28,753	7.0	2,048
Social workers	29,086	8.0	2,030	-	-	-	28,948	7.1	2,046
Lawyers and judges	83,699	6.4	2,201	-	-	-	78,667	14.8	2,080
Lawyers	82,485	6.9	2,208	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	58,334	7.8	2,093	58,419	7.8	2,093	-	-	-
Designers	46,954	27.1	2,200	46,954	27.1	2,200	-	-	-
Editors and reporters	44,553	4.6	2,109	44,553	4.6	2,109	-	-	-
Technical	44,047	9.2	1,968	46,108	10.0	1,959	30,381	5.4	2,026
Clinical laboratory technologists and technicians	30,731	3.8	2,060	31,102	4.5	2,056	-	-	-
Radiologic technicians	33,017	8.1	2,053	34,628	11.0	2,080	-	-	-
Licensed practical nurses	27,580	2.8	2,029	28,349	2.5	2,037	-	-	-
Health technologists and technicians, n.e.c.	25,690	7.7	2,062	24,991	8.1	2,038	-	-	-

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical —Continued									
Electrical and electronic technicians	\$35,005	2.6	2,075	\$34,762	2.4	2,075	—	—	—
Engineering technicians, n.e.c.	33,614	9.3	2,080	—	—	—	—	—	—
Drafters	34,601	5.0	2,080	34,601	5.0	2,080	—	—	—
Airplane pilots and navigators	118,348	8.3	1,239	118,348	8.3	1,239	—	—	—
Computer programmers	45,103	8.5	2,097	45,242	8.8	2,104	—	—	—
Technical and related, n.e.c.	30,643	12.7	2,035	31,341	16.9	2,089	—	—	—
Executive, administrative, and managerial	59,936	2.9	2,082	61,329	3.3	2,090	\$51,430	4.6	2,033
Executives, administrators, and managers	69,491	3.4	2,078	71,760	3.8	2,088	56,790	4.2	2,020
Administrators and officials, public administration	58,319	7.1	2,248	—	—	—	58,319	7.1	2,248
Financial managers	73,795	7.4	2,042	74,232	8.3	2,038	—	—	—
Personnel and labor relations managers	73,810	13.0	2,080	—	—	—	—	—	—
Managers, marketing, advertising, and public relations	83,249	5.9	2,134	83,552	6.0	2,135	—	—	—
Administrators, education and related fields	53,917	5.2	1,933	52,675	9.2	2,108	54,466	6.2	1,856
Managers, medicine and health	74,101	8.0	2,048	73,732	8.7	2,046	—	—	—
Managers, service organizations, n.e.c.	50,268	11.1	2,065	—	—	—	42,116	19.9	2,080
Managers and administrators, n.e.c.	73,848	4.6	2,089	74,399	4.7	2,094	56,727	11.7	1,923
Management related	44,391	3.5	2,089	44,909	3.8	2,093	40,707	8.7	2,060
Accountants and auditors	42,563	6.0	2,130	42,597	6.1	2,131	—	—	—
Other financial officers	48,285	15.1	2,080	49,169	15.7	2,080	—	—	—
Management analysts	52,524	6.8	2,080	53,384	6.6	2,080	—	—	—
Personnel, training, and labor relations specialists	41,938	5.4	2,071	41,875	5.1	2,080	—	—	—
Purchasing agents and buyers, n.e.c.	47,292	6.9	2,080	49,053	6.6	2,080	—	—	—
Inspectors and compliance officers, except construction	37,444	6.2	2,080	39,984	6.5	2,080	—	—	—
Management related, n.e.c.	45,550	5.8	2,075	45,449	6.5	2,079	46,097	10.5	2,052
Sales	31,680	5.3	2,088	31,735	5.3	2,088	—	—	—
Supervisors, sales	36,166	8.8	2,117	36,166	8.8	2,117	—	—	—
Securities and financial services sales	33,623	12.2	2,080	33,623	12.2	2,080	—	—	—
Advertising and related sales	57,998	15.3	2,008	57,998	15.3	2,008	—	—	—
Sales, other business services	34,671	10.3	2,108	34,671	10.3	2,108	—	—	—
Sales representatives, mining, manufacturing, and wholesale	48,114	6.6	2,181	48,114	6.6	2,181	—	—	—
Sales workers, motor vehicles and boats	37,733	19.3	2,324	37,733	19.3	2,324	—	—	—
Sales workers, other commodities	28,506	44.0	2,031	28,506	44.0	2,031	—	—	—
Cashiers	15,135	4.3	2,036	14,930	4.4	2,034	—	—	—
Sales support, n.e.c.	23,060	7.6	2,036	23,060	7.6	2,036	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Administrative support, including clerical									
Supervisors, general office	\$25,466	1.6	2,039	\$26,391	1.8	2,074	\$20,775	2.3	1,861
Supervisors, financial records processing	36,662	6.3	2,095	36,993	6.7	2,096	—	—	—
Computer operators	38,391	7.6	2,080	38,391	7.6	2,080	—	—	—
Secretaries	28,021	4.6	2,071	28,468	5.4	2,080	—	—	—
Interviewers	28,614	2.7	2,031	29,952	3.2	2,063	24,492	3.5	1,932
Transportation ticket and reservation agents	21,091	5.2	2,080	22,129	2.7	2,080	—	—	—
Receptionists	26,111	7.4	2,080	26,111	7.4	2,080	—	—	—
Information clerks, n.e.c.	21,392	4.6	2,065	21,702	4.7	2,071	—	—	—
Order clerks	26,413	3.9	2,048	27,280	3.6	2,040	—	—	—
Personnel clerks, except payroll and timekeeping	26,541	4.3	2,080	26,541	4.3	2,080	—	—	—
Records clerks, n.e.c.	26,618	9.6	2,044	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks	21,074	3.9	1,960	21,724	4.8	2,080	20,183	5.6	1,796
Billing clerks	25,410	3.7	2,068	26,161	4.2	2,076	21,996	4.8	2,032
Telephone operators	24,050	15.4	2,080	24,657	16.3	2,080	—	—	—
Dispatchers	20,586	4.3	2,080	20,743	4.3	2,080	—	—	—
Traffic, shipping and receiving clerks	28,165	15.9	2,089	—	—	—	24,894	6.5	2,063
Stock and inventory clerks	23,732	7.7	2,073	23,884	7.7	2,080	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	21,685	11.7	2,079	21,580	12.5	2,079	—	—	—
Insurance adjusters, examiners, and investigators	26,513	12.3	2,080	26,513	12.3	2,080	—	—	—
Investigators and adjusters, except insurance	31,527	12.1	2,058	31,234	13.3	2,057	—	—	—
Bill and account collectors	25,244	3.7	2,080	25,551	3.5	2,080	—	—	—
General office clerks	23,904	2.4	2,080	24,107	2.3	2,080	—	—	—
Bank tellers	22,988	2.7	2,051	23,851	2.9	2,058	19,320	5.6	2,022
Data entry keyers	22,643	8.5	2,080	22,643	8.5	2,080	—	—	—
Teachers' aides	18,367	8.2	1,965	19,429	10.0	2,080	—	—	—
Administrative support, n.e.c.	13,212	3.5	1,435	—	—	—	13,261	3.5	1,435
	24,039	3.5	2,068	24,228	3.6	2,076	—	—	—
Blue collar	26,217	2.8	2,097	26,203	2.9	2,102	26,438	3.5	2,018
Precision production, craft, and repair									
Supervisors, mechanics and repairers	32,168	3.2	2,078	32,416	3.5	2,079	30,151	3.6	2,071
Automobile mechanics	49,303	13.7	2,058	53,397	15.4	2,064	—	—	—
Bus, truck, and stationary engine mechanics	35,202	8.9	2,156	35,193	9.2	2,158	—	—	—
Aircraft engine mechanics	30,722	8.0	2,144	32,144	8.3	2,166	—	—	—
Industrial machinery repairers	41,295	5.1	2,080	41,295	5.1	2,080	—	—	—
Electronic repairers, communications and industrial equipment	30,694	5.1	2,080	31,010	5.2	2,080	—	—	—
Heating, air conditioning, and refrigeration mechanics	41,755	2.6	1,987	41,859	2.6	1,986	—	—	—
Mechanics and repairers, n.e.c.	33,708	6.6	2,080	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	32,439	11.5	2,073	35,057	12.2	2,069	26,931	6.0	2,080
Carpenters	41,429	7.1	2,204	—	—	—	—	—	—
Electricians	24,981	9.1	2,099	24,111	11.0	2,111	—	—	—
	40,076	13.0	2,080	—	—	—	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Plumbers, pipefitters and steamfitters	\$34,858	6.8	2,080	—	—	—	—	—	—
Construction trades, n.e.c.	27,490	5.0	2,080	—	—	—	\$26,320	7.1	2,080
Supervisors, production	39,251	7.9	2,120	\$39,418	8.1	2,121	—	—	—
Precision assemblers, metal ...	34,877	11.0	2,080	34,877	11.0	2,080	—	—	—
Sheet metal workers	30,751	10.6	2,080	30,751	10.6	2,080	—	—	—
Electrical and electronic equipment assemblers	20,767	4.5	2,080	20,767	4.5	2,080	—	—	—
Butchers and meat cutters	28,727	3.1	2,080	28,727	3.1	2,080	—	—	—
Inspectors, testers, and graders	28,263	5.6	2,080	26,651	3.8	2,080	—	—	—
Stationary engineers	28,048	10.0	2,056	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	23,181	3.9	2,070	23,181	3.9	2,070	—	—	—
Numerical control machine operators	35,467	9.0	2,080	35,467	9.0	2,080	—	—	—
Fabricating machine operators, n.e.c.	24,013	12.5	2,080	24,013	12.5	2,080	—	—	—
Printing press operators	30,375	9.7	2,070	30,375	9.7	2,070	—	—	—
Textile sewing machine operators	13,668	12.1	2,080	13,668	12.1	2,080	—	—	—
Packaging and filling machine operators	22,500	4.3	2,080	22,500	4.3	2,080	—	—	—
Extruding and forming machine operators	21,760	17.2	2,080	21,760	17.2	2,080	—	—	—
Slicing and cutting machine operators	22,191	14.5	2,080	22,191	14.5	2,080	—	—	—
Miscellaneous machine operators, n.e.c.	22,403	9.5	2,067	22,403	9.5	2,067	—	—	—
Welders and cutters	25,713	6.5	2,080	25,713	6.5	2,080	—	—	—
Assemblers	24,183	6.1	2,061	24,183	6.1	2,061	—	—	—
Miscellaneous hand working, n.e.c.	18,946	18.3	2,080	18,946	18.3	2,080	—	—	—
Production inspectors, checkers and examiners ...	23,764	7.3	2,080	23,764	7.3	2,080	—	—	—
Production testers	24,105	11.8	2,064	24,105	11.8	2,064	—	—	—
Transportation and material moving	30,911	6.3	2,223	32,019	6.5	2,260	22,758	3.1	1,947
Truck drivers	34,627	7.0	2,474	36,271	6.9	2,525	21,748	3.5	2,073
Bus drivers	22,850	6.4	1,879	—	—	—	21,241	8.0	1,649
Industrial truck and tractor equipment operators	23,473	11.5	2,161	23,476	12.9	2,171	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	35,029	12.8	2,078	35,507	12.7	2,080	—	—	—
Handlers, equipment cleaners, helpers, and laborers	19,898	3.6	2,074	19,889	3.8	2,078	20,158	6.7	1,965
Groundskeepers and gardeners, except farm	16,831	11.1	2,065	16,371	11.8	2,064	—	—	—
Construction laborers	15,137	2.0	2,072	—	—	—	—	—	—
Production helpers	17,516	11.7	2,080	17,516	11.7	2,080	—	—	—
Stock handlers and baggers ...	19,195	7.9	2,080	19,195	7.9	2,080	—	—	—
Freight, stock, and material handlers, n.e.c.	23,813	9.2	2,080	24,001	9.4	2,080	—	—	—
Vehicle washers and equipment cleaners	20,362	8.2	2,080	20,362	8.2	2,080	—	—	—

See footnotes at end of table.

Table 3-2. Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Handlers, equipment cleaners, helpers, and laborers —Continued									
Hand packers and packagers	\$21,225	4.8	2,079	\$21,225	4.8	2,079	—	—	—
Laborers, except construction, n.e.c.	19,785	7.0	2,076	19,563	7.4	2,076	—	—	—
Service	18,736	5.1	1,979	16,287	5.4	1,998	\$25,737	3.9	1,925
Protective service	27,587	8.0	2,135	17,576	8.1	2,067	36,533	2.9	2,195
Supervisors, firefighters and fire prevention	49,082	5.4	2,637	—	—	—	49,082	5.4	2,637
Supervisors, police and detectives	49,380	3.9	2,080	—	—	—	49,380	3.9	2,080
Supervisors, guards	36,290	18.8	2,057	—	—	—	—	—	—
Firefighting	36,739	4.2	2,535	—	—	—	36,739	4.2	2,535
Police and detectives, public service	40,510	2.8	2,086	—	—	—	40,510	2.8	2,086
Sheriffs, bailiffs, and other law enforcement officers	31,138	1.8	2,151	—	—	—	31,138	1.8	2,151
Correctional institution officers	23,247	2.2	2,080	—	—	—	23,247	2.2	2,080
Guards and police, except public service	16,442	6.4	2,069	16,369	6.5	2,069	—	—	—
Food service	14,312	6.2	1,949	14,861	7.1	2,078	11,684	6.1	1,333
Supervisors, food preparation and service	23,013	7.7	2,048	26,613	8.3	2,406	—	—	—
Waiters and waitresses	9,126	31.7	2,063	9,126	31.7	2,063	—	—	—
Cooks	15,031	7.9	1,890	16,159	9.5	2,053	11,361	7.2	1,360
Food counter, fountain, and related	12,885	3.5	2,068	12,626	3.8	2,066	—	—	—
Kitchen workers, food preparation	15,231	5.7	1,985	15,748	6.3	2,050	—	—	—
Waiters'/Waitresses' assistants	17,467	18.7	2,080	17,467	18.7	2,080	—	—	—
Food preparation, n.e.c.	11,028	2.5	1,805	11,458	2.4	1,984	9,470	8.8	1,154
Health service	15,701	3.7	1,997	15,384	3.9	2,000	19,961	8.2	1,956
Health aides, except nursing ..	17,195	4.2	2,034	16,949	3.8	2,066	18,190	11.7	1,905
Nursing aides, orderlies and attendants	15,117	4.8	1,985	15,003	4.9	1,985	—	—	—
Cleaning and building service	15,066	9.2	2,066	13,725	6.9	2,078	20,422	6.9	2,016
Supervisors, cleaning and building service workers ...	29,534	9.4	2,118	—	—	—	—	—	—
Maids and housemen	12,305	3.7	2,047	12,305	3.7	2,047	—	—	—
Janitors and cleaners	14,403	8.6	2,064	13,475	6.8	2,079	18,281	3.7	2,003
Personal service	25,435	8.7	1,400	29,710	8.8	1,309	15,596	4.9	1,610
Early childhood teachers' assistants	13,871	4.4	1,526	—	—	—	13,478	3.3	1,399

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

² 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 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 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 Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

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

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$16.34	2.3	\$16.07	2.7	\$17.86	1.8
All excluding sales	16.55	2.3	16.29	2.8	17.88	1.8
White collar	20.45	2.2	20.49	2.6	20.27	2.0
1	6.19	1.9	6.10	2.0	7.12	4.3
2	8.24	3.0	8.19	3.5	8.55	3.5
3	9.19	2.1	9.20	2.4	9.14	2.3
4	11.05	1.9	11.06	2.2	10.95	2.3
5	13.72	1.5	13.95	1.6	12.13	2.8
6	15.86	2.5	16.14	2.7	13.88	4.2
7	17.98	2.0	17.77	2.3	18.78	3.5
8	20.62	1.6	19.40	2.7	22.14	1.2
9	23.75	1.7	23.99	1.9	22.51	2.5
10	26.74	3.1	26.53	3.4	28.48	5.0
11	34.46	6.1	35.70	6.8	27.33	3.9
12	37.27	2.6	38.01	3.0	33.85	3.5
13	42.77	3.1	42.66	3.2	44.09	15.1
14	53.61	5.6	54.72	6.0	-	-
Not able to be leveled	33.03	11.8	33.10	12.8	32.35	17.3
White collar excluding sales	21.42	2.1	21.70	2.6	20.30	2.0
1	6.42	4.5	6.20	6.7	6.84	2.8
2	8.52	2.3	8.51	2.8	8.55	3.5
3	9.74	2.4	9.83	2.7	9.14	2.3
4	11.50	1.8	11.60	2.0	10.95	2.3
5	13.81	1.5	14.07	1.7	12.13	2.8
6	16.00	2.2	16.39	2.4	13.88	4.2
7	17.80	1.9	17.50	2.2	18.78	3.5
8	20.66	1.6	19.27	2.9	22.14	1.2
9	23.85	1.7	24.12	2.0	22.51	2.5
10	26.94	3.3	26.74	3.7	28.48	5.0
11	34.63	6.3	35.96	7.1	27.33	3.9
12	37.28	2.7	38.04	3.1	33.85	3.5
13	42.48	3.2	42.34	3.2	44.09	15.1
14	53.61	5.6	54.72	6.0	-	-
Not able to be leveled	32.81	12.1	32.87	13.3	32.35	17.3
Professional specialty and technical	24.81	2.5	25.55	3.2	22.87	1.7
Professional specialty	25.53	1.8	26.34	2.3	23.75	1.6
5	15.23	5.1	16.15	4.8	10.58	5.6
6	17.24	6.4	17.52	6.2	-	-
7	19.37	2.6	18.60	3.5	19.93	3.5
8	21.21	1.8	19.24	3.8	22.79	.8
9	24.36	2.2	24.90	2.7	22.46	3.0
10	27.99	2.7	27.83	3.0	28.69	5.7
11	31.02	3.7	31.30	3.9	28.82	6.2
12	34.89	2.7	34.62	2.8	36.68	7.2
13	40.79	4.4	40.22	3.5	-	-
14	43.45	1.1	-	-	-	-
Not able to be leveled	32.79	21.7	31.44	25.6	44.68	16.5
Engineers, architects, and surveyors	28.75	2.4	28.79	2.5	-	-
5	19.06	4.0	19.06	4.0	-	-
7	22.84	3.5	22.84	3.5	-	-
8	22.88	8.8	22.88	8.8	-	-
9	26.76	3.2	26.78	3.3	-	-
10	28.55	4.1	28.80	4.2	-	-
11	30.75	3.0	30.94	3.1	-	-
12	36.40	2.4	36.40	2.4	-	-
Electrical and electronic engineers	28.76	5.1	28.76	5.1	-	-
9	27.18	3.4	27.18	3.4	-	-
Industrial engineers	22.95	7.1	22.95	7.1	-	-
9	24.60	7.3	24.60	7.3	-	-
Mechanical engineers	26.56	5.4	26.56	5.4	-	-
Engineers, n.e.c.	31.32	3.9	31.43	3.9	-	-
9	27.43	7.3	27.43	7.3	-	-
10	29.72	3.4	30.11	3.3	-	-
11	32.37	4.5	32.37	4.5	-	-

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	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						
Engineers, n.e.c. —Continued						
12	\$37.97	1.8	\$37.97	1.8	—	—
Mathematical and computer scientists	28.23	3.6	28.29	3.6	—	—
8	19.80	12.0	19.80	12.0	—	—
9	25.88	1.7	25.95	1.7	—	—
10	30.37	3.9	30.37	3.9	—	—
11	31.74	5.4	31.74	5.4	—	—
12	33.28	4.8	33.28	4.8	—	—
13	41.01	6.7	41.01	6.7	—	—
Computer systems analysts and scientists	28.29	4.1	28.37	4.1	—	—
8	19.78	12.2	19.78	12.2	—	—
9	26.03	1.8	26.10	1.9	—	—
10	32.41	4.6	32.41	4.6	—	—
11	32.04	5.5	32.04	5.5	—	—
12	30.98	3.8	30.98	3.8	—	—
13	39.00	5.6	39.00	5.6	—	—
Natural scientists	44.02	8.1	45.84	7.6	—	—
Geologists and geodesists	45.84	7.6	45.84	7.6	—	—
Health related	20.65	2.3	20.58	2.4	\$21.02	6.5
6	18.17	5.6	18.17	5.6	—	—
7	17.26	3.5	18.29	3.6	14.70	4.9
8	19.07	1.9	18.98	2.0	19.89	4.9
9	20.66	5.0	20.18	5.6	22.58	6.6
11	31.19	5.6	31.61	6.6	—	—
Registered nurses	20.08	2.3	19.88	2.3	21.48	8.0
7	17.41	3.2	17.85	3.3	—	—
8	18.81	1.7	18.83	1.9	18.65	3.1
9	20.67	4.6	19.87	4.5	23.60	5.8
11	31.43	7.5	31.51	9.4	—	—
Pharmacists	23.88	8.6	25.35	7.9	—	—
Teachers, college and university	30.55	6.0	26.79	7.4	31.92	7.5
9	20.86	7.0	—	—	20.38	7.6
10	27.96	12.8	—	—	—	—
11	27.48	9.2	26.32	7.0	28.06	13.1
13	43.99	17.4	—	—	—	—
Medical science teachers	45.47	9.1	—	—	—	—
Teachers, post secondary, subject not specified ..	27.89	8.3	24.63	10.9	28.46	9.3
11	28.40	12.3	—	—	—	—
Teachers, except college and university	22.53	1.7	15.51	11.6	23.13	1.1
7	21.50	2.6	15.12	19.7	21.85	2.6
8	22.46	2.0	14.40	16.3	23.12	.6
9	23.16	3.9	24.47	7.7	23.09	4.0
11	29.35	4.9	25.75	4.4	—	—
Prekindergarten and kindergarten	17.54	17.5	—	—	22.07	3.2
8	16.11	25.1	—	—	24.02	3.6
Elementary school teachers	22.53	1.2	—	—	22.81	.7
7	21.56	2.8	—	—	21.68	2.8
8	22.86	1.4	—	—	23.20	.7
9	21.40	2.0	22.94	2.3	21.25	2.0
Secondary school teachers	23.60	1.6	24.84	8.7	23.56	1.7
7	23.28	2.7	—	—	23.04	2.7
8	23.18	1.1	21.65	12.5	23.21	1.1
9	25.91	10.2	—	—	25.79	10.8
11	31.41	10.4	—	—	—	—
Teachers, special education	22.06	2.6	—	—	22.06	2.6
7	22.07	3.4	—	—	22.07	3.4
8	21.46	3.4	—	—	21.46	3.4
Teachers, n.e.c.	21.30	3.0	15.67	5.3	23.21	2.6
7	13.93	21.3	—	—	—	—
8	19.45	5.2	20.26	5.4	—	—

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	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						
Vocational and educational counselors	\$25.08	10.8	–	–	\$27.47	9.4
Librarians, archivists, and curators	18.01	11.8	–	–	20.31	9.8
Librarians	18.01	11.8	–	–	20.31	9.8
Social scientists and urban planners	24.19	5.7	\$22.56	10.0	25.65	5.7
10	26.52	5.0	–	–	27.19	5.7
Psychologists	26.09	5.7	–	–	26.91	4.9
10	27.19	5.7	–	–	27.19	5.7
Social, recreation, and religious workers	13.33	6.9	12.58	11.7	14.04	6.9
7	14.32	5.9	–	–	14.18	5.6
Social workers	14.16	7.6	–	–	14.15	7.1
7	14.48	6.0	–	–	–	–
Lawyers and judges	38.03	4.8	–	–	37.82	14.8
Lawyers	37.36	5.1	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.29	7.8	27.32	7.9	–	–
8	19.73	8.3	19.73	8.3	–	–
9	24.97	15.5	24.97	15.5	–	–
Not able to be leveled	33.12	28.5	32.91	29.9	–	–
Designers	20.49	21.6	20.49	21.6	–	–
Editors and reporters	21.13	4.9	21.13	4.9	–	–
Technical	22.09	11.0	23.19	12.1	15.00	5.2
3	8.47	2.3	8.47	2.3	–	–
4	11.42	4.3	11.52	4.5	–	–
5	14.93	2.5	15.20	2.4	12.52	7.4
6	14.98	2.4	15.47	2.5	13.56	4.4
7	17.64	4.0	17.90	4.1	–	–
8	17.88	4.1	18.46	5.0	–	–
9	25.36	9.0	25.43	9.7	–	–
11	102.90	20.2	102.90	20.2	–	–
Clinical laboratory technologists and technicians	14.61	4.6	14.75	5.4	–	–
Radiologic technicians	16.09	8.0	16.65	11.0	–	–
Licensed practical nurses	13.95	2.7	14.25	2.4	–	–
4	13.35	7.2	13.97	6.8	–	–
5	14.42	3.9	14.42	3.9	–	–
7	14.07	3.3	14.07	3.3	–	–
Health technologists and technicians, n.e.c.	12.59	7.7	12.44	8.7	–	–
4	10.33	4.9	10.36	5.2	–	–
6	16.54	5.6	–	–	–	–
Electrical and electronic technicians	16.87	2.6	16.76	2.5	–	–
5	14.69	3.8	–	–	–	–
7	17.43	2.4	17.48	2.5	–	–
8	18.39	4.9	18.39	4.9	–	–
Engineering technicians, n.e.c.	16.16	9.3	–	–	–	–
Drafters	16.64	5.0	16.64	5.0	–	–
Airplane pilots and navigators	95.50	22.6	95.50	22.6	–	–
Computer programmers	21.51	8.0	21.50	8.2	–	–
Technical and related, n.e.c.	15.21	13.0	15.20	16.8	–	–
Executive, administrative, and managerial	28.73	2.9	29.27	3.3	25.29	4.4
5	13.88	6.4	14.16	7.0	–	–
6	16.53	4.8	17.04	4.9	14.44	11.2
7	16.86	4.3	16.91	4.5	15.98	6.9
8	19.33	3.7	19.88	4.0	16.33	6.2
9	22.95	2.3	22.92	2.6	23.23	4.2
10	24.30	4.5	24.09	4.6	–	–
11	29.90	3.3	30.89	3.8	26.42	4.5
12	39.82	4.0	42.15	4.5	32.22	3.3
13	44.20	4.2	44.21	4.4	–	–
14	56.49	6.3	57.16	6.5	–	–
Not able to be leveled	38.60	10.9	39.72	11.4	–	–

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	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	\$33.41	3.3	\$34.32	3.7	\$28.11	4.3
7	17.82	14.3	17.82	14.3	–	–
8	21.23	6.0	22.76	5.0	–	–
9	23.08	3.3	22.90	3.4	–	–
10	24.20	6.9	23.86	7.3	–	–
11	31.22	3.7	32.65	3.9	26.45	5.9
12	39.94	4.5	42.80	5.2	31.90	3.2
13	44.30	4.4	44.31	4.6	–	–
14	56.70	6.5	57.40	6.7	–	–
Not able to be leveled	41.97	11.5	43.70	12.3	–	–
Administrators and officials, public administration	25.94	6.3	–	–	25.94	6.3
Financial managers	36.14	7.6	36.43	8.4	–	–
11	33.83	11.3	34.16	11.4	–	–
12	46.04	12.9	51.67	12.6	–	–
Personnel and labor relations managers	35.49	13.0	–	–	–	–
Managers, marketing, advertising, and public relations	38.50	7.0	38.61	7.1	–	–
9	24.39	11.6	24.39	11.6	–	–
12	46.58	7.3	47.51	7.7	–	–
Administrators, education and related fields	27.89	5.0	25.01	8.9	29.35	5.8
9	23.11	9.7	–	–	–	–
10	29.03	4.3	–	–	–	–
11	28.62	8.5	–	–	29.26	8.8
Managers, medicine and health	36.18	8.6	36.04	9.3	–	–
Managers, service organizations, n.e.c.	24.34	10.9	–	–	20.25	19.9
Managers and administrators, n.e.c.	35.35	4.5	35.52	4.6	29.50	11.6
9	22.01	5.2	22.01	5.2	–	–
10	21.92	6.2	21.84	6.4	–	–
11	32.21	4.2	32.58	4.3	–	–
12	37.26	4.4	37.84	4.5	–	–
13	44.28	6.2	44.14	6.3	–	–
14	57.29	8.4	57.29	8.4	–	–
Not able to be leveled	42.07	16.7	42.07	16.7	–	–
Management related	21.20	3.5	21.39	3.8	19.76	8.6
5	14.36	7.3	14.80	8.0	–	–
6	16.46	3.1	16.57	3.3	–	–
7	16.48	1.8	16.52	1.9	15.98	6.9
8	18.48	4.0	18.78	4.1	–	–
9	22.74	3.1	22.95	3.6	21.55	3.6
10	24.46	4.5	24.46	4.5	–	–
11	26.25	3.2	26.23	4.0	–	–
12	39.08	6.2	39.03	6.7	–	–
Not able to be leveled	23.14	20.4	23.14	20.4	–	–
Accountants and auditors	20.00	5.1	20.01	5.2	–	–
7	16.37	2.9	16.21	2.9	–	–
9	22.57	5.8	22.57	5.8	–	–
11	27.42	8.0	27.42	8.0	–	–
Other financial officers	23.21	15.1	23.64	15.7	–	–
Management analysts	25.25	6.8	25.67	6.6	–	–
Personnel, training, and labor relations specialists	20.25	5.4	20.13	5.1	–	–
Purchasing agents and buyers, n.e.c.	22.74	6.9	23.58	6.6	–	–
Inspectors and compliance officers, except construction	18.00	6.2	19.22	6.5	–	–
Management related, n.e.c.	21.75	5.8	21.62	6.5	22.46	10.2
7	16.90	3.9	16.80	4.1	–	–
8	20.79	5.6	20.97	6.3	–	–
9	23.84	3.2	23.84	3.2	–	–
Sales	13.59	5.4	13.60	5.4	–	–
1	6.13	2.1	6.09	2.1	–	–
2	7.31	8.8	7.31	8.8	–	–

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Sales —Continued						
3	\$7.65	3.1	\$7.65	3.1	—	—
4	8.77	5.8	8.74	5.9	—	—
5	12.92	6.5	12.92	6.5	—	—
6	15.35	7.3	15.35	7.3	—	—
7	19.45	9.0	19.45	9.0	—	—
8	20.17	7.6	20.17	7.6	—	—
9	21.89	7.3	21.89	7.3	—	—
10	24.34	3.3	24.34	3.3	—	—
11	30.64	7.5	30.64	7.5	—	—
Supervisors, sales	17.00	8.5	17.00	8.5	—	—
Securities and financial services sales	16.16	12.2	16.16	12.2	—	—
Advertising and related sales	28.01	14.2	28.01	14.2	—	—
Sales, other business services	15.18	12.3	15.18	12.3	—	—
6	15.08	6.9	15.08	6.9	—	—
8	19.38	17.1	19.38	17.1	—	—
Sales representatives, mining, manufacturing, and wholesale	22.06	7.7	22.06	7.7	—	—
9	23.79	7.2	23.79	7.2	—	—
Sales workers, motor vehicles and boats	16.23	19.5	16.23	19.5	—	—
Sales workers, other commodities	10.72	34.7	10.72	34.7	—	—
Cashiers	6.93	2.7	6.87	2.8	—	—
1	6.17	2.5	6.11	2.4	—	—
3	7.65	6.4	7.65	6.4	—	—
Sales support, n.e.c.	11.03	7.3	11.03	7.3	—	—
Administrative support, including clerical	12.27	1.6	12.48	1.8	\$11.06	2.2
1	6.42	4.5	6.20	6.7	6.84	2.8
2	8.52	2.4	8.51	2.9	8.55	3.5
3	9.78	2.5	9.88	2.8	9.16	2.3
4	11.54	1.9	11.65	2.2	11.00	2.4
5	13.47	1.9	13.66	2.2	12.32	3.1
6	15.90	3.1	16.14	3.2	14.08	7.3
7	16.79	3.7	17.08	4.0	14.44	4.0
8	18.98	5.5	—	—	—	—
9	20.46	5.5	20.77	5.7	—	—
Not able to be leveled	11.05	10.2	10.86	12.2	—	—
Supervisors, general office	17.50	6.6	17.65	7.0	—	—
Supervisors, financial records processing	18.46	7.6	18.46	7.6	—	—
Computer operators	13.53	4.6	13.69	5.4	—	—
4	12.65	8.0	—	—	—	—
5	14.24	5.1	14.83	5.8	—	—
Secretaries	14.03	2.6	14.48	3.1	12.56	3.6
3	9.95	5.1	—	—	9.67	7.1
4	11.92	3.4	12.16	4.4	11.34	2.8
5	14.31	3.0	14.54	3.5	13.43	4.1
6	16.69	4.7	17.01	4.7	15.30	13.7
7	17.56	4.0	18.20	3.9	14.70	4.0
Interviewers	10.14	5.2	10.64	2.7	—	—
Transportation ticket and reservation agents	12.34	7.4	12.34	7.4	—	—
Receptionists	10.00	4.4	10.09	4.5	—	—
2	7.96	4.4	—	—	—	—
3	10.01	5.6	10.01	5.6	—	—
Information clerks, n.e.c.	10.92	6.1	10.87	7.4	—	—
Order clerks	12.63	4.6	12.63	4.6	—	—
3	12.15	7.1	12.15	7.1	—	—
4	10.64	6.6	10.64	6.6	—	—
Personnel clerks, except payroll and timekeeping	12.82	8.9	12.25	9.2	—	—
Library clerks	9.26	6.2	—	—	9.27	7.0
File clerks	11.33	13.3	—	—	—	—
Records clerks, n.e.c.	10.71	3.8	10.42	4.5	11.19	5.4
3	10.22	5.5	10.28	6.1	—	—
4	11.06	5.9	10.72	6.2	—	—

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Records clerks, n.e.c. —Continued						
5	\$11.96	5.7	—	—	—	—
Bookkeepers, accounting and auditing clerks	12.14	3.7	\$12.41	4.1	\$10.82	5.1
3	10.04	4.6	10.22	5.5	—	—
4	12.36	4.0	12.51	4.0	—	—
5	14.10	5.2	14.48	5.6	—	—
Billing clerks	11.56	15.4	11.85	16.3	—	—
Telephone operators	9.90	4.3	9.97	4.3	—	—
Mail clerks, except postal service	9.10	5.3	9.10	5.3	—	—
Dispatchers	13.48	15.3	—	—	12.07	6.9
Traffic, shipping and receiving clerks	11.14	7.5	11.17	7.5	—	—
3	8.87	5.4	8.87	5.4	—	—
Stock and inventory clerks	10.39	11.5	10.34	12.4	—	—
3	8.24	7.5	8.24	7.5	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	12.57	12.6	12.57	12.6	—	—
Insurance adjusters, examiners, and investigators	15.32	12.6	15.19	13.7	—	—
Investigators and adjusters, except insurance	12.14	3.7	12.29	3.5	—	—
4	11.15	4.0	—	—	—	—
Bill and account collectors	11.49	2.4	11.59	2.3	—	—
General office clerks	10.76	2.8	11.08	3.2	9.45	4.4
2	8.83	6.5	—	—	8.13	5.5
3	9.30	2.7	9.55	3.0	8.41	3.3
4	11.64	3.6	11.77	4.1	10.83	1.3
5	12.60	5.9	12.74	6.1	—	—
7	14.73	2.8	14.73	2.8	—	—
Bank tellers	10.65	8.1	10.65	8.1	—	—
Data entry keyers	9.26	7.5	9.23	8.9	—	—
2	7.93	9.9	7.93	9.9	—	—
3	9.00	2.4	—	—	—	—
Teachers' aides	9.13	2.9	—	—	9.17	2.8
2	9.03	5.5	—	—	9.05	5.5
3	9.12	2.7	—	—	9.12	2.7
Administrative support, n.e.c.	11.59	3.3	11.63	3.4	—	—
3	10.05	7.5	—	—	—	—
4	10.97	5.2	10.98	5.3	—	—
5	12.07	4.7	12.07	4.8	—	—
Blue collar	12.23	2.6	12.19	2.7	12.99	3.4
1	7.63	3.3	7.63	3.3	7.75	4.5
2	8.64	4.1	8.61	4.2	10.01	3.7
3	11.47	4.7	11.49	5.0	11.14	3.8
4	12.64	8.8	12.75	9.1	10.52	5.3
5	13.11	2.6	13.21	2.7	11.71	2.7
6	14.79	2.4	14.75	2.8	14.94	4.3
7	17.87	2.1	18.03	2.2	16.20	4.2
8	20.33	3.2	20.42	3.3	—	—
9	21.84	3.8	21.83	3.8	—	—
Precision production, craft, and repair	15.46	3.1	15.57	3.4	14.56	3.6
1	8.23	2.3	8.25	2.3	—	—
2	8.80	4.0	8.71	3.9	—	—
3	10.30	3.1	10.34	3.3	—	—
4	11.24	2.8	11.28	2.9	—	—
5	12.59	3.0	12.75	3.3	11.37	3.5
6	15.12	2.5	15.10	3.0	15.15	4.5
7	18.17	2.3	18.41	2.5	16.21	4.3
8	20.38	3.3	20.49	3.4	—	—
9	22.04	4.4	22.03	4.5	—	—
Supervisors, mechanics and repairers	23.95	13.8	25.87	15.8	—	—
7	18.59	2.1	—	—	—	—

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Automobile mechanics	\$16.33	6.7	\$16.31	6.9	—	—
Bus, truck, and stationary engine mechanics	14.33	7.1	14.84	7.3	—	—
Aircraft engine mechanics	19.85	5.1	19.85	5.1	—	—
7	20.13	4.5	20.13	4.5	—	—
Industrial machinery repairers	14.76	5.1	14.91	5.2	—	—
7	15.79	5.7	15.79	5.7	—	—
Electronic repairers, communications and industrial equipment	21.01	2.6	21.08	2.6	—	—
Heating, air conditioning, and refrigeration mechanics	16.21	6.6	—	—	—	—
Mechanics and repairers, n.e.c.	15.65	11.5	16.94	12.2	\$12.95	6.0
Supervisors, construction trades, n.e.c.	18.80	7.6	—	—	—	—
Carpenters	11.90	9.6	11.42	11.5	—	—
Electricians	19.27	13.0	—	—	—	—
Plumbers, pipefitters and steamfitters	16.76	6.8	—	—	—	—
Construction trades, n.e.c.	13.22	5.0	—	—	12.65	7.1
Supervisors, production	18.52	7.1	18.59	7.2	—	—
7	18.51	5.5	—	—	—	—
Precision assemblers, metal	16.77	11.0	16.77	11.0	—	—
Sheet metal workers	14.78	10.6	14.78	10.6	—	—
Electrical and electronic equipment assemblers ..	9.98	4.5	9.98	4.5	—	—
5	13.01	7.7	13.01	7.7	—	—
Butchers and meat cutters	13.81	3.1	13.81	3.1	—	—
Inspectors, testers, and graders	13.59	5.6	12.81	3.8	—	—
5	12.00	4.4	12.00	4.4	—	—
Stationary engineers	13.64	10.0	—	—	—	—
Machine operators, assemblers, and inspectors	11.17	3.8	11.17	3.8	—	—
1	6.77	5.3	6.77	5.3	—	—
2	9.23	6.9	9.23	6.9	—	—
3	11.52	8.6	11.52	8.6	—	—
4	11.49	3.9	11.49	3.9	—	—
5	12.70	2.5	12.70	2.5	—	—
6	13.26	3.5	13.26	3.5	—	—
7	16.85	3.7	16.85	3.7	—	—
Numerical control machine operators	17.05	9.0	17.05	9.0	—	—
Fabricating machine operators, n.e.c.	11.54	12.5	11.54	12.5	—	—
Printing press operators	14.67	9.6	14.67	9.6	—	—
Textile sewing machine operators	6.57	12.1	6.57	12.1	—	—
2	8.02	9.7	8.02	9.7	—	—
Packaging and filling machine operators	10.82	4.3	10.82	4.3	—	—
Extruding and forming machine operators	10.46	17.2	10.46	17.2	—	—
Slicing and cutting machine operators	10.67	14.5	10.67	14.5	—	—
Miscellaneous machine operators, n.e.c.	10.82	9.4	10.82	9.4	—	—
2	9.59	12.4	9.59	12.4	—	—
4	11.25	4.0	11.25	4.0	—	—
5	12.86	5.1	12.86	5.1	—	—
Welders and cutters	12.36	6.5	12.36	6.5	—	—
5	12.15	6.4	12.15	6.4	—	—
Assemblers	11.65	5.8	11.65	5.8	—	—
1	7.25	6.1	7.25	6.1	—	—
2	9.69	11.8	9.69	11.8	—	—
3	14.33	12.5	14.33	12.5	—	—
4	12.04	9.3	12.04	9.3	—	—
5	12.75	5.0	12.75	5.0	—	—
Miscellaneous hand working, n.e.c.	9.11	18.3	9.11	18.3	—	—
Production inspectors, checkers and examiners ..	11.42	7.3	11.42	7.3	—	—
Production testers	11.68	11.4	11.68	11.4	—	—
Transportation and material moving	13.43	6.6	13.63	7.1	11.56	2.7
2	9.88	7.0	9.83	7.6	10.52	5.2
3	12.60	8.3	12.81	9.8	11.76	5.5

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Transportation and material moving —Continued						
4	\$14.38	13.4	\$14.63	13.8	\$11.24	2.0
5	14.40	6.1	14.54	6.5	12.10	2.6
6	15.55	8.1	15.95	8.8	—	—
Truck drivers	13.98	6.5	14.29	6.8	10.49	3.5
3	14.32	11.9	—	—	—	—
4	12.21	11.2	12.29	11.8	—	—
5	15.48	8.0	15.50	8.1	—	—
Bus drivers	11.18	5.3	—	—	12.14	3.9
3	12.70	4.4	—	—	12.70	4.4
Industrial truck and tractor equipment operators ..	10.85	8.7	10.80	9.7	—	—
3	10.71	15.0	10.71	15.0	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.83	12.8	17.03	12.8	—	—
Handlers, equipment cleaners, helpers, and laborers						
1	9.28	3.2	9.26	3.3	10.13	6.4
1	7.93	3.7	7.93	3.7	—	—
2	7.60	3.3	7.56	3.3	—	—
3	10.98	7.7	11.03	7.9	—	—
4	11.35	7.6	11.53	7.9	—	—
5	12.62	3.5	12.63	3.7	—	—
Groundskeepers and gardeners, except farm	8.15	11.2	7.94	11.9	—	—
1	6.90	7.1	—	—	—	—
Construction laborers	7.20	1.9	7.13	1.7	—	—
Production helpers	8.42	11.7	8.42	11.7	—	—
Stock handlers and baggers	8.33	5.1	8.33	5.1	—	—
1	6.77	6.9	6.77	6.9	—	—
2	6.62	2.7	6.62	2.7	—	—
3	9.54	4.8	9.54	4.8	—	—
4	11.61	8.6	11.61	8.6	—	—
Freight, stock, and material handlers, n.e.c.	11.22	8.1	11.29	8.3	—	—
2	8.84	5.5	8.84	5.5	—	—
3	13.63	13.8	13.63	13.8	—	—
Vehicle washers and equipment cleaners	9.79	8.2	9.79	8.2	—	—
Hand packers and packagers	9.99	4.9	9.99	4.9	—	—
2	8.43	4.2	8.43	4.2	—	—
Laborers, except construction, n.e.c.	9.27	6.2	9.18	6.6	—	—
1	7.76	2.4	7.75	2.4	—	—
2	9.30	6.4	9.21	8.5	—	—
Service						
1	8.85	4.6	7.70	5.1	12.97	3.4
1	6.07	2.4	6.00	2.5	7.20	2.9
2	7.16	3.6	6.89	4.1	8.31	3.7
3	7.40	4.9	6.76	6.2	9.58	2.3
4	9.59	5.0	9.26	6.2	10.86	2.3
5	18.39	14.8	—	—	12.09	3.9
6	13.74	6.1	13.37	8.5	14.54	4.3
7	16.67	10.1	—	—	16.94	3.6
8	17.92	6.4	—	—	18.99	5.4
9	19.58	6.2	—	—	19.92	6.7
10	24.31	10.6	—	—	21.81	5.1
Protective service	12.38	7.1	8.36	6.9	16.58	3.0
1	7.18	4.0	7.18	4.0	—	—
2	7.46	11.9	7.40	12.3	—	—
3	9.14	5.9	9.19	6.2	—	—
4	10.12	4.7	—	—	11.10	2.1
5	11.37	2.0	—	—	11.31	2.1
6	15.32	4.1	—	—	14.87	4.0
7	16.63	3.8	—	—	16.87	3.7
8	18.54	6.0	—	—	18.99	5.4
9	19.39	6.3	—	—	19.39	6.3
10	24.31	10.6	—	—	21.81	5.1
Supervisors, firefighters and fire prevention	18.61	5.7	—	—	18.61	5.7

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
Protective service—Continued						
Supervisors, police and detectives	\$23.74	3.9	—	—	\$23.74	3.9
Supervisors, guards	17.64	19.8	—	—	—	—
Firefighting	14.49	3.2	—	—	14.49	3.2
7	14.39	4.3	—	—	14.39	4.3
Police and detectives, public service	19.42	2.8	—	—	19.42	2.8
7	18.43	3.0	—	—	18.43	3.0
Sheriffs, bailiffs, and other law enforcement officers	14.48	1.3	—	—	14.48	1.3
Correctional institution officers	11.18	2.2	—	—	11.18	2.2
5	10.91	.9	—	—	10.91	.9
Guards and police, except public service	7.92	5.4	\$7.88	5.5	—	—
1	7.18	4.0	7.18	4.0	—	—
2	7.40	12.3	7.40	12.3	—	—
3	9.16	6.2	9.19	6.2	—	—
Food service	6.79	5.4	6.57	6.2	8.36	5.7
1	5.52	3.7	5.32	3.9	7.06	3.9
2	6.84	6.8	6.68	8.2	7.54	6.1
3	5.43	8.8	4.99	9.4	8.81	3.3
4	8.73	7.1	8.53	8.2	—	—
5	10.50	10.3	—	—	—	—
6	12.91	9.2	12.93	9.3	—	—
Supervisors, food preparation and service	11.09	9.1	10.90	10.6	—	—
6	14.93	12.6	—	—	—	—
Waiters and waitresses	3.94	22.9	3.94	22.9	—	—
3	3.53	23.6	3.53	23.6	—	—
Cooks	7.88	7.4	7.79	8.7	8.35	4.4
2	7.64	4.0	—	—	—	—
3	6.94	4.8	6.65	5.0	—	—
4	8.34	3.6	8.23	3.9	—	—
Food counter, fountain, and related	5.72	4.8	5.62	5.4	—	—
Kitchen workers, food preparation	7.62	4.5	7.57	5.6	7.78	6.8
1	6.45	3.0	6.38	3.4	6.65	6.1
Waiters'/Waitresses' assistants	7.64	20.2	7.64	20.2	—	—
1	5.19	7.3	5.19	7.3	—	—
Food preparation, n.e.c.	6.13	2.8	5.75	1.9	7.63	4.7
1	5.84	3.4	5.58	1.7	7.33	5.2
2	6.31	3.8	—	—	6.62	3.1
Health service	7.86	2.8	7.71	3.0	9.82	7.9
1	6.73	6.7	6.73	6.7	—	—
2	7.42	4.0	7.29	3.8	—	—
3	7.98	3.5	8.01	3.6	—	—
4	8.64	6.2	8.04	4.8	—	—
Health aides, except nursing	8.45	3.9	8.21	3.4	9.55	11.8
2	8.11	4.1	—	—	—	—
3	8.05	4.8	8.15	5.0	—	—
Nursing aides, orderlies and attendants	7.64	3.6	7.58	3.8	—	—
1	6.15	5.0	6.15	5.0	—	—
2	7.29	4.6	7.14	4.1	—	—
3	7.93	4.5	7.94	4.7	—	—
4	8.34	5.1	—	—	—	—
Cleaning and building service	7.04	7.2	6.43	5.0	10.00	6.9
1	6.07	3.0	5.99	2.6	7.57	3.5
2	6.89	9.2	—	—	8.19	6.2
3	10.01	2.4	—	—	10.14	2.2
4	9.94	5.8	9.63	5.7	—	—
Supervisors, cleaning and building service workers	13.95	8.1	—	—	—	—
Maids and housemen	5.96	3.7	5.96	3.7	—	—
1	5.78	3.6	5.78	3.6	—	—
Janitors and cleaners	6.75	6.4	6.31	4.7	9.02	3.9
1	6.10	3.5	6.01	3.1	7.57	3.5
2	6.94	10.7	—	—	8.19	6.2
3	10.01	2.4	—	—	10.14	2.2

See footnotes at end of table.

Table 4-1. Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	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						
4	\$10.31	6.0	\$9.99	6.1	—	—
Personal service	13.25	17.6	14.11	20.8	\$9.65	5.2
1	5.36	3.0	5.35	3.1	—	—
2	7.71	4.2	7.03	5.0	—	—
3	8.10	5.3	6.58	7.1	9.75	2.7
Early childhood teachers' assistants	8.32	5.4	6.94	4.9	9.64	3.2
3	8.75	5.6	7.27	2.7	—	—
Service, n.e.c.	7.38	7.1	—	—	—	—

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, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendices C and D for more information.

³ All workers include full-time and part-time workers.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and

hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

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 4-2. Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$17.02	2.3	\$16.81	2.7	\$18.13	1.9
All excluding sales	17.14	2.4	16.93	2.9	18.14	1.9
White collar	21.02	2.1	21.15	2.6	20.44	2.0
1	6.73	3.5	6.65	4.1	7.05	4.8
2	8.60	2.9	8.64	3.4	8.42	4.2
3	9.49	2.4	9.52	2.7	9.23	2.3
4	11.15	1.8	11.17	2.1	11.02	2.3
5	13.76	1.5	13.97	1.6	12.20	2.8
6	15.86	2.5	16.13	2.7	13.84	4.4
7	18.05	2.0	17.83	2.4	18.83	3.5
8	20.68	1.6	19.45	2.8	22.15	1.2
9	23.82	1.7	24.04	1.9	22.67	2.5
10	26.75	3.1	26.52	3.4	28.75	5.3
11	34.51	6.1	35.69	6.9	27.49	4.0
12	37.27	2.6	38.02	3.0	33.85	3.5
13	42.64	3.2	42.51	3.2	44.09	15.1
14	53.61	5.6	54.72	6.0	-	-
Not able to be leveled	33.93	11.8	34.08	12.9	32.57	17.5
White collar excluding sales	21.70	2.1	22.02	2.6	20.46	2.0
1	7.06	3.2	-	-	-	-
2	8.58	2.7	8.63	3.2	8.42	4.2
3	9.89	2.7	9.99	3.0	9.23	2.3
4	11.59	1.8	11.70	2.0	11.01	2.3
5	13.84	1.6	14.09	1.7	12.20	2.8
6	16.00	2.3	16.39	2.4	13.84	4.4
7	17.85	1.9	17.54	2.2	18.83	3.5
8	20.73	1.6	19.32	3.0	22.15	1.2
9	23.92	1.7	24.17	2.0	22.67	2.5
10	26.95	3.3	26.73	3.7	28.75	5.3
11	34.68	6.4	35.95	7.2	27.49	4.0
12	37.29	2.7	38.05	3.1	33.85	3.5
13	42.34	3.3	42.18	3.3	44.09	15.1
14	53.61	5.6	54.72	6.0	-	-
Not able to be leveled	33.67	12.2	33.79	13.4	32.57	17.5
Professional specialty and technical	25.01	2.5	25.80	3.3	22.98	1.7
Professional specialty	25.70	1.8	26.56	2.3	23.86	1.6
5	15.58	5.2	16.35	4.8	-	-
6	17.26	6.5	17.55	6.3	-	-
7	19.63	2.7	19.01	3.8	20.00	3.5
8	21.31	1.8	19.31	4.1	22.81	.8
9	24.46	2.2	24.98	2.7	22.66	2.9
10	28.03	2.7	27.82	3.0	29.03	6.1
11	31.04	3.8	31.22	4.0	29.48	6.6
12	34.87	2.7	34.58	2.9	36.68	7.2
13	40.39	4.5	39.73	3.3	-	-
14	43.45	1.1	-	-	-	-
Not able to be leveled	34.03	22.0	32.66	26.1	-	-
Engineers, architects, and surveyors	28.73	2.4	28.78	2.5	-	-
5	19.06	4.0	19.06	4.0	-	-
7	22.84	3.5	22.84	3.5	-	-
8	22.88	8.8	22.88	8.8	-	-
9	26.76	3.2	26.78	3.3	-	-
10	28.55	4.1	28.80	4.2	-	-
11	30.70	3.2	30.90	3.4	-	-
12	36.40	2.4	36.40	2.4	-	-
Electrical and electronic engineers	28.76	5.1	28.76	5.1	-	-
9	27.18	3.4	27.18	3.4	-	-
Industrial engineers	22.95	7.1	22.95	7.1	-	-
9	24.60	7.3	24.60	7.3	-	-
Mechanical engineers	26.56	5.4	26.56	5.4	-	-
Engineers, n.e.c.	31.31	4.0	31.42	4.0	-	-
9	27.43	7.3	27.43	7.3	-	-
10	29.72	3.4	30.11	3.3	-	-
12	37.97	1.8	37.97	1.8	-	-

See footnotes at end of table.

Table 4-2. Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar –Continued						
Professional specialty and technical –Continued						
Professional specialty –Continued						
Mathematical and computer scientists	\$28.20	3.6	\$28.27	3.6	–	–
8	19.80	12.0	19.80	12.0	–	–
9	25.88	1.7	25.95	1.7	–	–
10	30.37	3.9	30.37	3.9	–	–
11	31.74	5.4	31.74	5.4	–	–
12	33.14	4.8	33.14	4.8	–	–
13	41.01	6.7	41.01	6.7	–	–
Computer systems analysts and scientists	28.26	4.2	28.34	4.2	–	–
8	19.78	12.2	19.78	12.2	–	–
9	26.03	1.8	26.10	1.9	–	–
10	32.41	4.6	32.41	4.6	–	–
11	32.04	5.5	32.04	5.5	–	–
12	30.70	3.6	30.70	3.6	–	–
13	39.00	5.6	39.00	5.6	–	–
Natural scientists	44.02	8.1	45.84	7.6	–	–
Geologists and geodesists	45.84	7.6	45.84	7.6	–	–
Health related	20.39	2.4	20.26	2.5	\$21.05	6.6
7	16.67	3.7	17.69	3.8	14.70	4.9
8	19.20	2.0	19.12	2.2	19.89	5.3
9	20.65	5.4	20.10	6.2	22.58	6.6
11	30.44	5.4	30.69	6.3	–	–
Registered nurses	20.09	2.5	19.85	2.5	21.54	8.3
7	16.97	3.7	17.42	4.0	–	–
8	18.88	1.8	18.91	2.0	–	–
9	20.85	5.1	19.99	5.2	23.60	5.8
11	30.23	7.2	–	–	–	–
Pharmacists	23.82	9.0	25.38	8.5	–	–
Teachers, college and university	31.57	6.2	26.94	7.5	33.43	7.8
9	21.96	7.0	–	–	21.63	8.3
10	28.68	14.0	–	–	–	–
11	28.29	10.5	26.32	7.0	–	–
13	43.99	17.4	–	–	–	–
Medical science teachers	45.47	9.1	–	–	–	–
Teachers, post secondary, subject not specified ..	29.81	9.0	–	–	–	–
11	29.91	15.1	–	–	–	–
Teachers, except college and university	22.65	1.7	15.64	12.7	23.21	1.0
7	21.83	2.6	18.23	21.9	21.96	2.6
8	22.47	2.0	14.33	16.5	23.13	.6
9	23.16	3.9	24.47	7.7	23.09	4.0
11	29.35	4.9	25.75	4.4	–	–
Prekindergarten and kindergarten	17.55	17.6	–	–	22.07	3.2
8	16.11	25.2	–	–	24.02	3.6
Elementary school teachers	22.59	1.2	–	–	22.87	.7
7	21.56	2.8	–	–	21.68	2.8
8	22.86	1.4	–	–	23.20	.7
9	21.40	2.0	22.94	2.3	21.25	2.0
Secondary school teachers	23.61	1.6	25.15	8.0	23.56	1.7
7	23.28	2.7	–	–	23.04	2.7
8	23.18	1.1	21.90	11.7	23.21	1.1
9	25.91	10.2	–	–	25.79	10.8
11	31.41	10.4	–	–	–	–
Teachers, special education	22.06	2.6	–	–	22.06	2.6
7	22.07	3.4	–	–	22.07	3.4
8	21.46	3.4	–	–	21.46	3.4
Teachers, n.e.c.	22.54	2.8	17.35	9.1	–	–
Vocational and educational counselors	25.01	11.0	–	–	27.42	9.6
Librarians, archivists, and curators	18.58	12.1	–	–	20.31	9.8
Librarians	18.58	12.1	–	–	20.31	9.8
Social scientists and urban planners	24.19	5.7	22.56	10.0	25.65	5.7
10	26.52	5.0	–	–	27.19	5.7
Psychologists	26.09	5.7	–	–	26.91	4.9

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Social scientists and urban planners —Continued						
Psychologists —Continued						
10	\$27.19	5.7	—	—	\$27.19	5.7
Social, recreation, and religious workers	13.41	7.4	\$12.68	13.4	14.04	6.9
7	14.70	5.7	—	—	14.18	5.6
Social workers	14.33	8.5	—	—	14.15	7.1
7	14.91	5.8	—	—	—	—
Lawyers and judges	38.03	4.8	—	—	37.82	14.8
Lawyers	37.36	5.1	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.						
9	27.87	7.7	27.91	7.8	—	—
9	24.97	15.5	24.97	15.5	—	—
Not able to be leveled	34.16	28.8	33.97	30.3	—	—
Designers	21.35	22.4	21.35	22.4	—	—
Editors and reporters	21.13	4.9	21.13	4.9	—	—
Technical	22.38	11.3	23.53	12.4	15.00	5.4
4	11.11	3.9	11.20	4.1	—	—
5	14.87	2.5	15.15	2.4	12.52	7.4
6	14.89	2.6	15.40	2.7	13.43	4.7
7	17.64	4.0	17.91	4.2	—	—
8	17.88	4.1	18.46	5.0	—	—
9	25.36	9.0	25.43	9.7	—	—
11	102.90	20.2	102.90	20.2	—	—
Clinical laboratory technologists and technicians						
Radiologic technicians	14.92	3.9	15.13	4.6	—	—
Radiologic technicians	16.09	8.0	16.65	11.0	—	—
Licensed practical nurses	13.59	2.6	13.92	2.2	—	—
4	12.33	6.8	—	—	—	—
5	14.20	3.1	14.20	3.1	—	—
7	14.07	3.3	14.07	3.3	—	—
Health technologists and technicians, n.e.c.	12.46	7.3	12.26	8.1	—	—
4	10.33	4.9	10.36	5.2	—	—
Electrical and electronic technicians	16.87	2.6	16.76	2.5	—	—
5	14.69	3.8	—	—	—	—
7	17.43	2.4	17.48	2.5	—	—
8	18.39	4.9	18.39	4.9	—	—
Engineering technicians, n.e.c.	16.16	9.3	—	—	—	—
Drafters	16.64	5.0	16.64	5.0	—	—
Airplane pilots and navigators	95.50	22.6	95.50	22.6	—	—
Computer programmers	21.51	8.0	21.50	8.2	—	—
Technical and related, n.e.c.	15.06	13.0	15.00	16.8	—	—
Executive, administrative, and managerial						
5	28.79	2.9	29.34	3.3	25.29	4.4
5	14.10	6.5	14.41	7.2	—	—
6	16.53	4.8	17.04	4.9	14.44	11.2
7	16.86	4.3	16.91	4.5	15.98	6.9
8	19.33	3.8	19.90	4.1	16.33	6.2
9	22.98	2.4	22.96	2.6	23.23	4.2
10	24.28	4.5	24.08	4.6	—	—
11	29.90	3.3	30.89	3.8	26.42	4.5
12	39.82	4.0	42.16	4.5	32.22	3.3
13	44.20	4.2	44.21	4.4	—	—
14	56.49	6.3	57.16	6.5	—	—
Not able to be leveled	38.60	10.9	39.72	11.4	—	—
Executives, administrators, and managers	33.44	3.3	34.36	3.7	28.11	4.3
7	17.82	14.3	17.82	14.3	—	—
8	21.23	6.0	22.76	5.0	—	—
9	23.14	3.3	22.96	3.5	—	—
10	24.20	6.9	23.86	7.3	—	—
11	31.22	3.7	32.65	3.9	26.45	5.9
12	39.94	4.5	42.80	5.2	31.90	3.2
13	44.30	4.4	44.31	4.6	—	—

See footnotes at end of table.

Table 4-2. Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar –Continued						
Executive, administrative, and managerial –Continued						
Executives, administrators, and managers –Continued						
14	\$56.70	6.5	\$57.40	6.7	–	–
Not able to be leveled	41.97	11.5	43.70	12.3	–	–
Administrators and officials, public administration	25.94	6.3	–	–	\$25.94	6.3
Financial managers	36.14	7.6	36.43	8.4	–	–
11	33.83	11.3	34.16	11.4	–	–
12	46.04	12.9	51.67	12.6	–	–
Personnel and labor relations managers	35.49	13.0	–	–	–	–
Managers, marketing, advertising, and public relations	39.00	7.0	39.13	7.1	–	–
12	46.58	7.3	47.51	7.7	–	–
Administrators, education and related fields	27.89	5.0	24.99	8.9	29.35	5.8
9	23.11	9.7	–	–	–	–
10	29.03	4.3	–	–	–	–
11	28.62	8.5	–	–	29.26	8.8
Managers, medicine and health	36.18	8.6	36.04	9.3	–	–
Managers, service organizations, n.e.c.	24.34	10.9	–	–	20.25	19.9
Managers and administrators, n.e.c.	35.35	4.5	35.52	4.6	29.50	11.6
9	22.01	5.2	22.01	5.2	–	–
10	21.92	6.2	21.84	6.4	–	–
11	32.21	4.2	32.58	4.3	–	–
12	37.26	4.4	37.84	4.5	–	–
13	44.28	6.2	44.14	6.3	–	–
14	57.29	8.4	57.29	8.4	–	–
Not able to be leveled	42.07	16.7	42.07	16.7	–	–
Management related	21.25	3.5	21.46	3.8	19.76	8.6
5	14.68	7.3	15.22	8.0	–	–
6	16.46	3.1	16.57	3.3	–	–
7	16.48	1.8	16.52	1.9	15.98	6.9
8	18.46	4.1	18.77	4.3	–	–
9	22.74	3.1	22.95	3.6	21.55	3.6
10	24.43	4.5	24.43	4.5	–	–
11	26.25	3.2	26.23	4.0	–	–
12	39.08	6.2	39.03	6.7	–	–
Not able to be leveled	23.14	20.4	23.14	20.4	–	–
Accountants and auditors	19.98	5.1	19.99	5.2	–	–
7	16.37	2.9	16.21	2.9	–	–
9	22.57	5.8	22.57	5.8	–	–
11	27.42	8.0	27.42	8.0	–	–
Other financial officers	23.21	15.1	23.64	15.7	–	–
Management analysts	25.25	6.8	25.67	6.6	–	–
Personnel, training, and labor relations specialists	20.25	5.4	20.13	5.1	–	–
Purchasing agents and buyers, n.e.c.	22.74	6.9	23.58	6.6	–	–
Inspectors and compliance officers, except construction	18.00	6.2	19.22	6.5	–	–
Management related, n.e.c.	21.96	5.8	21.86	6.6	22.46	10.2
7	16.90	3.9	16.80	4.1	–	–
8	20.95	5.9	21.18	6.7	–	–
9	23.84	3.2	23.84	3.2	–	–
Sales	15.17	5.2	15.20	5.2	–	–
1	6.62	4.3	6.52	4.3	–	–
3	7.79	3.2	7.79	3.2	–	–
4	8.90	5.7	8.87	5.8	–	–
5	13.00	6.7	13.00	6.7	–	–
6	15.35	7.3	15.35	7.3	–	–
7	19.65	9.1	19.65	9.1	–	–
8	20.17	7.6	20.17	7.6	–	–
9	21.89	7.3	21.89	7.3	–	–
10	24.34	3.3	24.34	3.3	–	–

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Sales —Continued						
11	\$30.64	7.5	\$30.64	7.5	—	—
Supervisors, sales	17.09	8.6	17.09	8.6	—	—
Securities and financial services sales	16.16	12.2	16.16	12.2	—	—
Advertising and related sales	28.88	14.2	28.88	14.2	—	—
Sales, other business services	16.45	9.1	16.45	9.1	—	—
6	15.08	6.9	15.08	6.9	—	—
8	19.38	17.1	19.38	17.1	—	—
Sales representatives, mining, manufacturing, and wholesale	22.06	7.7	22.06	7.7	—	—
9	23.79	7.2	23.79	7.2	—	—
Sales workers, motor vehicles and boats	16.23	19.5	16.23	19.5	—	—
Sales workers, other commodities	14.04	43.4	14.04	43.4	—	—
Cashiers	7.43	4.1	7.34	4.2	—	—
1	6.62	6.0	6.47	6.0	—	—
3	8.01	7.1	8.01	7.1	—	—
Sales support, n.e.c.	11.33	7.6	11.33	7.6	—	—
Administrative support, including clerical	12.49	1.6	12.72	1.8	\$11.16	2.2
1	7.06	3.2	—	—	—	—
2	8.58	2.7	8.62	3.3	8.42	4.2
3	9.93	2.7	10.04	3.1	9.23	2.3
4	11.67	1.9	11.79	2.1	11.07	2.3
5	13.48	1.9	13.66	2.2	12.34	3.1
6	15.91	3.1	16.14	3.2	14.11	7.5
7	16.83	3.7	17.12	4.0	14.44	4.0
8	18.98	5.5	—	—	—	—
9	20.46	5.5	20.77	5.7	—	—
Not able to be leveled	11.12	11.3	—	—	—	—
Supervisors, general office	17.50	6.6	17.65	7.0	—	—
Supervisors, financial records processing	18.46	7.6	18.46	7.6	—	—
Computer operators	13.53	4.6	13.69	5.4	—	—
4	12.65	8.0	—	—	—	—
5	14.24	5.1	14.83	5.8	—	—
Secretaries	14.09	2.6	14.52	3.1	12.68	3.5
3	9.95	5.1	—	—	9.67	7.1
4	12.05	3.4	12.22	4.4	11.60	2.0
5	14.31	3.0	14.54	3.5	13.43	4.1
6	16.69	4.7	17.01	4.7	15.30	13.7
7	17.66	3.9	18.34	3.8	14.70	4.0
Interviewers	10.14	5.2	10.64	2.7	—	—
Transportation ticket and reservation agents	12.55	7.4	12.55	7.4	—	—
Receptionists	10.36	4.6	10.48	4.6	—	—
3	10.35	5.7	10.35	5.7	—	—
Information clerks, n.e.c.	12.90	3.8	13.37	3.1	—	—
Order clerks	12.76	4.3	12.76	4.3	—	—
3	12.15	7.1	12.15	7.1	—	—
4	10.93	5.4	10.93	5.4	—	—
Personnel clerks, except payroll and timekeeping	13.02	9.5	—	—	—	—
Records clerks, n.e.c.	10.75	3.9	10.44	4.8	11.24	5.4
3	10.25	6.6	—	—	—	—
4	11.06	5.9	10.72	6.2	—	—
5	11.96	5.7	—	—	—	—
Bookkeepers, accounting and auditing clerks	12.29	3.8	12.60	4.2	10.82	5.1
3	10.07	5.1	10.30	6.3	—	—
4	12.36	4.0	12.51	4.0	—	—
5	14.10	5.2	14.48	5.6	—	—
Billing clerks	11.56	15.4	11.85	16.3	—	—
Telephone operators	9.90	4.3	9.97	4.3	—	—
Dispatchers	13.48	15.3	—	—	12.07	6.9
Traffic, shipping and receiving clerks	11.45	7.7	11.48	7.7	—	—
3	9.15	5.7	9.15	5.7	—	—
Stock and inventory clerks	10.43	11.7	10.38	12.5	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Stock and inventory clerks —Continued						
3	\$8.26	7.7	\$8.26	7.7	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	12.75	12.3	12.75	12.3	—	—
Insurance adjusters, examiners, and investigators	15.32	12.6	15.19	13.7	—	—
Investigators and adjusters, except insurance	12.14	3.7	12.28	3.5	—	—
4	11.15	4.0	—	—	—	—
Bill and account collectors	11.49	2.4	11.59	2.3	—	—
General office clerks	11.21	2.6	11.59	2.8	\$9.56	4.9
2	8.94	10.1	—	—	—	—
3	9.32	2.7	9.57	3.0	8.41	3.4
4	11.99	2.9	12.19	3.2	10.83	1.3
5	12.60	5.9	12.74	6.1	—	—
7	14.73	2.8	14.73	2.8	—	—
Bank tellers	10.89	8.5	10.89	8.5	—	—
Data entry keyers	9.35	8.3	9.34	10.0	—	—
Teachers' aides	9.20	3.2	—	—	9.24	3.2
2	9.05	5.5	—	—	9.05	5.5
3	9.30	1.6	—	—	9.30	1.6
Administrative support, n.e.c.	11.63	3.5	11.67	3.7	—	—
3	10.05	7.5	—	—	—	—
4	10.87	6.5	10.89	6.7	—	—
5	12.07	4.7	12.07	4.8	—	—
Blue collar	12.50	2.7	12.47	2.8	13.10	3.5
1	7.80	3.5	7.80	3.5	—	—
2	8.86	4.7	8.83	4.8	9.99	3.9
3	11.53	4.8	11.55	5.0	11.21	4.2
4	12.72	8.9	12.84	9.2	10.52	5.3
5	13.08	2.3	13.18	2.5	11.71	2.7
6	14.78	2.4	14.73	2.8	14.94	4.3
7	17.87	2.1	18.03	2.2	16.20	4.2
8	20.33	3.2	20.42	3.3	—	—
9	21.84	3.8	21.83	3.8	—	—
Precision production, craft, and repair	15.48	3.1	15.59	3.5	14.56	3.6
1	8.23	2.3	8.25	2.3	—	—
2	8.80	4.0	8.71	3.9	—	—
3	10.30	3.1	10.34	3.3	—	—
4	11.13	2.7	11.16	2.9	—	—
5	12.59	3.1	12.76	3.4	11.37	3.5
6	15.12	2.5	15.10	3.0	15.15	4.5
7	18.17	2.3	18.41	2.5	16.21	4.3
8	20.38	3.3	20.49	3.4	—	—
9	22.04	4.4	22.03	4.5	—	—
Supervisors, mechanics and repairers	23.95	13.8	25.87	15.8	—	—
7	18.59	2.1	—	—	—	—
Automobile mechanics	16.33	6.7	16.31	6.9	—	—
Bus, truck, and stationary engine mechanics	14.33	7.1	14.84	7.3	—	—
Aircraft engine mechanics	19.85	5.1	19.85	5.1	—	—
7	20.13	4.5	20.13	4.5	—	—
Industrial machinery repairers	14.76	5.1	14.91	5.2	—	—
7	15.79	5.7	15.79	5.7	—	—
Electronic repairers, communications and industrial equipment	21.01	2.6	21.08	2.6	—	—
Heating, air conditioning, and refrigeration mechanics	16.21	6.6	—	—	—	—
Mechanics and repairers, n.e.c.	15.65	11.5	16.94	12.2	12.95	6.0
Supervisors, construction trades, n.e.c.	18.80	7.6	—	—	—	—
Carpenters	11.90	9.6	11.42	11.5	—	—
Electricians	19.27	13.0	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998** — Continued

Occupation and level	Total		Private industry		State and local government	
	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	\$16.76	6.8	—	—	—	—
Construction trades, n.e.c.	13.22	5.0	—	—	\$12.65	7.1
Supervisors, production	18.52	7.1	\$18.59	7.2	—	—
7	18.51	5.5	—	—	—	—
Precision assemblers, metal	16.77	11.0	16.77	11.0	—	—
Sheet metal workers	14.78	10.6	14.78	10.6	—	—
Electrical and electronic equipment assemblers ..	9.98	4.5	9.98	4.5	—	—
5	13.01	7.7	13.01	7.7	—	—
Butchers and meat cutters	13.81	3.1	13.81	3.1	—	—
Inspectors, testers, and graders	13.59	5.6	12.81	3.8	—	—
5	12.00	4.4	12.00	4.4	—	—
Stationary engineers	13.64	10.0	—	—	—	—
Machine operators, assemblers, and inspectors	11.20	3.9	11.20	3.9	—	—
1	6.79	5.4	6.79	5.4	—	—
2	9.24	6.9	9.24	6.9	—	—
3	11.55	8.7	11.55	8.7	—	—
4	11.49	3.9	11.49	3.9	—	—
5	12.70	2.5	12.70	2.5	—	—
6	13.26	3.5	13.26	3.5	—	—
7	16.85	3.7	16.85	3.7	—	—
Numerical control machine operators	17.05	9.0	17.05	9.0	—	—
Fabricating machine operators, n.e.c.	11.54	12.5	11.54	12.5	—	—
Printing press operators	14.67	9.6	14.67	9.6	—	—
Textile sewing machine operators	6.57	12.1	6.57	12.1	—	—
2	8.02	9.7	8.02	9.7	—	—
Packaging and filling machine operators	10.82	4.3	10.82	4.3	—	—
Extruding and forming machine operators	10.46	17.2	10.46	17.2	—	—
Slicing and cutting machine operators	10.67	14.5	10.67	14.5	—	—
Miscellaneous machine operators, n.e.c.	10.84	9.5	10.84	9.5	—	—
2	9.59	12.4	9.59	12.4	—	—
4	11.25	4.0	11.25	4.0	—	—
5	12.86	5.1	12.86	5.1	—	—
Welders and cutters	12.36	6.5	12.36	6.5	—	—
5	12.15	6.4	12.15	6.4	—	—
Assemblers	11.74	5.9	11.74	5.9	—	—
1	7.31	6.2	7.31	6.2	—	—
2	9.71	11.8	9.71	11.8	—	—
3	14.44	12.7	14.44	12.7	—	—
4	12.04	9.3	12.04	9.3	—	—
5	12.75	5.0	12.75	5.0	—	—
Miscellaneous hand working, n.e.c.	9.11	18.3	9.11	18.3	—	—
Production inspectors, checkers and examiners ..	11.42	7.3	11.42	7.3	—	—
Production testers	11.68	11.4	11.68	11.4	—	—
Transportation and material moving	13.91	6.6	14.17	7.0	11.69	3.0
2	10.47	7.7	10.46	8.4	—	—
3	12.67	8.5	12.83	10.0	11.95	6.5
4	14.67	13.1	14.94	13.4	11.24	2.0
5	14.76	6.7	15.00	7.2	12.10	2.6
6	15.55	8.1	15.95	8.8	—	—
Truck drivers	14.00	7.2	14.37	7.6	10.49	3.5
3	14.38	12.1	—	—	—	—
4	12.21	11.4	12.29	12.2	—	—
5	15.33	11.1	15.35	11.3	—	—
Bus drivers	12.16	7.2	—	—	12.88	4.2
Industrial truck and tractor equipment operators ..	10.86	8.6	10.81	9.7	—	—
3	10.74	14.9	10.74	14.9	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.86	12.8	17.07	12.7	—	—
Handlers, equipment cleaners, helpers, and laborers	9.59	3.6	9.57	3.8	10.26	6.7

See footnotes at end of table.

Table 4-2. Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	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						
1	\$8.14	3.9	\$8.14	3.9	—	—
2	7.68	4.6	7.62	4.6	—	—
3	11.09	7.7	11.14	8.0	—	—
4	11.33	7.7	11.52	7.9	—	—
5	12.45	3.4	12.44	3.7	—	—
Groundskeepers and gardeners, except farm	8.15	11.3	7.93	12.0	—	—
Construction laborers	7.30	2.0	—	—	—	—
Production helpers	8.42	11.7	8.42	11.7	—	—
Stock handlers and baggers	9.23	7.9	9.23	7.9	—	—
1	8.08	9.8	8.08	9.8	—	—
3	9.81	5.0	9.81	5.0	—	—
4	11.61	8.6	11.61	8.6	—	—
Freight, stock, and material handlers, n.e.c.	11.45	9.2	11.54	9.4	—	—
3	13.63	13.8	13.63	13.8	—	—
Vehicle washers and equipment cleaners	9.79	8.2	9.79	8.2	—	—
Hand packers and packagers	10.21	4.8	10.21	4.8	—	—
2	8.61	4.0	8.61	4.0	—	—
Laborers, except construction, n.e.c.	9.53	6.9	9.42	7.4	—	—
1	7.93	2.3	7.93	2.3	—	—
Service	9.47	5.6	8.15	6.5	\$13.37	3.4
1	6.24	3.0	6.17	3.0	7.30	3.5
2	7.55	3.1	7.25	3.6	8.57	3.9
3	7.72	5.2	7.05	6.6	9.73	2.1
4	9.73	5.4	9.40	6.9	10.87	2.3
5	17.70	15.9	—	—	12.08	4.0
6	13.74	6.1	13.37	8.5	14.54	4.3
7	16.67	10.1	—	—	16.94	3.6
8	17.92	6.4	—	—	18.99	5.4
9	19.58	6.2	—	—	19.92	6.7
10	24.31	10.6	—	—	21.81	5.1
Protective service	12.92	7.5	8.50	8.3	16.64	3.0
1	7.15	5.1	7.15	5.1	—	—
2	7.69	10.9	—	—	—	—
3	8.64	6.6	—	—	—	—
4	10.26	4.9	—	—	—	—
5	11.34	2.0	—	—	11.28	2.1
6	15.32	4.1	—	—	14.87	4.0
7	16.63	3.8	—	—	16.87	3.7
8	18.54	6.0	—	—	18.99	5.4
9	19.39	6.3	—	—	19.39	6.3
10	24.31	10.6	—	—	21.81	5.1
Supervisors, firefighters and fire prevention	18.61	5.7	—	—	18.61	5.7
Supervisors, police and detectives	23.74	3.9	—	—	23.74	3.9
Supervisors, guards	17.64	19.8	—	—	—	—
Firefighting	14.49	3.2	—	—	14.49	3.2
7	14.39	4.3	—	—	14.39	4.3
Police and detectives, public service	19.42	2.8	—	—	19.42	2.8
7	18.43	3.0	—	—	18.43	3.0
Sheriffs, bailiffs, and other law enforcement officers	14.48	1.3	—	—	14.48	1.3
Correctional institution officers	11.18	2.2	—	—	11.18	2.2
5	10.91	.9	—	—	10.91	.9
Guards and police, except public service	7.95	6.6	7.91	6.6	—	—
1	7.15	5.1	7.15	5.1	—	—
3	8.62	7.1	—	—	—	—
Food service	7.34	6.0	7.15	6.8	8.77	6.9
1	5.78	3.4	5.61	3.2	7.11	5.0
2	7.21	7.3	7.10	8.4	7.95	6.5
3	5.88	10.6	5.48	10.8	—	—
4	8.80	7.3	8.60	8.5	—	—

See footnotes at end of table.

Table 4-2. Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
Food service—Continued						
5	\$10.50	10.3	—	—	—	—
6	12.91	9.2	\$12.93	9.3	—	—
Supervisors, food preparation and service	11.24	9.5	11.06	11.1	—	—
6	14.93	12.6	—	—	—	—
Waiters and waitresses	4.42	31.4	4.42	31.4	—	—
Cooks	7.95	7.9	7.87	9.5	\$8.35	4.4
2	7.64	5.3	—	—	—	—
3	6.94	4.8	6.65	5.0	—	—
4	8.47	4.4	—	—	—	—
Food counter, fountain, and related	6.23	3.3	6.11	3.5	—	—
1	6.17	3.4	6.03	3.7	—	—
Kitchen workers, food preparation	7.67	5.3	7.68	5.9	—	—
1	6.25	3.8	6.35	4.2	—	—
Waiters/Waitresses' assistants	8.40	18.7	8.40	18.7	—	—
Food preparation, n.e.c.	6.11	3.1	5.77	2.0	8.21	6.1
1	5.84	3.7	5.58	1.7	—	—
2	6.47	3.7	—	—	—	—
Health service	7.86	3.0	7.69	3.2	10.21	7.8
1	6.81	7.0	6.81	7.0	—	—
2	7.35	4.3	7.20	4.1	—	—
3	8.01	3.6	8.03	3.7	—	—
4	8.52	7.1	—	—	—	—
Health aides, except nursing	8.45	4.1	8.20	3.6	9.55	11.8
3	8.05	4.8	8.15	5.0	—	—
Nursing aides, orderlies and attendants	7.62	4.0	7.56	4.1	—	—
2	7.23	4.8	7.06	4.2	—	—
3	7.96	4.7	7.96	4.7	—	—
Cleaning and building service	7.29	9.2	6.61	6.9	10.13	6.9
1	6.15	3.9	—	—	7.67	3.5
2	7.91	5.2	7.58	7.8	8.30	6.5
3	9.93	2.5	—	—	10.14	2.2
4	9.94	5.8	9.63	5.7	—	—
Supervisors, cleaning and building service workers	13.95	8.1	—	—	—	—
Maids and housemen	6.01	4.1	6.01	4.1	—	—
1	5.84	4.3	5.84	4.3	—	—
Janitors and cleaners	6.98	8.6	6.48	6.8	9.13	3.8
1	—	—	—	—	7.67	3.5
2	8.29	5.5	8.27	9.6	8.30	6.5
3	9.93	2.5	—	—	10.14	2.2
4	10.31	6.0	9.99	6.1	—	—
Personal service	18.16	17.4	22.69	19.2	9.69	5.3
2	8.40	4.6	—	—	—	—
3	8.58	6.4	—	—	—	—
Early childhood teachers' assistants	9.09	5.3	—	—	9.64	3.2

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, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendices C and D for more information.

³ 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.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

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. Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$8.40	4.5	\$8.27	4.8	\$10.20	4.7
All excluding sales	8.71	5.2	8.59	5.7	10.20	4.7
White collar	10.49	5.9	10.27	6.4	13.19	7.4
1	5.85	1.6	5.82	1.7	—	—
2	7.25	4.6	7.01	4.4	—	—
3	7.90	3.0	7.90	3.1	7.88	8.5
4	9.27	9.0	9.35	9.5	—	—
5	11.51	10.1	12.00	12.6	—	—
6	15.99	5.6	16.33	6.2	—	—
7	15.68	6.7	15.94	6.7	—	—
8	18.43	1.7	18.32	1.8	—	—
9	18.75	9.8	20.18	5.6	—	—
Not able to be leveled	16.62	14.7	16.57	15.2	—	—
White collar excluding sales	13.34	6.9	13.36	7.9	13.19	7.4
1	5.81	4.6	—	—	—	—
2	8.17	3.2	7.86	3.2	—	—
3	8.50	2.7	8.55	2.9	7.88	8.5
4	9.86	8.4	10.00	8.8	—	—
5	11.79	11.6	—	—	—	—
6	15.99	5.6	16.33	6.2	—	—
7	16.05	6.9	16.37	6.9	—	—
8	18.43	1.7	18.32	1.8	—	—
9	18.75	9.8	20.18	5.6	—	—
Not able to be leveled	17.01	15.0	—	—	—	—
Professional specialty and technical	19.09	7.3	19.43	8.3	17.30	7.6
Professional specialty	20.40	8.1	20.99	9.2	17.67	8.7
5	9.74	7.1	—	—	—	—
7	16.27	7.4	16.64	7.4	—	—
8	18.37	1.8	18.25	1.9	—	—
9	18.63	12.1	20.46	6.9	—	—
Engineers, architects, and surveyors	—	—	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	22.71	11.6	22.80	11.9	—	—
7	20.38	5.3	20.38	5.3	—	—
8	17.99	1.1	17.85	1.0	—	—
9	20.75	6.9	20.75	6.9	—	—
Registered nurses	20.05	6.9	20.06	7.3	—	—
8	18.20	1.7	18.06	1.7	—	—
Teachers, college and university	19.58	11.6	—	—	19.76	12.2
Teachers, post secondary, subject not specified ..	19.63	13.5	—	—	—	—
Teachers, except college and university	13.34	10.7	14.01	8.3	12.75	18.9
8	18.99	9.9	—	—	—	—
Teachers, n.e.c.	13.79	8.3	13.60	10.1	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	14.92	7.0	14.89	7.8	—	—
Licensed practical nurses	16.02	4.9	16.02	4.9	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	6.84	3.8	6.84	3.8	—	—
1	5.86	1.8	5.86	1.8	—	—
2	6.50	5.1	6.50	5.1	—	—
3	7.45	5.2	7.45	5.2	—	—
Sales workers, other commodities	6.64	9.2	6.64	9.2	—	—
Cashiers	6.36	2.4	6.36	2.4	—	—
1	5.95	1.9	5.95	1.9	—	—
Administrative support, including clerical	8.37	2.6	8.31	2.8	8.81	4.6
1	5.81	4.6	—	—	—	—

See footnotes at end of table.

Table 4-3. Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar –Continued						
Administrative support, including clerical –Continued						
2	\$8.17	3.2	\$7.86	3.2	–	–
3	8.47	3.0	8.52	3.1	\$7.98	9.6
4	8.89	6.5	8.99	6.9	–	–
Receptionists	7.99	5.3	–	–	–	–
General office clerks	7.34	6.3	6.80	6.0	–	–
Administrative support, n.e.c.	11.19	4.5	11.19	4.5	–	–
Blue collar	8.47	9.3	8.45	9.6	9.36	5.9
1	6.67	4.9	6.64	4.9	–	–
2	7.54	3.7	7.53	3.7	–	–
3	8.78	8.7	–	–	–	–
Precision production, craft, and repair	–	–	–	–	–	–
Machine operators, assemblers, and inspectors	–	–	–	–	–	–
Transportation and material moving	10.11	18.0	10.12	19.1	9.89	5.7
3	11.03	5.1	–	–	–	–
Bus drivers	–	–	–	–	9.89	5.7
Handlers, equipment cleaners, helpers, and laborers	7.55	3.7	7.54	3.8	–	–
1	6.97	4.4	6.95	4.5	–	–
2	7.45	4.5	7.45	4.5	–	–
Stock handlers and baggers	6.39	4.1	6.39	4.1	–	–
1	6.20	5.6	6.20	5.6	–	–
2	6.49	6.5	6.49	6.5	–	–
Laborers, except construction, n.e.c.	8.14	9.8	8.15	10.4	–	–
1	7.12	6.1	–	–	–	–
2	8.32	4.6	8.32	4.6	–	–
Service	6.20	6.6	6.10	7.2	7.36	4.0
1	5.54	5.7	5.46	6.2	6.85	3.1
2	6.26	6.5	6.15	7.0	7.11	9.0
3	5.96	13.1	5.66	15.1	–	–
4	8.16	6.1	–	–	–	–
Protective service	7.79	6.2	7.76	6.3	8.60	20.1
Guards and police, except public service	7.83	6.5	7.76	6.3	–	–
Food service	5.01	6.2	4.61	7.6	7.31	5.1
1	4.85	9.0	4.57	10.8	6.94	4.0
2	6.04	8.7	5.49	11.0	–	–
3	4.34	15.4	3.86	17.0	–	–
Waiters and waitresses	3.36	16.9	3.36	16.9	–	–
3	3.95	22.4	3.95	22.4	–	–
Kitchen workers, food preparation	7.37	5.7	–	–	–	–
1	6.96	3.1	–	–	–	–
Food preparation, n.e.c.	6.22	4.7	5.60	2.6	6.92	6.1
1	5.82	4.2	–	–	6.39	5.5
Health service	7.89	3.9	7.89	4.6	–	–
Nursing aides, orderlies and attendants	7.82	4.4	7.82	5.4	–	–
Cleaning and building service	5.65	3.4	5.61	3.4	–	–
1	5.56	3.1	5.52	3.0	–	–
Janitors and cleaners	5.66	3.6	5.62	3.5	–	–
1	5.59	3.3	5.54	3.2	–	–

See footnotes at end of table.

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1998 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service —Continued						
Personal service	\$7.41	21.4	\$7.41	21.6	—	—
1	5.36	3.6	5.36	3.6	—	—
2	7.08	5.5	7.08	5.5	—	—
3	6.69	2.6	6.66	2.7	—	—

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, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendices C and D for more information.

³ 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.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

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 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Dallas-Fort Worth, TX, July 1998**

Occupational group	Private industry and State and local government					
	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
	Mean					
All occupations	\$17.02	\$8.40	\$18.91	\$16.11	\$16.32	\$16.79
All excluding sales	17.14	8.71	19.02	16.31	16.54	16.68
White collar	21.02	10.49	32.28	20.16	20.45	20.61
White-collar excluding sales	21.70	13.34	34.10	21.09	21.28	31.60
Professional specialty and technical	25.01	19.09	109.04	23.80	24.79	45.11
Professional specialty	25.70	20.40	—	25.53	25.50	63.24
Technical	22.38	14.92	109.04	16.87	22.09	—
Executive, administrative, and managerial	28.79	—	—	28.76	28.24	42.25
Sales	15.17	6.84	—	13.64	12.24	16.96
Administrative support, including clerical	12.49	8.37	14.13	12.16	12.21	15.65
Blue collar	12.50	8.47	15.58	11.27	12.20	12.51
Precision production, craft, and repair	15.48	—	18.34	14.45	15.38	—
Machine operators, assemblers, and inspectors	11.20	—	14.16	10.26	11.12	11.55
Transportation and material moving	13.91	10.11	16.71	12.47	13.44	13.39
Handlers, equipment cleaners, helpers, and laborers	9.59	7.55	12.42	8.60	9.31	—
Service	9.47	6.20	23.85	8.28	8.86	—
	Relative error ⁶ (percent)					
All occupations	2.3	4.5	8.1	2.4	2.3	8.9
All excluding sales	2.4	5.2	8.1	2.5	2.4	11.8
White collar	2.1	5.9	25.6	2.0	2.2	11.3
White-collar excluding sales	2.1	6.9	26.3	1.9	2.2	18.6
Professional specialty and technical	2.5	7.3	23.9	1.8	2.5	30.1
Professional specialty	1.8	8.1	—	1.8	1.8	20.8
Technical	11.3	7.0	23.9	3.5	11.1	—
Executive, administrative, and managerial	2.9	—	—	2.9	3.0	13.0
Sales	5.2	3.8	—	5.5	6.0	10.9
Administrative support, including clerical	1.6	2.6	4.9	1.7	1.6	3.4
Blue collar	2.7	9.3	5.1	2.4	2.7	8.2
Precision production, craft, and repair	3.1	—	3.9	3.4	3.2	—
Machine operators, assemblers, and inspectors	3.9	—	7.9	4.8	4.1	10.9
Transportation and material moving	6.6	18.0	12.1	5.0	7.6	11.9
Handlers, equipment cleaners, helpers, and laborers	3.6	3.7	7.2	2.6	3.3	—
Service	5.6	6.6	25.4	3.9	4.6	—

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, 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 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.

⁴ Union workers are those whose wages are determined through collective bargaining.

⁵ Time workers' wages are based solely on an hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

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.

Table 5-2. Major industry division: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupational group	Full-time and part-time workers									
	All private industries	Goods-producing industries ³				Service-producing industries ⁴				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
	Mean									
All occupations	\$16.07	\$16.96	\$33.65	\$13.26	\$16.93	\$15.70	\$21.01	-	-	\$15.29
All excluding sales	16.29	16.85	33.65	12.63	16.82	16.04	20.92	-	-	15.41
White collar	20.49	24.63	33.97	18.85	24.51	19.38	24.11	-	-	20.19
White-collar excluding sales	21.70	24.92	33.97	19.16	24.59	20.73	24.09	-	-	20.83
Professional specialty and technical	25.55	26.71	40.09	-	26.00	25.07	40.12	-	-	21.82
Professional specialty	26.34	30.01	42.57	-	29.09	24.89	29.31	-	-	23.95
Technical	23.19	18.27	-	-	18.20	25.64	79.67	-	-	15.77
Executive, administrative, and managerial	29.27	31.16	36.56	22.13	32.23	28.60	22.94	-	-	31.39
Sales	13.60	20.83	-	-	22.85	12.79	24.72	-	-	12.96
Administrative support, including clerical	12.48	13.35	14.28	-	13.26	12.34	13.87	-	-	11.70
Blue collar	12.19	11.92	-	10.81	12.07	12.51	15.38	-	-	9.55
Precision production, craft, and repair	15.57	14.33	-	13.68	14.40	17.97	19.00	-	-	12.98
Machine operators, assemblers, and inspectors	11.17	11.29	-	-	11.29	9.94	-	-	-	9.68
Transportation and material moving	13.63	12.76	-	-	12.69	13.82	13.71	-	-	11.48
Handlers, equipment cleaners, helpers, and laborers	9.26	8.96	-	7.78	9.67	9.40	13.17	-	-	7.47
Service	7.70	9.17	-	-	9.11	7.67	-	-	-	6.95
	Relative error ⁵ (percent)									
All occupations	2.7	2.8	6.5	11.2	2.9	3.7	6.8	-	-	7.4
All excluding sales	2.8	2.8	6.5	11.0	2.9	3.9	6.6	-	-	7.7
White collar	2.6	2.5	5.8	5.5	2.7	3.5	10.0	-	-	5.4
White-collar excluding sales	2.6	2.5	5.8	8.8	2.7	3.5	10.0	-	-	5.3
Professional specialty and technical	3.2	3.1	5.7	-	3.3	4.5	14.8	-	-	4.6
Professional specialty	2.3	2.4	4.5	-	2.5	3.5	7.1	-	-	4.9
Technical	12.1	7.1	-	-	7.4	15.9	26.2	-	-	3.8
Executive, administrative, and managerial	3.3	4.6	5.6	10.3	5.1	4.2	4.8	-	-	5.1
Sales	5.4	7.4	-	-	10.4	6.1	25.3	-	-	15.1
Administrative support, including clerical	1.8	3.5	6.2	-	3.9	2.0	3.3	-	-	3.3
Blue collar	2.7	2.6	-	7.5	2.7	5.0	4.8	-	-	8.6
Precision production, craft, and repair	3.4	3.5	-	7.4	4.0	4.9	4.6	-	-	8.7
Machine operators, assemblers, and inspectors	3.8	4.1	-	-	4.1	8.9	-	-	-	13.2
Transportation and material moving	7.1	5.2	-	-	6.3	8.2	8.2	-	-	21.9
Handlers, equipment cleaners, helpers, and laborers	3.3	3.4	-	4.2	3.9	4.5	9.3	-	-	5.1
Service	5.1	6.2	-	-	7.3	5.2	-	-	-	3.9

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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 Goods-producing industries include mining, construction, and manufacturing.

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

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.

Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1998

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers	100 workers or more		
			Total	100 - 499 workers	500 workers or more
	Mean				
All occupations	\$16.07	\$11.98	\$16.86	\$13.75	\$19.81
All excluding sales	16.29	12.09	17.06	13.68	20.14
White collar	20.49	15.23	21.20	18.48	22.92
White-collar excluding sales	21.70	16.92	22.22	19.53	23.70
Professional specialty and technical	25.55	22.28	25.76	22.79	26.78
Professional specialty	26.34	23.09	26.49	25.89	26.68
Technical	23.19	21.24	23.41	15.18	27.14
Executive, administrative, and managerial	29.27	27.64	29.41	27.06	30.92
Sales	13.60	11.20	14.33	14.39	14.25
Administrative support, including clerical	12.48	11.31	12.70	12.54	12.82
Blue collar	12.19	11.66	12.32	11.27	13.79
Precision production, craft, and repair	15.57	18.35	14.93	14.11	15.51
Machine operators, assemblers, and inspectors	11.17	9.77	11.46	10.47	13.36
Transportation and material moving	13.63	12.34	13.84	12.61	16.72
Handlers, equipment cleaners, helpers, and laborers	9.26	8.37	9.59	9.15	10.21
Service	7.70	6.64	8.04	6.89	10.78
	Relative error ³ (percent)				
All occupations	2.7	5.2	3.0	4.6	3.4
All excluding sales	2.8	5.6	3.1	4.7	3.5
White collar	2.6	6.6	2.7	4.5	3.4
White-collar excluding sales	2.6	7.0	2.7	4.3	3.3
Professional specialty and technical	3.2	8.8	3.4	7.6	3.9
Professional specialty	2.3	10.8	2.4	8.0	2.1
Technical	12.1	16.4	13.3	5.8	16.3
Executive, administrative, and managerial	3.3	9.2	3.4	5.0	4.4
Sales	5.4	11.1	6.0	7.7	9.8
Administrative support, including clerical	1.8	5.8	1.9	2.7	2.7
Blue collar	2.7	6.4	3.0	3.2	5.1
Precision production, craft, and repair	3.4	7.8	3.4	4.2	5.3
Machine operators, assemblers, and inspectors	3.8	7.9	4.4	5.8	7.5
Transportation and material moving	7.1	6.1	7.9	6.5	12.6
Handlers, equipment cleaners, helpers, and laborers	3.3	3.9	4.0	3.5	8.0
Service	5.1	7.7	6.6	4.7	12.8

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, 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 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.

Appendix A: Technical Note

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

Planning for the survey

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

Survey scope

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

The Dallas-Fort Worth, TX, Metropolitan Statistical Area includes Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties, TX.

Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated.

Sample design

The sample for this survey area was selected using a two-stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy which were not selected for collection. See appendix table 1 for a count of establishments in the survey by employment size. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

Data collection

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

Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multi-step process:

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the Census of Population system
3. Characterization of jobs as full-time v. part-time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

For each occupation, wage data 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 collected in each establishment was based on an establishment's employment size as shown in the following schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50-99	8
100-249	10
250-999	12
1000-2,499	16
2,500+	20

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

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

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

Appendix B contains a complete list of all individual occupations, classified by the MOG to which they belong. In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on

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

Generic leveling through point factor analysis

In the last step before wage data were collected, the work level of each selected job was determined using a "generic leveling" process. Generic leveling ranks and compares all occupations randomly selected in an establishment using the same criteria. This is a major departure from the method used in the past in the Bureau's Occupational Compensation Surveys which studied specifically defined occupations with leveling definitions unique to each occupation.

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

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

Each factor contains a number of levels and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on which written description best matched the job. Within each occupation, the points for nine factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. Appendix table 3 presents average work levels for published occupational groups and selected occupations. A description of the levels for each factor is shown in appendix C.

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

Wage data collected in prior surveys using the new generic leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 generic level factors (and levels within those factors). The analysis showed that several of the generic level factors, most nota-

bly knowledge and supervision received, had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased. Detailed research continues in the area and will be published by BLS in the future.

Collection period

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

Earnings

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

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

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

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

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

Definition of terms

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

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

Level. A ranking of an occupation based on the requirements of the position. (See the description in the technical note and the example 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 Bureau's National Office following collection.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of the

nonrespondents equals the mean value of the respondents at some detailed “cell” level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group and job level.

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

Survey response

	Establish- ments
Total in sample	640
Responding	452
Out of business or not in survey scope	50
Unable or refused to pro- vide data	138

Some surveys may have a high nonresponse rate for the all industries or private industry iterations. Such instances are noted in the bulletin table footnotes.

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 number of workers; the sample weight adjusted for nonresponding establishments and other factors; and the occupation work schedule, varying depending on whether hourly, weekly, or annual rates are being calculated.

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 publishing a series that could have revealed information about a specific establishment.

Estimates of the number of workers represent the total in all establishments within the scope of the study and not the number actually surveyed. Because occupational structures among establishments differ, estimates of the number of workers obtained from the sample of establish-

ments serve only to indicate 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 each other.

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

The standard error can be used to calculate a “confidence interval” around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers was \$12.79 with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$13.55 to \$12.03 (1.645 times 3.6 percent = 5.922 percent times \$12.27, plus or minus \$0.76). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

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

Appendix table 1. **Number of workers¹ represented by the survey, by occupational group,² National Compensation Survey, Dallas-Fort Worth, TX, July 1998**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	1,238,800	1,031,400	207,400
All excluding sales	1,148,400	941,300	207,100
White collar	691,400	547,200	144,200
White-collar excluding sales	601,000	457,100	143,900
Professional specialty and technical	284,100	188,900	95,200
Professional specialty	228,500	140,400	88,000
Technical	55,600	48,400	7,200
Executive, administrative, and managerial	119,300	102,700	16,700
Sales	90,400	90,100	—
Administrative support, including clerical	197,600	165,500	32,000
Blue collar	331,500	312,700	18,900
Precision production, craft, and repair	87,500	77,900	9,500
Machine operators, assemblers, and inspectors	87,000	87,000	—
Transportation and material moving	57,200	50,700	6,600
Handlers, equipment cleaners, helpers, and laborers	99,800	97,000	2,800
Service	215,900	171,500	44,300

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

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.

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

Appendix table 2. **Number of establishments represented by survey and the number studied by industry division and establishment employment size, Dallas-Fort Worth, TX, July 1998**

Industry	Number of establishments represented ¹	Number of establishments studied				
		Total studied	50 - 99 workers	100 workers or more		
				Total	100 - 499 workers	500 workers or more
All industries	6,300	443	103	340	183	157
Private industry	6,100	373	103	270	166	104
Goods-producing industries	1,300	98	18	80	44	36
Mining	(²)	7	1	6	2	4
Construction	300	10	3	7	6	1
Manufacturing	1,000	81	14	67	36	31
Service-producing industries	4,800	275	85	190	122	68
Transportation and public utilities	400	33	5	28	13	15
Wholesale and retail trade	2,200	87	38	49	37	12
Finance, insurance and real estate	600	21	7	14	10	4
Services	1,700	134	35	99	62	37
State and local government	200	70	—	70	17	53

¹ Number of establishments represented by the survey rounded to the nearest 100.
² Number of establishments represented by the survey is fewer than 50.

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