

Dallas–Fort Worth, TX National Compensation Survey July 1999

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Preface

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

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

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

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

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

About the tables

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

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

Table 2–1 presents estimates of mean hourly earnings, and the relative standard errors associated with them, for

detailed occupations within all industries, private industry, and State and local government. Table 2–2 presents the same type of information for full-time workers only. Table 2–3 provides similar data for workers designated as part-time.

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

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

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

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

Appendix table 1 provides the employment scope of this survey. The occupation employment estimates relate to all employers in the area, rather than just to those surveyed. Appendix table 2 presents the number of establishments studied by industry group and employment size. The median work levels for published occupations are presented in appendix table 3.

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 1999

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	\$17.05	2.4	37.4	\$16.73	2.9	37.2	\$18.70	1.9	38.2
Worker characteristics:⁴									
White-collar occupations ⁵	21.18	2.5	37.9	21.18	3.1	37.9	21.20	2.1	38.1
Professional specialty and technical	25.73	2.8	37.9	26.41	3.8	38.2	24.01	1.8	37.3
Executive, administrative, and managerial	29.59	3.2	40.3	30.21	3.5	40.3	25.98	4.9	40.4
Sales	13.82	5.2	33.8	13.82	5.2	33.7	-	-	-
Administrative support	12.62	1.5	38.5	12.85	1.7	38.5	11.41	2.1	38.7
Blue-collar occupations ⁵	12.61	3.2	38.8	12.56	3.4	38.8	13.43	3.7	38.5
Precision production, craft, and repair	16.00	3.3	40.0	16.13	3.6	40.0	15.02	3.8	39.9
Machine operators, assemblers, and inspectors	10.84	3.9	39.5	10.84	3.9	39.5	-	-	-
Transportation and material moving	14.43	7.2	40.0	14.69	7.6	40.5	12.04	2.7	35.8
Handlers, equipment cleaners, helpers, and laborers	9.65	3.7	36.2	9.62	3.8	36.1	10.60	8.7	39.4
Service occupations ⁵	9.66	4.1	33.3	8.34	5.3	31.9	13.76	3.3	38.7
Full time	17.71	2.4	39.8	17.46	2.9	39.8	18.94	1.9	39.7
Part time	9.00	7.7	21.4	8.88	8.3	21.8	10.76	5.2	17.6
Union	19.64	8.3	35.9	19.64	8.3	35.9	-	-	-
Nonunion	16.79	2.5	37.5	16.38	3.1	37.4	18.70	1.9	38.2
Time	17.12	2.5	37.2	16.79	3.0	37.0	18.70	1.9	38.2
Incentive	16.00	7.4	39.9	16.00	7.4	39.9	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	17.21	2.8	40.0	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)
50-99 workers ⁷	13.73	7.1	35.9	13.73	7.1	35.9	-	-	-
100-499 workers	13.80	3.9	37.4	13.60	4.2	37.4	16.98	5.1	38.6
500 workers or more	20.12	3.1	37.7	20.56	4.0	37.6	18.94	2.0	38.2

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

² 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.

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

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$17.05	2.4	\$16.73	2.9	\$18.70	1.9
All excluding sales	17.31	2.5	17.02	3.0	18.70	1.9
White collar	21.18	2.5	21.18	3.1	21.20	2.1
White collar excluding sales	22.30	2.4	22.60	3.0	21.21	2.1
Professional specialty and technical	25.73	2.8	26.41	3.8	24.01	1.8
Professional specialty	26.39	2.0	27.07	2.8	24.99	1.7
Engineers, architects, and surveyors	29.63	2.9	29.70	3.0	—	—
Electrical and electronic engineers	28.60	3.8	28.60	3.8	—	—
Industrial engineers	24.23	5.9	24.23	5.9	—	—
Mechanical engineers	25.84	5.3	25.84	5.3	—	—
Engineers, n.e.c.	33.01	4.1	33.13	4.1	—	—
Mathematical and computer scientists	29.53	5.0	29.61	5.0	—	—
Computer systems analysts and scientists	29.76	5.3	29.85	5.3	—	—
Natural scientists	45.89	8.2	47.47	7.8	—	—
Geologists and geodesists	47.47	7.8	47.47	7.8	—	—
Health related	21.40	4.5	21.34	5.1	21.77	7.5
Registered nurses	20.04	2.6	19.78	2.5	22.06	9.8
Pharmacists	24.76	9.2	—	—	—	—
Teachers, college and university	32.02	7.0	23.09	5.9	33.19	7.5
Other post-secondary teachers	28.63	7.0	23.80	7.2	29.41	7.6
Teachers, except college and university	23.55	2.0	17.24	11.8	24.31	1.2
Prekindergarten and kindergarten	17.48	21.0	—	—	23.78	3.5
Elementary school teachers	23.40	1.3	18.43	6.1	23.76	.9
Secondary school teachers	24.61	1.6	26.56	8.8	24.43	1.5
Teachers, special education	23.72	2.5	—	—	23.72	2.5
Teachers, n.e.c.	23.21	3.4	15.66	7.2	26.55	1.8
Vocational and educational counselors	27.50	12.1	—	—	30.03	11.0
Librarians, archivists, and curators	19.95	9.0	—	—	20.86	8.8
Librarians	19.95	9.0	—	—	20.86	8.8
Social scientists and urban planners	25.03	6.8	—	—	27.52	4.3
Psychologists	28.08	3.9	—	—	28.08	3.9
Social, recreation, and religious workers	14.15	7.1	13.01	11.2	15.36	7.1
Social workers	15.16	8.7	—	—	15.43	7.3
Lawyers and judges	41.51	6.6	—	—	37.76	10.5
Lawyers	40.49	8.0	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.95	8.1	27.76	8.4	—	—
Designers	19.92	19.7	19.92	19.7	—	—
Editors and reporters	20.43	4.6	20.43	4.6	—	—
Technical	23.29	11.8	24.54	12.9	15.11	5.6
Clinical laboratory technologists and technicians	16.67	3.3	17.22	3.2	—	—
Radiological technicians	17.06	18.7	—	—	—	—
Licensed practical nurses	14.69	3.4	14.85	3.4	—	—
Health technologists and technicians, n.e.c.	12.16	8.0	12.01	8.7	—	—
Electrical and electronic technicians	19.14	4.1	19.10	4.2	—	—
Engineering technicians, n.e.c.	16.15	11.9	—	—	—	—
Drafters	18.60	4.9	18.60	4.9	—	—
Airplane pilots and navigators	103.51	23.5	103.51	23.5	—	—
Computer programmers	20.25	8.6	20.21	8.7	—	—
Technical and related, n.e.c.	15.76	11.2	16.05	16.3	—	—
Executive, administrative, and managerial	29.59	3.2	30.21	3.5	25.98	4.9
Executives, administrators, and managers	34.81	3.2	35.87	3.5	29.20	4.7
Administrators and officials, public administration	27.09	7.2	—	—	27.09	7.2
Financial managers	35.75	7.4	35.94	8.5	—	—
Managers, marketing, advertising, and public relations	43.28	6.9	43.46	7.0	—	—
Administrators, education and related fields	29.81	6.3	26.72	12.5	30.59	6.8
Managers, medicine and health	37.62	7.8	37.48	8.3	—	—
Managers, service organizations, n.e.c.	24.28	14.0	—	—	21.40	20.4
Managers and administrators, n.e.c.	34.48	4.9	34.62	5.0	29.85	11.6
Management related	21.33	3.1	21.59	3.5	19.62	6.6
Accountants and auditors	20.62	4.9	20.67	5.0	—	—
Other financial officers	19.56	7.0	20.03	7.2	—	—

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 1999 — 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						
Management analysts	\$27.31	9.2	\$28.63	8.6	–	–
Personnel, training, and labor relations specialists	22.28	7.4	22.30	7.7	–	–
Purchasing agents and buyers, n.e.c.	21.92	8.6	22.28	8.9	–	–
Inspectors and compliance officers, except construction	18.00	5.3	–	–	–	–
Management related, n.e.c.	22.27	5.6	22.50	6.6	\$21.06	5.8
Sales	13.82	5.2	13.82	5.2	–	–
Supervisors, sales	16.53	7.3	16.53	7.3	–	–
Securities and financial services sales	15.24	8.1	15.24	8.1	–	–
Advertising and related sales	29.26	14.0	29.26	14.0	–	–
Sales, other business services	16.38	10.9	16.38	10.9	–	–
Sales representatives, mining, manufacturing, and wholesale	23.11	16.2	23.11	16.2	–	–
Sales workers, motor vehicles and boats	17.10	17.8	17.10	17.8	–	–
Sales workers, apparel	9.52	14.3	9.52	14.3	–	–
Sales workers, other commodities	8.92	11.5	8.92	11.5	–	–
Cashiers	7.24	3.7	7.16	3.7	–	–
Sales support, n.e.c.	10.85	8.3	10.85	8.3	–	–
Administrative support, including clerical	12.62	1.5	12.85	1.7	11.41	2.1
Supervisors, general office	17.79	6.3	17.93	6.8	–	–
Computer operators	14.27	4.8	14.51	5.5	–	–
Secretaries	13.99	2.6	14.41	3.1	12.71	3.3
Interviewers	10.91	4.3	–	–	–	–
Transportation ticket and reservation agents	12.45	7.9	12.45	7.9	–	–
Receptionists	10.45	4.7	10.53	4.8	–	–
Information clerks, n.e.c.	12.80	4.8	13.12	4.9	–	–
Order clerks	12.53	4.9	12.53	4.9	–	–
Personnel clerks, except payroll and timekeeping	14.10	8.2	13.74	8.4	–	–
Library clerks	9.85	5.5	–	–	9.85	5.5
Records clerks, n.e.c.	11.22	4.6	10.81	6.3	11.71	5.6
Bookkeepers, accounting and auditing clerks	13.03	3.6	13.31	4.2	11.79	4.4
Billing clerks	12.23	12.6	12.48	13.2	–	–
Telephone operators	9.90	10.3	9.96	10.5	–	–
Mail clerks, except postal service	9.38	18.6	9.38	18.6	–	–
Dispatchers	14.61	19.5	–	–	12.60	6.8
Traffic, shipping and receiving clerks	11.44	9.7	11.48	9.8	–	–
Stock and inventory clerks	11.38	4.4	11.38	5.2	–	–
Material recording, scheduling, and distribution clerks, n.e.c.	10.79	8.5	10.79	8.5	–	–
Insurance adjusters, examiners, and investigators	16.40	20.0	16.25	22.2	–	–
Investigators and adjusters, except insurance	12.35	5.5	12.61	5.7	–	–
Bill and account collectors	12.25	6.4	–	–	–	–
General office clerks	11.51	3.3	11.84	3.7	9.96	3.9
Bank tellers	9.50	6.1	9.50	6.1	–	–
Data entry keyers	9.39	8.3	9.32	10.6	–	–
Teachers' aides	9.01	3.2	–	–	9.11	3.0
Administrative support, n.e.c.	12.13	4.4	12.17	4.5	–	–
Blue collar	12.61	3.2	12.56	3.4	13.43	3.7
Precision production, craft, and repair	16.00	3.3	16.13	3.6	15.02	3.8
Supervisors, mechanics and repairers	23.15	11.1	24.80	13.8	–	–
Automobile mechanics	17.56	7.8	17.56	7.8	–	–
Bus, truck, and stationary engine mechanics	14.45	7.4	14.98	7.5	–	–
Industrial machinery repairers	14.78	5.0	14.90	5.2	–	–
Mechanics and repairers, n.e.c.	16.42	12.3	17.65	13.0	13.27	8.3
Carpenters	12.10	14.1	11.64	16.9	–	–

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 1999 — 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						
Construction trades, n.e.c.	\$13.16	6.9	—	—	\$12.83	7.1
Supervisors, production	19.05	7.1	\$19.11	7.2	—	—
Precision assemblers, metal	16.64	5.3	16.64	5.3	—	—
Sheet metal workers	15.56	8.4	15.56	8.4	—	—
Electrical and electronic equipment assemblers ..	10.98	7.1	10.98	7.1	—	—
Butchers and meat cutters	13.51	2.2	13.51	2.2	—	—
Inspectors, testers, and graders	16.09	6.5	15.67	7.6	—	—
Machine operators, assemblers, and inspectors						
Fabricating machine operators, n.e.c.	10.84	3.9	10.84	3.9	—	—
Printing press operators	10.80	9.0	10.80	9.0	—	—
Packaging and filling machine operators	12.03	7.7	12.03	7.7	—	—
Extruding and forming machine operators	11.26	3.9	11.26	3.9	—	—
Slicing and cutting machine operators	10.75	19.8	10.75	19.8	—	—
Miscellaneous machine operators, n.e.c.	10.40	15.7	10.40	15.7	—	—
Welders and cutters	10.52	9.7	10.52	9.7	—	—
Assemblers	12.29	7.4	12.29	7.4	—	—
Production inspectors, checkers and examiners ..	11.76	5.9	11.76	5.9	—	—
Production inspectors, checkers and examiners ..	10.39	6.8	10.39	6.8	—	—
Transportation and material moving						
Truck drivers	14.43	7.2	14.69	7.6	12.04	2.7
Bus drivers	14.83	3.9	15.18	3.9	11.05	3.7
Industrial truck and tractor equipment operators ..	11.36	6.8	—	—	12.65	3.7
Industrial truck and tractor equipment operators ..	12.15	6.9	12.23	7.7	—	—
Handlers, equipment cleaners, helpers, and laborers						
Groundskeepers and gardeners, except farm	9.65	3.7	9.62	3.8	10.60	8.7
Construction laborers	8.49	8.3	8.34	8.7	—	—
Production helpers	7.98	4.6	—	—	—	—
Stock handlers and baggers	8.42	9.7	8.42	9.7	—	—
Freight, stock, and material handlers, n.e.c.	8.85	5.6	8.85	5.6	—	—
Vehicle washers and equipment cleaners	12.57	9.6	12.74	9.6	—	—
Hand packers and packagers	10.36	10.2	10.36	10.2	—	—
Laborers, except construction, n.e.c.	9.93	6.9	9.93	6.9	—	—
Laborers, except construction, n.e.c.	8.71	4.5	8.55	4.2	—	—
Service						
Protective service	9.66	4.1	8.34	5.3	13.76	3.3
Supervisors, firefighters and fire prevention	13.30	7.4	8.52	7.1	17.32	2.9
Supervisors, police and detectives	18.89	5.0	—	—	18.89	5.0
Firefighting	24.95	3.7	—	—	24.95	3.7
Police and detectives, public service	14.88	3.3	—	—	14.88	3.3
Sheriffs, bailiffs, and other law enforcement officers	20.32	2.7	—	—	20.32	2.7
Correctional institution officers	16.64	3.7	—	—	16.64	3.7
Guards and police, except public service	12.36	1.7	—	—	12.36	1.7
Food service	8.15	5.5	8.11	5.5	—	—
Waiters, waitresses, and bartenders	7.20	6.2	6.92	7.0	9.12	9.6
Waiters and waitresses	4.91	19.5	4.91	19.5	—	—
Waiters'/Waitresses' assistants	3.26	14.0	3.26	14.0	—	—
Other food service	7.85	20.0	7.85	20.0	—	—
Supervisors, food preparation and service	8.08	5.8	7.85	6.8	9.12	9.6
Cooks	13.24	5.9	12.83	6.6	—	—
Food counter, fountain, and related	7.78	6.3	7.63	7.4	8.51	5.1
Kitchen workers, food preparation	5.58	9.7	5.37	10.7	—	—
Food preparation, n.e.c.	8.11	6.0	7.95	7.9	8.62	6.8
Health service	6.42	2.8	6.09	2.5	7.73	4.9
Health aides, except nursing	8.53	4.8	8.40	5.3	9.98	6.5
Nursing aides, orderlies and attendants	8.85	3.7	8.56	3.1	9.67	9.4
Cleaning and building service	8.43	5.8	8.38	6.0	—	—
Supervisors, cleaning and building service workers	7.95	5.9	7.22	5.4	10.52	7.2
Maids and housemen	13.68	8.9	—	—	—	—
Maids and housemen	6.61	3.2	6.61	3.2	—	—

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 1999 — 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						
Cleaning and building service—Continued						
Janitors and cleaners	\$7.61	6.1	\$7.06	6.6	\$9.45	3.9
Personal service	13.16	18.4	13.70	21.7	10.54	3.7
Early childhood teachers' assistants	8.65	6.2	7.00	4.8	10.36	2.8
Service, n.e.c.	7.08	9.6	6.56	8.4	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$17.71	2.4	\$17.46	2.9	\$18.94	1.9
All excluding sales	17.84	2.5	17.60	3.0	18.95	1.9
White collar	21.77	2.5	21.87	3.0	21.36	2.1
White collar excluding sales	22.51	2.5	22.83	3.0	21.38	2.1
Professional specialty and technical	25.81	2.9	26.50	3.8	24.12	1.9
Professional specialty	26.44	2.1	27.10	2.8	25.10	1.7
Engineers, architects, and surveyors	29.63	2.9	29.70	3.0	—	—
Electrical and electronic engineers	28.60	3.8	28.60	3.8	—	—
Industrial engineers	24.23	5.9	24.23	5.9	—	—
Mechanical engineers	25.84	5.3	25.84	5.3	—	—
Engineers, n.e.c.	33.01	4.1	33.13	4.1	—	—
Mathematical and computer scientists	29.45	5.0	29.53	5.0	—	—
Computer systems analysts and scientists	29.67	5.3	29.76	5.3	—	—
Natural scientists	45.89	8.2	47.47	7.8	—	—
Geologists and geodesists	47.47	7.8	47.47	7.8	—	—
Health related	20.38	3.6	20.11	4.1	21.78	7.6
Registered nurses	20.04	2.8	19.76	2.7	22.09	10.1
Teachers, college and university	32.97	7.5	22.48	3.1	34.48	8.1
Other post-secondary teachers	29.64	7.9	—	—	30.92	8.7
Teachers, except college and university	23.70	2.0	17.47	12.5	24.41	1.2
Prekindergarten and kindergarten	17.49	21.2	—	—	23.78	3.5
Elementary school teachers	23.47	1.3	18.46	6.2	23.83	.8
Secondary school teachers	24.63	1.6	26.97	7.9	24.43	1.5
Teachers, special education	23.72	2.5	—	—	23.72	2.5
Teachers, n.e.c.	24.61	3.3	17.15	8.8	—	—
Vocational and educational counselors	27.50	12.1	—	—	30.03	11.0
Librarians, archivists, and curators	20.79	8.0	—	—	20.86	8.8
Librarians	20.79	8.0	—	—	20.86	8.8
Social scientists and urban planners	25.03	6.8	—	—	27.52	4.3
Psychologists	28.08	3.9	—	—	28.08	3.9
Social, recreation, and religious workers	14.20	7.6	13.02	12.3	15.36	7.1
Social workers	15.32	9.6	—	—	15.43	7.3
Lawyers and judges	41.51	6.6	—	—	37.76	10.5
Lawyers	40.49	8.0	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.35	8.0	28.16	8.3	—	—
Designers	20.50	18.6	20.50	18.6	—	—
Editors and reporters	20.43	4.6	20.43	4.6	—	—
Technical	23.52	12.1	24.80	13.2	15.16	5.7
Clinical laboratory technologists and technicians	16.57	3.6	17.16	3.6	—	—
Radiological technicians	17.06	18.7	—	—	—	—
Licensed practical nurses	14.47	3.4	14.64	3.5	—	—
Health technologists and technicians, n.e.c.	11.96	7.8	11.78	8.4	—	—
Electrical and electronic technicians	19.14	4.1	19.10	4.2	—	—
Engineering technicians, n.e.c.	16.15	11.9	—	—	—	—
Drafters	18.60	4.9	18.60	4.9	—	—
Airplane pilots and navigators	103.51	23.5	103.51	23.5	—	—
Computer programmers	20.25	8.6	20.21	8.7	—	—
Technical and related, n.e.c.	15.76	11.2	16.05	16.3	—	—
Executive, administrative, and managerial	29.63	3.2	30.26	3.5	25.98	4.9
Executives, administrators, and managers	34.81	3.2	35.87	3.5	29.20	4.7
Administrators and officials, public administration	27.09	7.2	—	—	27.09	7.2
Financial managers	35.75	7.4	35.94	8.5	—	—
Managers, marketing, advertising, and public relations	43.28	6.9	43.46	7.0	—	—
Administrators, education and related fields	29.81	6.3	26.69	12.6	30.59	6.8
Managers, medicine and health	37.62	7.8	37.48	8.3	—	—
Managers, service organizations, n.e.c.	24.28	14.0	—	—	21.40	20.4
Managers and administrators, n.e.c.	34.48	4.9	34.62	5.0	29.85	11.6
Management related	21.39	3.2	21.65	3.5	19.62	6.6
Accountants and auditors	20.59	4.9	20.65	5.0	—	—
Other financial officers	19.56	7.0	20.03	7.2	—	—
Management analysts	27.31	9.2	28.63	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 1999 — 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						
Personnel, training, and labor relations specialists	\$22.28	7.4	\$22.30	7.7	–	–
Purchasing agents and buyers, n.e.c.	21.92	8.6	22.28	8.9	–	–
Inspectors and compliance officers, except construction	18.00	5.3	–	–	–	–
Management related, n.e.c.	22.47	5.6	22.74	6.6	\$21.06	5.8
Sales						
Supervisors, sales	15.65	4.9	15.66	5.0	–	–
Securities and financial services sales	16.53	7.3	16.53	7.3	–	–
Advertising and related sales	15.24	8.1	15.24	8.1	–	–
Sales, other business services	29.26	14.0	29.26	14.0	–	–
Sales representatives, mining, manufacturing, and wholesale	18.10	9.5	18.10	9.5	–	–
Sales workers, motor vehicles and boats	23.11	16.2	23.11	16.2	–	–
Sales workers, other commodities	17.10	17.8	17.10	17.8	–	–
Cashiers	10.69	16.7	10.69	16.7	–	–
Sales support, n.e.c.	8.48	7.0	8.32	7.4	–	–
	11.21	9.3	11.21	9.3	–	–
Administrative support, including clerical						
Supervisors, general office	12.81	1.5	13.07	1.8	11.51	2.1
Computer operators	17.79	6.3	17.93	6.8	–	–
Secretaries	14.27	4.8	14.51	5.5	–	–
Interviewers	14.09	2.6	14.49	3.1	12.83	3.2
Transportation ticket and reservation agents	10.91	4.3	–	–	–	–
Receptionists	12.56	8.3	12.56	8.3	–	–
Information clerks, n.e.c.	10.85	4.7	10.96	4.7	–	–
Order clerks	13.16	4.1	–	–	–	–
Personnel clerks, except payroll and timekeeping	12.70	4.5	12.70	4.5	–	–
Records clerks, n.e.c.	14.16	8.4	13.80	8.6	–	–
Bookkeepers, accounting and auditing clerks	11.23	4.8	10.76	6.6	11.75	5.6
Billing clerks	13.10	3.6	13.40	4.2	11.79	4.4
Telephone operators	12.23	12.6	12.48	13.2	–	–
Dispatchers	9.89	10.4	–	–	–	–
Traffic, shipping and receiving clerks	14.61	19.5	–	–	12.60	6.8
Stock and inventory clerks	11.51	9.9	11.55	10.0	–	–
Insurance adjusters, examiners, and investigators	11.42	4.4	11.43	5.2	–	–
Investigators and adjusters, except insurance	16.40	20.0	16.25	22.2	–	–
Bill and account collectors	12.34	5.5	12.60	5.8	–	–
General office clerks	12.25	6.4	–	–	–	–
Data entry keyers	11.90	3.1	12.25	3.4	10.14	4.2
Teachers' aides	9.45	9.0	9.39	11.8	–	–
Administrative support, n.e.c.	9.06	3.2	–	–	9.15	3.0
	12.15	4.7	12.20	4.9	–	–
Blue collar						
	12.84	3.3	12.80	3.5	13.50	3.7
Precision production, craft, and repair						
Supervisors, mechanics and repairers	16.02	3.3	16.14	3.6	15.02	3.8
Automobile mechanics	23.15	11.1	24.80	13.8	–	–
Bus, truck, and stationary engine mechanics	17.56	7.8	17.56	7.8	–	–
Industrial machinery repairers	14.45	7.4	14.98	7.5	–	–
Mechanics and repairers, n.e.c.	14.78	5.0	14.90	5.2	–	–
Carpenters	16.42	12.3	17.65	13.0	13.27	8.3
Construction trades, n.e.c.	12.10	14.1	11.64	16.9	–	–
Supervisors, production	13.16	6.9	–	–	12.83	7.1
Precision assemblers, metal	19.05	7.1	19.11	7.2	–	–
Sheet metal workers	16.64	5.3	16.64	5.3	–	–
Electrical and electronic equipment assemblers ..	15.56	8.4	15.56	8.4	–	–
Butchers and meat cutters	10.98	7.1	10.98	7.1	–	–
Inspectors, testers, and graders	13.51	2.2	13.51	2.2	–	–
	16.09	6.5	15.67	7.6	–	–

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 1999 — 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						
Machine operators, assemblers, and inspectors	\$10.86	3.9	\$10.86	3.9	—	—
Fabricating machine operators, n.e.c.	10.80	9.0	10.80	9.0	—	—
Printing press operators	12.03	7.7	12.03	7.7	—	—
Packaging and filling machine operators	11.26	3.9	11.26	3.9	—	—
Extruding and forming machine operators	10.75	19.8	10.75	19.8	—	—
Slicing and cutting machine operators	10.40	15.7	10.40	15.7	—	—
Miscellaneous machine operators, n.e.c.	10.54	9.7	10.54	9.7	—	—
Welders and cutters	12.29	7.4	12.29	7.4	—	—
Assemblers	11.83	6.0	11.83	6.0	—	—
Production inspectors, checkers and examiners ..	10.39	6.8	10.39	6.8	—	—
Transportation and material moving	14.95	6.9	15.29	7.2	\$12.15	3.0
Truck drivers	14.89	4.1	15.30	4.2	11.05	3.7
Bus drivers	12.52	7.2	—	—	—	—
Industrial truck and tractor equipment operators ..	12.15	6.9	12.23	7.7	—	—
Handlers, equipment cleaners, helpers, and laborers	9.92	4.1	9.89	4.2	10.66	8.8
Groundskeepers and gardeners, except farm	8.53	8.4	8.38	8.9	—	—
Production helpers	8.42	9.7	8.42	9.7	—	—
Stock handlers and baggers	9.83	5.4	9.83	5.4	—	—
Freight, stock, and material handlers, n.e.c.	12.91	10.6	13.12	10.7	—	—
Vehicle washers and equipment cleaners	10.36	10.2	10.36	10.2	—	—
Hand packers and packagers	10.08	7.1	10.08	7.1	—	—
Laborers, except construction, n.e.c.	8.73	4.9	8.54	4.5	—	—
Service	10.42	4.5	8.97	6.0	14.15	3.4
Protective service	13.43	7.6	8.52	7.3	17.39	2.9
Supervisors, firefighters and fire prevention	18.89	5.0	—	—	18.89	5.0
Supervisors, police and detectives	24.95	3.7	—	—	24.95	3.7
Firefighting	14.88	3.3	—	—	14.88	3.3
Police and detectives, public service	20.32	2.7	—	—	20.32	2.7
Sheriffs, bailiffs, and other law enforcement officers	16.64	3.7	—	—	16.64	3.7
Correctional institution officers	12.36	1.7	—	—	12.36	1.7
Guards and police, except public service	8.11	5.7	8.08	5.7	—	—
Food service	7.88	7.1	7.61	8.0	9.77	11.3
Waiters, waitresses, and bartenders	5.83	24.1	5.83	24.1	—	—
Waiters and waitresses	3.38	20.9	3.38	20.9	—	—
Waiters'/Waitresses' assistants	8.56	18.8	8.56	18.8	—	—
Other food service	8.47	6.4	8.21	7.3	9.77	11.3
Supervisors, food preparation and service	13.44	5.5	13.05	6.1	—	—
Cooks	7.84	6.7	7.69	8.1	8.51	5.1
Food counter, fountain, and related	6.28	2.9	—	—	—	—
Kitchen workers, food preparation	8.56	6.2	8.37	7.9	—	—
Food preparation, n.e.c.	6.44	3.2	6.13	2.7	8.22	7.1
Health service	8.58	5.0	8.45	5.5	10.27	6.8
Health aides, except nursing	8.85	3.7	8.56	3.1	9.67	9.4
Nursing aides, orderlies and attendants	8.47	6.2	8.43	6.3	—	—

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 1999 — 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						
Cleaning and building service	\$8.46	5.8	\$7.68	5.7	\$10.58	7.2
Supervisors, cleaning and building service workers	13.68	8.9	—	—	—	—
Maids and housemen	6.61	3.2	6.61	3.2	—	—
Janitors and cleaners	8.18	6.2	7.63	7.6	9.51	3.9
Personal service	17.32	19.9	20.13	24.3	10.59	3.7
Early childhood teachers' assistants	9.52	6.8	—	—	10.36	2.8

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$9.00	7.7	\$8.88	8.3	\$10.76	5.2
All excluding sales	9.45	9.3	9.33	10.2	10.76	5.2
White collar	11.38	11.8	11.18	12.9	13.89	7.9
White collar excluding sales	15.65	14.9	15.96	17.0	13.89	7.9
Professional specialty and technical	23.20	15.7	24.21	17.4	18.26	7.2
Professional specialty	25.06	16.9	26.37	18.5	19.16	6.7
Mathematical and computer scientists	—	—	—	—	—	—
Health related	28.89	20.1	29.08	20.3	—	—
Registered nurses	19.98	2.3	19.91	2.4	—	—
Teachers, college and university	23.45	7.6	—	—	22.74	7.0
Other post-secondary teachers	23.45	7.6	—	—	22.74	7.0
Teachers, except college and university	11.98	10.4	13.34	13.0	10.72	16.1
Teachers, n.e.c.	12.60	13.6	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	16.31	4.1	16.74	3.6	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	7.39	4.8	7.39	4.8	—	—
Sales workers, other commodities	7.27	5.7	7.27	5.7	—	—
Cashiers	6.61	3.1	6.61	3.1	—	—
Administrative support, including clerical	8.90	3.5	8.88	4.0	8.99	3.5
General office clerks	7.90	6.9	7.50	8.7	—	—
Blue collar	8.94	10.5	8.92	10.8	10.11	10.8
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.55	18.6	10.55	19.7	10.52	9.6
Bus drivers	—	—	—	—	10.52	9.6
Handlers, equipment cleaners, helpers, and laborers	7.98	4.8	7.98	4.8	—	—
Stock handlers and baggers	6.52	4.6	6.52	4.6	—	—
Laborers, except construction, n.e.c.	8.60	13.6	8.65	13.8	—	—
Service	6.17	8.3	6.05	9.1	7.47	3.5
Protective service	8.54	12.5	8.52	14.4	8.62	19.6
Guards and police, except public service	8.78	13.6	8.52	14.4	—	—
Food service	4.97	6.6	4.58	7.7	7.26	3.2
Waiters, waitresses, and bartenders	3.43	14.0	3.43	14.0	—	—
Waiters and waitresses	3.12	17.4	3.12	17.4	—	—
Other food service	6.24	5.5	5.88	6.6	7.26	3.2
Kitchen workers, food preparation	7.07	3.2	—	—	—	—
Food preparation, n.e.c.	6.38	3.6	5.90	3.8	7.04	2.7
Health service	7.80	6.2	7.56	7.9	—	—
Nursing aides, orderlies and attendants	7.80	6.2	7.56	7.9	—	—

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 1999 — 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						
Cleaning and building service	\$5.75	5.7	\$5.74	5.8	—	—
Janitors and cleaners	5.75	5.7	5.74	5.8	—	—
Personal service	7.61	22.8	7.61	23.0	—	—

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$705	2.4	39.8	\$695	2.9	39.8	\$752	1.9	39.7
All excluding sales	709	2.5	39.8	700	3.0	39.8	752	1.9	39.7
White collar	865	2.4	39.7	870	2.9	39.8	843	2.1	39.5
White collar excluding sales	893	2.4	39.7	907	2.9	39.7	844	2.1	39.5
Professional specialty and technical	1,013	2.5	39.2	1,039	3.4	39.2	946	1.8	39.2
Professional specialty	1,048	2.1	39.6	1,080	2.9	39.9	984	1.7	39.2
Engineers, architects, and surveyors	1,192	2.9	40.2	1,195	3.0	40.2	-	-	-
Electrical and electronic engineers	1,131	4.2	39.5	1,131	4.2	39.5	-	-	-
Industrial engineers	998	4.4	41.2	998	4.4	41.2	-	-	-
Mechanical engineers	1,033	5.3	40.0	1,033	5.3	40.0	-	-	-
Engineers, n.e.c.	1,339	3.8	40.6	1,345	3.8	40.6	-	-	-
Mathematical and computer scientists	1,180	5.0	40.1	1,183	5.0	40.1	-	-	-
Computer systems analysts and scientists	1,189	5.3	40.1	1,193	5.4	40.1	-	-	-
Natural scientists	1,847	8.0	40.2	1,899	7.8	40.0	-	-	-
Geologists and geodesists	1,899	7.8	40.0	1,899	7.8	40.0	-	-	-
Health related	784	3.7	38.5	770	4.3	38.3	861	7.6	39.5
Registered nurses	767	2.7	38.3	753	2.6	38.1	879	10.2	39.8
Teachers, college and university	1,280	7.3	38.8	899	3.1	40.0	1,333	7.8	38.6
Other post-secondary teachers	1,148	6.7	38.7	-	-	-	1,191	7.3	38.5
Teachers, except college and university	929	1.9	39.2	693	12.3	39.7	955	1.2	39.1
Prekindergarten and kindergarten	681	20.1	38.9	-	-	-	902	4.2	37.9
Elementary school teachers	922	1.4	39.3	729	5.6	39.5	935	1.0	39.3
Secondary school teachers	963	1.4	39.1	1,048	7.4	38.9	956	1.3	39.1
Teachers, special education	936	2.6	39.5	-	-	-	936	2.6	39.5
Teachers, n.e.c.	985	3.3	40.0	686	8.3	40.0	-	-	-
Vocational and educational counselors	1,056	10.8	38.4	-	-	-	1,143	9.9	38.1
Librarians, archivists, and curators	822	7.9	39.5	-	-	-	824	8.7	39.5
Librarians	822	7.9	39.5	-	-	-	824	8.7	39.5
Social scientists and urban planners	981	6.2	39.2	-	-	-	1,061	3.9	38.5
Psychologists	1,079	3.7	38.4	-	-	-	1,079	3.7	38.4
Social, recreation, and religious workers	580	7.6	40.9	547	13.0	42.0	611	7.2	39.8
Social workers	606	9.3	39.6	-	-	-	614	7.4	39.8
Lawyers and judges	1,839	11.7	44.3	-	-	-	1,510	10.5	40.0
Lawyers	1,812	13.6	44.8	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	1,142	8.0	40.3	1,135	8.3	40.3	-	-	-
Designers	856	22.3	41.8	856	22.3	41.8	-	-	-
Editors and reporters	831	3.1	40.7	831	3.1	40.7	-	-	-
Technical	888	9.9	37.8	930	10.7	37.5	600	5.7	39.6
Clinical laboratory technologists and technicians	663	3.6	40.0	686	3.6	40.0	-	-	-
Radiological technicians	674	18.8	39.5	-	-	-	-	-	-
Licensed practical nurses	564	2.9	39.0	570	3.0	38.9	-	-	-
Health technologists and technicians, n.e.c.	468	8.0	39.1	457	8.5	38.8	-	-	-
Electrical and electronic technicians	763	4.1	39.9	762	4.2	39.9	-	-	-
Engineering technicians, n.e.c.	646	11.9	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 1999 — 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									
Drafters	\$744	4.9	40.0	\$744	4.9	40.0	—	—	—
Airplane pilots and navigators	2,432	9.5	23.5	2,432	9.5	23.5	—	—	—
Computer programmers	821	9.7	40.6	822	9.9	40.7	—	—	—
Technical and related, n.e.c.	623	10.9	39.5	646	16.2	40.3	—	—	—
Executive, administrative, and managerial	1,196	3.2	40.4	1,221	3.6	40.4	\$1,051	4.9	40.4
Executives, administrators, and managers	1,407	3.3	40.4	1,448	3.7	40.4	1,189	4.4	40.7
Administrators and officials, public administration	1,180	7.1	43.6	—	—	—	1,180	7.1	43.6
Financial managers	1,417	7.1	39.6	1,422	8.2	39.6	—	—	—
Managers, marketing, advertising, and public relations	1,778	8.0	41.1	1,786	8.1	41.1	—	—	—
Administrators, education and related fields	1,186	6.7	39.8	1,071	15.7	40.1	1,214	7.2	39.7
Managers, medicine and health	1,483	7.2	39.4	1,477	7.6	39.4	—	—	—
Managers, service organizations, n.e.c.	960	14.4	39.5	—	—	—	856	20.4	40.0
Managers and administrators, n.e.c.	1,398	5.2	40.6	1,405	5.3	40.6	1,178	11.7	39.4
Management related	862	3.2	40.3	874	3.5	40.4	783	6.6	39.9
Accountants and auditors	850	6.1	41.3	853	6.2	41.3	—	—	—
Other financial officers	783	7.0	40.0	801	7.2	40.0	—	—	—
Management analysts	1,092	9.2	40.0	1,145	8.6	40.0	—	—	—
Personnel, training, and labor relations specialists	891	7.4	40.0	892	7.7	40.0	—	—	—
Purchasing agents and buyers, n.e.c.	877	8.6	40.0	891	8.9	40.0	—	—	—
Inspectors and compliance officers, except construction	720	5.3	40.0	—	—	—	—	—	—
Management related, n.e.c.	898	5.6	40.0	910	6.6	40.0	837	6.2	39.7
Sales	631	5.2	40.3	631	5.2	40.3	—	—	—
Supervisors, sales	680	7.6	41.1	680	7.6	41.1	—	—	—
Securities and financial services sales	610	8.1	40.0	610	8.1	40.0	—	—	—
Advertising and related sales	1,135	14.9	38.8	1,135	14.9	38.8	—	—	—
Sales, other business services	729	10.3	40.3	729	10.3	40.3	—	—	—
Sales representatives, mining, manufacturing, and wholesale	1,009	14.0	43.7	1,009	14.0	43.7	—	—	—
Sales workers, motor vehicles and boats	741	20.2	43.3	741	20.2	43.3	—	—	—
Sales workers, other commodities	420	17.4	39.3	420	17.4	39.3	—	—	—
Cashiers	325	7.4	38.3	318	7.8	38.3	—	—	—
Sales support, n.e.c.	450	9.2	40.1	450	9.2	40.1	—	—	—
Administrative support, including clerical	511	1.5	39.8	521	1.8	39.9	456	2.1	39.6
Supervisors, general office	721	6.4	40.6	728	6.9	40.6	—	—	—
Computer operators	570	4.8	40.0	580	5.5	40.0	—	—	—
Secretaries	558	2.6	39.6	575	3.2	39.7	507	3.1	39.5
Interviewers	437	4.3	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 1999 — 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 —Continued									
Transportation ticket and reservation agents	\$503	8.3	40.0	\$503	8.3	40.0	—	—	—
Receptionists	432	4.7	39.8	437	4.8	39.8	—	—	—
Information clerks, n.e.c.	518	4.1	39.3	—	—	—	—	—	—
Order clerks	508	4.5	40.0	508	4.5	40.0	—	—	—
Personnel clerks, except payroll and timekeeping ...	564	8.5	39.8	552	8.6	40.0	—	—	—
Records clerks, n.e.c.	446	4.7	39.8	431	6.6	40.0	\$464	5.7	39.5
Bookkeepers, accounting and auditing clerks	522	3.6	39.9	535	4.2	39.9	468	4.0	39.7
Billing clerks	489	12.6	40.0	499	13.2	40.0	—	—	—
Telephone operators	396	10.4	40.0	—	—	—	—	—	—
Dispatchers	587	20.3	40.2	—	—	—	500	6.5	39.6
Traffic, shipping and receiving clerks	459	9.9	39.9	462	10.0	40.0	—	—	—
Stock and inventory clerks	457	4.4	40.0	457	5.2	40.0	—	—	—
Insurance adjusters, examiners, and investigators	649	19.3	39.6	643	21.3	39.6	—	—	—
Investigators and adjusters, except insurance	479	5.6	38.8	486	6.2	38.5	—	—	—
Bill and account collectors	490	6.4	40.0	—	—	—	—	—	—
General office clerks	476	3.1	40.0	490	3.4	40.0	406	4.2	40.0
Data entry keyers	373	8.9	39.5	376	11.8	40.0	—	—	—
Teachers' aides	357	3.6	39.4	—	—	—	361	3.4	39.4
Administrative support, n.e.c.	485	4.7	39.9	487	4.8	39.9	—	—	—
Blue collar	520	3.4	40.5	519	3.6	40.5	535	3.8	39.6
Precision production, craft, and repair	643	3.3	40.2	649	3.6	40.2	599	3.8	39.9
Supervisors, mechanics and repairers	937	11.1	40.5	1,017	13.5	41.0	—	—	—
Automobile mechanics	718	9.2	40.9	718	9.2	40.9	—	—	—
Bus, truck, and stationary engine mechanics	595	8.6	41.2	624	9.1	41.7	—	—	—
Industrial machinery repairers	591	5.0	40.0	596	5.2	40.0	—	—	—
Mechanics and repairers, n.e.c.	656	12.4	40.0	705	13.1	39.9	531	8.3	40.0
Carpenters	497	12.5	41.1	482	15.3	41.4	—	—	—
Construction trades, n.e.c.	526	6.9	40.0	—	—	—	513	7.1	40.0
Supervisors, production	776	7.8	40.7	779	7.9	40.8	—	—	—
Precision assemblers, metal ...	666	5.3	40.0	666	5.3	40.0	—	—	—
Sheet metal workers	622	8.4	40.0	622	8.4	40.0	—	—	—
Electrical and electronic equipment assemblers	439	7.1	40.0	439	7.1	40.0	—	—	—
Butchers and meat cutters	540	2.2	40.0	540	2.2	40.0	—	—	—
Inspectors, testers, and graders	644	6.5	40.0	627	7.6	40.0	—	—	—
Machine operators, assemblers, and inspectors	432	4.0	39.8	432	4.0	39.8	—	—	—
Fabricating machine operators, n.e.c.	432	9.0	40.0	432	9.0	40.0	—	—	—
Printing press operators	477	7.7	39.7	477	7.7	39.7	—	—	—
Packaging and filling machine operators	450	3.9	40.0	450	3.9	40.0	—	—	—
Extruding and forming machine operators	430	19.8	40.0	430	19.8	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 1999 — 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									
Machine operators, assemblers, and inspectors —Continued									
Slicing and cutting machine operators	\$416	15.7	40.0	\$416	15.7	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	419	9.7	39.8	419	9.7	39.8	—	—	—
Welders and cutters	492	7.4	40.0	492	7.4	40.0	—	—	—
Assemblers	469	6.4	39.6	469	6.4	39.6	—	—	—
Production inspectors, checkers and examiners ...	416	6.8	40.0	416	6.8	40.0	—	—	—
Transportation and material moving	645	6.6	43.1	668	6.6	43.7	\$472	3.2	38.9
Truck drivers	713	7.2	47.9	748	7.2	48.9	442	3.7	40.0
Bus drivers	477	6.5	38.1	—	—	—	—	—	—
Industrial truck and tractor equipment operators	509	10.5	41.9	516	11.7	42.2	—	—	—
Handlers, equipment cleaners, helpers, and laborers	396	4.1	39.9	394	4.3	39.9	427	8.8	40.0
Groundskeepers and gardeners, except farm	334	8.3	39.2	328	8.7	39.1	—	—	—
Production helpers	337	9.7	40.0	337	9.7	40.0	—	—	—
Stock handlers and baggers ...	393	5.4	40.0	393	5.4	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	516	10.6	40.0	525	10.7	40.0	—	—	—
Vehicle washers and equipment cleaners	414	10.1	40.0	414	10.1	40.0	—	—	—
Hand packers and packagers	403	7.1	40.0	403	7.1	40.0	—	—	—
Laborers, except construction, n.e.c.	347	5.0	39.8	339	4.6	39.7	—	—	—
Service	403	4.0	38.6	341	5.0	38.0	570	3.8	40.3
Protective service	555	8.1	41.3	339	7.1	39.8	741	2.7	42.6
Supervisors, firefighters and fire prevention	957	4.8	50.7	—	—	—	957	4.8	50.7
Supervisors, police and detectives	998	3.7	40.0	—	—	—	998	3.7	40.0
Firefighting	764	3.7	51.3	—	—	—	764	3.7	51.3
Police and detectives, public service	815	2.7	40.1	—	—	—	815	2.7	40.1
Sheriffs, bailiffs, and other law enforcement officers	688	5.2	41.4	—	—	—	688	5.2	41.4
Correctional institution officers	494	1.7	40.0	—	—	—	494	1.7	40.0
Guards and police, except public service	323	5.5	39.8	322	5.5	39.8	—	—	—
Food service	308	7.6	39.1	303	8.7	39.9	337	10.2	34.4
Waiters, waitresses, and bartenders	229	24.2	39.3	229	24.2	39.3	—	—	—
Waiters and waitresses	131	19.1	38.9	131	19.1	38.9	—	—	—
Waiters/Waitresses' assistants	341	19.0	39.8	341	19.0	39.8	—	—	—
Other food service	330	7.3	39.0	329	8.7	40.0	337	10.2	34.4
Supervisors, food preparation and service	574	8.0	42.7	592	8.6	45.4	—	—	—
Cooks	305	6.6	38.9	304	8.0	39.6	309	6.8	36.4
Food counter, fountain, and related	249	3.4	39.6	—	—	—	—	—	—
Kitchen workers, food preparation	329	7.5	38.4	329	8.6	39.4	—	—	—

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 1999 — 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)	
Service —Continued									
Food service—Continued									
Other food service—Continued									
Food preparation, n.e.c.	\$239	3.0	37.2	\$233	3.4	38.0	\$273	8.7	33.2
Health service	329	5.6	38.3	323	6.2	38.3	402	7.3	39.1
Health aides, except nursing ..	350	3.9	39.5	339	3.8	39.6	379	9.3	39.2
Nursing aides, orderlies and attendants	323	7.0	38.1	321	7.2	38.1	—	—	—
Cleaning and building service	335	5.9	39.7	304	5.7	39.6	422	7.2	39.9
Supervisors, cleaning and building service workers ...	557	9.9	40.7	—	—	—	—	—	—
Maids and housemen	257	2.6	38.8	257	2.6	38.8	—	—	—
Janitors and cleaners	325	6.1	39.7	302	7.4	39.7	379	3.9	39.9
Personal service	515	11.9	29.8	546	13.9	27.1	410	3.5	38.7
Early childhood teachers' assistants	366	5.7	38.5	—	—	—	392	2.6	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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$35,584	2.4	2,010	\$36,044	2.9	2,065	\$33,620	1.9	1,775
All excluding sales	35,774	2.5	2,005	36,316	3.0	2,063	33,630	1.9	1,775
White collar	43,098	2.4	1,980	45,085	2.9	2,062	36,309	2.1	1,700
White collar excluding sales	44,297	2.4	1,968	46,983	2.9	2,058	36,328	2.1	1,699
Professional specialty and technical	48,285	2.5	1,871	53,593	3.4	2,023	38,056	1.8	1,578
Professional specialty	48,853	2.1	1,848	55,532	2.9	2,050	38,677	1.7	1,541
Engineers, architects, and surveyors	62,002	2.9	2,093	62,156	3.0	2,093	-	-	-
Electrical and electronic engineers	58,793	4.2	2,056	58,793	4.2	2,056	-	-	-
Industrial engineers	51,878	4.4	2,141	51,878	4.4	2,141	-	-	-
Mechanical engineers	53,737	5.3	2,080	53,737	5.3	2,080	-	-	-
Engineers, n.e.c.	69,649	3.8	2,110	69,915	3.8	2,110	-	-	-
Mathematical and computer scientists	61,364	5.0	2,084	61,531	5.0	2,084	-	-	-
Computer systems analysts and scientists	61,834	5.3	2,084	62,019	5.4	2,084	-	-	-
Natural scientists	96,046	8.0	2,093	98,735	7.8	2,080	-	-	-
Geologists and geodesists	98,735	7.8	2,080	98,735	7.8	2,080	-	-	-
Health related	40,436	3.7	1,984	40,017	4.3	1,990	42,606	7.6	1,956
Registered nurses	39,843	2.7	1,988	39,158	2.6	1,981	45,046	10.2	2,039
Teachers, college and university other post-secondary teachers	56,556	7.3	1,715	38,335	3.1	1,705	59,194	7.8	1,717
Teachers, except college and university	49,508	6.7	1,671	-	-	-	52,072	7.3	1,684
Prekindergarten and kindergarten	34,839	1.9	1,470	29,003	12.3	1,660	35,422	1.2	1,451
Elementary school teachers	28,268	20.1	1,616	-	-	-	33,412	4.2	1,405
Secondary school teachers	33,974	1.4	1,448	27,608	5.6	1,495	34,412	1.0	1,444
Teachers, special education	35,561	1.4	1,444	40,231	7.4	1,492	35,181	1.3	1,440
Teachers, n.e.c.	33,739	2.6	1,423	-	-	-	33,739	2.6	1,423
Vocational and educational counselors	38,779	3.3	1,575	30,052	8.3	1,753	-	-	-
Librarians, archivists, and curators	45,983	10.8	1,672	-	-	-	48,751	9.9	1,623
Librarians	37,293	7.9	1,794	-	-	-	37,582	8.7	1,802
Social scientists and urban planners	37,293	7.9	1,794	-	-	-	37,582	8.7	1,802
Psychologists	44,265	6.2	1,769	-	-	-	42,943	3.9	1,560
Social, recreation, and religious workers	43,024	3.7	1,532	-	-	-	43,024	3.7	1,532
Social workers	29,915	7.6	2,107	28,270	13.0	2,170	31,458	7.2	2,048
Lawyers and judges	31,250	9.3	2,040	-	-	-	31,578	7.4	2,047
Writers, authors, entertainers, athletes, and professionals, n.e.c.	95,634	11.7	2,304	-	-	-	78,542	10.5	2,080
Designers	94,237	13.6	2,327	-	-	-	-	-	-
Editors and reporters	58,908	8.0	2,078	59,012	8.3	2,095	-	-	-
Technical	44,521	22.3	2,172	44,521	22.3	2,172	-	-	-
Clinical laboratory technologists and technicians	43,194	3.1	2,114	43,194	3.1	2,114	-	-	-
Radiological technicians	46,070	9.9	1,959	48,355	10.7	1,950	30,616	5.7	2,019
Licensed practical nurses	34,461	3.6	2,080	35,687	3.6	2,080	-	-	-
Health technologists and technicians, n.e.c.	35,057	18.8	2,055	-	-	-	-	-	-
Electrical and electronic technicians	29,221	2.9	2,020	29,640	3.0	2,025	-	-	-
Engineering technicians, n.e.c.	24,346	8.0	2,035	23,742	8.5	2,015	-	-	-
	39,701	4.1	2,075	39,617	4.2	2,074	-	-	-
	33,600	11.9	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 1999 — 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									
Drafters	\$38,687	4.9	2,080	\$38,687	4.9	2,080	—	—	—
Airplane pilots and navigators	126,476	9.5	1,222	126,476	9.5	1,222	—	—	—
Computer programmers	42,655	9.7	2,106	42,721	9.9	2,114	—	—	—
Technical and related, n.e.c.	31,717	10.9	2,012	33,598	16.2	2,093	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	61,908	3.2	2,090	63,497	3.6	2,099	\$52,991	4.9	2,039
Administrators and officials, public administration	72,647	3.3	2,087	75,277	3.7	2,098	59,264	4.4	2,030
Financial managers	60,961	7.1	2,250	—	—	—	60,961	7.1	2,250
Managers, marketing, advertising, and public relations	73,666	7.1	2,060	73,950	8.2	2,057	—	—	—
Administrators, education and related fields	92,440	8.0	2,136	92,872	8.1	2,137	—	—	—
Managers, medicine and health	56,910	6.7	1,909	55,436	15.7	2,077	57,241	7.2	1,871
Managers, service organizations, n.e.c.	77,130	7.2	2,050	76,778	7.6	2,048	—	—	—
Managers and administrators, n.e.c.	49,912	14.4	2,055	—	—	—	44,510	20.4	2,080
Management related	72,563	5.2	2,105	73,063	5.3	2,111	57,362	11.7	1,921
Accountants and auditors	44,779	3.2	2,094	45,436	3.5	2,099	40,399	6.6	2,059
Other financial officers	44,198	6.1	2,146	44,342	6.2	2,147	—	—	—
Management analysts	40,692	7.0	2,080	41,653	7.2	2,080	—	—	—
Personnel, training, and labor relations specialists	56,795	9.2	2,080	59,550	8.6	2,080	—	—	—
Purchasing agents and buyers, n.e.c.	46,119	7.4	2,070	46,393	7.7	2,080	—	—	—
Inspectors and compliance officers, except construction	45,587	8.6	2,080	46,347	8.9	2,080	—	—	—
Management related, n.e.c.	37,442	5.3	2,080	—	—	—	—	—	—
	46,621	5.6	2,075	47,295	6.6	2,080	43,204	6.2	2,052
Sales									
Supervisors, sales	32,645	5.2	2,086	32,674	5.2	2,086	—	—	—
Securities and financial services sales	35,376	7.6	2,140	35,376	7.6	2,140	—	—	—
Advertising and related sales	31,698	8.1	2,080	31,698	8.1	2,080	—	—	—
Sales, other business services	59,023	14.9	2,017	59,023	14.9	2,017	—	—	—
Sales representatives, mining, manufacturing, and wholesale	37,910	10.3	2,094	37,910	10.3	2,094	—	—	—
Sales workers, motor vehicles and boats	52,481	14.0	2,271	52,481	14.0	2,271	—	—	—
Sales workers, other commodities	38,512	20.2	2,252	38,512	20.2	2,252	—	—	—
Cashiers	21,838	17.4	2,043	21,838	17.4	2,043	—	—	—
Sales support, n.e.c.	16,903	7.4	1,994	16,552	7.8	1,990	—	—	—
	22,560	9.2	2,013	22,560	9.2	2,013	—	—	—
Administrative support, including clerical									
Supervisors, general office	26,115	1.5	2,038	27,102	1.8	2,074	21,571	2.1	1,873
Computer operators	37,507	6.4	2,109	37,865	6.9	2,111	—	—	—
Secretaries	29,542	4.8	2,071	30,183	5.5	2,080	—	—	—
Interviewers	28,603	2.6	2,031	29,892	3.2	2,063	24,854	3.1	1,937
	22,699	4.3	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 1999 — 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 —Continued									
Transportation ticket and reservation agents	\$26,132	8.3	2,080	\$26,132	8.3	2,080	—	—	—
Receptionists	22,403	4.7	2,064	22,707	4.8	2,071	—	—	—
Information clerks, n.e.c.	26,914	4.1	2,044	—	—	—	—	—	—
Order clerks	26,411	4.5	2,080	26,411	4.5	2,080	—	—	—
Personnel clerks, except payroll and timekeeping	29,053	8.5	2,052	28,705	8.6	2,080	—	—	—
Records clerks, n.e.c.	21,744	4.7	1,937	22,391	6.6	2,080	\$21,111	5.7	1,797
Bookkeepers, accounting and auditing clerks	27,087	3.6	2,068	27,815	4.2	2,076	23,970	4.0	2,033
Billing clerks	25,431	12.6	2,080	25,954	13.2	2,080	—	—	—
Telephone operators	20,577	10.4	2,080	—	—	—	—	—	—
Dispatchers	30,545	20.3	2,091	—	—	—	25,985	6.5	2,062
Traffic, shipping and receiving clerks	23,862	9.9	2,073	24,026	10.0	2,080	—	—	—
Stock and inventory clerks	23,741	4.4	2,078	23,751	5.2	2,078	—	—	—
Insurance adjusters, examiners, and investigators	33,770	19.3	2,059	33,426	21.3	2,057	—	—	—
Investigators and adjusters, except insurance	24,913	5.6	2,019	25,248	6.2	2,004	—	—	—
Bill and account collectors	25,479	6.4	2,080	—	—	—	—	—	—
General office clerks	24,660	3.1	2,073	25,461	3.4	2,078	20,729	4.2	2,044
Data entry keyers	18,207	8.9	1,926	19,536	11.8	2,080	—	—	—
Teachers' aides	12,980	3.6	1,433	—	—	—	13,098	3.4	1,432
Administrative support, n.e.c.	25,118	4.7	2,067	25,317	4.8	2,076	—	—	—
Blue collar	26,949	3.4	2,099	26,931	3.6	2,104	27,223	3.8	2,016
Precision production, craft, and repair									
Supervisors, mechanics and repairers	48,711	11.1	2,104	52,862	13.5	2,131	—	—	—
Automobile mechanics	37,359	9.2	2,128	37,359	9.2	2,128	—	—	—
Bus, truck, and stationary engine mechanics	30,956	8.6	2,143	32,445	9.1	2,166	—	—	—
Industrial machinery repairers	30,740	5.0	2,080	30,989	5.2	2,080	—	—	—
Mechanics and repairers, n.e.c.	34,022	12.4	2,072	36,524	13.1	2,069	27,595	8.3	2,080
Carpenters	25,766	12.5	2,129	25,042	15.3	2,151	—	—	—
Construction trades, n.e.c.	27,375	6.9	2,080	—	—	—	26,691	7.1	2,080
Supervisors, production	40,349	7.8	2,118	40,488	7.9	2,119	—	—	—
Precision assemblers, metal ...	34,611	5.3	2,080	34,611	5.3	2,080	—	—	—
Sheet metal workers	32,355	8.4	2,080	32,355	8.4	2,080	—	—	—
Electrical and electronic equipment assemblers	22,843	7.1	2,080	22,843	7.1	2,080	—	—	—
Butchers and meat cutters	28,099	2.2	2,080	28,099	2.2	2,080	—	—	—
Inspectors, testers, and graders	33,473	6.5	2,080	32,587	7.6	2,080	—	—	—
Machine operators, assemblers, and inspectors									
Fabricating machine operators, n.e.c.	22,320	9.0	2,067	22,320	9.0	2,067	—	—	—
Printing press operators	24,805	7.7	2,063	24,805	7.7	2,063	—	—	—
Packaging and filling machine operators	23,416	3.9	2,080	23,416	3.9	2,080	—	—	—
Extruding and forming machine operators	22,362	19.8	2,080	22,362	19.8	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 1999 — 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									
Machine operators, assemblers, and inspectors —Continued									
Slicing and cutting machine operators	\$21,635	15.7	2,080	\$21,635	15.7	2,080	—	—	—
Miscellaneous machine operators, n.e.c.	21,809	9.7	2,069	21,809	9.7	2,069	—	—	—
Welders and cutters	25,567	7.4	2,080	25,567	7.4	2,080	—	—	—
Assemblers	24,290	6.4	2,054	24,290	6.4	2,054	—	—	—
Production inspectors, checkers and examiners ...	21,578	6.8	2,077	21,578	6.8	2,077	—	—	—
Transportation and material moving	33,407	6.6	2,234	34,753	6.6	2,273	\$23,672	3.2	1,949
Truck drivers	37,065	7.2	2,489	38,884	7.2	2,542	22,911	3.7	2,073
Bus drivers	23,398	6.5	1,868	—	—	—	—	—	—
Industrial truck and tractor equipment operators	26,471	10.5	2,178	26,814	11.7	2,193	—	—	—
Handlers, equipment cleaners, helpers, and laborers	20,517	4.1	2,069	20,505	4.3	2,074	20,822	8.8	1,953
Groundskeepers and gardeners, except farm	17,379	8.3	2,038	17,041	8.7	2,034	—	—	—
Production helpers	17,513	9.7	2,080	17,513	9.7	2,080	—	—	—
Stock handlers and baggers ...	20,452	5.4	2,080	20,452	5.4	2,080	—	—	—
Freight, stock, and material handlers, n.e.c.	26,854	10.6	2,080	27,296	10.7	2,080	—	—	—
Vehicle washers and equipment cleaners	21,540	10.1	2,080	21,540	10.1	2,080	—	—	—
Hand packers and packagers	20,955	7.1	2,078	20,955	7.1	2,078	—	—	—
Laborers, except construction, n.e.c.	18,051	5.0	2,067	17,642	4.6	2,067	—	—	—
Service	20,438	4.0	1,962	17,724	5.0	1,976	27,238	3.8	1,925
Protective service	28,794	8.1	2,144	17,600	7.1	2,066	38,423	2.7	2,210
Supervisors, firefighters and fire prevention	49,788	4.8	2,636	—	—	—	49,788	4.8	2,636
Supervisors, police and detectives	51,890	3.7	2,080	—	—	—	51,890	3.7	2,080
Firefighting	39,730	3.7	2,670	—	—	—	39,730	3.7	2,670
Police and detectives, public service	42,395	2.7	2,086	—	—	—	42,395	2.7	2,086
Sheriffs, bailiffs, and other law enforcement officers	35,786	5.2	2,151	—	—	—	35,786	5.2	2,151
Correctional institution officers	25,708	1.7	2,080	—	—	—	25,708	1.7	2,080
Guards and police, except public service	16,782	5.5	2,069	16,723	5.5	2,068	—	—	—
Food service	15,181	7.6	1,926	15,756	8.7	2,071	12,690	10.2	1,298
Waiters, waitresses, and bartenders	11,915	24.2	2,045	11,915	24.2	2,045	—	—	—
Waiters and waitresses	6,828	19.1	2,020	6,828	19.1	2,020	—	—	—
Waiters/Waitresses' assistants	17,746	19.0	2,072	17,746	19.0	2,072	—	—	—
Other food service	16,045	7.3	1,895	17,088	8.7	2,080	12,690	10.2	1,298
Supervisors, food preparation and service	27,591	8.0	2,053	30,787	8.6	2,360	—	—	—
Cooks	14,703	6.6	1,875	15,803	8.0	2,055	11,494	6.8	1,351
Food counter, fountain, and related	12,951	3.4	2,061	—	—	—	—	—	—
Kitchen workers, food preparation	16,200	7.5	1,892	17,050	8.6	2,037	—	—	—

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 1999 — 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)	
Service —Continued									
Other food service—Continued									
Food preparation, n.e.c.	\$11,516	3.0	1,790	\$12,102	3.4	1,976	\$9,537	8.7	1,160
Health service	17,050	5.6	1,988	16,820	6.2	1,991	20,002	7.3	1,947
Health aides, except nursing ..	17,810	3.9	2,012	17,628	3.8	2,058	18,287	9.3	1,891
Nursing aides, orderlies and attendants	16,790	7.0	1,982	16,710	7.2	1,982	—	—	—
Cleaning and building service	17,322	5.9	2,049	15,804	5.7	2,058	21,405	7.2	2,023
Supervisors, cleaning and building service workers ...	28,974	9.9	2,118	—	—	—	—	—	—
Maids and housemen	13,351	2.6	2,019	13,351	2.6	2,019	—	—	—
Janitors and cleaners	16,736	6.1	2,046	15,725	7.4	2,062	19,108	3.9	2,010
Personal service	25,353	11.9	1,464	28,383	13.9	1,410	17,076	3.5	1,612
Early childhood teachers' assistants	14,700	5.7	1,544	—	—	—	14,489	2.6	1,398

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$17.05	2.4	\$16.73	2.9	\$18.70	1.9
All excluding sales	17.31	2.5	17.02	3.0	18.70	1.9
White collar	21.18	2.5	21.18	3.1	21.20	2.1
1	6.72	3.0	6.69	3.2	7.18	4.0
2	8.44	3.5	8.40	3.9	8.69	2.8
3	9.99	3.0	10.01	3.3	9.79	2.6
4	11.69	2.2	11.74	2.5	11.40	2.6
5	14.10	1.6	14.40	1.8	12.18	1.7
6	16.29	2.6	16.57	2.8	14.40	4.7
7	18.85	1.9	18.46	2.1	20.29	3.6
8	21.79	2.5	20.79	4.6	22.94	1.3
9	24.61	2.1	24.77	2.4	23.67	2.3
10	28.52	3.1	28.37	3.4	29.77	5.0
11	36.30	7.1	37.92	8.0	27.56	5.0
12	38.12	2.2	38.81	2.5	35.52	3.6
13	44.60	2.9	44.40	2.8	46.70	14.8
14	54.64	6.3	55.98	7.0	-	-
Not able to be leveled	30.73	13.0	30.33	14.9	33.38	16.5
White collar excluding sales	22.30	2.4	22.60	3.0	21.21	2.1
1	7.34	6.7	-	-	7.18	4.0
2	8.87	3.7	8.91	4.4	8.69	2.8
3	10.25	2.4	10.34	2.8	9.76	2.6
4	12.05	2.0	12.18	2.3	11.39	2.6
5	14.25	1.6	14.62	1.9	12.18	1.7
6	16.17	2.6	16.54	2.9	14.40	4.7
7	18.94	2.1	18.52	2.4	20.29	3.6
8	21.66	2.5	20.41	4.8	22.94	1.3
9	24.81	2.1	25.02	2.5	23.67	2.3
10	28.74	3.3	28.60	3.7	29.77	5.0
11	36.55	7.3	38.31	8.4	27.56	5.0
12	38.12	2.2	38.82	2.6	35.52	3.6
13	44.37	3.0	44.13	2.9	46.70	14.8
14	54.64	6.3	55.98	7.0	-	-
Not able to be leveled	31.41	12.9	31.10	14.8	33.38	16.5
Professional specialty and technical	25.73	2.8	26.41	3.8	24.01	1.8
Professional specialty	26.39	2.0	27.07	2.8	24.99	1.7
5	15.83	5.4	16.76	5.0	10.77	3.9
6	17.45	6.6	17.60	6.6	-	-
7	20.89	2.8	19.90	4.5	21.69	3.3
8	21.87	2.2	19.49	5.1	23.65	1.0
9	25.13	3.1	25.50	3.8	23.73	2.7
10	30.56	2.8	30.70	3.2	29.92	5.5
11	32.23	4.9	32.52	5.4	30.09	6.7
12	36.33	3.0	35.92	3.3	38.27	7.6
13	41.72	4.7	40.88	4.2	-	-
Not able to be leveled	33.79	18.2	32.68	22.4	39.55	17.6
Engineers, architects, and surveyors	29.63	2.9	29.70	3.0	-	-
7	24.12	3.0	24.12	3.0	-	-
8	24.93	4.4	24.93	4.4	-	-
9	27.89	2.8	27.91	2.8	-	-
10	30.72	4.6	30.97	4.6	-	-
11	32.59	4.3	33.49	4.6	-	-
12	37.79	4.3	37.79	4.3	-	-
Electrical and electronic engineers	28.60	3.8	28.60	3.8	-	-
Industrial engineers	24.23	5.9	24.23	5.9	-	-
9	25.79	8.3	25.79	8.3	-	-
Mechanical engineers	25.84	5.3	25.84	5.3	-	-
Engineers, n.e.c.	33.01	4.1	33.13	4.1	-	-
10	32.43	2.9	32.81	2.7	-	-
Mathematical and computer scientists	29.53	5.0	29.61	5.0	-	-
8	19.47	14.2	19.47	14.2	-	-
9	27.59	3.1	27.69	3.2	-	-
10	32.50	3.8	32.50	3.8	-	-
11	33.24	6.7	33.24	6.7	-	-

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 1999 — 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 —Continued						
12	\$34.88	4.5	\$34.88	4.5	—	—
13	42.95	4.8	42.95	4.8	—	—
Computer systems analysts and scientists	29.76	5.3	29.85	5.3	—	—
8	19.47	14.2	19.47	14.2	—	—
9	27.96	3.5	28.07	3.7	—	—
10	33.72	2.0	33.72	2.0	—	—
11	33.20	6.8	33.20	6.8	—	—
12	34.02	3.7	34.02	3.7	—	—
13	41.18	4.9	41.18	4.9	—	—
Natural scientists	45.89	8.2	47.47	7.8	—	—
Geologists and geodesists	47.47	7.8	47.47	7.8	—	—
Health related	21.40	4.5	21.34	5.1	\$21.77	7.5
7	17.96	4.7	—	—	15.27	5.3
8	20.12	3.9	19.96	4.4	21.43	5.3
9	19.37	2.5	18.94	1.8	21.87	6.3
11	29.87	8.6	—	—	—	—
Registered nurses	20.04	2.6	19.78	2.5	22.06	9.8
7	17.54	4.1	—	—	—	—
8	19.97	4.0	19.96	4.4	20.03	3.5
9	19.71	2.6	—	—	—	—
Pharmacists	24.76	9.2	—	—	—	—
Teachers, college and university	32.02	7.0	23.09	5.9	33.19	7.5
9	21.45	7.2	—	—	21.50	6.9
10	33.44	14.0	—	—	—	—
11	27.76	11.2	—	—	28.92	13.0
Other post-secondary teachers	28.63	7.0	23.80	7.2	29.41	7.6
9	21.85	11.7	—	—	—	—
11	28.30	12.1	—	—	—	—
Teachers, except college and university	23.55	2.0	17.24	11.8	24.31	1.2
7	23.35	2.1	17.16	21.0	23.95	1.8
8	23.10	2.4	15.57	15.8	23.94	1.0
9	24.94	3.3	25.27	9.1	24.90	3.6
10	30.82	4.4	—	—	—	—
11	31.64	8.9	27.72	5.7	—	—
Prekindergarten and kindergarten	17.48	21.0	—	—	23.78	3.5
8	15.29	28.1	—	—	—	—
Elementary school teachers	23.40	1.3	18.43	6.1	23.76	.9
7	23.45	2.2	—	—	23.74	2.1
8	23.52	1.6	—	—	23.89	1.0
9	22.80	1.5	22.33	5.7	—	—
Secondary school teachers	24.61	1.6	26.56	8.8	24.43	1.5
7	25.39	2.3	—	—	24.94	1.9
8	24.18	1.8	23.68	14.3	24.21	1.8
9	26.48	4.6	—	—	—	—
Teachers, special education	23.72	2.5	—	—	23.72	2.5
7	24.80	2.5	—	—	24.80	2.5
8	22.42	2.8	—	—	22.42	2.8
Teachers, n.e.c.	23.21	3.4	15.66	7.2	26.55	1.8
7	13.53	21.9	—	—	—	—
8	18.62	2.9	—	—	—	—
Vocational and educational counselors	27.50	12.1	—	—	30.03	11.0
Librarians, archivists, and curators	19.95	9.0	—	—	20.86	8.8
Librarians	19.95	9.0	—	—	20.86	8.8
Social scientists and urban planners	25.03	6.8	—	—	27.52	4.3
Psychologists	28.08	3.9	—	—	28.08	3.9
Social, recreation, and religious workers	14.15	7.1	13.01	11.2	15.36	7.1
7	14.96	5.7	—	—	15.29	5.6
Social workers	15.16	8.7	—	—	15.43	7.3
7	15.05	5.9	—	—	—	—
Lawyers and judges	41.51	6.6	—	—	37.76	10.5

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 1999 — 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						
Lawyers and judges –Continued						
Lawyers	\$40.49	8.0	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	27.95	8.1	\$27.76	8.4	–	–
9	23.95	21.7	23.95	21.7	–	–
Not able to be leveled	32.58	25.0	31.77	29.3	–	–
Designers	19.92	19.7	19.92	19.7	–	–
Editors and reporters	20.43	4.6	20.43	4.6	–	–
Technical	23.29	11.8	24.54	12.9	\$15.11	5.6
4	11.78	6.3	11.82	6.6	–	–
5	15.68	2.8	15.93	2.8	13.01	7.6
6	14.66	2.7	15.27	3.5	13.30	2.4
7	17.70	3.9	18.01	4.1	–	–
8	19.70	5.8	20.91	6.5	–	–
9	24.88	7.6	24.94	8.2	–	–
11	99.72	23.8	99.72	23.8	–	–
Clinical laboratory technologists and technicians	16.67	3.3	17.22	3.2	–	–
Radiological technicians	17.06	18.7	–	–	–	–
Licensed practical nurses	14.69	3.4	14.85	3.4	–	–
4	14.12	6.5	14.47	6.9	–	–
5	15.36	4.8	15.36	4.8	–	–
7	14.33	6.1	14.33	6.1	–	–
Health technologists and technicians, n.e.c.	12.16	8.0	12.01	8.7	–	–
4	10.17	6.4	10.19	6.8	–	–
Electrical and electronic technicians	19.14	4.1	19.10	4.2	–	–
7	18.79	4.0	18.84	4.1	–	–
8	21.97	6.3	21.97	6.3	–	–
Engineering technicians, n.e.c.	16.15	11.9	–	–	–	–
Drafters	18.60	4.9	18.60	4.9	–	–
Airplane pilots and navigators	103.51	23.5	103.51	23.5	–	–
Computer programmers	20.25	8.6	20.21	8.7	–	–
Technical and related, n.e.c.	15.76	11.2	16.05	16.3	–	–
Executive, administrative, and managerial	29.59	3.2	30.21	3.5	25.98	4.9
5	15.44	8.9	16.27	9.3	–	–
6	17.78	6.2	18.35	6.6	15.63	11.4
7	18.38	4.8	18.51	5.0	16.33	8.5
8	21.94	13.4	23.02	15.2	16.62	6.0
9	24.62	3.0	24.66	3.2	24.22	4.5
10	25.57	5.0	25.40	5.1	–	–
11	31.13	3.8	32.78	3.9	26.00	5.8
12	39.72	3.1	41.62	3.6	33.94	3.3
13	47.09	3.8	47.13	3.9	–	–
14	57.71	7.9	58.47	8.4	–	–
Not able to be leveled	36.56	13.7	37.66	14.9	–	–
Executives, administrators, and managers	34.81	3.2	35.87	3.5	29.20	4.7
7	22.05	15.6	22.05	15.6	–	–
8	29.59	26.6	–	–	–	–
9	24.74	4.2	24.59	4.5	–	–
10	25.48	7.7	25.22	8.0	–	–
11	32.27	3.9	33.88	4.2	26.90	6.6
12	40.25	3.3	42.69	3.9	33.52	3.1
13	47.20	3.8	47.25	4.0	–	–
14	57.80	8.0	58.56	8.5	–	–
Not able to be leveled	37.57	14.8	38.98	16.3	–	–
Administrators and officials, public administration	27.09	7.2	–	–	27.09	7.2
Financial managers	35.75	7.4	35.94	8.5	–	–
11	34.11	12.2	34.60	12.2	–	–
12	44.97	8.5	50.02	5.5	–	–
Managers, marketing, advertising, and public relations	43.28	6.9	43.46	7.0	–	–

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 1999 — 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						
Managers, marketing, advertising, and public relations —Continued						
12	\$46.19	9.2	—	—	—	—
Administrators, education and related fields	29.81	6.3	\$26.72	12.5	\$30.59	6.8
9	23.95	12.8	—	—	—	—
11	29.08	10.0	—	—	30.02	10.1
Managers, medicine and health	37.62	7.8	37.48	8.3	—	—
Managers, service organizations, n.e.c.	24.28	14.0	—	—	21.40	20.4
Managers and administrators, n.e.c.	34.48	4.9	34.62	5.0	29.85	11.6
9	24.63	6.8	24.63	6.8	—	—
10	23.16	5.8	23.10	5.9	—	—
11	33.23	5.0	33.64	5.1	—	—
12	37.53	3.4	38.16	3.4	—	—
13	47.40	6.0	47.24	6.2	—	—
14	57.50	9.1	57.50	9.1	—	—
Not able to be leveled	40.78	22.3	40.78	22.3	—	—
Management related	21.33	3.1	21.59	3.5	19.62	6.6
5	15.44	8.9	16.27	9.3	—	—
6	17.63	4.5	17.71	5.2	—	—
7	17.39	2.8	17.47	3.0	16.33	8.5
8	18.53	4.9	18.82	5.5	—	—
9	24.50	4.2	24.74	4.5	22.43	4.9
10	25.76	5.5	25.76	5.5	—	—
11	25.91	5.3	27.22	5.9	—	—
12	35.39	3.6	—	—	—	—
Accountants and auditors	20.62	4.9	20.67	5.0	—	—
7	16.98	1.9	16.98	2.0	—	—
11	26.62	7.4	26.62	7.4	—	—
Other financial officers	19.56	7.0	20.03	7.2	—	—
Management analysts	27.31	9.2	28.63	8.6	—	—
Personnel, training, and labor relations specialists	22.28	7.4	22.30	7.7	—	—
Purchasing agents and buyers, n.e.c.	21.92	8.6	22.28	8.9	—	—
Inspectors and compliance officers, except construction	18.00	5.3	—	—	—	—
Management related, n.e.c.	22.27	5.6	22.50	6.6	21.06	5.8
7	17.52	4.2	—	—	—	—
8	21.31	5.4	21.57	6.0	—	—
9	26.76	5.1	26.76	5.1	—	—
Sales	13.82	5.2	13.82	5.2	—	—
1	6.55	3.1	6.55	3.1	—	—
2	7.35	3.7	7.35	3.7	—	—
3	9.50	7.9	9.49	8.0	—	—
4	9.70	8.0	9.68	8.0	—	—
5	12.86	6.8	12.86	6.8	—	—
6	16.65	6.7	16.65	6.7	—	—
7	18.03	3.6	18.03	3.6	—	—
8	23.75	13.7	23.75	13.7	—	—
9	20.87	8.9	20.87	8.9	—	—
10	25.86	5.2	25.86	5.2	—	—
11	30.54	9.9	30.54	9.9	—	—
Supervisors, sales	16.53	7.3	16.53	7.3	—	—
7	15.56	3.3	15.56	3.3	—	—
Securities and financial services sales	15.24	8.1	15.24	8.1	—	—
Advertising and related sales	29.26	14.0	29.26	14.0	—	—
Sales, other business services	16.38	10.9	16.38	10.9	—	—
Sales representatives, mining, manufacturing, and wholesale	23.11	16.2	23.11	16.2	—	—
Sales workers, motor vehicles and boats	17.10	17.8	17.10	17.8	—	—

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 1999 — 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						
Sales workers, apparel	\$9.52	14.3	\$9.52	14.3	—	—
3	9.52	14.3	9.52	14.3	—	—
Sales workers, other commodities	8.92	11.5	8.92	11.5	—	—
4	7.97	8.6	7.97	8.6	—	—
Cashiers	7.24	3.7	7.16	3.7	—	—
1	6.50	3.3	6.50	3.3	—	—
3	8.29	8.8	8.18	9.2	—	—
Sales support, n.e.c.	10.85	8.3	10.85	8.3	—	—
Administrative support, including clerical	12.62	1.5	12.85	1.7	\$11.41	2.1
1	7.34	6.7	—	—	7.18	4.0
2	8.86	3.8	8.90	4.5	8.69	2.8
3	10.28	2.4	10.37	2.8	9.79	2.6
4	12.12	2.0	12.28	2.3	11.40	2.7
5	13.70	1.8	13.97	2.1	12.32	1.8
6	15.71	2.7	15.86	2.8	14.65	8.1
7	17.67	4.0	17.96	4.4	14.93	3.3
8	21.43	3.9	—	—	—	—
9	21.02	7.6	21.42	8.3	—	—
Not able to be leveled	11.67	6.0	11.39	6.4	—	—
Supervisors, general office	17.79	6.3	17.93	6.8	—	—
Computer operators	14.27	4.8	14.51	5.5	—	—
Secretaries	13.99	2.6	14.41	3.1	12.71	3.3
3	10.40	6.4	—	—	10.59	9.7
4	12.71	3.4	12.98	4.1	11.99	4.0
5	14.64	3.8	15.26	4.1	12.57	3.5
6	17.20	6.0	17.82	6.2	15.75	12.7
7	17.53	3.8	17.98	3.9	—	—
Interviewers	10.91	4.3	—	—	—	—
Transportation ticket and reservation agents	12.45	7.9	12.45	7.9	—	—
Receptionists	10.45	4.7	10.53	4.8	—	—
2	8.11	2.7	—	—	—	—
3	10.30	6.0	10.30	6.0	—	—
Information clerks, n.e.c.	12.80	4.8	13.12	4.9	—	—
Order clerks	12.53	4.9	12.53	4.9	—	—
3	12.11	6.4	12.11	6.4	—	—
4	11.09	8.6	11.09	8.6	—	—
Personnel clerks, except payroll and timekeeping	14.10	8.2	13.74	8.4	—	—
Library clerks	9.85	5.5	—	—	9.85	5.5
Records clerks, n.e.c.	11.22	4.6	10.81	6.3	11.71	5.6
3	9.55	8.3	—	—	—	—
4	11.88	6.5	—	—	—	—
5	12.40	5.4	—	—	—	—
Bookkeepers, accounting and auditing clerks	13.03	3.6	13.31	4.2	11.79	4.4
3	11.43	3.7	—	—	—	—
4	13.55	5.1	13.78	4.9	—	—
5	14.15	6.1	14.41	6.8	—	—
Billing clerks	12.23	12.6	12.48	13.2	—	—
Telephone operators	9.90	10.3	9.96	10.5	—	—
Mail clerks, except postal service	9.38	18.6	9.38	18.6	—	—
Dispatchers	14.61	19.5	—	—	12.60	6.8
Traffic, shipping and receiving clerks	11.44	9.7	11.48	9.8	—	—
3	9.01	5.8	9.01	5.8	—	—
Stock and inventory clerks	11.38	4.4	11.38	5.2	—	—
3	10.77	9.0	10.77	9.0	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	10.79	8.5	10.79	8.5	—	—
Insurance adjusters, examiners, and investigators	16.40	20.0	16.25	22.2	—	—
Investigators and adjusters, except insurance	12.35	5.5	12.61	5.7	—	—
4	11.15	4.9	10.99	9.4	—	—
Bill and account collectors	12.25	6.4	—	—	—	—

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 1999 — 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						
General office clerks	\$11.51	3.3	\$11.84	3.7	\$9.96	3.9
2	9.97	7.4	—	—	—	—
3	9.49	3.6	9.82	4.7	8.88	4.6
4	11.96	4.1	12.04	4.4	11.24	1.7
5	12.93	5.5	13.15	5.7	—	—
Bank tellers	9.50	6.1	9.50	6.1	—	—
Data entry keyers	9.39	8.3	9.32	10.6	—	—
2	8.53	13.3	8.53	13.3	—	—
3	9.43	.7	—	—	—	—
Teachers' aides	9.01	3.2	—	—	9.11	3.0
2	8.55	5.1	—	—	8.57	5.1
3	9.51	2.0	—	—	9.51	2.0
Administrative support, n.e.c.	12.13	4.4	12.17	4.5	—	—
3	9.96	11.3	—	—	—	—
4	11.44	5.4	11.49	5.5	—	—
5	12.90	3.0	12.90	3.0	—	—
Blue collar	12.61	3.2	12.56	3.4	13.43	3.7
1	7.66	2.9	7.66	2.9	—	—
2	9.04	3.8	9.01	4.0	10.10	4.1
3	11.96	5.2	11.97	5.6	11.69	3.9
4	13.45	9.9	13.58	10.1	10.84	6.3
5	13.51	2.5	13.60	2.7	12.23	4.9
6	15.09	2.6	15.00	3.1	15.44	3.9
7	18.45	2.8	18.63	3.0	16.71	5.0
8	19.62	4.3	19.57	4.5	—	—
9	20.95	4.3	20.94	4.3	—	—
Precision production, craft, and repair	16.00	3.3	16.13	3.6	15.02	3.8
1	8.49	3.6	8.51	3.6	—	—
2	8.94	4.2	8.83	4.0	—	—
3	11.77	11.9	11.87	12.6	—	—
4	12.12	2.3	12.12	2.4	—	—
5	13.03	3.7	13.26	4.1	11.34	3.8
6	15.44	2.7	15.33	3.4	15.69	3.9
7	19.00	2.8	19.27	2.9	16.72	5.2
8	20.02	4.0	19.99	4.2	—	—
9	20.90	4.6	20.88	4.7	—	—
Supervisors, mechanics and repairers	23.15	11.1	24.80	13.8	—	—
Automobile mechanics	17.56	7.8	17.56	7.8	—	—
Bus, truck, and stationary engine mechanics	14.45	7.4	14.98	7.5	—	—
Industrial machinery repairers	14.78	5.0	14.90	5.2	—	—
7	16.83	5.2	16.83	5.2	—	—
Mechanics and repairers, n.e.c.	16.42	12.3	17.65	13.0	13.27	8.3
Carpenters	12.10	14.1	11.64	16.9	—	—
Construction trades, n.e.c.	13.16	6.9	—	—	12.83	7.1
Supervisors, production	19.05	7.1	19.11	7.2	—	—
Precision assemblers, metal	16.64	5.3	16.64	5.3	—	—
Sheet metal workers	15.56	8.4	15.56	8.4	—	—
Electrical and electronic equipment assemblers ..	10.98	7.1	10.98	7.1	—	—
Butchers and meat cutters	13.51	2.2	13.51	2.2	—	—
Inspectors, testers, and graders	16.09	6.5	15.67	7.6	—	—
Machine operators, assemblers, and inspectors	10.84	3.9	10.84	3.9	—	—
1	7.04	5.8	7.04	5.8	—	—
2	9.22	7.1	9.22	7.1	—	—
3	11.30	9.1	11.30	9.1	—	—
4	11.19	4.3	11.19	4.3	—	—
5	12.85	2.8	12.85	2.8	—	—
6	13.32	3.5	13.32	3.5	—	—
7	16.07	5.1	16.07	5.1	—	—
Fabricating machine operators, n.e.c.	10.80	9.0	10.80	9.0	—	—

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 1999 — 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						
Machine operators, assemblers, and inspectors						
—Continued						
Printing press operators	\$12.03	7.7	\$12.03	7.7	—	—
Packaging and filling machine operators	11.26	3.9	11.26	3.9	—	—
Extruding and forming machine operators	10.75	19.8	10.75	19.8	—	—
Slicing and cutting machine operators	10.40	15.7	10.40	15.7	—	—
Miscellaneous machine operators, n.e.c.	10.52	9.7	10.52	9.7	—	—
4	10.66	6.3	10.66	6.3	—	—
5	12.54	3.5	12.54	3.5	—	—
Welders and cutters	12.29	7.4	12.29	7.4	—	—
5	12.01	8.4	12.01	8.4	—	—
Assemblers	11.76	5.9	11.76	5.9	—	—
1	7.61	5.3	7.61	5.3	—	—
2	9.97	10.6	9.97	10.6	—	—
3	14.75	11.5	14.75	11.5	—	—
4	12.33	7.8	12.33	7.8	—	—
5	12.61	4.6	12.61	4.6	—	—
Production inspectors, checkers and examiners ..	10.39	6.8	10.39	6.8	—	—
Transportation and material moving	14.43	7.2	14.69	7.6	\$12.04	2.7
2	10.27	7.4	10.24	8.1	10.59	6.5
3	13.29	8.5	13.56	10.1	12.37	5.6
4	15.96	11.4	16.29	11.2	11.51	1.8
5	14.93	5.1	15.06	5.4	12.98	5.1
6	15.92	9.6	16.31	10.7	—	—
Truck drivers	14.83	3.9	15.18	3.9	11.05	3.7
3	14.85	10.6	—	—	—	—
4	14.23	3.3	14.43	3.1	—	—
5	15.13	6.9	15.13	7.0	—	—
Bus drivers	11.36	6.8	—	—	12.65	3.7
Industrial truck and tractor equipment operators ..	12.15	6.9	12.23	7.7	—	—
3	12.66	11.6	12.66	11.6	—	—
Handlers, equipment cleaners, helpers, and laborers	9.65	3.7	9.62	3.8	10.60	8.7
1	7.86	3.1	7.86	3.2	—	—
2	8.35	2.4	8.32	2.4	—	—
3	12.09	7.5	12.18	7.7	—	—
4	11.44	9.2	11.64	9.5	—	—
5	13.28	7.3	13.02	8.1	—	—
Groundskeepers and gardeners, except farm	8.49	8.3	8.34	8.7	—	—
1	7.61	4.7	7.60	4.8	—	—
Construction laborers	7.98	4.6	—	—	—	—
Production helpers	8.42	9.7	8.42	9.7	—	—
Stock handlers and baggers	8.85	5.6	8.85	5.6	—	—
1	6.49	4.1	6.49	4.1	—	—
2	7.75	2.5	7.75	2.5	—	—
3	10.33	3.7	10.33	3.7	—	—
Freight, stock, and material handlers, n.e.c.	12.57	9.6	12.74	9.6	—	—
1	8.30	9.8	8.30	9.8	—	—
2	9.60	5.2	9.60	5.2	—	—
3	14.46	13.7	14.46	13.7	—	—
Vehicle washers and equipment cleaners	10.36	10.2	10.36	10.2	—	—
Hand packers and packagers	9.93	6.9	9.93	6.9	—	—
2	8.57	4.5	8.57	4.5	—	—
Laborers, except construction, n.e.c.	8.71	4.5	8.55	4.2	—	—
1	7.77	3.4	7.78	3.4	—	—
2	8.90	8.8	8.70	11.3	—	—
Service	9.66	4.1	8.34	5.3	13.76	3.3
1	6.23	3.0	6.13	3.3	7.49	2.6
2	7.68	4.1	7.45	4.7	8.76	4.5
3	7.48	6.4	6.62	9.0	10.10	1.9
4	10.16	4.9	9.87	5.8	11.46	2.8

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 1999 — 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						
5	\$20.27	15.2	—	—	\$13.53	3.8
6	13.99	6.8	\$13.01	9.2	15.30	4.6
7	18.21	5.4	—	—	17.54	3.5
8	18.27	5.5	—	—	19.26	5.2
9	20.99	6.0	—	—	21.29	6.6
10	24.00	7.7	—	—	22.27	4.6
Protective service	13.30	7.4	8.52	7.1	17.32	2.9
1	7.35	4.6	7.36	4.6	—	—
2	8.04	10.4	7.99	10.7	—	—
3	8.36	7.0	8.28	7.9	—	—
4	10.95	5.4	—	—	11.76	2.5
5	12.47	1.5	—	—	12.51	1.6
6	16.06	3.5	—	—	15.78	3.8
7	17.29	3.6	—	—	17.49	3.5
8	19.26	5.2	—	—	19.26	5.2
9	20.88	6.9	—	—	20.88	6.9
10	24.00	7.7	—	—	22.27	4.6
Supervisors, firefighters and fire prevention	18.89	5.0	—	—	18.89	5.0
Supervisors, police and detectives	24.95	3.7	—	—	24.95	3.7
Firefighting	14.88	3.3	—	—	14.88	3.3
7	14.98	4.9	—	—	14.98	4.9
Police and detectives, public service	20.32	2.7	—	—	20.32	2.7
7	19.20	2.9	—	—	19.20	2.9
Sheriffs, bailiffs, and other law enforcement officers	16.64	3.7	—	—	16.64	3.7
Correctional institution officers	12.36	1.7	—	—	12.36	1.7
5	12.37	.8	—	—	12.37	.8
Guards and police, except public service	8.15	5.5	8.11	5.5	—	—
1	7.36	4.6	7.36	4.6	—	—
2	7.99	10.7	7.99	10.7	—	—
3	8.26	7.8	8.28	7.9	—	—
Food service	7.20	6.2	6.92	7.0	9.12	9.6
1	5.69	4.3	5.43	4.4	7.45	3.2
2	7.13	7.0	7.06	8.6	7.46	4.6
3	5.15	9.2	4.66	9.4	—	—
4	9.11	8.0	8.87	8.8	—	—
5	12.08	18.1	—	—	—	—
Waiters, waitresses, and bartenders	4.91	19.5	4.91	19.5	—	—
1	4.13	12.4	4.13	12.4	—	—
3	3.02	17.9	3.02	17.9	—	—
Waiters and waitresses	3.26	14.0	3.26	14.0	—	—
3	2.86	18.7	2.86	18.7	—	—
Waiters/Waitresses' assistants	7.85	20.0	7.85	20.0	—	—
1	5.53	8.1	5.53	8.1	—	—
Other food service	8.08	5.8	7.85	6.8	9.12	9.6
1	6.28	2.4	6.03	1.8	7.45	3.2
2	7.40	7.0	7.38	8.7	7.46	4.6
3	7.06	9.9	6.51	12.2	—	—
4	9.92	6.3	9.71	7.2	—	—
5	12.08	18.1	—	—	—	—
Supervisors, food preparation and service	13.24	5.9	12.83	6.6	—	—
Cooks	7.78	6.3	7.63	7.4	8.51	5.1
2	7.78	4.3	—	—	—	—
3	7.43	6.9	7.22	7.9	—	—
4	8.73	4.2	—	—	—	—
Food counter, fountain, and related	5.58	9.7	5.37	10.7	—	—
1	6.12	2.8	5.92	1.8	—	—
Kitchen workers, food preparation	8.11	6.0	7.95	7.9	8.62	6.8
1	7.03	3.8	6.93	4.4	—	—
Food preparation, n.e.c.	6.42	2.8	6.09	2.5	7.73	4.9
1	6.15	3.3	5.86	1.7	7.58	4.5
2	6.58	4.6	—	—	6.81	4.1
Health service	8.53	4.8	8.40	5.3	9.98	6.5
1	6.95	8.0	6.95	8.0	—	—

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 1999 — 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						
Health service—Continued						
2	\$8.05	5.0	\$7.93	5.1	—	—
3	8.65	6.6	8.69	6.9	—	—
4	9.42	6.4	—	—	—	—
Health aides, except nursing	8.85	3.7	8.56	3.1	\$9.67	9.4
Nursing aides, orderlies and attendants	8.43	5.8	8.38	6.0	—	—
1	6.29	4.0	6.29	4.0	—	—
2	8.01	5.5	7.88	5.4	—	—
3	8.72	7.1	8.72	7.4	—	—
Cleaning and building service	7.95	5.9	7.22	5.4	10.52	7.2
1	6.38	3.6	6.27	3.6	7.72	3.8
2	7.58	10.6	7.30	12.9	8.59	7.9
3	10.53	2.2	—	—	10.47	2.1
4	10.68	7.4	10.42	7.8	—	—
Supervisors, cleaning and building service workers	13.68	8.9	—	—	—	—
Maids and housemen	6.61	3.2	6.61	3.2	—	—
1	6.50	4.0	6.50	4.0	—	—
Janitors and cleaners	7.61	6.1	7.06	6.6	9.45	3.9
1	6.36	4.2	6.22	4.1	7.72	3.8
2	7.86	14.3	—	—	8.59	7.9
3	10.53	2.2	—	—	10.47	2.1
4	11.43	8.1	—	—	—	—
Personal service	13.16	18.4	13.70	21.7	10.54	3.7
1	5.24	4.9	5.22	5.0	—	—
2	8.28	6.1	7.29	6.1	—	—
3	8.01	9.4	6.23	11.6	10.66	1.9
Early childhood teachers' assistants	8.65	6.2	7.00	4.8	10.36	2.8
3	9.20	7.2	7.31	2.4	—	—
Service, n.e.c.	7.08	9.6	6.56	8.4	—	—

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 appendixes 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$17.71	2.4	\$17.46	2.9	\$18.94	1.9
All excluding sales	17.84	2.5	17.60	3.0	18.95	1.9
White collar	21.77	2.5	21.87	3.0	21.36	2.1
1	7.35	5.7	7.44	6.5	—	—
2	8.89	4.2	8.94	4.9	8.62	3.5
3	10.29	2.9	10.35	3.2	9.86	2.7
4	11.83	2.1	11.89	2.4	11.46	2.6
5	14.13	1.6	14.42	1.8	12.25	1.7
6	16.29	2.6	16.58	2.9	14.34	4.9
7	18.87	2.0	18.46	2.2	20.35	3.6
8	21.81	2.5	20.81	4.7	22.95	1.3
9	24.64	2.1	24.79	2.4	23.73	2.4
10	28.52	3.1	28.36	3.4	29.94	5.2
11	36.48	7.1	38.06	8.0	27.69	5.3
12	38.11	2.2	38.81	2.6	35.52	3.6
13	44.23	3.0	43.97	2.9	46.70	14.8
14	54.64	6.3	55.98	7.0	—	—
Not able to be leveled	31.70	13.0	31.40	15.0	33.55	16.6
White collar excluding sales	22.51	2.5	22.83	3.0	21.38	2.1
1	7.50	4.0	—	—	—	—
2	8.92	4.3	8.98	5.1	8.62	3.5
3	10.33	2.5	10.42	2.9	9.83	2.8
4	12.18	1.9	12.33	2.2	11.45	2.6
5	14.27	1.6	14.63	1.8	12.25	1.7
6	16.18	2.7	16.55	2.9	14.34	4.9
7	18.97	2.1	18.52	2.4	20.35	3.6
8	21.68	2.5	20.42	5.0	22.95	1.3
9	24.84	2.1	25.04	2.5	23.73	2.4
10	28.74	3.3	28.59	3.7	29.94	5.2
11	36.75	7.4	38.47	8.4	27.69	5.3
12	38.11	2.3	38.83	2.6	35.52	3.6
13	43.96	3.1	43.66	3.0	46.70	14.8
14	54.64	6.3	55.98	7.0	—	—
Not able to be leveled	31.70	13.0	31.40	15.0	33.55	16.6
Professional specialty and technical	25.81	2.9	26.50	3.8	24.12	1.9
Professional specialty	26.44	2.1	27.10	2.8	25.10	1.7
5	16.08	5.4	16.77	5.0	—	—
6	17.41	6.9	17.64	6.7	—	—
7	21.13	2.9	20.12	5.2	21.77	3.3
8	21.91	2.3	19.47	5.3	23.67	1.0
9	25.19	3.1	25.55	3.8	23.81	2.7
10	30.59	2.8	30.68	3.2	30.13	5.7
11	32.33	4.9	32.52	5.4	30.78	7.2
12	36.23	3.1	35.76	3.5	38.27	7.6
13	40.50	4.5	39.30	3.0	—	—
Not able to be leveled	34.42	18.5	33.33	22.8	39.91	17.7
Engineers, architects, and surveyors	29.63	2.9	29.70	3.0	—	—
7	24.12	3.0	24.12	3.0	—	—
8	24.93	4.4	24.93	4.4	—	—
9	27.89	2.8	27.91	2.8	—	—
10	30.72	4.6	30.97	4.6	—	—
11	32.59	4.3	33.49	4.6	—	—
12	37.79	4.3	37.79	4.3	—	—
Electrical and electronic engineers	28.60	3.8	28.60	3.8	—	—
Industrial engineers	24.23	5.9	24.23	5.9	—	—
9	25.79	8.3	25.79	8.3	—	—
Mechanical engineers	25.84	5.3	25.84	5.3	—	—
Engineers, n.e.c.	33.01	4.1	33.13	4.1	—	—
10	32.43	2.9	32.81	2.7	—	—
Mathematical and computer scientists	29.45	5.0	29.53	5.0	—	—
8	19.47	14.2	19.47	14.2	—	—
9	27.59	3.1	27.69	3.2	—	—
10	32.50	3.8	32.50	3.8	—	—
11	33.24	6.7	33.24	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 1999 — 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 –Continued						
12	\$34.02	3.6	\$34.02	3.6	–	–
13	42.95	4.8	42.95	4.8	–	–
Computer systems analysts and scientists	29.67	5.3	29.76	5.3	–	–
8	19.47	14.2	19.47	14.2	–	–
9	27.96	3.5	28.07	3.7	–	–
10	33.72	2.0	33.72	2.0	–	–
11	33.20	6.8	33.20	6.8	–	–
12	33.01	1.6	33.01	1.6	–	–
13	41.18	4.9	41.18	4.9	–	–
Natural scientists	45.89	8.2	47.47	7.8	–	–
Geologists and geodesists	47.47	7.8	47.47	7.8	–	–
Health related	20.38	3.6	20.11	4.1	\$21.78	7.6
7	17.03	4.5	17.82	5.6	15.27	5.3
8	20.12	4.2	19.96	4.7	21.44	5.6
9	19.42	2.7	18.97	2.0	21.87	6.3
11	29.87	8.6	–	–	–	–
Registered nurses	20.04	2.8	19.76	2.7	22.09	10.1
7	16.84	3.9	17.09	4.7	–	–
8	19.95	4.3	19.96	4.7	–	–
Teachers, college and university	32.97	7.5	22.48	3.1	34.48	8.1
9	21.34	7.4	–	–	21.87	7.9
10	35.20	15.5	–	–	–	–
11	28.59	13.4	–	–	–	–
Other post-secondary teachers	29.64	7.9	–	–	30.92	8.7
11	29.41	14.7	–	–	–	–
Teachers, except college and university	23.70	2.0	17.47	12.5	24.41	1.2
7	23.83	2.0	20.30	21.3	24.07	1.7
8	23.12	2.4	15.50	16.1	23.95	1.0
9	24.94	3.3	25.27	9.1	24.90	3.6
10	30.43	4.5	–	–	–	–
11	31.64	8.9	27.72	5.7	–	–
Prekindergarten and kindergarten	17.49	21.2	–	–	23.78	3.5
8	15.28	28.4	–	–	–	–
Elementary school teachers	23.47	1.3	18.46	6.2	23.83	.8
7	23.45	2.2	–	–	23.74	2.1
8	23.52	1.6	–	–	23.90	1.0
9	22.80	1.5	22.33	5.7	–	–
Secondary school teachers	24.63	1.6	26.97	7.9	24.43	1.5
7	25.39	2.3	–	–	24.94	1.9
8	24.20	1.8	24.11	13.2	24.21	1.8
9	26.48	4.6	–	–	–	–
Teachers, special education	23.72	2.5	–	–	23.72	2.5
7	24.80	2.5	–	–	24.80	2.5
8	22.42	2.8	–	–	22.42	2.8
Teachers, n.e.c.	24.61	3.3	17.15	8.8	–	–
Vocational and educational counselors	27.50	12.1	–	–	30.03	11.0
Librarians, archivists, and curators	20.79	8.0	–	–	20.86	8.8
Librarians	20.79	8.0	–	–	20.86	8.8
Social scientists and urban planners	25.03	6.8	–	–	27.52	4.3
Psychologists	28.08	3.9	–	–	28.08	3.9
Social, recreation, and religious workers	14.20	7.6	13.02	12.3	15.36	7.1
7	15.29	5.6	–	–	15.29	5.6
Social workers	15.32	9.6	–	–	15.43	7.3
Lawyers and judges	41.51	6.6	–	–	37.76	10.5
Lawyers	40.49	8.0	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	28.35	8.0	28.16	8.3	–	–
9	23.95	21.7	23.95	21.7	–	–
Not able to be leveled	33.30	25.5	32.55	30.0	–	–
Designers	20.50	18.6	20.50	18.6	–	–

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 1999 — 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						
Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued						
Editors and reporters	\$20.43	4.6	\$20.43	4.6	–	–
Technical	23.52	12.1	24.80	13.2	\$15.16	5.7
4	11.52	6.1	11.54	6.5	–	–
5	15.62	2.8	15.87	2.8	13.01	7.6
6	14.57	2.8	15.16	3.8	13.31	2.7
7	17.70	3.9	18.01	4.1	–	–
8	19.70	5.8	20.91	6.5	–	–
9	24.88	7.6	24.94	8.2	–	–
11	107.52	21.2	107.52	21.2	–	–
Clinical laboratory technologists and technicians	16.57	3.6	17.16	3.6	–	–
Radiological technicians	17.06	18.7	–	–	–	–
Licensed practical nurses	14.47	3.4	14.64	3.5	–	–
4	13.48	4.1	–	–	–	–
5	15.21	4.6	15.21	4.6	–	–
7	14.33	6.1	14.33	6.1	–	–
Health technologists and technicians, n.e.c.	11.96	7.8	11.78	8.4	–	–
4	10.17	6.4	10.19	6.8	–	–
Electrical and electronic technicians	19.14	4.1	19.10	4.2	–	–
7	18.79	4.0	18.84	4.1	–	–
8	21.97	6.3	21.97	6.3	–	–
Engineering technicians, n.e.c.	16.15	11.9	–	–	–	–
Drafters	18.60	4.9	18.60	4.9	–	–
Airplane pilots and navigators	103.51	23.5	103.51	23.5	–	–
Computer programmers	20.25	8.6	20.21	8.7	–	–
Technical and related, n.e.c.	15.76	11.2	16.05	16.3	–	–
Executive, administrative, and managerial	29.63	3.2	30.26	3.5	25.98	4.9
5	15.98	8.4	17.03	8.6	–	–
6	17.78	6.2	18.35	6.6	15.63	11.4
7	18.38	4.8	18.51	5.0	16.33	8.5
8	21.94	13.4	23.02	15.2	16.62	6.0
9	24.62	3.0	24.66	3.2	24.22	4.5
10	25.56	5.0	25.39	5.1	–	–
11	31.13	3.8	32.78	3.9	26.00	5.8
12	39.72	3.1	41.62	3.6	33.94	3.3
13	47.09	3.8	47.13	3.9	–	–
14	57.71	7.9	58.47	8.4	–	–
Not able to be leveled	36.56	13.7	37.66	14.9	–	–
Executives, administrators, and managers	34.81	3.2	35.87	3.5	29.20	4.7
7	22.05	15.6	22.05	15.6	–	–
8	29.59	26.6	–	–	–	–
9	24.74	4.2	24.59	4.5	–	–
10	25.48	7.7	25.22	8.0	–	–
11	32.27	3.9	33.88	4.2	26.90	6.6
12	40.25	3.3	42.69	3.9	33.52	3.1
13	47.20	3.8	47.25	4.0	–	–
14	57.80	8.0	58.56	8.5	–	–
Not able to be leveled	37.57	14.8	38.98	16.3	–	–
Administrators and officials, public administration	27.09	7.2	–	–	27.09	7.2
Financial managers	35.75	7.4	35.94	8.5	–	–
11	34.11	12.2	34.60	12.2	–	–
12	44.97	8.5	50.02	5.5	–	–
Managers, marketing, advertising, and public relations	43.28	6.9	43.46	7.0	–	–
12	46.19	9.2	–	–	–	–
Administrators, education and related fields	29.81	6.3	26.69	12.6	30.59	6.8
9	23.95	12.8	–	–	–	–
11	29.08	10.0	–	–	30.02	10.1
Managers, medicine and health	37.62	7.8	37.48	8.3	–	–

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 1999 — 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						
Managers, service organizations, n.e.c.	\$24.28	14.0	–	–	\$21.40	20.4
Managers and administrators, n.e.c.	34.48	4.9	\$34.62	5.0	29.85	11.6
9	24.63	6.8	24.63	6.8	–	–
10	23.16	5.8	23.10	5.9	–	–
11	33.23	5.0	33.64	5.1	–	–
12	37.53	3.4	38.16	3.4	–	–
13	47.40	6.0	47.24	6.2	–	–
14	57.50	9.1	57.50	9.1	–	–
Not able to be leveled	40.78	22.3	40.78	22.3	–	–
Management related	21.39	3.2	21.65	3.5	19.62	6.6
5	15.98	8.4	17.03	8.6	–	–
6	17.63	4.5	17.71	5.2	–	–
7	17.39	2.8	17.47	3.0	16.33	8.5
8	18.53	4.9	18.82	5.5	–	–
9	24.50	4.2	24.74	4.5	22.43	4.9
10	25.73	5.6	25.73	5.6	–	–
11	25.91	5.3	27.22	5.9	–	–
12	35.39	3.6	–	–	–	–
Accountants and auditors	20.59	4.9	20.65	5.0	–	–
7	16.98	1.9	16.98	2.0	–	–
11	26.62	7.4	26.62	7.4	–	–
Other financial officers	19.56	7.0	20.03	7.2	–	–
Management analysts	27.31	9.2	28.63	8.6	–	–
Personnel, training, and labor relations specialists	22.28	7.4	22.30	7.7	–	–
Purchasing agents and buyers, n.e.c.	21.92	8.6	22.28	8.9	–	–
Inspectors and compliance officers, except construction	18.00	5.3	–	–	–	–
Management related, n.e.c.	22.47	5.6	22.74	6.6	21.06	5.8
7	17.52	4.2	–	–	–	–
8	21.31	5.4	21.57	6.0	–	–
9	26.76	5.1	26.76	5.1	–	–
Sales	15.65	4.9	15.66	5.0	–	–
1	7.27	8.4	7.27	8.4	–	–
3	10.19	8.5	10.18	8.6	–	–
4	9.88	7.8	9.86	7.8	–	–
5	12.94	6.9	12.94	6.9	–	–
6	16.65	6.7	16.65	6.7	–	–
7	18.03	3.6	18.03	3.6	–	–
8	23.75	13.7	23.75	13.7	–	–
9	20.87	8.9	20.87	8.9	–	–
10	25.86	5.2	25.86	5.2	–	–
11	30.54	9.9	30.54	9.9	–	–
Supervisors, sales	16.53	7.3	16.53	7.3	–	–
7	15.56	3.3	15.56	3.3	–	–
Securities and financial services sales	15.24	8.1	15.24	8.1	–	–
Advertising and related sales	29.26	14.0	29.26	14.0	–	–
Sales, other business services	18.10	9.5	18.10	9.5	–	–
Sales representatives, mining, manufacturing, and wholesale	23.11	16.2	23.11	16.2	–	–
Sales workers, motor vehicles and boats	17.10	17.8	17.10	17.8	–	–
Sales workers, other commodities	10.69	16.7	10.69	16.7	–	–
Cashiers	8.48	7.0	8.32	7.4	–	–
1	7.22	10.8	7.22	10.8	–	–
3	8.82	8.7	8.70	9.2	–	–
Sales support, n.e.c.	11.21	9.3	11.21	9.3	–	–
Administrative support, including clerical	12.81	1.5	13.07	1.8	11.51	2.1
1	7.50	4.0	–	–	–	–

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 1999 — 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	\$8.91	4.5	\$8.97	5.3	\$8.62	3.5
3	10.36	2.5	10.46	2.9	9.83	2.8
4	12.28	1.9	12.47	2.2	11.47	2.7
5	13.70	1.8	13.97	2.1	12.32	1.8
6	15.72	2.7	15.86	2.8	14.67	8.2
7	17.74	4.1	18.04	4.4	14.93	3.3
8	21.43	3.9	—	—	—	—
9	21.02	7.6	21.42	8.3	—	—
Not able to be leveled	11.67	6.0	11.39	6.4	—	—
Supervisors, general office	17.79	6.3	17.93	6.8	—	—
Computer operators	14.27	4.8	14.51	5.5	—	—
Secretaries	14.09	2.6	14.49	3.1	12.83	3.2
3	10.40	6.4	—	—	10.59	9.7
4	12.90	3.3	13.13	4.1	12.27	3.6
5	14.64	3.8	15.26	4.1	12.57	3.5
6	17.20	6.0	17.82	6.2	15.75	12.7
7	17.73	3.6	18.24	3.6	—	—
Interviewers	10.91	4.3	—	—	—	—
Transportation ticket and reservation agents	12.56	8.3	12.56	8.3	—	—
Receptionists	10.85	4.7	10.96	4.7	—	—
3	10.63	6.0	10.63	6.0	—	—
Information clerks, n.e.c.	13.16	4.1	—	—	—	—
Order clerks	12.70	4.5	12.70	4.5	—	—
3	12.11	6.4	12.11	6.4	—	—
Personnel clerks, except payroll and timekeeping	14.16	8.4	13.80	8.6	—	—
Records clerks, n.e.c.	11.23	4.8	10.76	6.6	11.75	5.6
3	9.26	8.8	—	—	—	—
4	11.88	6.5	—	—	—	—
5	12.40	5.4	—	—	—	—
Bookkeepers, accounting and auditing clerks	13.10	3.6	13.40	4.2	11.79	4.4
3	11.43	3.7	—	—	—	—
4	13.55	5.1	13.78	4.9	—	—
5	14.15	6.1	14.41	6.8	—	—
Billing clerks	12.23	12.6	12.48	13.2	—	—
Telephone operators	9.89	10.4	—	—	—	—
Dispatchers	14.61	19.5	—	—	12.60	6.8
Traffic, shipping and receiving clerks	11.51	9.9	11.55	10.0	—	—
3	9.05	6.0	9.05	6.0	—	—
Stock and inventory clerks	11.42	4.4	11.43	5.2	—	—
Insurance adjusters, examiners, and investigators	16.40	20.0	16.25	22.2	—	—
Investigators and adjusters, except insurance	12.34	5.5	12.60	5.8	—	—
4	11.09	4.8	—	—	—	—
Bill and account collectors	12.25	6.4	—	—	—	—
General office clerks	11.90	3.1	12.25	3.4	10.14	4.2
3	9.48	3.7	9.82	4.9	8.88	4.6
4	12.23	3.7	12.34	4.0	11.24	1.7
5	12.93	5.5	13.15	5.7	—	—
Data entry keyers	9.45	9.0	9.39	11.8	—	—
Teachers' aides	9.06	3.2	—	—	9.15	3.0
2	8.57	5.1	—	—	8.57	5.1
3	9.62	1.9	—	—	9.62	1.9
Administrative support, n.e.c.	12.15	4.7	12.20	4.9	—	—
3	9.96	11.3	—	—	—	—
5	12.90	3.0	12.90	3.0	—	—
Blue collar	12.84	3.3	12.80	3.5	13.50	3.7
1	7.81	3.1	7.81	3.1	—	—
2	9.17	4.2	9.14	4.4	10.17	4.2
3	12.02	5.3	12.04	5.7	11.70	4.0
4	13.52	9.9	13.65	10.1	10.87	6.4
5	13.34	2.4	13.43	2.5	12.23	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 1999 — 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						
6	\$15.07	2.7	\$14.98	3.2	\$15.44	3.9
7	18.45	2.8	18.63	3.0	16.71	5.0
8	19.62	4.3	19.57	4.5	—	—
9	20.95	4.3	20.94	4.3	—	—
Precision production, craft, and repair	16.02	3.3	16.14	3.6	15.02	3.8
1	8.49	3.6	8.51	3.6	—	—
2	8.94	4.2	8.83	4.0	—	—
3	11.77	11.9	11.87	12.6	—	—
4	12.12	2.3	12.12	2.4	—	—
5	13.05	3.8	13.30	4.2	11.34	3.8
6	15.44	2.7	15.33	3.4	15.69	3.9
7	19.00	2.8	19.27	2.9	16.72	5.2
8	20.02	4.0	19.99	4.2	—	—
9	20.90	4.6	20.88	4.7	—	—
Supervisors, mechanics and repairers	23.15	11.1	24.80	13.8	—	—
Automobile mechanics	17.56	7.8	17.56	7.8	—	—
Bus, truck, and stationary engine mechanics	14.45	7.4	14.98	7.5	—	—
Industrial machinery repairers	14.78	5.0	14.90	5.2	—	—
7	16.83	5.2	16.83	5.2	—	—
Mechanics and repairers, n.e.c.	16.42	12.3	17.65	13.0	13.27	8.3
Carpenters	12.10	14.1	11.64	16.9	—	—
Construction trades, n.e.c.	13.16	6.9	—	—	12.83	7.1
Supervisors, production	19.05	7.1	19.11	7.2	—	—
Precision assemblers, metal	16.64	5.3	16.64	5.3	—	—
Sheet metal workers	15.56	8.4	15.56	8.4	—	—
Electrical and electronic equipment assemblers ..	10.98	7.1	10.98	7.1	—	—
Butchers and meat cutters	13.51	2.2	13.51	2.2	—	—
Inspectors, testers, and graders	16.09	6.5	15.67	7.6	—	—
Machine operators, assemblers, and inspectors	10.86	3.9	10.86	3.9	—	—
1	7.07	6.0	7.07	6.0	—	—
2	9.23	7.1	9.23	7.1	—	—
3	11.31	9.2	11.31	9.2	—	—
4	11.19	4.3	11.19	4.3	—	—
5	12.85	2.8	12.85	2.8	—	—
6	13.32	3.5	13.32	3.5	—	—
7	16.07	5.1	16.07	5.1	—	—
Fabricating machine operators, n.e.c.	10.80	9.0	10.80	9.0	—	—
Printing press operators	12.03	7.7	12.03	7.7	—	—
Packaging and filling machine operators	11.26	3.9	11.26	3.9	—	—
Extruding and forming machine operators	10.75	19.8	10.75	19.8	—	—
Slicing and cutting machine operators	10.40	15.7	10.40	15.7	—	—
Miscellaneous machine operators, n.e.c.	10.54	9.7	10.54	9.7	—	—
4	10.66	6.3	10.66	6.3	—	—
5	12.54	3.5	12.54	3.5	—	—
Welders and cutters	12.29	7.4	12.29	7.4	—	—
5	12.01	8.4	12.01	8.4	—	—
Assemblers	11.83	6.0	11.83	6.0	—	—
1	7.70	5.4	7.70	5.4	—	—
2	9.98	10.6	9.98	10.6	—	—
3	14.81	11.7	14.81	11.7	—	—
4	12.33	7.8	12.33	7.8	—	—
5	12.61	4.6	12.61	4.6	—	—
Production inspectors, checkers and examiners ..	10.39	6.8	10.39	6.8	—	—
Transportation and material moving	14.95	6.9	15.29	7.2	12.15	3.0
2	10.91	7.7	10.92	8.4	—	—
3	13.87	7.4	14.32	8.0	12.45	6.3
4	16.22	10.9	16.56	10.7	11.58	1.7
5	14.60	5.6	14.73	6.0	12.98	5.1
6	15.92	9.6	16.31	10.7	—	—
Truck drivers	14.89	4.1	15.30	4.2	11.05	3.7
3	14.89	10.8	—	—	—	—

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 1999 — 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						
Truck drivers —Continued						
4	\$14.26	3.3	\$14.47	3.1	—	—
5	14.69	8.3	14.68	8.4	—	—
Bus drivers	12.52	7.2	—	—	—	—
Industrial truck and tractor equipment operators ..	12.15	6.9	12.23	7.7	—	—
3	12.66	11.6	12.66	11.6	—	—
Handlers, equipment cleaners, helpers, and laborers						
1	9.92	4.1	9.89	4.2	\$10.66	8.8
2	8.04	3.4	8.05	3.4	—	—
3	8.39	2.4	8.35	2.4	—	—
4	12.09	7.5	12.18	7.7	—	—
5	11.44	9.2	11.64	9.5	—	—
Groundskeepers and gardeners, except farm	12.89	8.0	12.52	9.0	—	—
1	8.53	8.4	8.38	8.9	—	—
2	7.63	4.8	—	—	—	—
Production helpers	8.42	9.7	8.42	9.7	—	—
Stock handlers and baggers	9.83	5.4	9.83	5.4	—	—
1	7.28	10.1	7.28	10.1	—	—
3	10.33	3.7	10.33	3.7	—	—
Freight, stock, and material handlers, n.e.c.	12.91	10.6	13.12	10.7	—	—
3	14.46	13.7	14.46	13.7	—	—
Vehicle washers and equipment cleaners	10.36	10.2	10.36	10.2	—	—
Hand packers and packagers	10.08	7.1	10.08	7.1	—	—
2	8.77	4.5	8.77	4.5	—	—
Laborers, except construction, n.e.c.	8.73	4.9	8.54	4.5	—	—
1	7.82	3.5	7.82	3.5	—	—
Service						
1	10.42	4.5	8.97	6.0	14.15	3.4
2	6.54	3.0	6.45	3.3	7.58	2.9
3	8.14	4.1	7.90	4.8	9.13	4.8
4	7.97	6.7	7.07	9.7	10.28	1.7
5	10.25	5.2	9.94	6.2	11.47	2.8
6	19.50	16.4	—	—	13.53	3.9
7	13.99	6.8	13.01	9.2	15.30	4.6
8	18.21	5.4	—	—	17.54	3.5
9	18.27	5.5	—	—	19.26	5.2
10	20.99	6.0	—	—	21.29	6.6
Protective service	24.00	7.7	—	—	22.27	4.6
1	13.43	7.6	8.52	7.3	17.39	2.9
2	7.36	4.7	7.36	4.7	—	—
3	8.27	9.0	8.22	9.2	—	—
4	8.43	7.2	—	—	—	—
5	10.90	5.3	—	—	11.78	2.5
6	12.46	1.5	—	—	12.50	1.6
7	16.06	3.5	—	—	15.78	3.8
8	17.29	3.6	—	—	17.49	3.5
9	19.26	5.2	—	—	19.26	5.2
10	20.88	6.9	—	—	20.88	6.9
Supervisors, firefighters and fire prevention	24.00	7.7	—	—	22.27	4.6
Supervisors, police and detectives	18.89	5.0	—	—	18.89	5.0
Firefighting	24.95	3.7	—	—	24.95	3.7
7	14.88	3.3	—	—	14.88	3.3
Police and detectives, public service	14.98	4.9	—	—	14.98	4.9
7	20.32	2.7	—	—	20.32	2.7
Sheriffs, bailiffs, and other law enforcement officers	19.20	2.9	—	—	19.20	2.9
5	16.64	3.7	—	—	16.64	3.7
Correctional institution officers	12.36	1.7	—	—	12.36	1.7
5	12.37	.8	—	—	12.37	.8
Guards and police, except public service	8.11	5.7	8.08	5.7	—	—
1	7.36	4.7	7.36	4.7	—	—
2	8.22	9.2	8.22	9.2	—	—

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 1999 — 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						
Guards and police, except public service—Continued						
3	\$8.33	8.1	—	—	—	—
Food service	7.88	7.1	\$7.61	8.0	\$9.77	11.3
1	6.00	4.2	5.77	3.9	7.54	3.6
2	7.59	7.9	7.58	9.0	7.67	8.5
3	5.75	11.3	5.18	11.0	—	—
4	9.18	8.2	8.94	9.1	—	—
5	12.08	18.1	—	—	—	—
Waiters, waitresses, and bartenders	5.83	24.1	5.83	24.1	—	—
1	5.13	10.0	5.13	10.0	—	—
Waiters and waitresses	3.38	20.9	3.38	20.9	—	—
Waiters/Waitresses' assistants	8.56	18.8	8.56	18.8	—	—
Other food service	8.47	6.4	8.21	7.3	9.77	11.3
1	6.25	2.7	5.99	2.0	7.54	3.6
2	7.59	7.9	7.58	9.0	7.67	8.5
3	7.73	6.1	7.27	6.9	—	—
4	10.05	6.1	9.85	7.1	—	—
5	12.08	18.1	—	—	—	—
Supervisors, food preparation and service	13.44	5.5	13.05	6.1	—	—
Cooks	7.84	6.7	7.69	8.1	8.51	5.1
2	7.71	5.7	—	—	—	—
3	7.43	6.9	7.22	7.9	—	—
Food counter, fountain, and related	6.28	2.9	—	—	—	—
1	6.21	2.9	—	—	—	—
Kitchen workers, food preparation	8.56	6.2	8.37	7.9	—	—
1	7.08	6.0	7.04	6.8	—	—
Food preparation, n.e.c.	6.44	3.2	6.13	2.7	8.22	7.1
1	6.12	3.9	5.83	1.6	—	—
2	6.68	4.0	—	—	—	—
Health service	8.58	5.0	8.45	5.5	10.27	6.8
1	7.02	8.1	7.02	8.1	—	—
2	8.06	5.2	7.93	5.3	—	—
3	8.73	6.8	8.77	6.8	—	—
4	9.37	7.0	—	—	—	—
Health aides, except nursing	8.85	3.7	8.56	3.1	9.67	9.4
Nursing aides, orderlies and attendants	8.47	6.2	8.43	6.3	—	—
1	6.34	4.1	6.34	4.1	—	—
2	8.02	5.8	7.88	5.6	—	—
3	8.81	7.3	8.81	7.3	—	—
Cleaning and building service	8.46	5.8	7.68	5.7	10.58	7.2
1	6.62	3.5	6.50	3.5	7.72	3.8
2	8.37	10.1	8.23	13.5	8.75	8.3
3	10.42	2.1	—	—	10.47	2.1
4	10.68	7.4	10.42	7.8	—	—
Supervisors, cleaning and building service workers	13.68	8.9	—	—	—	—
Maids and housemen	6.61	3.2	6.61	3.2	—	—
1	6.50	4.0	6.50	4.0	—	—
Janitors and cleaners	8.18	6.2	7.63	7.6	9.51	3.9
1	6.65	4.4	6.50	4.4	7.72	3.8
2	9.26	11.9	9.64	18.9	8.75	8.3
3	10.42	2.1	—	—	10.47	2.1
4	11.43	8.1	—	—	—	—

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 1999 — 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	\$17.32	19.9	\$20.13	24.3	\$10.59	3.7
1	4.58	13.5	—	—	—	—
2	9.20	5.9	—	—	—	—
3	8.35	12.0	—	—	—	—
Early childhood teachers' assistants	9.52	6.8	—	—	10.36	2.8

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 appendixes 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999

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	\$9.00	7.7	\$8.88	8.3	\$10.76	5.2
All excluding sales	9.45	9.3	9.33	10.2	10.76	5.2
White collar	11.38	11.8	11.18	12.9	13.89	7.9
1	6.40	3.3	6.36	3.4	—	—
2	7.66	3.6	7.56	3.6	—	—
3	8.42	6.4	8.41	6.7	8.77	5.3
4	9.46	9.8	9.54	10.3	—	—
5	11.68	16.5	12.44	18.8	—	—
6	16.08	6.7	16.31	6.8	—	—
7	18.25	7.7	18.59	7.5	—	—
8	19.98	3.3	19.94	3.8	—	—
9	19.57	10.4	—	—	—	—
White collar excluding sales	15.65	14.9	15.96	17.0	13.89	7.9
2	8.65	3.1	8.56	4.1	—	—
3	9.05	4.3	9.10	5.0	8.77	5.3
4	9.96	9.8	10.08	10.2	—	—
5	12.35	17.1	—	—	—	—
6	16.08	6.7	16.31	6.8	—	—
7	18.25	7.7	18.59	7.5	—	—
8	19.98	3.3	19.94	3.8	—	—
9	19.57	10.4	—	—	—	—
Professional specialty and technical	23.20	15.7	24.21	17.4	18.26	7.2
Professional specialty	25.06	16.9	26.37	18.5	19.16	6.7
7	18.69	7.2	19.06	6.9	—	—
8	19.98	3.3	19.94	3.8	—	—
9	19.57	10.4	—	—	—	—
Mathematical and computer scientists	—	—	—	—	—	—
Health related	28.89	20.1	29.08	20.3	—	—
Registered nurses	19.98	2.3	19.91	2.4	—	—
Teachers, college and university	23.45	7.6	—	—	22.74	7.0
Other post-secondary teachers	23.45	7.6	—	—	22.74	7.0
Teachers, except college and university	11.98	10.4	13.34	13.0	10.72	16.1
8	18.86	11.0	—	—	—	—
Teachers, n.e.c.	12.60	13.6	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—	—
Technical	16.31	4.1	16.74	3.6	—	—
Executive, administrative, and managerial	—	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—	—
Management related	—	—	—	—	—	—
Sales	7.39	4.8	7.39	4.8	—	—
1	6.25	2.1	6.25	2.1	—	—
2	7.18	3.5	7.18	3.5	—	—
3	8.22	8.4	8.22	8.4	—	—
Sales workers, other commodities	7.27	5.7	7.27	5.7	—	—
Cashiers	6.61	3.1	6.61	3.1	—	—
1	6.26	2.1	6.26	2.1	—	—
Administrative support, including clerical	8.90	3.5	8.88	4.0	8.99	3.5
2	8.65	3.1	8.56	4.1	—	—
3	9.04	4.3	9.03	5.0	9.04	5.2
4	9.39	8.4	9.48	8.9	—	—
General office clerks	7.90	6.9	7.50	8.7	—	—
Blue collar	8.94	10.5	8.92	10.8	10.11	10.8
1	6.85	4.1	6.83	4.1	—	—
2	8.15	4.2	8.15	4.2	—	—
Precision production, craft, and repair	—	—	—	—	—	—

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 1999 — 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						
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	\$10.55	18.6	\$10.55	19.7	\$10.52	9.6
Bus drivers	—	—	—	—	10.52	9.6
Handlers, equipment cleaners, helpers, and laborers	7.98	4.8	7.98	4.8	—	—
1	7.05	4.3	7.05	4.3	—	—
2	8.25	5.5	8.25	5.5	—	—
Stock handlers and baggers	6.52	4.6	6.52	4.6	—	—
Laborers, except construction, n.e.c.	8.60	13.6	8.65	13.8	—	—
2	7.83	6.4	7.83	6.4	—	—
Service	6.17	8.3	6.05	9.1	7.47	3.5
1	5.29	4.3	5.19	4.4	7.13	5.1
2	6.34	7.1	6.22	8.2	7.17	4.1
3	5.34	12.3	5.03	13.3	—	—
4	9.13	12.7	—	—	—	—
Protective service	8.54	12.5	8.52	14.4	8.62	19.6
1	6.91	1.5	—	—	—	—
Guards and police, except public service	8.78	13.6	8.52	14.4	—	—
Food service	4.97	6.6	4.58	7.7	7.26	3.2
1	4.83	10.8	4.47	11.9	7.22	5.8
2	6.20	6.9	5.75	9.4	—	—
3	3.81	14.9	3.58	16.9	—	—
Waiters, waitresses, and bartenders	3.43	14.0	3.43	14.0	—	—
1	2.66	8.0	2.66	8.0	—	—
3	3.79	21.7	3.79	21.7	—	—
Waiters and waitresses	3.12	17.4	3.12	17.4	—	—
Other food service	6.24	5.5	5.88	6.6	7.26	3.2
1	6.41	3.0	6.16	3.3	7.22	5.8
2	6.87	6.2	—	—	—	—
Kitchen workers, food preparation	7.07	3.2	—	—	—	—
Food preparation, n.e.c.	6.38	3.6	5.90	3.8	7.04	2.7
1	6.30	4.3	6.05	5.0	6.99	4.8
Health service	7.80	6.2	7.56	7.9	—	—
Nursing aides, orderlies and attendants	7.80	6.2	7.56	7.9	—	—
Cleaning and building service	5.75	5.7	5.74	5.8	—	—
Janitors and cleaners	5.75	5.7	5.74	5.8	—	—
Personal service	7.61	22.8	7.61	23.0	—	—
1	5.47	4.5	5.47	4.5	—	—
2	7.40	6.5	7.40	6.5	—	—
3	6.78	2.6	6.75	2.8	—	—

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 appendixes 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Dallas-Fort Worth, TX, July 1999**

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	\$17.71	\$9.00	\$19.64	\$16.79	\$17.12	\$16.00
All excluding sales	17.84	9.45	19.75	17.04	17.39	15.47
White collar	21.77	11.38	34.95	20.81	21.29	19.25
White-collar excluding sales	22.51	15.65	36.77	21.88	22.22	28.54
Professional specialty and technical	25.81	23.20	94.29	24.56	25.71	—
Professional specialty	26.44	25.06	—	26.39	26.37	—
Technical	23.52	16.31	94.29	17.22	23.29	—
Executive, administrative, and managerial	29.63	—	—	29.62	29.29	39.44
Sales	15.65	7.39	—	13.87	12.40	16.82
Administrative support, including clerical	12.81	8.90	14.86	12.47	12.56	15.60
Blue collar	12.84	8.94	15.87	11.53	12.59	12.77
Precision production, craft, and repair	16.02	—	18.86	14.83	15.88	—
Machine operators, assemblers, and inspectors	10.86	—	13.45	10.15	10.74	11.69
Transportation and material moving	14.95	10.55	17.46	13.20	14.36	14.66
Handlers, equipment cleaners, helpers, and laborers	9.92	7.98	12.67	8.80	9.78	—
Service	10.42	6.17	24.33	8.94	9.61	—
	Relative error ⁶ (percent)					
All occupations	2.4	7.7	8.3	2.5	2.5	7.4
All excluding sales	2.5	9.3	8.3	2.6	2.5	10.0
White collar	2.5	11.8	25.6	2.4	2.6	9.2
White-collar excluding sales	2.5	14.9	26.2	2.3	2.5	19.3
Professional specialty and technical	2.9	15.7	25.2	2.0	2.8	—
Professional specialty	2.1	16.9	—	2.0	2.1	—
Technical	12.1	4.1	25.2	3.2	11.8	—
Executive, administrative, and managerial	3.2	—	—	3.2	3.2	17.3
Sales	4.9	4.8	—	5.3	5.9	9.4
Administrative support, including clerical	1.5	3.5	4.8	1.6	1.5	3.9
Blue collar	3.3	10.5	5.9	2.5	3.5	7.8
Precision production, craft, and repair	3.3	—	3.8	3.3	3.4	—
Machine operators, assemblers, and inspectors	3.9	—	6.4	4.8	4.1	9.2
Transportation and material moving	6.9	18.6	10.6	4.6	9.1	6.4
Handlers, equipment cleaners, helpers, and laborers	4.1	4.8	8.5	2.5	4.0	—
Service	4.5	8.3	26.2	3.3	4.1	—

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 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-2. Major industry division: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

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	\$16.73	\$17.21	-	-	\$16.94	-	\$22.00	-	-	-
All excluding sales	17.02	17.12	-	-	16.87	-	21.92	-	-	-
White collar	21.18	25.67	-	-	25.37	-	25.10	-	-	-
White-collar excluding sales	22.60	25.88	-	-	25.47	-	25.11	-	-	-
Professional specialty and technical	26.41	28.20	-	-	27.20	-	45.34	-	-	-
Professional specialty	27.07	31.28	-	-	29.95	-	29.60	-	-	-
Technical	24.54	19.81	-	-	20.02	-	82.94	-	-	-
Executive, administrative, and managerial	30.21	30.80	-	-	32.14	-	26.27	-	-	-
Sales	13.82	21.90	-	-	22.56	-	24.85	-	-	-
Administrative support, including clerical	12.85	14.07	-	-	13.80	-	13.78	-	-	-
Blue collar	12.56	12.06	-	-	12.07	-	16.36	-	-	-
Precision production, craft, and repair	16.13	15.07	-	-	15.19	-	19.59	-	-	-
Machine operators, assemblers, and inspectors	10.84	11.01	-	-	11.01	-	-	-	-	-
Transportation and material moving	14.69	13.37	-	-	13.25	-	14.76	-	-	-
Handlers, equipment cleaners, helpers, and laborers	9.62	9.32	-	-	9.62	-	14.30	-	-	-
Service	8.34	11.03	-	-	10.54	-	-	-	-	-
	Relative error ⁵ (percent)									
All occupations	2.9	2.8	-	-	2.8	-	7.4	-	-	-
All excluding sales	3.0	2.8	-	-	2.8	-	7.3	-	-	-
White collar	3.1	2.4	-	-	2.6	-	11.4	-	-	-
White-collar excluding sales	3.0	2.4	-	-	2.6	-	11.6	-	-	-
Professional specialty and technical	3.8	2.8	-	-	2.7	-	18.6	-	-	-
Professional specialty	2.8	2.3	-	-	2.3	-	10.0	-	-	-
Technical	12.9	5.9	-	-	6.1	-	26.4	-	-	-
Executive, administrative, and managerial	3.5	5.2	-	-	5.5	-	6.0	-	-	-
Sales	5.2	10.8	-	-	8.7	-	25.7	-	-	-
Administrative support, including clerical	1.7	3.8	-	-	4.3	-	3.6	-	-	-
Blue collar	3.4	2.8	-	-	2.9	-	4.7	-	-	-
Precision production, craft, and repair	3.6	3.5	-	-	3.6	-	4.5	-	-	-
Machine operators, assemblers, and inspectors	3.9	4.2	-	-	4.2	-	-	-	-	-
Transportation and material moving	7.6	5.4	-	-	6.4	-	5.9	-	-	-
Handlers, equipment cleaners, helpers, and laborers	3.8	4.4	-	-	5.4	-	9.7	-	-	-
Service	5.3	11.5	-	-	13.5	-	-	-	-	-

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-3. Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers ³	100 workers or more		
			Total	100 - 499 workers	500 workers or more
Mean					
All occupations	\$16.73	\$13.73	\$17.34	\$13.60	\$20.56
All excluding sales	17.02	13.88	17.63	13.62	20.89
White collar	21.18	18.78	21.55	17.63	23.75
White-collar excluding sales	22.60	20.99	22.81	19.03	24.56
Professional specialty and technical	26.41	27.22	26.33	21.49	27.83
Professional specialty	27.07	30.43	26.76	24.40	27.40
Technical	24.54	19.58	25.09	15.58	29.26
Executive, administrative, and managerial	30.21	28.03	30.53	27.23	32.12
Sales	13.82	12.51	14.18	13.47	15.34
Administrative support, including clerical	12.85	12.48	12.92	12.71	13.07
Blue collar	12.56	12.11	12.65	11.37	14.51
Precision production, craft, and repair	16.13	18.67	15.62	14.36	16.69
Machine operators, assemblers, and inspectors	10.84	9.66	11.03	10.21	12.75
Transportation and material moving	14.69	12.71	14.96	13.45	17.93
Handlers, equipment cleaners, helpers, and laborers	9.62	9.09	9.79	8.79	11.19
Service	8.34	6.58	9.07	7.75	11.25
Relative error ⁴ (percent)					
All occupations	2.9	7.1	3.2	4.2	4.0
All excluding sales	3.0	7.5	3.3	4.2	4.2
White collar	3.1	8.4	3.3	5.3	3.8
White-collar excluding sales	3.0	8.3	3.2	5.0	3.8
Professional specialty and technical	3.8	12.8	3.9	7.9	4.7
Professional specialty	2.8	14.9	2.5	8.9	2.5
Technical	12.9	14.2	13.9	5.3	17.1
Executive, administrative, and managerial	3.5	9.0	3.8	6.6	4.3
Sales	5.2	11.9	5.9	8.4	7.4
Administrative support, including clerical	1.7	4.8	1.9	3.0	2.5
Blue collar	3.4	8.5	3.8	3.4	6.2
Precision production, craft, and repair	3.6	8.5	3.4	4.4	5.0
Machine operators, assemblers, and inspectors	3.9	6.0	4.4	6.0	7.1
Transportation and material moving	7.6	5.3	8.1	5.3	11.2
Handlers, equipment cleaners, helpers, and laborers	3.8	3.8	4.8	4.0	8.7
Service	5.3	5.4	6.7	4.8	14.7

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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 Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$7.00	\$9.33	\$13.97	\$21.52	\$30.25
All excluding sales	7.00	9.49	14.19	21.95	30.63
White collar	9.11	12.40	18.12	26.14	34.80
White collar excluding sales	10.24	13.03	19.59	27.38	36.04
Professional specialty and technical	14.04	18.09	23.57	28.75	36.04
Professional specialty	16.01	21.16	24.80	30.60	36.95
Engineers, architects, and surveyors	21.29	24.68	28.75	33.57	39.37
Electrical and electronic engineers	24.14	25.57	27.63	31.47	37.24
Industrial engineers	17.11	19.99	25.74	26.72	32.67
Mechanical engineers	20.11	21.51	23.54	32.44	33.12
Engineers, n.e.c.	26.24	26.59	32.99	39.37	39.37
Mathematical and computer scientists	21.16	25.79	28.83	34.16	35.75
Computer systems analysts and scientists	22.50	25.79	29.81	34.16	35.75
Natural scientists	19.56	40.58	43.99	52.55	65.60
Geologists and geodesists	38.64	40.58	43.99	52.55	65.60
Health related	15.94	17.46	19.77	22.82	28.04
Registered nurses	16.00	17.91	19.10	21.91	22.82
Pharmacists	14.72	25.07	26.88	26.88	29.34
Teachers, college and university	16.59	23.33	27.38	40.14	51.48
Other post-secondary teachers	15.47	23.53	25.51	33.86	46.00
Teachers, except college and university	19.62	22.66	23.87	25.28	27.50
Prekindergarten and kindergarten	8.00	8.00	20.00	23.20	26.83
Elementary school teachers	20.56	23.11	23.91	24.46	25.93
Secondary school teachers	21.07	23.20	23.99	26.49	28.52
Teachers, special education	20.20	22.52	23.32	24.56	26.84
Teachers, n.e.c.	11.00	20.43	27.50	27.50	27.50
Vocational and educational counselors	11.94	15.34	29.98	35.41	39.22
Librarians, archivists, and curators	11.00	17.16	23.14	23.78	24.04
Librarians	11.00	17.16	23.14	23.78	24.04
Social scientists and urban planners	11.52	19.93	28.37	29.63	30.05
Psychologists	23.21	25.45	28.81	29.63	32.69
Social, recreation, and religious workers	8.03	11.99	14.03	15.23	19.96
Social workers	8.03	12.17	14.29	18.03	22.60
Lawyers and judges	23.97	39.53	44.45	44.45	53.37
Lawyers	23.97	39.53	44.45	44.45	44.45
Writers, authors, entertainers, athletes, and professionals, n.e.c.	12.62	16.10	24.25	36.04	45.34
Designers	9.00	12.62	14.42	22.65	35.09
Editors and reporters	15.84	15.99	16.10	27.38	27.38
Technical	11.54	13.55	16.66	20.62	28.31
Clinical laboratory technologists and technicians	14.28	15.26	15.38	17.86	17.94
Radiological technicians	8.32	13.60	14.39	20.62	28.31
Licensed practical nurses	12.16	13.07	14.71	16.71	18.00
Health technologists and technicians, n.e.c.	8.54	8.94	11.25	15.40	16.90
Electrical and electronic technicians	14.40	16.35	18.93	20.84	24.74
Engineering technicians, n.e.c.	12.84	13.02	13.91	20.89	20.89
Drafters	15.00	15.50	16.97	21.68	23.57
Airplane pilots and navigators	22.09	31.25	88.02	171.06	171.06
Computer programmers	13.39	16.38	19.32	26.82	29.07
Technical and related, n.e.c.	9.30	12.47	16.50	16.83	27.76
Executive, administrative, and managerial	16.32	20.07	27.09	35.58	45.43
Executives, administrators, and managers	20.21	24.83	32.35	41.53	51.58
Administrators and officials, public administration	19.67	24.43	24.62	29.76	37.74
Financial managers	18.11	27.09	35.58	48.95	50.00
Managers, marketing, advertising, and public relations	27.71	36.99	41.62	52.11	64.45
Administrators, education and related fields	19.35	21.85	31.00	34.87	40.83
Managers, medicine and health	20.58	31.20	40.56	41.51	48.32
Managers, service organizations, n.e.c.	9.36	19.04	26.21	33.15	40.41
Managers and administrators, n.e.c.	20.95	24.00	32.13	40.24	51.58
Management related	14.64	16.64	20.19	24.39	30.25
Accountants and auditors	15.81	16.64	18.87	24.24	28.85
Other financial officers	14.88	17.92	18.07	22.00	22.00
Management analysts	17.63	19.43	26.92	33.38	39.24
Personnel, training, and labor relations specialists	13.13	17.95	22.50	26.44	30.25
Purchasing agents and buyers, n.e.c.	12.00	17.58	21.20	24.48	33.24

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Management related—Continued					
Inspectors and compliance officers, except construction	\$16.15	\$16.21	\$16.89	\$21.32	\$21.92
Management related, n.e.c.	15.85	16.32	22.14	28.34	28.95
Sales	6.42	7.98	11.54	17.61	24.72
Supervisors, sales	11.60	13.30	15.63	17.31	24.20
Securities and financial services sales	12.74	12.74	14.75	15.01	17.43
Advertising and related sales	18.74	21.03	23.36	41.32	49.64
Sales, other business services	10.55	10.82	17.61	18.68	28.43
Sales representatives, mining, manufacturing, and wholesale	13.99	16.04	18.15	25.17	45.06
Sales workers, motor vehicles and boats	10.38	13.24	13.24	18.94	30.76
Sales workers, apparel	5.60	8.30	8.73	11.55	12.35
Sales workers, other commodities	6.42	7.12	7.46	9.00	10.50
Cashiers	5.97	6.21	6.99	7.97	9.77
Sales support, n.e.c.	7.00	7.00	10.19	11.15	19.78
Administrative support, including clerical	8.41	10.02	12.27	14.44	17.30
Supervisors, general office	11.43	13.88	17.30	19.87	24.78
Computer operators	12.84	12.84	14.42	16.71	16.82
Secretaries	9.87	11.66	13.07	16.56	18.03
Interviewers	9.64	10.34	10.43	12.23	12.34
Transportation ticket and reservation agents	7.37	10.57	12.54	14.65	15.97
Receptionists	7.55	8.62	10.00	12.47	13.00
Information clerks, n.e.c.	9.69	12.11	13.67	13.94	14.47
Order clerks	8.75	11.27	13.29	13.71	15.91
Personnel clerks, except payroll and timekeeping	10.00	12.00	13.00	16.22	20.54
Library clerks	8.72	9.28	9.54	9.54	10.58
Records clerks, n.e.c.	7.92	9.36	10.98	13.05	13.22
Bookkeepers, accounting and auditing clerks	9.65	10.99	12.63	15.50	16.89
Billing clerks	8.50	9.85	11.71	17.30	17.30
Telephone operators	8.07	8.07	10.06	10.52	15.34
Mail clerks, except postal service	5.85	5.85	8.73	12.38	12.38
Dispatchers	8.00	10.00	12.23	15.45	30.82
Traffic, shipping and receiving clerks	7.82	8.45	9.91	13.13	21.13
Stock and inventory clerks	8.94	9.50	12.26	12.50	13.00
Material recording, scheduling, and distribution clerks, n.e.c.	7.05	10.00	12.07	12.07	12.07
Insurance adjusters, examiners, and investigators	9.94	9.94	17.83	21.06	25.53
Investigators and adjusters, except insurance	10.37	10.80	12.09	13.97	13.97
Bill and account collectors	11.08	11.08	11.24	14.06	14.06
General office clerks	8.41	9.23	11.73	12.38	15.18
Bank tellers	7.73	8.69	9.11	10.47	12.22
Data entry keyers	6.55	8.24	9.33	10.94	11.36
Teachers' aides	7.10	7.70	9.50	9.76	10.67
Administrative support, n.e.c.	8.41	10.24	12.45	12.88	14.44
Blue collar	7.23	8.75	11.76	15.60	20.64
Precision production, craft, and repair	9.25	12.05	15.76	19.72	22.19
Supervisors, mechanics and repairers	18.27	19.50	20.12	22.05	25.41
Automobile mechanics	14.00	16.00	16.00	18.01	24.10
Bus, truck, and stationary engine mechanics	9.98	10.22	15.94	16.49	16.72
Industrial machinery repairers	11.67	12.24	15.19	15.90	17.01
Mechanics and repairers, n.e.c.	9.30	12.43	15.43	22.33	22.33
Carpenters	8.90	8.90	10.00	14.37	18.46
Construction trades, n.e.c.	8.50	12.00	12.20	16.30	17.61
Supervisors, production	11.89	16.83	18.35	23.50	24.68
Precision assemblers, metal	12.13	15.65	16.73	19.07	19.19
Sheet metal workers	12.17	13.59	13.59	18.50	21.18
Electrical and electronic equipment assemblers ..	8.03	8.33	9.09	11.86	17.82
Butchers and meat cutters	12.05	13.16	13.16	13.82	14.73
Inspectors, testers, and graders	10.29	13.39	16.17	20.33	20.76

See footnotes at end of table.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors	\$6.49	\$7.91	\$10.22	\$13.00	\$15.05
Fabricating machine operators, n.e.c.	8.56	8.56	9.13	11.78	13.98
Printing press operators	9.50	9.50	13.04	13.13	15.05
Packaging and filling machine operators	9.03	10.00	10.00	12.91	12.91
Extruding and forming machine operators	7.50	7.50	8.94	14.02	17.39
Slicing and cutting machine operators	5.25	7.44	11.79	14.00	15.11
Miscellaneous machine operators, n.e.c.	5.35	8.97	11.14	12.93	13.63
Welders and cutters	9.24	10.31	12.49	13.99	14.60
Assemblers	7.79	8.20	10.36	13.79	21.95
Production inspectors, checkers and examiners ..	7.37	7.91	11.07	12.10	12.57
Transportation and material moving	8.91	11.66	14.36	17.28	20.64
Truck drivers	10.59	13.49	14.88	16.45	17.49
Bus drivers	8.91	8.91	11.04	13.11	14.36
Industrial truck and tractor equipment operators ..	9.02	10.50	12.20	13.76	15.36
Handlers, equipment cleaners, helpers, and laborers	6.58	7.50	8.59	10.82	13.30
Groundskeepers and gardeners, except farm	7.00	7.00	7.75	8.59	12.35
Construction laborers	7.15	7.15	7.50	8.34	9.33
Production helpers	6.00	7.00	7.25	10.79	11.88
Stock handlers and baggers	5.39	6.58	8.87	11.12	11.98
Freight, stock, and material handlers, n.e.c.	8.12	9.42	10.50	18.92	18.92
Vehicle washers and equipment cleaners	7.00	8.50	9.14	12.29	17.22
Hand packers and packagers	6.42	8.18	10.82	11.59	12.23
Laborers, except construction, n.e.c.	6.64	7.43	8.25	9.65	11.30
Service	5.15	6.00	7.50	10.92	16.62
Protective service	7.00	7.52	12.53	18.11	22.14
Supervisors, firefighters and fire prevention	15.31	17.29	18.67	21.88	22.03
Supervisors, police and detectives	21.36	21.56	25.87	26.01	30.77
Firefighting	11.80	14.07	15.45	15.54	16.62
Police and detectives, public service	16.51	19.07	20.63	22.14	22.64
Sheriffs, bailiffs, and other law enforcement					
officers	14.12	16.06	16.40	18.11	18.11
Correctional institution officers	10.74	12.53	12.54	12.54	12.54
Guards and police, except public service	6.36	7.00	7.49	8.31	11.25
Food service	2.41	5.50	6.49	8.18	11.87
Waiters, waitresses, and bartenders	2.13	2.13	4.25	6.40	11.87
Waiters and waitresses	2.13	2.13	2.41	3.89	5.15
Waiters/Waitresses' assistants	5.15	5.50	6.50	11.87	11.87
Other food service	5.50	5.94	7.04	9.00	13.94
Supervisors, food preparation and service	7.65	11.75	13.94	14.71	16.74
Cooks	5.50	6.18	7.72	8.75	9.42
Food counter, fountain, and related	2.95	5.45	6.00	6.14	7.21
Kitchen workers, food preparation	5.97	6.75	8.00	9.80	9.80
Food preparation, n.e.c.	5.50	5.75	6.00	7.04	7.49
Health service	6.38	7.24	8.13	9.21	10.91
Health aides, except nursing	7.58	8.20	9.00	9.00	11.09
Nursing aides, orderlies and attendants	6.38	7.12	7.92	9.16	10.06
Cleaning and building service	5.43	5.75	6.93	9.00	11.95
Supervisors, cleaning and building service					
workers	8.23	10.12	14.42	14.42	18.50
Maids and housemen	5.70	6.00	6.85	6.97	6.97
Janitors and cleaners	5.43	5.75	6.80	6.64	11.02
Personal service	5.15	5.30	7.50	10.67	46.17
Early childhood teachers' assistants	6.18	7.50	7.55	10.67	10.67
Service, n.e.c.	5.15	5.30	6.71	7.77	10.04

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

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.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$6.75	\$8.90	\$13.47	\$20.64	\$30.73
All excluding sales	6.82	9.00	13.59	20.95	31.70
White collar	8.75	12.36	17.46	26.59	36.04
White collar excluding sales	10.12	13.00	18.77	28.27	38.19
Professional specialty and technical	13.50	17.25	23.33	31.17	38.19
Professional specialty	15.84	20.10	26.13	32.99	39.37
Engineers, architects, and surveyors	21.29	24.68	28.75	33.57	39.37
Electrical and electronic engineers	24.14	25.57	27.63	31.47	37.24
Industrial engineers	17.11	19.99	25.74	26.72	32.67
Mechanical engineers	20.11	21.51	23.54	32.44	33.12
Engineers, n.e.c.	26.24	26.59	32.99	39.37	39.37
Mathematical and computer scientists	21.16	25.79	29.07	34.16	35.75
Computer systems analysts and scientists	22.50	25.79	29.81	34.16	35.75
Natural scientists	38.64	40.58	43.99	52.55	65.60
Geologists and geodesists	38.64	40.58	43.99	52.55	65.60
Health related	16.00	17.50	18.99	21.97	26.88
Registered nurses	16.00	17.99	18.95	21.68	22.82
Teachers, college and university	15.22	19.80	23.33	25.51	28.20
Other post-secondary teachers	15.22	19.80	23.99	25.67	28.20
Teachers, except college and university	8.00	11.00	17.00	21.24	27.83
Elementary school teachers	15.00	17.00	17.00	18.95	23.82
Secondary school teachers	15.70	22.71	27.83	30.89	34.14
Teachers, n.e.c.	8.61	11.00	16.95	20.43	21.00
Librarians, archivists, and curators	-	-	-	-	-
Social scientists and urban planners	-	-	-	-	-
Social, recreation, and religious workers	8.00	8.03	12.50	14.03	22.60
Lawyers and judges	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	12.62	16.10	24.25	36.04	45.34
Designers	9.00	12.62	14.42	22.65	35.09
Editors and reporters	15.84	15.99	16.10	27.38	27.38
Technical	11.54	14.40	16.90	20.85	29.07
Clinical laboratory technologists and technicians	15.26	15.38	16.80	17.94	22.46
Licensed practical nurses	12.68	13.46	14.83	16.71	18.00
Health technologists and technicians, n.e.c.	8.54	8.94	10.75	13.50	16.90
Electrical and electronic technicians	14.40	16.39	18.93	20.56	24.72
Drafters	15.00	15.50	16.97	21.68	23.57
Airplane pilots and navigators	22.09	31.25	88.02	171.06	171.06
Computer programmers	13.39	16.38	19.32	26.82	29.07
Technical and related, n.e.c.	9.30	12.47	14.99	17.14	27.76
Executive, administrative, and managerial	16.41	20.19	27.50	37.85	48.95
Executives, administrators, and managers	20.58	26.39	32.81	42.33	51.92
Financial managers	18.11	26.62	30.00	49.43	50.00
Managers, marketing, advertising, and public relations	27.71	36.99	41.62	52.11	64.45
Administrators, education and related fields	13.20	16.16	23.62	33.08	38.46
Managers, medicine and health	20.58	31.20	40.56	41.51	48.32
Managers and administrators, n.e.c.	20.38	24.00	32.13	40.24	51.58
Management related	15.81	16.64	20.19	24.84	30.25
Accountants and auditors	15.81	16.64	18.87	24.24	28.85
Other financial officers	17.92	17.92	18.07	22.00	22.00
Management analysts	19.43	19.43	30.47	33.38	39.24
Personnel, training, and labor relations specialists	14.30	18.15	21.63	26.45	30.25
Purchasing agents and buyers, n.e.c.	12.00	19.06	21.20	24.48	33.24
Management related, n.e.c.	15.85	16.32	21.17	28.95	30.60
Sales	6.42	7.98	11.54	17.61	24.72
Supervisors, sales	11.60	13.30	15.63	17.31	24.20
Securities and financial services sales	12.74	12.74	14.75	15.01	17.43
Advertising and related sales	18.74	21.03	23.36	41.32	49.64
Sales, other business services	10.55	10.82	17.61	18.68	28.43
Sales representatives, mining, manufacturing, and wholesale	13.99	16.04	18.15	25.17	45.06
Sales workers, motor vehicles and boats	10.38	13.24	13.24	18.94	30.76

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
White collar –Continued					
Sales –Continued					
Sales workers, apparel	\$5.60	\$8.30	\$8.73	\$11.55	\$12.35
Sales workers, other commodities	6.42	7.12	7.46	9.00	10.50
Cashiers	5.97	6.21	6.89	7.20	9.40
Sales support, n.e.c.	7.00	7.00	10.19	11.15	19.78
Administrative support, including clerical					
Supervisors, general office	8.42	10.21	12.38	14.65	17.53
Computer operators	13.46	15.76	17.30	21.62	24.78
Secretaries	12.84	12.84	14.56	16.71	16.82
Secretaries	10.21	12.50	14.03	16.82	18.03
Transportation ticket and reservation agents	7.37	10.57	12.54	14.65	15.97
Receptionists	7.89	8.80	10.82	12.47	13.00
Information clerks, n.e.c.	10.24	13.67	13.94	14.47	14.47
Order clerks	8.75	11.27	13.29	13.71	15.91
Personnel clerks, except payroll and timekeeping	10.00	12.00	13.00	16.22	17.73
Records clerks, n.e.c.	7.92	9.36	10.90	11.76	13.53
Bookkeepers, accounting and auditing clerks	9.63	10.25	13.21	15.50	16.89
Billing clerks	8.50	9.78	11.71	17.30	17.30
Telephone operators	8.07	8.07	10.06	10.52	15.34
Mail clerks, except postal service	5.85	5.85	8.73	12.38	12.38
Traffic, shipping and receiving clerks	7.82	8.45	9.91	13.13	21.13
Stock and inventory clerks	8.12	9.50	12.26	12.72	13.00
Material recording, scheduling, and distribution clerks, n.e.c.	7.05	10.00	12.07	12.07	12.07
Insurance adjusters, examiners, and investigators	9.94	9.94	14.53	22.29	25.53
Investigators and adjusters, except insurance	8.50	11.16	13.10	13.97	13.97
General office clerks	8.63	9.96	11.93	12.83	15.18
Bank tellers	7.73	8.69	9.11	10.47	12.22
Data entry keyers	6.55	6.55	9.33	11.36	11.36
Administrative support, n.e.c.	8.41	11.17	12.50	12.88	15.28
Blue collar	7.15	8.55	11.67	15.56	20.64
Precision production, craft, and repair					
Supervisors, mechanics and repairers	9.09	12.05	15.85	20.11	22.33
Automobile mechanics	18.27	20.12	20.61	25.41	52.88
Bus, truck, and stationary engine mechanics	14.00	16.00	16.00	18.01	24.10
Industrial machinery repairers	10.22	15.76	15.94	16.66	16.72
Mechanics and repairers, n.e.c.	11.67	12.24	15.55	15.90	17.01
Carpenters	9.30	14.35	20.76	22.33	22.33
Supervisors, production	8.90	8.90	9.27	14.37	14.37
Precision assemblers, metal	11.89	17.09	19.47	23.50	24.68
Sheet metal workers	12.13	15.65	16.73	19.07	19.19
Electrical and electronic equipment assemblers ..	12.17	13.59	13.59	18.50	21.18
Butchers and meat cutters	8.03	8.33	9.09	11.86	17.82
Inspectors, testers, and graders	12.05	13.16	13.16	13.82	14.73
Inspectors, testers, and graders	10.29	11.60	15.24	20.33	20.76
Machine operators, assemblers, and inspectors					
Fabricating machine operators, n.e.c.	6.49	7.91	10.22	13.00	15.05
Printing press operators	8.56	8.56	9.13	11.78	13.98
Packaging and filling machine operators	9.50	9.50	13.04	13.13	15.05
Extruding and forming machine operators	9.03	10.00	10.00	12.91	12.91
Slicing and cutting machine operators	7.50	7.50	8.94	14.02	17.39
Miscellaneous machine operators, n.e.c.	5.25	7.44	11.79	14.00	15.11
Welders and cutters	5.35	8.97	11.14	12.93	13.63
Assemblers	9.24	10.31	12.49	13.99	14.60
Production inspectors, checkers and examiners ..	7.79	8.20	10.36	13.79	21.95
Production inspectors, checkers and examiners ..	7.37	7.91	11.07	12.10	12.57
Transportation and material moving					
Truck drivers	8.91	11.86	14.50	17.28	20.64
Industrial truck and tractor equipment operators ..	11.83	13.49	14.88	16.66	17.49
Industrial truck and tractor equipment operators ..	9.02	9.90	12.24	15.36	15.36
Handlers, equipment cleaners, helpers, and laborers					
Groundskeepers and gardeners, except farm	6.58	7.50	8.55	10.82	13.30
Groundskeepers and gardeners, except farm	7.00	7.00	7.75	8.59	9.00

See footnotes at end of table.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Blue collar –Continued					
Handlers, equipment cleaners, helpers, and laborers					
–Continued					
Production helpers	\$6.00	\$7.00	\$7.25	\$10.79	\$11.88
Stock handlers and baggers	5.39	6.58	8.87	11.12	11.98
Freight, stock, and material handlers, n.e.c.	7.48	9.75	10.50	18.92	18.92
Vehicle washers and equipment cleaners	7.00	8.50	9.14	12.29	17.22
Hand packers and packagers	6.42	8.18	10.82	11.59	12.23
Laborers, except construction, n.e.c.	6.64	7.43	8.25	8.25	10.91
Service	5.15	5.75	7.00	8.35	11.87
Protective service	6.36	7.00	7.49	8.50	11.25
Guards and police, except public service	6.36	7.00	7.49	8.31	11.25
Food service	2.41	5.30	6.18	8.00	11.87
Waiters, waitresses, and bartenders	2.13	2.13	4.25	6.40	11.87
Waiters and waitresses	2.13	2.13	2.41	3.89	5.15
Waiters/Waitresses' assistants	5.15	5.50	6.50	11.87	11.87
Other food service	5.50	5.91	6.75	8.75	13.94
Supervisors, food preparation and service	7.65	11.75	13.94	14.71	14.90
Cooks	5.43	6.18	7.50	8.75	9.10
Food counter, fountain, and related	2.95	5.45	6.00	6.07	6.14
Kitchen workers, food preparation	6.40	6.68	8.00	9.80	9.80
Food preparation, n.e.c.	5.30	5.59	5.94	6.49	7.04
Health service	6.38	7.24	8.00	9.16	10.06
Health aides, except nursing	7.69	8.20	9.00	9.00	9.21
Nursing aides, orderlies and attendants	6.38	7.12	7.92	10.00	10.06
Cleaning and building service	5.43	5.68	6.35	7.50	10.12
Maids and housemen	5.70	6.00	6.85	6.97	6.97
Janitors and cleaners	5.15	5.68	5.78	7.50	9.93
Personal service	5.15	5.15	6.71	8.00	46.17
Early childhood teachers' assistants	5.50	6.50	7.50	7.50	7.55
Service, n.e.c.	5.15	5.30	6.50	7.77	7.77

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

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.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-3. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$9.45	\$11.73	\$17.63	\$23.91	\$27.63
All excluding sales	9.45	11.73	17.63	23.91	27.63
White collar	10.49	13.07	22.77	25.02	30.68
White collar excluding sales	10.49	13.07	22.77	25.02	30.68
Professional specialty and technical	14.87	21.12	23.77	25.93	29.59
Professional specialty	18.17	22.52	23.91	26.49	29.98
Engineers, architects, and surveyors	-	-	-	-	-
Mathematical and computer scientists	-	-	-	-	-
Natural scientists	-	-	-	-	-
Health related	14.72	15.97	21.24	24.47	29.34
Registered nurses	15.97	17.81	21.24	22.19	37.15
Teachers, college and university	16.59	23.53	30.10	42.56	51.48
Other post-secondary teachers	17.55	23.53	26.25	35.00	46.00
Teachers, except college and university	21.12	23.19	23.91	25.44	27.50
Prekindergarten and kindergarten	20.00	22.28	22.28	26.26	26.83
Elementary school teachers	21.36	23.20	23.91	24.80	25.93
Secondary school teachers	22.16	23.20	23.87	26.49	27.39
Teachers, special education	20.20	22.52	23.32	24.56	26.84
Teachers, n.e.c.	25.68	27.50	27.50	27.50	27.50
Vocational and educational counselors	15.34	24.52	31.24	36.95	39.22
Librarians, archivists, and curators	11.00	17.16	23.72	23.78	24.04
Librarians	11.00	17.16	23.72	23.78	24.04
Social scientists and urban planners	23.21	25.45	28.76	29.63	32.69
Psychologists	23.21	25.45	28.81	29.63	32.69
Social, recreation, and religious workers	11.38	14.04	14.29	18.03	19.96
Social workers	11.38	14.04	14.29	18.03	19.96
Lawyers and judges	23.97	23.97	39.53	39.53	53.37
Writers, authors, entertainers, athletes, and professionals, n.e.c.	-	-	-	-	-
Technical	11.01	12.44	13.91	16.50	20.89
Executive, administrative, and managerial	14.88	19.67	24.62	34.23	36.60
Executives, administrators, and managers	19.35	23.37	29.36	35.12	40.39
Administrators and officials, public administration	19.67	24.43	24.62	29.76	37.74
Administrators, education and related fields	20.07	23.32	32.00	34.87	40.83
Managers, service organizations, n.e.c.	9.36	9.36	26.21	26.21	33.15
Managers and administrators, n.e.c.	21.81	25.33	27.37	31.68	51.75
Management related	12.13	16.86	19.06	22.93	23.20
Management related, n.e.c.	13.21	20.04	22.93	22.93	22.93
Sales	-	-	-	-	-
Administrative support, including clerical	8.30	9.55	11.16	12.76	13.88
Secretaries	9.87	11.54	12.40	13.54	15.69
Library clerks	8.72	9.28	9.54	9.54	10.58
Records clerks, n.e.c.	8.81	9.72	12.74	13.22	13.22
Bookkeepers, accounting and auditing clerks	9.99	10.99	10.99	12.82	13.03
Dispatchers	10.26	10.26	12.23	15.28	15.50
General office clerks	7.64	9.00	9.41	11.16	12.19
Teachers' aides	7.10	8.30	9.50	9.76	10.67
Blue collar	9.45	10.76	12.95	15.60	18.15
Precision production, craft, and repair	10.50	12.05	15.60	18.15	18.48
Mechanics and repairers, n.e.c.	9.46	10.50	13.67	15.43	15.43
Construction trades, n.e.c.	11.51	11.51	12.20	14.47	17.09
Transportation and material moving	10.18	10.59	11.64	13.98	14.36
Truck drivers	10.30	10.30	10.59	12.27	12.73
Bus drivers	8.99	10.91	14.36	14.36	14.36
Handlers, equipment cleaners, helpers, and laborers	8.12	8.12	9.45	10.76	16.43
Service	7.48	10.01	12.54	17.29	22.14
Protective service	12.40	12.60	16.51	21.21	22.64

See footnotes at end of table.

Table 6-3. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	State and local government				
	10	25	Median 50	75	90
Service—Continued					
Protective service—Continued					
Supervisors, firefighters and fire prevention	\$15.31	\$17.29	\$18.67	\$21.88	\$22.03
Supervisors, police and detectives	21.36	21.56	25.87	26.01	30.77
Firefighting	11.80	14.07	15.45	15.54	16.62
Police and detectives, public service	16.51	19.07	20.63	22.14	22.64
Sheriffs, bailiffs, and other law enforcement officers	14.12	16.06	16.40	18.11	18.11
Correctional institution officers	10.74	12.53	12.54	12.54	12.54
Food service	6.30	7.21	8.11	9.94	16.74
Other food service	6.30	7.21	8.11	9.94	16.74
Cooks	6.30	7.77	8.72	8.72	10.92
Kitchen workers, food preparation	5.96	8.00	8.11	9.94	11.78
Food preparation, n.e.c.	6.00	6.66	7.46	8.18	8.18
Health service	7.58	8.40	10.91	11.09	11.73
Health aides, except nursing	7.20	7.58	11.09	11.73	11.73
Cleaning and building service	7.23	8.19	10.42	11.96	14.42
Janitors and cleaners	6.93	7.74	10.42	10.44	11.39
Personal service	9.92	10.01	10.10	10.67	11.23
Early childhood teachers' assistants	9.33	10.10	10.67	10.67	10.67

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

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.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$7.50	\$10.13	\$14.65	\$22.14	\$30.73
All excluding sales	7.50	10.12	14.71	22.28	31.25
White collar	10.07	12.84	18.77	26.62	35.48
White collar excluding sales	10.57	13.27	19.96	27.50	36.04
Professional specialty and technical	14.26	18.27	23.78	28.75	36.04
Professional specialty	16.46	21.29	24.83	30.60	36.66
Engineers, architects, and surveyors	21.29	24.68	28.75	33.57	39.37
Electrical and electronic engineers	24.14	25.57	27.63	31.47	37.24
Industrial engineers	17.11	19.99	25.74	26.72	32.67
Mechanical engineers	20.11	21.51	23.54	32.44	33.12
Engineers, n.e.c.	26.24	26.59	32.99	39.37	39.37
Mathematical and computer scientists	21.16	25.79	28.83	34.16	35.75
Computer systems analysts and scientists	22.50	25.79	29.81	34.16	35.55
Natural scientists	19.56	40.58	43.99	52.55	65.60
Geologists and geodesists	38.64	40.58	43.99	52.55	65.60
Health related	15.94	17.25	18.95	21.97	26.12
Registered nurses	16.00	17.82	18.95	21.91	22.82
Teachers, college and university	18.17	23.53	28.20	42.56	51.48
Other post-secondary teachers	18.70	23.99	25.67	35.00	46.00
Teachers, except college and university	20.00	22.77	23.91	25.28	27.50
Prekindergarten and kindergarten	8.00	8.00	21.60	23.20	26.83
Elementary school teachers	20.56	23.11	23.91	24.47	25.93
Secondary school teachers	21.07	23.20	23.99	26.49	28.52
Teachers, special education	20.20	22.52	23.32	24.56	26.84
Teachers, n.e.c.	17.19	20.75	27.50	27.50	27.50
Vocational and educational counselors	11.94	15.34	29.98	35.41	39.22
Librarians, archivists, and curators	11.00	17.16	23.14	23.78	24.04
Librarians	11.00	17.16	23.14	23.78	24.04
Social scientists and urban planners	11.52	19.93	28.37	29.63	30.05
Psychologists	23.21	25.45	28.81	29.63	32.69
Social, recreation, and religious workers	8.03	11.99	14.03	15.23	19.96
Social workers	8.03	12.17	14.29	18.03	22.60
Lawyers and judges	23.97	39.53	44.45	44.45	53.37
Lawyers	23.97	39.53	44.45	44.45	44.45
Writers, authors, entertainers, athletes, and professionals, n.e.c.	12.62	16.10	24.47	36.04	45.34
Designers	11.54	12.62	14.42	22.65	35.09
Editors and reporters	15.84	15.99	16.10	27.38	27.38
Technical	11.54	13.50	16.50	20.85	28.31
Clinical laboratory technologists and technicians	14.28	15.26	15.38	17.31	22.46
Radiological technicians	8.32	13.60	14.39	20.62	28.31
Licensed practical nurses	12.16	13.07	14.00	15.66	17.38
Health technologists and technicians, n.e.c.	8.54	8.94	10.75	13.50	16.90
Electrical and electronic technicians	14.40	16.35	18.93	20.84	24.74
Engineering technicians, n.e.c.	12.84	13.02	13.91	20.89	20.89
Drafters	15.00	15.50	16.97	21.68	23.57
Airplane pilots and navigators	22.09	31.25	88.02	171.06	171.06
Computer programmers	13.39	16.38	19.32	26.82	29.07
Technical and related, n.e.c.	9.30	12.47	16.50	16.83	27.76
Executive, administrative, and managerial	16.32	20.07	27.09	35.75	45.43
Executives, administrators, and managers	20.21	24.83	32.35	41.53	51.58
Administrators and officials, public administration	19.67	24.43	24.62	29.76	37.74
Financial managers	18.11	27.09	35.58	48.95	50.00
Managers, marketing, advertising, and public relations	27.71	36.99	41.62	52.11	64.45
Administrators, education and related fields	19.35	21.85	31.00	34.87	40.83
Managers, medicine and health	20.58	31.20	40.56	41.51	48.32
Managers, service organizations, n.e.c.	9.36	19.04	26.21	33.15	40.41
Managers and administrators, n.e.c.	20.95	24.00	32.13	40.24	51.58
Management related	14.64	16.64	20.19	24.39	30.25
Accountants and auditors	15.81	16.64	18.87	24.24	28.85
Other financial officers	14.88	17.92	18.07	22.00	22.00
Management analysts	17.63	19.43	26.92	33.38	39.24
Personnel, training, and labor relations specialists	13.13	17.95	22.50	26.44	30.25
Purchasing agents and buyers, n.e.c.	12.00	17.58	21.20	24.48	33.24

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Management related—Continued					
Inspectors and compliance officers, except construction	\$16.15	\$16.21	\$16.89	\$21.32	\$21.92
Management related, n.e.c.	16.08	16.41	22.22	28.34	29.99
Sales	7.81	10.39	13.30	18.19	25.39
Supervisors, sales	11.60	13.30	15.63	17.31	24.20
Securities and financial services sales	12.74	12.74	14.75	15.01	17.43
Advertising and related sales	18.74	21.03	23.36	41.32	49.64
Sales, other business services	10.55	11.49	17.79	19.18	28.43
Sales representatives, mining, manufacturing, and wholesale	13.99	16.04	18.15	25.17	45.06
Sales workers, motor vehicles and boats	10.38	13.24	13.24	18.94	30.76
Sales workers, other commodities	7.16	7.46	9.00	9.33	25.75
Cashiers	5.50	6.00	8.40	9.77	10.96
Sales support, n.e.c.	7.00	7.46	10.39	11.82	20.16
Administrative support, including clerical	8.63	10.37	12.38	14.55	17.50
Supervisors, general office	11.43	13.88	17.30	19.87	24.78
Computer operators	12.84	12.84	14.42	16.71	16.82
Secretaries	10.21	11.91	13.07	16.60	18.03
Interviewers	9.64	10.34	10.43	12.23	12.34
Transportation ticket and reservation agents	7.37	10.57	12.54	14.65	15.97
Receptionists	8.00	8.80	11.56	12.47	13.00
Information clerks, n.e.c.	12.11	12.35	13.94	14.47	14.47
Order clerks	9.75	11.55	13.29	13.71	15.91
Personnel clerks, except payroll and timekeeping	10.00	11.24	13.00	16.22	20.54
Records clerks, n.e.c.	7.92	9.36	10.98	13.06	13.22
Bookkeepers, accounting and auditing clerks	9.65	10.99	12.63	15.50	16.89
Billing clerks	8.50	9.85	11.71	17.30	17.30
Telephone operators	8.07	8.07	10.06	10.52	15.34
Dispatchers	8.00	10.00	12.23	15.45	30.82
Traffic, shipping and receiving clerks	7.82	8.45	9.91	13.13	21.13
Stock and inventory clerks	8.94	9.50	12.26	12.50	13.00
Insurance adjusters, examiners, and investigators	9.94	9.94	17.83	21.06	25.53
Investigators and adjusters, except insurance	10.37	10.80	12.09	13.97	13.97
Bill and account collectors	11.08	11.08	11.24	14.06	14.06
General office clerks	8.65	10.00	11.82	12.54	15.18
Data entry keyers	6.55	8.24	9.33	10.94	11.36
Teachers' aides	7.10	8.30	9.50	9.76	10.67
Administrative support, n.e.c.	8.41	10.24	12.45	12.88	15.28
Blue collar	7.50	9.00	11.96	15.68	20.64
Precision production, craft, and repair	9.25	12.11	15.83	19.72	22.19
Supervisors, mechanics and repairers	18.27	19.50	20.12	22.05	25.41
Automobile mechanics	14.00	16.00	16.00	18.01	24.10
Bus, truck, and stationary engine mechanics	9.98	10.22	15.94	16.49	16.72
Industrial machinery repairers	11.67	12.24	15.19	15.90	17.01
Mechanics and repairers, n.e.c.	9.30	12.43	15.43	22.33	22.33
Carpenters	8.90	8.90	10.00	14.37	18.46
Construction trades, n.e.c.	8.50	12.00	12.20	16.30	17.61
Supervisors, production	11.89	16.83	18.35	23.50	24.68
Precision assemblers, metal	12.13	15.65	16.73	19.07	19.19
Sheet metal workers	12.17	13.59	13.59	18.50	21.18
Electrical and electronic equipment assemblers ..	8.03	8.33	9.09	11.86	17.82
Butchers and meat cutters	12.05	13.16	13.16	13.82	14.73
Inspectors, testers, and graders	10.29	13.39	16.17	20.33	20.76
Machine operators, assemblers, and inspectors	6.49	7.92	10.24	13.00	15.05
Fabricating machine operators, n.e.c.	8.56	8.56	9.13	11.78	13.98
Printing press operators	9.50	9.50	13.04	13.13	15.05
Packaging and filling machine operators	9.03	10.00	10.00	12.91	12.91
Extruding and forming machine operators	7.50	7.50	8.94	14.02	17.39
Slicing and cutting machine operators	5.25	7.44	11.79	14.00	15.11

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors					
—Continued					
Miscellaneous machine operators, n.e.c.	\$5.35	\$8.97	\$11.14	\$12.93	\$13.63
Welders and cutters	9.24	10.31	12.49	13.99	14.60
Assemblers	7.79	8.20	10.36	13.79	21.95
Production inspectors, checkers and examiners ..	7.37	7.91	11.07	12.10	12.57
Transportation and material moving					
Truck drivers	10.50	12.00	14.50	17.28	20.64
Bus drivers	11.31	13.49	14.88	17.28	17.49
Industrial truck and tractor equipment operators ..	11.04	11.04	11.04	14.36	16.09
	9.02	10.50	12.20	13.76	15.36
Handlers, equipment cleaners, helpers, and laborers					
Groundskeepers and gardeners, except farm	7.00	7.85	8.76	11.12	13.38
Production helpers	7.00	7.00	7.75	8.59	12.35
Stock handlers and baggers	6.00	7.00	7.25	10.79	11.88
Freight, stock, and material handlers, n.e.c.	7.39	8.63	10.43	11.31	12.28
Vehicle washers and equipment cleaners	7.48	9.42	10.50	18.92	18.92
Hand packers and packagers	7.00	8.50	9.14	12.29	17.22
Laborers, except construction, n.e.c.	6.42	8.84	10.82	11.59	12.23
	6.94	7.50	8.25	9.65	11.30
Service					
Protective service	5.75	6.49	8.18	11.87	18.11
Supervisors, firefighters and fire prevention	7.00	7.70	12.53	18.38	22.14
Supervisors, police and detectives	15.31	17.29	18.67	21.88	22.03
Firefighting	21.36	21.56	25.87	26.01	30.77
Police and detectives, public service	11.80	14.07	15.45	15.54	16.62
Sheriffs, bailiffs, and other law enforcement officers	16.51	19.07	20.63	22.14	22.64
Correctional institution officers	14.12	16.06	16.40	18.11	18.11
Guards and police, except public service	10.74	12.53	12.54	12.54	12.54
Food service	6.36	7.00	7.49	8.31	11.25
Waiters, waitresses, and bartenders	5.15	5.91	6.95	9.80	13.94
Waiters and waitresses	2.13	2.90	5.47	6.73	11.87
Waiters/Waitresses' assistants	2.13	2.13	2.90	3.89	6.73
Other food service	5.24	6.13	6.50	11.87	11.87
Supervisors, food preparation and service	5.60	6.00	7.21	9.80	14.71
Cooks	10.00	11.75	14.68	14.71	16.74
Food counter, fountain, and related	5.50	6.18	7.72	8.75	9.42
Kitchen workers, food preparation	5.45	6.00	6.07	7.00	7.21
Food preparation, n.e.c.	5.97	7.70	8.18	9.80	9.94
Health service	5.50	5.75	5.96	7.04	7.36
Health aides, except nursing	6.38	7.24	8.13	10.06	10.91
Nursing aides, orderlies and attendants	7.58	8.20	9.00	9.00	11.09
Cleaning and building service	6.38	7.12	7.92	10.06	10.06
Supervisors, cleaning and building service workers	5.75	6.35	7.25	10.12	13.59
Maids and housemen	8.23	10.12	14.42	14.42	18.50
Janitors and cleaners	5.70	6.00	6.85	6.97	6.97
Personal service	5.75	6.33	7.39	9.93	11.38
Early childhood teachers' assistants	4.20	6.75	10.01	30.23	46.17
	7.50	7.55	10.67	10.67	10.67

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

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.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-5. Hourly wage percentiles for establishment jobs¹, part-time workers:² Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$5.15	\$5.75	\$7.12	\$9.00	\$16.45
All excluding sales	5.15	5.50	7.15	9.52	17.00
White collar	6.01	6.60	8.00	10.98	21.00
White collar excluding sales	6.73	8.69	10.90	18.99	31.32
Professional specialty and technical	12.22	17.55	20.00	25.07	50.83
Professional specialty	9.43	18.36	21.00	31.32	50.83
Mathematical and computer scientists	—	—	—	—	—
Health related	18.36	20.00	21.00	34.80	50.83
Registered nurses	18.09	18.50	20.00	21.00	21.00
Teachers, college and university	12.22	17.55	23.53	31.32	31.32
Other post-secondary teachers	12.22	17.55	23.53	31.32	31.32
Teachers, except college and university	6.20	8.13	8.61	16.03	21.00
Teachers, n.e.c.	8.61	8.61	8.61	16.33	20.00
Librarians, archivists, and curators	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	13.16	14.00	17.56	17.86	18.50
Executive, administrative, and managerial	—	—	—	—	—
Executives, administrators, and managers	—	—	—	—	—
Management related	—	—	—	—	—
Sales	5.97	6.22	7.05	7.98	10.82
Sales workers, other commodities	6.20	6.42	7.12	7.79	8.85
Cashiers	5.97	6.21	6.22	7.20	7.20
Administrative support, including clerical	6.58	7.86	8.76	10.00	11.59
General office clerks	5.15	6.58	8.76	9.00	9.00
Blue collar	5.61	6.39	8.00	9.75	16.45
Precision production, craft, and repair	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	5.75	7.50	8.91	16.45	16.45
Handlers, equipment cleaners, helpers, and laborers	5.39	6.16	7.15	9.30	11.34
Stock handlers and baggers	5.34	5.39	6.38	7.68	8.26
Laborers, except construction, n.e.c.	6.16	6.16	7.95	8.00	17.00
Service	2.41	5.15	5.50	6.90	8.00
Protective service	5.50	7.00	7.17	8.77	13.03
Guards and police, except public service	5.50	7.00	7.25	8.77	13.03
Food service	2.13	2.41	5.24	6.68	7.49
Waiters, waitresses, and bartenders	2.13	2.13	2.41	5.15	5.24
Waiters and waitresses	2.13	2.13	2.41	5.15	5.15
Other food service	2.95	5.59	6.68	7.19	7.97
Kitchen workers, food preparation	5.96	6.68	6.75	8.00	8.11
Food preparation, n.e.c.	5.50	5.59	6.27	7.00	7.49
Health service	5.50	6.89	8.50	8.58	10.00
Nursing aides, orderlies and attendants	5.50	6.89	8.50	8.58	10.00
Cleaning and building service	5.15	5.15	5.43	5.68	6.00
Janitors and cleaners	5.15	5.15	5.43	5.68	6.00
Personal service	5.15	5.15	5.75	7.40	8.00

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

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.

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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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.

Sampling frame

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

Sample design

The sample for this survey area was selected using a two-stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy that were not selected for collection. See appendix table 2 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 multistep process:

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

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

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

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

The number of jobs 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.

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

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

Each factor contains a number of levels, and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on the written description that best matched the job. Within each occupation, the points for nine factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. Appendix table 3 presents median 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 notably knowledge and supervision received, had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased. For addi-

tional information on generic leveling see Brooks Pierce, "Using the National Compensation Survey to Predict Wage Rates," *Compensation and Working Conditions*, Winter 1999, pp. 8–16.

Collection period

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

Earnings

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

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

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

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

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

Definition of terms

Full-time worker. Any employee that the employer consid-

ers to be full time.

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

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

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

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

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

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

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

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

Processing and analyzing the data

Data were processed and analyzed at the 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 nonre-

sponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group and job level.

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

Survey response

	<i>Establish- ments</i>
Total in sample	640
Responding	411
Out of business or not in survey scope	56
Unable or refused to provide data	173

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

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

The published 10th, 25th, 50th, 75th, and 90th percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile, 10 percent of a published occupation's employment is in sampled establishment jobs that had average hourly wages at the 10th percentile or less for that occupation. Note that the percentiles in previous NCS bulletins for this area were calculated from individual-worker earnings rather than from average wages for sampled establishment jobs. Data users should keep this difference in mind.

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 suf-

ficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

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

Data reliability

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

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

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

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$12.79, with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for 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 1999**

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	1,156,000	951,700	204,300
All excluding sales	1,062,900	858,800	204,100
White collar	652,900	511,000	142,000
White-collar excluding sales	559,900	418,100	141,800
Professional specialty and technical	274,000	179,700	94,300
Professional specialty	219,100	131,800	87,300
Technical	54,900	47,900	7,000
Executive, administrative, and managerial	109,600	93,100	16,500
Sales	93,100	92,900	–
Administrative support, including clerical	176,200	145,300	31,000
Blue collar	308,100	289,800	18,400
Precision production, craft, and repair	81,200	72,100	9,200
Machine operators, assemblers, and inspectors	83,000	83,000	–
Transportation and material moving	55,700	49,200	6,400
Handlers, equipment cleaners, helpers, and laborers	88,200	85,400	2,800
Service	194,900	151,000	44,000

¹ The number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers 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. IN THIS SURVEY, THE NONRESPONSE RATE FOR PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

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 1999**

Industry	Number of establishments represented ¹	Number of establishments studied				
		Total studied	50 - 99 workers ²	100 workers or more		
				Total	100 - 499 workers	500 workers or more
All industries	6,200	411	94	317	164	153
Private industry	6,000	343	94	249	147	102
Goods-producing industries	1,300	90	13	77	44	33
Mining	(³)	6	-	6	2	4
Construction	300	7	3	4	4	-
Manufacturing	1,000	77	10	67	38	29
Service-producing industries	4,800	253	81	172	103	69
Transportation and public utilities	400	37	4	33	11	22
Wholesale and retail trade	2,000	77	34	43	30	13
Finance, insurance and real estate	600	19	8	11	7	4
Services	1,800	120	35	85	55	30
State and local government	200	68	-	68	17	51

¹ Number of establishments represented by the survey rounded to the nearest 100.

² Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

³ 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.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999**

Occupation ²	All workers	Full-time workers	Part-time workers
All	5	5	2
All excluding sales	5	5	2
White collar	7	7	3
White collar excluding sales	8	8	5
Professional specialty and technical	8	8	8
Professional specialty	8	8	8
Engineers, architects, and surveyors	9	9	—
Electrical and electronic engineers	9	9	—
Industrial engineers	9	9	—
Mechanical engineers	8	8	—
Engineers, n.e.c.	10	10	—
Mathematical and computer scientists	10	10	—
Computer systems analysts and scientists	11	11	—
Natural scientists	12	12	—
Geologists and geodesists	12	12	—
Health related	8	8	8
Registered nurses	8	8	8
Pharmacists	7	—	—
Teachers, college and university	11	11	11
Other post-secondary teachers	11	11	11
Teachers, except college and university	8	8	5
Prekindergarten and kindergarten	8	8	—
Elementary school teachers	8	8	—
Secondary school teachers	8	8	—
Teachers, special education	8	8	—
Teachers, n.e.c.	9	9	7
Vocational and educational counselors	10	10	—
Librarians, archivists, and curators	9	9	—
Librarians	9	9	—
Social scientists and urban planners	9	9	—
Psychologists	10	10	—
Social, recreation, and religious workers	8	8	—
Social workers	7	7	—
Lawyers and judges	11	11	—
Lawyers	11	11	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	9	9	—
Designers	8	8	—
Editors and reporters	8	8	—
Technical	7	7	6
Clinical laboratory technologists and technicians	8	8	—
Radiological technicians	6	6	—
Licensed practical nurses	5	5	—
Health technologists and technicians, n.e.c.	4	4	—
Electrical and electronic technicians	7	7	—
Engineering technicians, n.e.c.	7	7	—
Drafters	7	7	—
Airplane pilots and navigators	11	11	—
Computer programmers	7	7	—
Technical and related, n.e.c.	7	7	—
Executive, administrative, and managerial	10	10	—
Executives, administrators, and managers	11	11	—
Administrators and officials, public administration	11	11	—
Financial managers	11	11	—
Managers, marketing, advertising, and public relations	12	12	—
Administrators, education and related fields	11	11	—
Managers, medicine and health	12	12	—
Managers, service organizations, n.e.c.	9	9	—
Managers and administrators, n.e.c.	11	11	—
Management related	8	8	—
Accountants and auditors	8	8	—
Other financial officers	8	8	—
Management analysts	10	10	—
Personnel, training, and labor relations specialists	8	8	—
Purchasing agents and buyers, n.e.c.	8	8	—
Inspectors and compliance officers, except construction	6	6	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
White collar —Continued			
Executive, administrative, and managerial —Continued			
Management related —Continued			
Management related, n.e.c.	8	8	—
Sales	3	5	2
Supervisors, sales	7	7	—
Securities and financial services sales	6	6	—
Advertising and related sales	10	10	—
Sales, other business services	6	6	—
Sales representatives, mining, manufacturing, and wholesale	8	8	—
Sales workers, motor vehicles and boats	3	3	—
Sales workers, apparel	3	—	—
Sales workers, other commodities	2	4	2
Cashiers	1	3	1
Sales support, n.e.c.	4	4	—
Administrative support, including clerical	4	4	3
Supervisors, general office	7	7	—
Computer operators	4	4	—
Secretaries	5	5	—
Interviewers	4	4	—
Transportation ticket and reservation agents	4	4	—
Receptionists	3	3	—
Information clerks, n.e.c.	4	5	—
Order clerks	4	4	—
Personnel clerks, except payroll and timekeeping	5	5	—
Library clerks	3	—	—
Records clerks, n.e.c.	4	4	—
Bookkeepers, accounting and auditing clerks	4	4	—
Billing clerks	5	5	—
Telephone operators	3	3	—
Mail clerks, except postal service	2	—	—
Dispatchers	4	4	—
Traffic, shipping and receiving clerks	3	3	—
Stock and inventory clerks	4	4	—
Material recording, scheduling, and distribution clerks, n.e.c.	4	—	—
Insurance adjusters, examiners, and investigators	7	7	—
Investigators and adjusters, except insurance	5	5	—
Bill and account collectors	5	5	—
General office clerks	4	4	2
Bank tellers	3	—	—
Data entry keyers	3	3	—
Teachers' aides	3	3	—
Administrative support, n.e.c.	4	5	—
Blue collar	3	4	2
Precision production, craft, and repair	6	6	—
Supervisors, mechanics and repairers	8	8	—
Automobile mechanics	7	7	—
Bus, truck, and stationary engine mechanics	6	6	—
Industrial machinery repairers	6	6	—
Mechanics and repairers, n.e.c.	6	6	—
Carpenters	6	6	—
Construction trades, n.e.c.	7	7	—
Supervisors, production	8	8	—
Precision assemblers, metal	6	6	—
Sheet metal workers	6	6	—
Electrical and electronic equipment assemblers	2	2	—
Butchers and meat cutters	5	5	—
Inspectors, testers, and graders	6	6	—
Machine operators, assemblers, and inspectors	3	3	—
Fabricating machine operators, n.e.c.	3	3	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:**¹ **Selected occupations, all industries, National Compensation Survey, Dallas-Fort Worth, TX, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Blue collar —Continued			
Machine operators, assemblers, and inspectors —Continued			
Printing press operators	3	3	—
Packaging and filling machine operators	3	3	—
Extruding and forming machine operators	2	2	—
Slicing and cutting machine operators	4	4	—
Miscellaneous machine operators, n.e.c.	4	4	—
Welders and cutters	5	5	—
Assemblers	2	3	—
Production inspectors, checkers and examiners	3	3	—
Transportation and material moving	4	4	3
Truck drivers	4	4	—
Bus drivers	3	2	—
Industrial truck and tractor equipment operators	3	3	—
Handlers, equipment cleaners, helpers, and laborers	2	2	1
Groundskeepers and gardeners, except farm	1	1	—
Construction laborers	2	—	—
Production helpers	3	3	—
Stock handlers and baggers	2	3	1
Freight, stock, and material handlers, n.e.c.	3	3	—
Vehicle washers and equipment cleaners	1	1	—
Hand packers and packagers	2	2	—
Laborers, except construction, n.e.c.	1	1	1
Service	2	3	1
Protective service	4	5	2
Supervisors, firefighters and fire prevention	8	8	—
Supervisors, police and detectives	10	10	—
Firefighting	7	7	—
Police and detectives, public service	7	7	—
Sheriffs, bailiffs, and other law enforcement officers	6	6	—
Correctional institution officers	5	5	—
Guards and police, except public service	1	1	3
Food service	2	2	2
Waiters, waitresses, and bartenders	2	3	2
Waiters and waitresses	3	3	2
Waiters/Waitresses' assistants	1	1	—
Other food service	2	2	1
Supervisors, food preparation and service	5	6	—
Cooks	3	3	—
Food counter, fountain, and related	1	1	—
Kitchen workers, food preparation	1	2	1
Food preparation, n.e.c.	1	1	2
Health service	3	2	3
Health aides, except nursing	3	3	—
Nursing aides, orderlies and attendants	2	2	3
Cleaning and building service	1	1	1
Supervisors, cleaning and building service workers	5	5	—
Maids and housemen	1	1	—
Janitors and cleaners	1	1	1
Personal service	2	3	2
Early childhood teachers' assistants	2	3	—
Service, n.e.c.	3	—	—

¹ 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.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. The occupations titled authors,

musicians, actors, painters, photographers, dancers, artists, athletes, and legislators cannot be assigned a work level. See appendix B for more information.

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