

National Compensation Survey: Occupational Wages in the West North Central Census Division, March 2001



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Preface

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

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

This bulletin presents aggregated pay data from the metropolitan and nonmetropolitan local area surveys conducted in the West North Central census division. (See Technical Note.) It provides estimates of occupational pay for the census division, as well as selected data by worker and establishment characteristics.

NCS bulletins were published for eight census divisions: New England, Middle Atlantic, East North Central, West North Central, South Atlantic, West South Central, Mountain, and Pacific. Estimates for the East South Central census division did not meet publishability standards.

For additional information regarding this survey, contact the information staff in the BLS National Office at (202) 691-6199. You may also write to the Bureau of Labor Statistics, Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212-0001, or send e-mail to OCLTINFO@bls.gov.

BLS field economists collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication. The survey could not have been conducted without the cooperation of the many private and government jurisdictions that provided pay data included in this bulletin. BLS thanks these respondents for their cooperation.

The data presented in this bulletin also are displayed in a Portable Document Format (PDF) on the BLS Internet site at <http://www.bls.gov/ncs/home.htm>. Material in the bulletin is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: 1-800-877-8339.

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Occupational Wages in the West North Central Census Division, March 2001

This bulletin provides March 2001 National Compensation Survey (NCS) estimates of occupational pay in the West North Central census division. The bulletin highlights average (mean) hourly pay for workers by seven characteristics:

- Private industry and State and local government
- Metropolitan and nonmetropolitan areas
- Selected occupations and major occupational groups
- Full-time and part-time status
- Bargaining status
- Size of establishment
- Work level

Wages in the West North Central census division averaged \$14.99 per hour in March 2001. Workers in private industry in the West North Central region averaged \$14.14 per hour, while pay of workers in State and local government averaged \$19.49 per hour. The nationwide hourly average for all workers covered by the survey was \$16.23.

Table 1 provides an overview of average pay for workers in private industry and State and local government by selected worker and establishment characteristics. For example, white-collar workers in private industry averaged \$16.85 per hour; blue-collar workers averaged \$13.36; and service workers averaged \$8.49. Corresponding averages in State and local government were \$21.77, \$15.28, and \$13.79. Generally, average hourly earnings for private industry workers were lower than those for State and local government workers. Part of this difference can be explained by differences in the occupational and industrial mix of the two sectors. For example, professional specialty and technical occupations are more prevalent in State and local government than in private industry. Conversely, few State and local government workers are in goods-producing industries other than construction.

Full-time workers in the West North Central region averaged \$15.93 per hour, while part-time workers averaged \$8.57. In private industry, full-time workers averaged \$15.10 an hour and part-time workers averaged \$8.20. For workers in State and local government, average hourly pay was \$20.02 and \$12.49, respectively. Full-time or part-time designation is based on the employer's definition of those terms.

Workers in the largest establishments in the region—those with 2,500 or more employees—earned \$20.38 per hour. Workers in the smallest establishments (1 to 99

employees) averaged \$13.06.

Table 2 provides an overview of average pay data by worker and establishment characteristics in metropolitan and nonmetropolitan areas in the West North Central region. For example, white-collar workers in metropolitan areas averaged \$18.34 per hour, blue-collar workers averaged \$13.74, and service workers averaged \$9.39. Corresponding averages in nonmetropolitan areas were \$15.57, \$12.46, and \$9.73. See the Technical Note for definitions of metropolitan and nonmetropolitan areas.

Among the census divisions, average earnings generally were highest in the New England, Middle Atlantic, and Pacific regions. Average earnings for the census divisions, and for other characteristics, can be seen in tables 1 and 2.

Full-time, part-time, and combined average pay rates for occupations in private industry and in State and local governments in the West North Central region are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for individual occupations and for the major occupational groups. For example, all registered nurses averaged \$20.00 per hour (table 3). Registered nurses in private industry averaged \$19.33 (table 4), while their counterparts in State and local government averaged \$21.99 per hour (table 5). Laborers, except construction, averaged \$9.74 in private industry and \$11.87 in State and local government. Janitors and cleaners, a service occupation, averaged \$9.07 in private industry and \$11.17 in State and local government.

Earnings by occupational group and work level are shown in table 6. Generally, earnings increased as work levels became higher. For example, mean hourly earnings for white-collar workers ranged from \$7.15 at level 1 to \$59.58 at level 14. For blue-collar workers mean hourly earnings ranged from \$8.73 at level 1 to \$22.63 at level 9. Mean hourly earnings for service workers ranged from \$6.82 at level 1 to \$23.86 at level 10. BLS applies an "occupational leveling" technique with 10 criteria to determine the work level. The Technical Note has more information on occupational leveling.

Table A in the Technical Note shows the number of workers represented by the surveys in the West North Central census division by major occupational group, such as professional specialty and technical, sales, and transportation and material moving. Table B shows the number of establishments studied in the West North Central census division by employment size; more establishments were studied in the group having 100 to 499 workers than in any other size category.

TABLE 1. Summary, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² March 2001

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$14.99	3.5	35.4	\$14.14	3.4	35.1	\$19.49	2.9	37.0
Worker characteristics:⁴									
White-collar occupations ⁵	17.96	4.4	35.9	16.85	5.3	35.5	21.77	2.8	37.4
Professional specialty and technical ...	22.23	2.2	36.4	20.72	3.2	35.9	24.49	1.8	37.2
Executive, administrative, and managerial	28.48	12.0	41.3	28.45	14.6	41.7	28.60	7.8	39.8
Sales	12.23	6.0	31.0	12.24	6.0	31.1	9.75	9.2	19.2
Administrative support	11.87	3.4	36.8	11.53	3.1	36.7	13.17	7.2	37.1
Blue-collar occupations ⁵	13.46	2.8	38.0	13.36	2.9	38.1	15.28	2.5	36.5
Precision production, craft, and repair	16.87	3.3	39.9	16.84	3.7	39.9	17.31	2.9	40.0
Machine operators, assemblers, and inspectors	12.90	4.8	38.8	12.90	4.8	38.8	—	—	—
Transportation and material moving ...	12.68	4.8	37.4	12.58	5.1	37.8	13.86	5.2	33.3
Handlers, equipment cleaners, helpers, and laborers	10.27	2.4	35.7	10.14	2.4	35.7	13.08	5.3	34.7
Service occupations ⁵	9.48	4.3	29.8	8.49	4.1	28.7	13.79	3.4	35.8
Full time	15.93	3.8	40.0	15.10	3.8	40.1	20.02	2.6	39.4
Part time	8.57	2.8	19.9	8.20	2.8	19.8	12.49	5.6	20.4
Union	17.94	1.6	37.7	17.18	2.5	37.9	19.43	3.9	37.4
Nonunion	14.41	4.2	34.9	13.69	3.9	34.7	19.52	3.4	36.8
Time	14.57	2.9	35.1	13.58	2.0	34.8	19.49	2.9	37.0
Incentive	22.27	24.3	39.8	22.27	24.3	39.8	—	—	—
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	15.42	3.8	39.4	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	13.60	4.4	33.5	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	13.06	6.6	33.4	12.99	6.7	33.5	18.10	15.4	30.5
100 to 499 workers	14.87	2.5	36.0	14.46	2.8	35.9	17.61	4.1	36.3
500 to 999 workers	16.53	4.5	37.8	15.86	5.5	38.2	19.97	3.4	36.0
1,000 to 2,499 workers	15.20	7.2	37.0	14.15	8.2	37.3	19.64	3.3	35.5
2,500 workers or more	20.38	2.6	38.1	20.54	4.5	37.3	20.30	3.4	38.5
Geographic areas:⁸									
Metropolitan	15.46	4.0	35.0	14.64	3.9	34.6	19.93	2.9	37.3
Nonmetropolitan	12.93	4.0	36.9	11.90	4.0	37.1	17.79	5.9	35.7
New England	17.54	1.7	35.4	16.88	2.4	35.4	23.06	1.6	35.5
Middle Atlantic	18.72	3.2	34.7	17.88	3.9	34.5	23.42	1.7	35.4
East North Central	16.08	2.5	35.8	15.32	2.6	35.8	21.53	2.2	35.9
West North Central	14.99	3.5	35.4	14.14	3.4	35.1	19.49	2.9	37.0
South Atlantic	15.24	2.6	36.5	14.66	3.4	36.2	18.12	1.6	38.1
East South Central	—	—	—	—	—	—	—	—	—
West South Central	15.07	3.5	36.9	14.57	4.2	36.6	17.46	1.8	38.3
Mountain	14.70	3.6	35.7	13.78	4.1	35.5	20.22	2.8	37.3
Pacific	17.64	1.7	35.6	16.52	2.3	35.5	23.70	1.4	35.7

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

² In this census division, collection was conducted between March 2000 and January 2002. The average reference period was March 2001.

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

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 Technical Note for more information.

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

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

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

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

TABLE 2. Summary, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ March 2001

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$14.99	3.5	35.4	\$15.46	4.0	35.0	\$12.93	4.0	36.9
Private Industry	14.14	3.4	35.1	14.64	3.9	34.6	11.90	4.0	37.1
State and local government	19.49	2.9	37.0	19.93	2.9	37.3	17.79	5.9	35.7
Worker characteristics:⁵									
White-collar occupations ⁶	17.96	4.4	35.9	18.34	4.8	35.8	15.57	5.4	36.6
Professional specialty and technical ...	22.23	2.2	36.4	22.78	2.5	36.4	19.65	3.2	36.7
Executive, administrative, and managerial	28.48	12.0	41.3	29.20	12.8	41.4	21.54	13.3	40.5
Sales	12.23	6.0	31.0	12.28	6.5	30.7	11.76	7.0	35.7
Administrative support	11.87	3.4	36.8	12.18	3.4	36.9	10.15	7.5	35.8
Blue-collar occupations ⁶	13.46	2.8	38.0	13.74	3.0	38.0	12.46	7.3	38.3
Precision production, craft, and repair Machine operators, assemblers, and inspectors	16.87	3.3	39.9	17.30	3.5	39.9	14.79	4.6	40.2
Transportation and material moving ...	12.90	4.8	38.8	13.44	5.0	38.5	12.01	9.9	39.4
Handlers, equipment cleaners, helpers, and laborers	12.68	4.8	37.4	12.51	5.3	37.3	13.88	6.5	38.1
Service occupations ⁶	10.27	2.4	35.7	10.34	2.6	35.9	9.98	6.1	34.8
.....	9.48	4.3	29.8	9.39	5.2	28.3	9.73	4.3	35.2
Full time	15.93	3.8	40.0	16.55	4.3	40.0	13.37	4.3	39.8
Part time	8.57	2.8	19.9	8.55	3.2	19.6	8.73	3.0	21.8
Union	17.94	1.6	37.7	18.33	2.0	37.5	16.34	2.3	38.4
Nonunion	14.41	4.2	34.9	14.91	4.8	34.6	12.23	4.2	36.6
Time	14.57	2.9	35.1	14.98	3.2	34.8	12.87	3.7	36.8
Incentive	22.27	24.3	39.8	22.72	25.4	39.5	-	-	-
Establishment characteristics:									
Goods producing ⁷	15.42	3.8	39.4	16.24	4.3	39.2	12.89	7.1	39.8
Service producing ⁷	13.60	4.4	33.5	14.04	5.0	33.1	11.26	4.4	35.6
1 to 99 workers ⁸	13.06	6.6	33.4	13.06	7.0	33.3	13.00	8.0	35.4
100 to 499 workers	14.87	2.5	36.0	15.66	2.6	35.6	13.32	5.4	36.7
500 to 999 workers	16.53	4.5	37.8	17.40	5.8	38.3	14.56	3.8	36.7
1,000 to 2,499 workers	15.20	7.2	37.0	17.97	4.7	35.9	10.80	6.6	38.7
2,500 workers or more	20.38	2.6	38.1	20.38	2.6	38.1	-	-	-
Geographic areas:⁹									
New England	17.54	1.7	35.4	17.69	1.6	35.4	15.57	6.9	34.7
Middle Atlantic	18.72	3.2	34.7	18.77	3.3	34.6	16.63	6.5	36.0
East North Central	16.08	2.5	35.8	16.12	2.7	35.8	15.68	3.1	36.5
West North Central	14.99	3.5	35.4	15.46	4.0	35.0	12.93	4.0	36.9
South Atlantic	15.24	2.6	36.5	15.46	2.8	36.4	13.34	4.8	37.5
East South Central	-	-	-	-	-	-	-	-	-
West South Central	15.07	3.5	36.9	15.12	3.8	36.9	14.45	3.1	36.8
Mountain	14.70	3.6	35.7	14.41	3.9	35.6	17.56	3.4	36.9
Pacific	17.64	1.7	35.6	17.63	1.7	35.5	-	-	-

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

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

³ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was March 2001.

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

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

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

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

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

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

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

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

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.99	3.5	35.4	\$15.93	3.8	40.0	\$8.57	2.8	19.9
All, excluding sales	15.29	3.6	35.9	16.08	3.8	39.9	9.05	3.7	20.1
White collar	17.96	4.4	35.9	18.93	4.5	40.0	10.09	4.9	19.6
White collar, excluding sales	19.44	4.4	37.4	19.87	4.5	39.9	13.47	7.3	20.2
Professional specialty and technical	22.23	2.2	36.4	22.54	2.2	39.5	18.37	8.3	18.6
Professional specialty	23.84	2.4	37.1	24.07	2.4	39.5	20.34	11.4	19.6
Engineers, architects, and surveyors	27.16	9.2	40.4	27.16	9.2	40.4	-	-	-
Civil engineers	32.86	5.7	40.2	32.86	5.7	40.2	-	-	-
Electrical and electronic engineers	28.48	3.8	40.7	28.48	3.8	40.7	-	-	-
Industrial engineers	26.62	2.6	41.7	26.62	2.6	41.7	-	-	-
Mechanical engineers	30.07	3.7	40.1	30.07	3.7	40.1	-	-	-
Engineers, n.e.c.	24.70	17.6	40.0	24.70	17.6	40.0	-	-	-
Mathematical and computer scientists	27.24	3.3	40.5	27.24	3.3	40.5	-	-	-
Computer systems analysts and scientists	27.34	3.6	40.5	27.34	3.6	40.5	-	-	-
Operations and systems researchers and analysts	23.79	6.8	40.0	23.79	6.8	40.0	-	-	-
Natural scientists	19.97	3.5	40.1	19.97	3.5	40.1	-	-	-
Chemists, except biochemists	20.03	16.3	40.0	20.03	16.3	40.0	-	-	-
Physical scientists, n.e.c.	29.71	11.3	40.0	29.71	11.3	40.0	-	-	-
Biological and life scientists	18.95	4.7	40.0	18.95	4.7	40.0	-	-	-
Health related	21.66	2.5	35.4	21.55	2.9	39.7	22.37	3.2	21.2
Physicians	31.08	31.9	40.5	30.17	31.8	41.4	-	-	-
Registered nurses	20.00	2.8	34.6	19.72	3.0	39.5	21.40	2.2	21.4
Pharmacists	31.92	4.2	38.2	32.80	3.4	40.2	-	-	-
Dietitians	14.11	12.0	29.3	-	-	-	-	-	-
Respiratory therapists	18.17	11.8	39.2	18.17	11.8	39.2	-	-	-
Occupational therapists	20.92	7.8	36.5	20.74	8.7	39.2	-	-	-
Physical therapists	25.00	7.3	36.3	-	-	-	-	-	-
Speech therapists	27.72	4.1	35.4	27.72	4.1	36.4	-	-	-
Therapists, n.e.c.	16.93	7.3	40.0	16.93	7.3	40.0	-	-	-
Physicians' assistants	26.02	11.0	40.0	26.02	11.0	40.0	-	-	-
Teachers, college and university	36.03	12.7	36.7	36.61	11.9	39.6	20.34	16.8	12.1
Chemistry teachers	32.50	3.2	40.2	32.50	3.2	40.2	-	-	-
Social science teachers, n.e.c.	31.56	1.2	39.3	31.55	1.2	39.6	-	-	-
Mathematical science teachers	29.86	19.7	39.9	29.86	19.7	39.9	-	-	-
Medical science teachers	29.94	17.3	39.1	30.02	17.3	40.2	-	-	-
Health specialties teachers	25.92	3.5	39.6	25.93	3.5	40.3	-	-	-
Business, commerce, and marketing teachers ..	40.86	2.4	30.0	-	-	-	-	-	-
Art, drama, and music teachers	37.88	13.1	37.6	38.57	12.6	40.3	-	-	-
Education teachers	24.48	7.7	25.2	-	-	-	-	-	-
English teachers	26.68	7.1	29.9	-	-	-	-	-	-
Theology teachers	38.70	2.8	39.9	-	-	-	-	-	-
Trade and industrial teachers	31.49	2.9	37.2	31.49	2.9	37.3	-	-	-
Other post-secondary teachers	26.68	8.0	33.0	26.74	8.6	38.5	25.90	6.8	12.0
Teachers, except college and university	25.23	2.5	34.7	25.75	2.9	37.3	16.25	18.7	16.0
Prekindergarten and kindergarten	16.41	16.8	29.9	19.63	14.1	37.5	-	-	-
Elementary school teachers	27.78	3.0	36.3	27.82	3.1	36.7	23.45	10.2	16.5
Secondary school teachers	27.12	3.9	36.1	26.83	4.0	37.2	33.97	9.0	20.8
Teachers, special education	25.59	8.0	37.7	25.59	8.0	37.7	-	-	-
Teachers, n.e.c.	22.65	6.5	33.4	23.41	5.6	37.8	13.64	19.7	14.1
Substitute teachers	10.57	7.0	10.4	-	-	-	10.57	7.0	10.4
Vocational and educational counselors	16.40	14.9	37.8	16.36	14.9	39.7	-	-	-
Librarians, archivists, and curators	19.96	15.1	38.4	20.01	15.3	38.9	16.01	7.6	19.2
Librarians	19.96	15.1	38.4	20.01	15.3	38.9	16.01	7.6	19.2
Social scientists and urban planners	24.34	3.1	39.8	24.34	3.1	39.8	-	-	-
Economists	24.46	4.6	40.0	24.46	4.6	40.0	-	-	-
Psychologists	25.06	3.8	39.7	25.06	3.8	39.7	-	-	-
Social, recreation, and religious workers	15.17	3.1	39.2	15.16	3.2	40.0	15.58	6.9	22.8
Social workers	15.14	3.1	39.3	15.14	3.2	40.0	15.33	6.9	22.8
Lawyers and judges	30.65	8.1	41.6	30.73	8.3	43.9	-	-	-
Lawyers	29.32	5.3	41.7	29.35	5.3	44.2	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	18.33	14.1	34.7	17.91	9.5	40.2	20.06	45.3	22.0

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Designers	—	—	—	\$12.56	18.7	40.0	—	—	—
Actors and directors	\$11.86	11.1	36.0	—	—	—	—	—	—
Painters, sculptors, craft artists, and artist printmakers	16.16	3.5	39.9	16.16	3.5	39.9	—	—	—
Editors and reporters	20.77	5.1	39.7	21.13	5.7	40.8	—	—	—
Public relations specialists	19.27	20.3	40.1	19.27	20.3	40.1	—	—	—
Athletes	15.37	11.4	28.7	16.23	17.2	40.0	—	—	—
Professional, n.e.c.	35.00	16.3	40.3	28.27	15.1	40.4	—	—	—
Technical	16.79	7.3	34.2	17.04	7.4	39.8	\$15.01	7.9	17.1
Clinical laboratory technologists and technicians	12.95	8.0	39.2	12.89	8.0	39.8	—	—	—
Radiological technicians	20.02	10.3	34.9	20.28	11.5	39.8	18.38	6.1	19.3
Licensed practical nurses	12.73	3.0	34.4	12.53	3.5	39.4	13.54	5.2	22.8
Health technologists and technicians, n.e.c.	12.38	6.6	34.4	12.64	8.1	39.7	11.48	7.3	23.5
Electrical and electronic technicians	17.27	3.2	39.9	17.25	3.2	40.0	—	—	—
Engineering technicians, n.e.c.	19.16	4.6	39.7	19.23	4.4	39.9	—	—	—
Drafters	17.78	3.4	39.2	17.59	3.6	40.0	—	—	—
Chemical technicians	18.95	3.4	40.0	18.95	3.4	40.0	—	—	—
Science technicians, n.e.c.	15.73	1.0	40.0	15.73	1.0	40.0	—	—	—
Computer programmers	22.80	5.3	39.8	23.41	4.5	40.8	—	—	—
Legal assistants	18.94	10.8	39.0	19.05	10.8	39.6	—	—	—
Technical and related, n.e.c.	16.94	3.5	33.1	16.91	5.0	39.9	—	—	—
Executive, administrative, and managerial	28.48	12.0	41.3	28.50	12.0	41.7	18.28	14.3	8.4
Executives, administrators, and managers	31.91	16.2	42.2	31.94	16.2	42.4	16.74	13.2	14.6
Administrators and officials, public administration	24.88	5.1	40.7	24.83	5.1	40.9	—	—	—
Financial managers	56.55	32.6	42.0	56.55	32.6	42.0	—	—	—
Personnel and labor relations managers	30.81	4.1	42.1	30.81	4.1	42.1	—	—	—
Managers, marketing, advertising, and public relations	38.60	8.7	40.7	38.60	8.7	40.7	—	—	—
Administrators, education and related fields	29.50	14.2	40.1	29.63	14.4	40.3	—	—	—
Managers, medicine and health	29.05	3.2	40.2	29.05	3.2	40.2	—	—	—
Managers, food servicing and lodging establishments	16.98	11.1	44.1	17.17	11.2	44.8	—	—	—
Managers, properties and real estate	17.71	11.9	39.9	17.71	11.9	39.9	—	—	—
Managers, service organizations, n.e.c.	17.46	13.8	40.3	17.46	13.8	40.3	—	—	—
Managers and administrators, n.e.c.	25.71	7.9	43.5	25.71	7.9	43.5	—	—	—
Management related	19.84	6.4	39.3	19.83	6.4	40.1	—	—	—
Accountants and auditors	22.96	11.4	39.7	22.96	11.4	39.7	—	—	—
Underwriters	22.29	15.6	39.7	22.29	15.6	39.7	—	—	—
Other financial officers	14.88	24.5	40.2	14.88	24.5	40.3	—	—	—
Management analysts	22.19	8.5	40.1	22.25	8.5	40.3	—	—	—
Personnel, training, and labor relations specialists	17.67	8.7	40.0	17.67	8.7	40.1	—	—	—
Buyers, wholesale and retail trade, except farm products	22.72	7.9	41.3	22.72	7.9	41.3	—	—	—
Purchasing agents and buyers, n.e.c.	20.30	9.8	40.4	20.30	9.8	40.4	—	—	—
Construction inspectors	19.07	6.1	40.0	19.07	6.1	40.0	—	—	—
Inspectors and compliance officers, except construction	21.86	5.5	40.3	21.86	5.5	40.3	—	—	—
Management related, n.e.c.	20.00	5.6	36.4	19.97	5.7	40.2	—	—	—
Sales	12.23	6.0	31.0	14.27	7.5	40.6	6.80	2.6	19.1
Supervisors, sales	15.83	6.8	41.8	15.84	6.8	41.9	—	—	—
Insurance sales	22.37	13.2	40.3	22.37	13.2	40.3	—	—	—
Advertising and related sales	18.62	21.6	40.3	18.62	21.6	40.3	—	—	—
Sales, other business services	12.13	19.1	29.4	14.92	16.7	37.8	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales representatives, mining, manufacturing, and wholesale	\$22.46	25.5	39.9	\$22.46	25.5	39.9	—	—	—
Sales workers, motor vehicles and boats	16.38	19.3	45.8	16.38	19.3	45.8	—	—	—
Sales workers, apparel	9.61	23.1	29.1	11.69	29.7	37.5	\$6.42	8.1	21.6
Sales workers, hardware and building supplies	12.13	6.8	38.7	—	—	—	—	—	—
Sales workers, parts	11.33	8.7	38.3	12.28	6.0	41.3	—	—	—
Sales workers, other commodities	10.37	11.5	27.6	12.33	13.9	40.7	6.92	7.0	17.6
Sales counter clerks	7.34	4.9	28.6	7.83	8.3	39.9	6.67	4.5	20.7
Cashiers	7.61	2.6	25.3	8.22	3.4	39.9	6.99	3.1	18.5
Demonstrators, promoters, and models, sales ..	9.93	10.8	25.9	—	—	—	—	—	—
Sales support, n.e.c.	12.48	9.1	37.2	12.92	10.0	41.0	—	—	—
Administrative support, including clerical									
Supervisors, general office	11.87	3.4	36.8	12.15	3.2	39.4	9.11	4.5	22.4
Supervisors, financial records processing	17.50	8.1	40.6	17.50	8.1	40.6	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	16.52	12.4	41.7	16.52	12.4	41.7	—	—	—
Computer operators	15.70	7.7	39.9	15.70	7.7	39.9	—	—	—
Secretaries	14.09	5.2	39.9	14.09	5.2	39.9	—	—	—
Stenographers	12.98	6.3	38.3	13.02	6.4	38.9	11.48	6.7	23.5
Typists	10.81	11.9	39.3	10.81	11.9	39.3	—	—	—
Interviewers	11.71	5.8	39.8	11.71	5.8	39.8	—	—	—
Hotel clerks	—	—	—	10.11	6.2	38.5	—	—	—
Receptionists	7.54	4.6	27.4	7.85	3.3	39.2	—	—	—
Information clerks, n.e.c.	9.59	3.7	33.0	9.57	3.9	38.4	9.66	8.6	23.6
Correspondence clerks	12.81	3.4	34.6	12.96	3.9	39.9	12.38	10.3	24.7
Order clerks	13.21	8.5	40.0	13.21	8.5	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	12.32	9.6	38.4	12.92	6.6	39.9	—	—	—
Library clerks	11.45	7.0	38.9	11.42	7.2	39.4	—	—	—
File clerks	9.81	9.5	25.0	11.44	4.2	39.0	9.03	13.0	21.4
Records clerks, n.e.c.	9.60	4.1	38.5	9.53	4.3	39.7	—	—	—
Bookkeepers, accounting and auditing clerks ...	10.89	5.4	37.7	11.12	6.1	39.4	—	—	—
Payroll and timekeeping clerks	11.48	3.2	38.6	11.49	3.4	39.5	11.10	4.9	26.3
Billing clerks	16.44	7.3	27.5	16.84	7.6	39.9	—	—	—
Office machine operators, n.e.c.	12.66	6.6	37.2	12.83	6.5	38.7	—	—	—
Telephone operators	8.53	9.1	36.2	—	—	—	—	—	—
Mail clerks, except postal service	12.84	10.9	36.5	13.28	11.2	39.7	—	—	—
Messengers	8.99	5.6	38.0	9.01	6.1	39.6	—	—	—
Dispatchers	8.13	7.7	28.3	—	—	—	—	—	—
Production coordinators	14.26	6.4	38.6	14.25	6.5	39.9	—	—	—
Traffic, shipping and receiving clerks	17.52	3.8	39.9	17.60	3.7	40.1	—	—	—
Stock and inventory clerks	11.95	9.8	39.6	11.95	9.8	39.6	—	—	—
Weighers, measurers, checkers, and samplers ..	10.44	5.2	37.4	10.59	5.5	39.9	—	—	—
Expeditors	13.96	25.2	19.8	—	—	—	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	16.94	5.3	36.8	17.33	4.8	40.0	—	—	—
Insurance adjusters, examiners, and investigators	11.67	15.5	36.4	11.87	15.9	39.9	—	—	—
Investigators and adjusters, except insurance ...	13.59	6.5	38.7	13.60	6.6	38.9	—	—	—
Eligibility clerks, social welfare	11.44	4.0	39.5	11.51	4.2	40.0	8.77	14.2	28.1
Bill and account collectors	13.15	6.9	39.3	13.15	6.9	39.3	—	—	—
General office clerks	13.66	5.1	39.1	13.71	5.2	40.0	—	—	—
Bank tellers	11.43	5.5	36.9	11.59	6.0	39.7	10.18	3.8	23.5
Data entry keyers	8.28	3.6	32.0	8.57	3.3	37.5	7.37	4.0	21.8
Statistical clerks	10.70	4.2	38.8	10.83	4.5	39.9	9.27	11.0	29.6
Teachers' aides	12.68	6.3	39.4	12.68	6.3	39.4	—	—	—
Administrative support, n.e.c.	9.66	5.7	30.3	9.66	7.5	34.9	9.65	6.0	23.5
	11.92	5.9	36.3	12.31	6.3	39.9	9.87	6.2	24.5
Blue collar									
	13.46	2.8	38.0	13.83	3.1	40.1	8.34	4.2	22.2

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar —Continued									
Precision production, craft, and repair	\$16.87	3.3	39.9	\$16.88	3.3	40.1	—	—	—
Supervisors, mechanics and repairers	20.07	7.4	41.5	20.07	7.4	41.5	—	—	—
Automobile mechanics	15.91	6.2	40.1	15.91	6.2	40.1	—	—	—
Bus, truck, and stationary engine mechanics	13.11	6.7	40.6	13.07	6.7	40.6	—	—	—
Automobile body and related repairers	17.43	7.7	42.6	17.43	7.7	42.6	—	—	—
Heavy equipment mechanics	18.97	4.4	40.1	18.97	4.4	40.1	—	—	—
Machinery maintenance	17.21	9.3	39.4	17.21	9.3	39.4	—	—	—
Electronic repairers, communications and industrial equipment	18.39	5.5	39.7	18.49	5.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.40	7.7	40.0	16.40	7.7	40.0	—	—	—
Millwrights	21.02	12.8	40.0	21.02	12.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.92	3.6	39.8	16.98	3.5	40.0	—	—	—
Supervisors, construction trades, n.e.c.	19.87	7.1	40.8	19.87	7.1	40.8	—	—	—
Carpenters	17.63	5.9	39.9	17.61	5.9	40.0	—	—	—
Electricians	22.87	11.7	40.0	22.87	11.7	40.0	—	—	—
Electrical power installers and repairers	21.26	1.9	40.0	21.26	1.9	40.0	—	—	—
Plumbers, pipefitters and steamfitters	20.58	14.2	40.0	20.58	14.2	40.0	—	—	—
Construction trades, n.e.c.	16.35	3.6	40.9	16.35	3.6	40.9	—	—	—
Supervisors, production	20.53	3.4	40.2	20.53	3.4	40.2	—	—	—
Tool and die makers	22.87	3.8	40.0	22.87	3.8	40.0	—	—	—
Machinists	17.72	6.3	40.0	17.72	6.3	40.0	—	—	—
Sheet metal workers	21.28	3.7	39.9	21.28	3.7	39.9	—	—	—
Electrical and electronic equipment assemblers	9.78	5.8	40.0	9.78	5.8	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.84	21.4	40.0	14.84	21.4	40.0	—	—	—
Inspectors, testers, and graders	19.89	18.0	40.0	19.89	18.0	40.0	—	—	—
Water and sewer treatment plant operators	14.71	16.6	40.0	14.71	16.6	40.0	—	—	—
Stationary engineers	18.06	5.1	40.0	18.06	5.1	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.90	4.8	38.8	13.13	4.7	39.8	—	—	—
Punching and stamping press operators	12.46	5.7	38.9	12.48	5.8	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.30	9.2	40.0	13.30	9.2	40.0	—	—	—
Numerical control machine operators	16.72	10.8	40.0	16.72	10.8	40.0	—	—	—
Fabricating machine operators, n.e.c.	12.35	5.2	40.0	12.35	5.2	40.0	—	—	—
Molding and casting machine operators	12.33	6.1	39.8	12.34	6.1	39.9	—	—	—
Printing press operators	16.71	6.3	38.8	16.71	6.3	38.8	—	—	—
Laundry and dry cleaning machine operators	7.25	1.4	28.4	7.15	1.7	38.9	—	—	—
Packaging and filling machine operators	12.01	14.7	39.4	12.02	14.9	40.0	—	—	—
Extruding and forming machine operators	11.14	15.0	39.4	11.14	15.0	39.4	—	—	—
Mixing and blending machine operators	14.09	5.5	40.0	14.09	5.5	40.0	—	—	—
Painting and paint spraying machine operators	15.69	7.6	40.0	15.69	7.6	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.01	3.9	40.0	15.01	3.9	40.0	—	—	—
Slicing and cutting machine operators	14.55	11.3	39.9	14.55	11.3	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.38	9.4	39.5	13.43	9.4	39.7	—	—	—
Welders and cutters	13.33	6.6	40.0	13.33	6.6	40.0	—	—	—
Assemblers	12.62	7.5	37.1	13.45	7.0	40.0	—	—	—
Miscellaneous hand working, n.e.c.	14.61	3.8	40.0	14.61	3.8	40.0	—	—	—
Production inspectors, checkers and examiners	14.22	6.3	39.4	14.35	6.1	39.9	—	—	—
Production testers	17.51	8.0	40.0	17.51	8.0	40.0	—	—	—
Transportation and material moving	12.68	4.8	37.4	12.90	5.3	41.2	\$10.42	5.6	19.3
Supervisors, motor vehicle operators	19.83	5.0	41.7	19.83	5.0	41.7	—	—	—
Truck drivers	11.71	5.6	40.3	11.73	5.7	41.6	—	—	—
Driver-sales workers	12.13	18.3	32.0	13.26	15.1	40.4	—	—	—
Bus drivers	12.78	3.9	22.4	15.09	4.6	36.3	11.79	3.2	19.2
Taxicab drivers and chauffeurs	10.16	8.0	32.3	—	—	—	—	—	—
Motor transportation, n.e.c.	7.38	6.3	29.8	7.94	5.0	40.0	—	—	—
Supervisors, material moving equipment	20.75	4.8	42.0	20.75	4.8	42.0	—	—	—
Operating engineers	17.29	3.3	40.0	17.29	3.3	40.0	—	—	—
Excavating and loading machine operators	21.18	4.6	40.0	21.18	4.6	40.0	—	—	—
Grader, dozer, and scraper operators	13.24	5.4	40.0	13.24	5.4	40.0	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Industrial truck and tractor equipment operators	\$13.60	4.1	39.8	\$13.65	4.0	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	18.53	7.3	39.6	18.60	7.3	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	19.74	4.2	40.0	19.74	4.2	40.0	—	—	—
Groundskeepers and gardeners, except farm	10.84	5.7	31.6	11.42	6.8	40.0	8.29	15.3	16.5
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.45	5.6	39.5	16.45	5.6	39.5	—	—	—
Helpers, construction trades	9.65	7.6	38.3	9.61	8.1	40.0	—	—	—
Construction laborers	13.19	10.3	39.8	13.15	10.3	39.9	—	—	—
Production helpers	10.88	6.5	38.7	11.02	5.9	39.5	—	—	—
Stock handlers and baggers	9.71	5.5	27.3	12.51	4.7	39.8	6.89	4.6	20.7
Machine feeders and offbearers	9.20	7.1	39.1	9.18	7.2	39.6	—	—	—
Freight, stock, and material handlers, n.e.c.	11.15	5.4	37.4	11.32	5.2	39.7	9.45	9.0	24.0
Vehicle washers and equipment cleaners	9.47	9.6	38.7	9.53	9.3	40.0	—	—	—
Hand packers and packagers	9.07	6.4	37.7	9.07	7.0	39.9	9.16	4.1	23.2
Laborers, except construction, n.e.c.	9.83	4.3	36.6	10.49	3.4	39.4	6.96	6.5	28.1
Service									
Protective service	15.56	4.6	37.9	16.56	2.7	41.2	6.70	11.5	22.0
Supervisors, firefighters and fire prevention	18.94	9.1	49.7	18.94	9.1	49.7	—	—	—
Supervisors, police and detectives	26.08	1.2	40.0	26.08	1.2	40.0	—	—	—
Supervisors, guards	20.35	12.3	40.0	20.35	12.3	40.0	—	—	—
Firefighting	14.53	4.9	46.0	14.58	5.0	49.0	—	—	—
Police and detectives, public service	19.24	3.9	39.8	19.25	3.9	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	17.76	3.3	38.6	17.93	3.1	40.0	—	—	—
Correctional institution officers	14.29	6.8	39.3	14.33	6.7	39.9	—	—	—
Guards and police, except public service	9.89	12.9	32.9	—	—	—	—	—	—
Protective service, n.e.c.	8.39	9.3	20.4	—	—	—	7.81	8.4	17.8
Food service	7.74	6.4	27.6	8.71	5.4	39.0	6.40	4.9	19.6
Waiters, waitresses, and bartenders	5.37	13.7	23.3	5.65	22.1	37.4	5.16	13.9	18.0
Bartenders	8.84	10.2	28.6	—	—	—	—	—	—
Waiters and waitresses	3.70	8.2	22.4	3.17	5.5	36.1	4.00	10.0	18.4
Waiters/Waitresses' assistants	6.36	6.8	18.7	7.27	13.6	39.3	5.93	5.9	15.0
Other food service	8.57	4.5	29.5	9.45	3.3	39.4	7.07	3.4	20.5
Supervisors, food preparation and service	9.75	8.4	35.9	10.09	8.1	41.7	—	—	—
Cooks	9.18	6.1	33.1	9.68	4.4	39.3	7.38	8.1	21.2
Kitchen workers, food preparation	7.99	3.6	26.8	7.93	2.9	39.7	8.02	4.8	22.7
Food preparation, n.e.c.	7.61	5.6	24.5	9.05	4.3	38.7	6.65	2.9	19.7
Health service	10.07	10.2	29.4	10.33	11.6	39.4	9.25	5.3	16.3
Health aides, except nursing	9.30	4.3	28.0	9.72	4.3	39.7	8.14	8.2	15.4
Nursing aides, orderlies and attendants	8.91	4.2	31.9	8.91	5.3	39.2	8.90	3.2	20.9
Cleaning and building service	9.82	8.9	31.9	10.44	8.7	39.1	7.39	4.3	18.5
Supervisors, cleaning and building service workers	13.88	14.4	38.3	13.93	14.2	38.7	—	—	—
Maids and housemen	7.30	4.0	28.4	7.49	4.1	37.7	—	—	—
Janitors and cleaners	9.79	4.3	32.1	10.41	4.1	39.7	7.61	5.0	19.1

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service	\$9.06	5.2	30.5	\$9.43	7.3	38.5	\$8.16	4.2	20.4
Supervisors, personal service	12.95	10.8	33.4	13.78	8.5	40.4	—	—	—
Attendants, amusement, and recreation facilities	7.10	10.3	34.9	—	—	—	7.08	5.8	19.3
Welfare service aides	9.27	9.8	27.5	8.43	10.4	39.9	10.67	11.0	18.1
Early childhood teachers' assistants	8.27	5.6	28.2	8.79	7.1	39.2	7.86	5.8	23.0
Child care workers, n.e.c.	10.77	11.4	29.1	11.52	10.7	40.0	7.67	4.0	13.8
Service, n.e.c.	8.82	3.0	32.6	—	—	—	8.28	10.3	18.1

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

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

³ In this census division, collection was conducted between March 2000 and January

2002. The average reference period was March 2001.

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

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 Technical Note.

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

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ March 2001

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.14	3.4	35.1	\$15.10	3.8	40.1	\$8.20	2.8	19.8
All, excluding sales	14.40	3.6	35.7	15.19	3.9	40.0	8.63	3.7	20.0
White collar	16.85	5.3	35.5	17.94	5.6	40.3	9.47	5.2	19.6
White collar, excluding sales	18.51	6.1	37.4	18.98	6.3	40.2	12.89	8.3	20.2
Professional specialty and technical	20.72	3.2	35.9	21.07	3.2	40.1	17.61	10.5	18.4
Professional specialty	22.13	3.7	37.1	22.36	3.9	40.3	19.60	14.8	20.2
Engineers, architects, and surveyors	27.23	10.3	40.4	27.23	10.3	40.4	-	-	-
Civil engineers	33.63	6.0	40.2	33.63	6.0	40.2	-	-	-
Electrical and electronic engineers	28.08	3.9	40.7	28.08	3.9	40.7	-	-	-
Industrial engineers	26.62	2.7	41.7	26.62	2.7	41.7	-	-	-
Mechanical engineers	30.07	3.7	40.1	30.07	3.7	40.1	-	-	-
Engineers, n.e.c.	24.90	19.4	40.1	24.90	19.4	40.1	-	-	-
Mathematical and computer scientists	28.45	4.8	40.7	28.45	4.8	40.7	-	-	-
Computer systems analysts and scientists	28.67	5.3	40.7	28.67	5.3	40.7	-	-	-
Operations and systems researchers and analysts	23.53	7.1	40.0	23.53	7.1	40.0	-	-	-
Natural scientists	21.44	8.2	40.3	21.44	8.2	40.3	-	-	-
Chemists, except biochemists	20.03	16.3	40.0	20.03	16.3	40.0	-	-	-
Health related	21.27	3.4	34.6	21.26	4.0	39.7	21.30	2.0	20.5
Physicians	52.28	17.3	43.0	52.12	17.7	45.2	-	-	-
Registered nurses	19.33	2.7	33.8	18.97	2.8	39.4	20.98	2.1	20.6
Pharmacists	31.94	5.1	37.7	33.15	4.0	40.4	-	-	-
Respiratory therapists	18.17	11.8	39.2	18.17	11.8	39.2	-	-	-
Occupational therapists	19.13	6.5	35.7	-	-	-	-	-	-
Physical therapists	24.75	7.5	36.9	-	-	-	-	-	-
Therapists, n.e.c.	16.55	7.8	40.0	16.55	7.8	40.0	-	-	-
Teachers, college and university	27.91	7.8	24.4	29.23	6.9	38.3	22.13	10.2	9.4
Business, commerce, and marketing teachers ..	31.78	24.7	12.5	-	-	-	-	-	-
Art, drama, and music teachers	27.15	17.5	30.8	26.72	19.7	38.1	-	-	-
Other post-secondary teachers	27.32	8.8	29.1	27.90	8.8	38.6	22.62	6.4	9.8
Teachers, except college and university	13.68	7.4	31.6	14.70	7.0	39.5	-	-	-
Prekindergarten and kindergarten	-	-	-	10.99	3.0	39.1	-	-	-
Elementary school teachers	21.07	6.7	39.0	21.03	6.8	39.4	-	-	-
Secondary school teachers	22.69	7.5	36.0	22.85	8.0	38.8	21.37	19.5	22.8
Teachers, n.e.c.	15.28	12.9	29.2	16.42	10.6	39.6	12.25	27.3	17.2
Librarians, archivists, and curators	-	-	-	-	-	-	-	-	-
Social scientists and urban planners	23.86	5.1	40.0	23.85	5.1	40.0	-	-	-
Economists	24.46	4.6	40.0	24.46	4.6	40.0	-	-	-
Social, recreation, and religious workers	14.55	3.7	39.5	14.52	3.7	40.0	-	-	-
Social workers	14.50	3.7	39.6	14.47	3.7	40.0	-	-	-
Lawyers and judges	35.32	10.4	54.5	35.13	10.4	58.0	-	-	-
Lawyers	35.32	10.4	54.5	35.13	10.4	58.0	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	18.28	15.0	34.5	17.83	10.4	40.2	20.13	46.6	21.8
Designers	-	-	-	12.48	18.8	40.0	-	-	-
Actors and directors	11.86	11.1	36.0	-	-	-	-	-	-
Painters, sculptors, craft artists, and artist printmakers	16.16	3.5	39.9	16.16	3.5	39.9	-	-	-
Editors and reporters	20.77	5.1	39.7	21.13	5.7	40.8	-	-	-
Public relations specialists	19.41	20.5	40.1	19.41	20.5	40.1	-	-	-
Professional, n.e.c.	35.22	16.3	40.3	28.41	15.4	40.4	-	-	-
Technical	17.52	8.4	33.4	17.95	8.4	39.7	14.73	9.2	16.3
Clinical laboratory technologists and technicians	14.50	4.9	38.4	14.43	4.8	39.7	-	-	-
Radiological technicians	19.98	11.3	34.5	20.26	12.7	39.9	18.38	6.1	19.3
Licensed practical nurses	13.25	3.0	33.0	13.29	3.7	39.1	13.14	4.6	22.7
Health technologists and technicians, n.e.c.	12.00	5.0	34.4	12.25	6.0	39.6	11.16	7.6	23.6
Electrical and electronic technicians	17.19	3.3	40.0	17.19	3.3	40.0	-	-	-
Engineering technicians, n.e.c.	20.93	3.5	39.4	21.09	3.0	39.9	-	-	-
Drafters	17.57	4.6	40.0	17.57	4.6	40.0	-	-	-
Computer programmers	23.15	5.6	39.8	23.83	4.7	40.9	-	-	-
Legal assistants	18.98	11.3	39.6	18.98	11.3	39.6	-	-	-
Technical and related, n.e.c.	17.28	4.6	33.1	17.06	6.4	39.8	-	-	-

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial	\$28.45	14.6	41.7	\$28.46	14.6	42.0	—	—	—
Executives, administrators, and managers	31.88	19.8	42.7	31.89	19.8	42.8	—	—	—
Financial managers	56.44	37.5	42.3	56.44	37.5	42.3	—	—	—
Personnel and labor relations managers	29.38	6.2	42.4	29.38	6.2	42.4	—	—	—
Managers, marketing, advertising, and public relations	38.60	8.7	40.7	38.60	8.7	40.7	—	—	—
Administrators, education and related fields	25.92	9.5	39.6	26.50	9.4	40.3	—	—	—
Managers, medicine and health	29.26	3.3	40.2	29.26	3.3	40.2	—	—	—
Managers, food servicing and lodging establishments	17.17	11.2	44.8	17.17	11.2	44.8	—	—	—
Managers, properties and real estate	15.81	8.6	39.9	15.81	8.6	39.9	—	—	—
Managers and administrators, n.e.c.	25.55	8.3	43.5	25.55	8.3	43.5	—	—	—
Management related	19.80	7.6	39.2	19.79	7.6	40.2	—	—	—
Accountants and auditors	23.53	12.2	39.7	23.53	12.2	39.7	—	—	—
Underwriters	22.29	15.6	39.7	22.29	15.6	39.7	—	—	—
Other financial officers	14.32	26.1	40.3	14.33	26.2	40.3	—	—	—
Management analysts	22.24	10.3	40.2	22.32	10.4	40.4	—	—	—
Personnel, training, and labor relations specialists	17.23	8.5	40.1	17.23	8.5	40.1	—	—	—
Buyers, wholesale and retail trade, except farm products	22.72	7.9	41.3	22.72	7.9	41.3	—	—	—
Purchasing agents and buyers, n.e.c.	18.70	10.4	40.5	18.70	10.4	40.5	—	—	—
Management related, n.e.c.	21.17	4.6	35.5	21.09	4.6	40.3	—	—	—
Sales	12.24	6.0	31.1	14.27	7.5	40.6	\$6.80	2.6	19.1
Supervisors, sales	15.84	6.8	41.8	15.85	6.8	41.9	—	—	—
Insurance sales	22.37	13.2	40.3	22.37	13.2	40.3	—	—	—
Advertising and related sales	18.62	21.6	40.3	18.62	21.6	40.3	—	—	—
Sales, other business services	12.13	19.1	29.4	14.92	16.7	37.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	22.46	25.5	39.9	22.46	25.5	39.9	—	—	—
Sales workers, motor vehicles and boats	16.38	19.3	45.8	16.38	19.3	45.8	—	—	—
Sales workers, apparel	9.61	23.1	29.1	11.69	29.7	37.5	6.42	8.1	21.6
Sales workers, hardware and building supplies	12.13	6.8	38.7	—	—	—	—	—	—
Sales workers, parts	11.33	8.7	38.3	12.28	6.0	41.3	—	—	—
Sales workers, other commodities	10.38	11.6	27.6	12.33	13.9	40.7	6.92	7.0	17.6
Sales counter clerks	7.34	4.9	28.6	7.83	8.3	39.9	6.67	4.5	20.7
Cashiers	7.60	2.6	25.3	8.21	3.4	39.9	6.98	3.2	18.5
Demonstrators, promoters, and models, sales ..	9.93	10.8	25.9	—	—	—	—	—	—
Sales support, n.e.c.	12.48	9.1	37.2	12.92	10.0	41.0	—	—	—
Administrative support, including clerical	11.53	3.1	36.7	11.81	2.9	39.4	8.89	5.1	22.3
Supervisors, general office	17.96	11.9	40.9	17.96	11.9	40.9	—	—	—
Supervisors, financial records processing	16.47	13.3	41.9	16.47	13.3	41.9	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.68	5.9	39.9	17.68	5.9	39.9	—	—	—
Computer operators	14.21	5.3	39.9	14.21	5.3	39.9	—	—	—
Secretaries	11.91	5.7	37.8	11.90	5.8	38.4	12.18	7.7	24.1
Stenographers	10.81	11.9	39.3	10.81	11.9	39.3	—	—	—
Typists	10.78	8.1	39.9	10.78	8.1	39.9	—	—	—
Hotel clerks	7.54	4.6	27.4	7.85	3.3	39.2	—	—	—
Receptionists	9.53	3.7	33.0	9.48	3.8	38.4	9.66	8.6	23.8
Information clerks, n.e.c.	12.52	3.9	35.9	12.98	4.5	39.9	10.97	6.1	26.8
Order clerks	12.32	9.6	38.4	12.92	6.6	39.9	—	—	—
Personnel clerks, except payroll and timekeeping	11.43	7.2	38.9	11.40	7.3	39.4	—	—	—
File clerks	9.60	4.1	38.5	9.53	4.3	39.7	—	—	—
Records clerks, n.e.c.	10.80	5.9	37.5	11.05	6.6	39.4	—	—	—
Bookkeepers, accounting and auditing clerks ...	11.13	3.5	38.5	11.15	3.7	39.4	10.73	4.9	25.6
Payroll and timekeeping clerks	16.64	8.3	25.4	17.16	8.6	39.9	—	—	—
Billing clerks	12.42	6.9	36.8	12.60	7.0	38.5	—	—	—
Office machine operators, n.e.c.	8.53	9.1	36.2	—	—	—	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Telephone operators	\$12.84	10.9	36.5	\$13.28	11.2	39.7	—	—	—
Mail clerks, except postal service	8.99	6.3	37.8	9.00	6.9	39.6	—	—	—
Messengers	8.04	8.3	27.6	—	—	—	—	—	—
Dispatchers	15.99	8.9	38.3	16.11	8.7	39.8	—	—	—
Production coordinators	17.52	3.8	39.9	17.60	3.7	40.1	—	—	—
Traffic, shipping and receiving clerks	11.95	9.8	39.6	11.95	9.8	39.6	—	—	—
Stock and inventory clerks	10.28	5.5	37.4	10.43	5.7	40.0	—	—	—
Weighers, measurers, checkers, and samplers	14.48	25.8	26.6	—	—	—	—	—	—
Expeditors	16.94	5.3	36.8	17.33	4.8	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.66	15.6	36.4	11.86	16.0	39.9	—	—	—
Insurance adjusters, examiners, and investigators	13.59	6.5	38.7	13.60	6.6	38.9	—	—	—
Investigators and adjusters, except insurance ...	11.39	4.1	39.5	11.46	4.2	40.0	\$8.77	14.2	28.1
Bill and account collectors	13.21	4.8	39.0	13.25	4.9	40.0	—	—	—
General office clerks	10.73	4.0	36.6	10.80	4.7	39.6	10.20	5.5	23.2
Bank tellers	8.28	3.6	32.0	8.57	3.3	37.5	7.37	4.0	21.8
Data entry keyers	10.97	3.6	38.5	11.16	3.7	39.8	9.27	11.0	29.6
Statistical clerks	12.68	6.3	39.4	12.68	6.3	39.4	—	—	—
Teachers' aides	10.12	3.7	38.1	—	—	—	—	—	—
Administrative support, n.e.c.	11.90	6.4	36.0	12.33	7.0	40.0	9.75	6.7	24.3
Blue collar	13.36	2.9	38.1	13.74	3.2	40.1	8.13	4.1	22.5
Precision production, craft, and repair									
Supervisors, mechanics and repairers	16.84	3.7	39.9	16.85	3.7	40.1	—	—	—
Automobile mechanics	20.00	8.1	41.6	20.00	8.1	41.6	—	—	—
Bus, truck, and stationary engine mechanics	15.95	6.4	40.1	15.95	6.4	40.1	—	—	—
Automobile body and related repairers	12.65	7.2	40.7	12.61	7.2	40.7	—	—	—
Heavy equipment mechanics	17.43	7.7	42.6	17.43	7.7	42.6	—	—	—
Machinery maintenance	18.99	6.9	40.2	18.99	6.9	40.2	—	—	—
Electronic repairers, communications and industrial equipment	17.21	9.3	39.4	17.21	9.3	39.4	—	—	—
Heating, air conditioning, and refrigeration mechanics	19.71	3.9	40.0	19.71	3.9	40.0	—	—	—
Millwrights	16.42	7.8	40.0	16.42	7.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	21.02	12.8	40.0	21.02	12.8	40.0	—	—	—
Supervisors, construction trades, n.e.c.	17.10	3.7	39.7	17.17	3.6	40.0	—	—	—
Carpenters	24.00	7.5	42.8	24.00	7.5	42.8	—	—	—
Electricians	17.52	6.2	39.9	17.50	6.2	40.0	—	—	—
Plumbers, pipefitters and steamfitters	24.69	10.0	40.0	24.69	10.0	40.0	—	—	—
Supervisors, production	20.66	14.5	40.0	20.66	14.5	40.0	—	—	—
Tool and die makers	21.06	3.2	40.3	21.06	3.2	40.3	—	—	—
Machinists	22.87	3.8	40.0	22.87	3.8	40.0	—	—	—
Sheet metal workers	17.69	6.3	40.0	17.69	6.3	40.0	—	—	—
Electrical and electronic equipment assemblers	21.28	3.7	39.9	21.28	3.7	39.9	—	—	—
Miscellaneous precision workers, n.e.c.	9.78	5.8	40.0	9.78	5.8	40.0	—	—	—
Inspectors, testers, and graders	14.84	21.4	40.0	14.84	21.4	40.0	—	—	—
Stationary engineers	19.89	18.0	40.0	19.89	18.0	40.0	—	—	—
Machine operators, assemblers, and inspectors	18.95	5.2	40.0	18.95	5.2	40.0	—	—	—
Punching and stamping press operators	12.90	4.8	38.8	13.13	4.7	39.8	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.46	5.7	38.9	12.48	5.8	40.0	—	—	—
Numerical control machine operators	13.30	9.2	40.0	13.30	9.2	40.0	—	—	—
Fabricating machine operators, n.e.c.	16.72	10.8	40.0	16.72	10.8	40.0	—	—	—
Molding and casting machine operators	12.35	5.2	40.0	12.35	5.2	40.0	—	—	—
Printing press operators	12.33	6.1	39.8	12.34	6.1	39.9	—	—	—
Laundering and dry cleaning machine operators	16.71	6.3	38.8	16.71	6.3	38.8	—	—	—
Packaging and filling machine operators	7.26	1.4	28.4	7.15	1.7	38.9	—	—	—
	12.01	14.7	39.4	12.02	14.9	40.0	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Extruding and forming machine operators	\$11.14	15.0	39.4	\$11.14	15.0	39.4	—	—	—
Mixing and blending machine operators	14.09	5.5	40.0	14.09	5.5	40.0	—	—	—
Painting and paint spraying machine operators	15.69	7.6	40.0	15.69	7.6	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.01	3.9	40.0	15.01	3.9	40.0	—	—	—
Slicing and cutting machine operators	14.55	11.3	39.9	14.55	11.3	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.38	9.4	39.5	13.43	9.4	39.7	—	—	—
Welders and cutters	13.33	6.6	40.0	13.33	6.6	40.0	—	—	—
Assemblers	12.62	7.5	37.1	13.45	7.0	40.0	—	—	—
Miscellaneous hand working, n.e.c.	14.61	3.8	40.0	14.61	3.8	40.0	—	—	—
Production inspectors, checkers and examiners	14.22	6.3	39.4	14.35	6.1	39.9	—	—	—
Production testers	17.51	8.0	40.0	17.51	8.0	40.0	—	—	—
Transportation and material moving	12.58	5.1	37.8	12.81	5.6	41.3	\$9.89	6.7	19.2
Truck drivers	11.70	5.7	40.3	11.72	5.8	41.6	—	—	—
Driver-sales workers	12.13	18.3	32.0	13.26	15.1	40.4	—	—	—
Bus drivers	11.38	2.9	20.2	—	—	—	11.17	2.2	19.1
Motor transportation, n.e.c.	7.38	6.3	29.8	7.94	5.0	40.0	—	—	—
Supervisors, material moving equipment	20.75	4.8	42.0	20.75	4.8	42.0	—	—	—
Industrial truck and tractor equipment operators	13.60	4.1	39.8	13.65	4.0	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	19.42	6.8	39.6	19.51	6.9	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	10.14	2.4	35.7	10.65	2.0	39.7	7.43	3.9	23.4
Groundskeepers and gardeners, except farm ...	9.14	8.4	33.8	9.56	9.3	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.17	6.5	39.4	16.17	6.5	39.4	—	—	—
Helpers, construction trades	9.65	7.6	38.3	9.61	8.1	40.0	—	—	—
Construction laborers	13.31	12.4	39.7	13.27	12.4	39.9	—	—	—
Production helpers	10.88	6.5	38.7	11.02	5.9	39.5	—	—	—
Stock handlers and baggers	9.72	5.5	27.4	12.51	4.7	39.8	6.89	4.6	20.8
Machine feeders and offbearers	9.20	7.1	39.1	9.18	7.2	39.6	—	—	—
Freight, stock, and material handlers, n.e.c.	11.15	5.4	37.4	11.32	5.2	39.7	9.45	9.0	24.0
Vehicle washers and equipment cleaners	9.47	9.6	38.7	9.53	9.3	40.0	—	—	—
Hand packers and packagers	9.07	6.4	37.7	9.07	7.0	39.9	9.16	4.1	23.2
Laborers, except construction, n.e.c.	9.74	4.5	36.8	10.38	3.4	39.3	6.98	6.9	28.6
Service	8.49	4.1	28.7	9.30	3.8	39.0	6.91	3.8	19.0
Protective service	10.16	12.2	32.6	—	—	—	6.19	8.3	23.6
Guards and police, except public service	9.71	13.8	32.8	—	—	—	—	—	—
Food service	7.70	6.7	27.7	8.71	5.6	39.1	6.29	4.9	19.7
Waiters, waitresses, and bartenders	5.37	13.8	23.4	5.65	22.1	37.4	5.15	14.0	18.2
Bartenders	8.89	10.1	29.7	—	—	—	—	—	—
Waiters and waitresses	3.70	8.2	22.4	3.17	5.5	36.1	4.00	10.0	18.4
Waiters'/Waitresses' assistants	6.37	6.9	18.8	7.27	13.6	39.3	5.94	6.0	15.0
Other food service	8.57	4.7	29.7	9.49	3.4	39.5	6.94	3.4	20.6
Supervisors, food preparation and service	9.71	8.6	36.0	10.04	8.2	41.9	—	—	—
Cooks	9.19	6.2	33.2	9.71	4.5	39.3	7.35	8.1	21.2
Kitchen workers, food preparation	7.74	3.6	26.8	8.04	3.3	39.7	7.60	4.6	23.4
Food preparation, n.e.c.	7.54	6.1	24.6	9.06	4.6	38.9	6.54	3.0	19.8
Health service	10.06	11.8	28.6	10.34	13.4	39.3	9.21	6.1	15.5
Health aides, except nursing	9.17	4.3	27.6	9.59	4.3	39.6	8.05	8.1	15.3
Nursing aides, orderlies and attendants	8.65	4.2	31.1	8.60	5.2	39.1	8.80	3.7	20.3
Cleaning and building service	8.76	4.3	30.0	9.27	4.6	38.8	7.36	4.3	18.6
Supervisors, cleaning and building service workers	10.63	6.8	37.6	10.66	6.8	38.2	—	—	—
Maids and housemen	7.29	4.0	28.3	7.48	4.1	37.7	—	—	—
Janitors and cleaners	9.07	4.2	29.5	9.77	4.9	39.6	7.58	5.2	19.2
Personal service	8.88	5.6	30.9	9.20	7.4	38.4	7.86	4.6	19.1

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service—Continued									
Supervisors, personal service	\$12.95	10.8	33.4	\$13.78	8.5	40.4	—	—	—
Attendants, amusement, and recreation facilities	7.10	10.7	36.6	—	—	—	\$7.11	8.1	21.2
Welfare service aides	8.70	10.7	27.8	7.72	7.8	39.9	10.59	14.3	17.5
Early childhood teachers' assistants	7.92	6.1	28.2	8.62	8.3	39.8	—	—	—
Child care workers, n.e.c.	8.84	6.3	24.7	—	—	—	7.13	3.2	11.9
Service, n.e.c.	8.82	3.2	32.6	—	—	—	8.32	10.7	18.0

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

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

³ In this census division, collection was conducted between March 2000 and January

2002. The average reference period was March 2001.

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

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 Technical Note.

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

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$19.49	2.9	37.0	\$20.02	2.6	39.4	\$12.49	5.6	20.4
All, excluding sales	19.50	2.9	37.0	20.02	2.6	39.4	12.53	5.7	20.5
White collar	21.77	2.8	37.4	22.09	2.5	39.1	15.69	8.0	20.4
White collar, excluding sales	21.79	2.8	37.5	22.09	2.5	39.1	15.82	8.1	20.6
Professional specialty and technical	24.49	1.8	37.2	24.63	1.8	38.7	21.18	6.4	19.3
Professional specialty	25.85	1.9	37.1	25.98	1.9	38.6	22.37	7.9	18.2
Engineers, architects, and surveyors	26.53	4.5	40.0	26.53	4.5	40.0	—	—	—
Mathematical and computer scientists	23.19	2.4	40.0	23.19	2.4	40.0	—	—	—
Computer systems analysts and scientists	23.15	2.5	40.0	23.15	2.5	40.0	—	—	—
Natural scientists	19.39	1.0	40.0	19.39	1.0	40.0	—	—	—
Health related	22.59	4.7	37.5	22.18	4.4	39.7	26.52	11.7	24.8
Physicians	21.92	8.8	39.4	—	—	—	—	—	—
Registered nurses	21.99	3.3	37.0	21.82	3.8	39.8	23.08	4.7	25.5
Teachers, college and university	36.77	12.5	38.4	37.16	11.9	39.7	18.96	25.4	15.7
Health specialties teachers	26.24	3.9	39.6	26.26	3.9	40.3	—	—	—
English teachers	27.11	7.1	37.1	—	—	—	—	—	—
Trade and industrial teachers	31.53	2.8	37.3	31.53	2.8	37.3	—	—	—
Other post-secondary teachers	26.59	8.9	33.6	26.59	9.6	38.5	26.61	7.9	12.6
Teachers, except college and university	26.63	2.7	35.2	26.81	2.7	37.0	21.43	17.0	14.0
Prekindergarten and kindergarten	26.16	8.8	35.3	26.45	9.2	36.3	—	—	—
Elementary school teachers	27.89	3.1	36.2	27.93	3.2	36.6	—	—	—
Secondary school teachers	27.22	4.0	36.1	26.91	4.1	37.2	—	—	—
Teachers, special education	25.61	8.0	37.7	25.61	8.0	37.7	—	—	—
Teachers, n.e.c.	23.82	6.0	34.2	24.26	6.0	37.6	14.94	24.5	12.1
Substitute teachers	10.57	7.0	10.4	—	—	—	10.57	7.0	10.4
Librarians, archivists, and curators	24.07	6.1	37.4	24.18	6.1	38.1	—	—	—
Librarians	24.07	6.1	37.4	24.18	6.1	38.1	—	—	—
Social scientists and urban planners	24.69	3.7	39.7	24.69	3.7	39.7	—	—	—
Psychologists	25.06	3.8	39.7	25.06	3.8	39.7	—	—	—
Social, recreation, and religious workers	16.50	3.6	38.6	16.58	3.8	40.0	—	—	—
Social workers	16.48	3.7	38.7	16.58	3.8	40.0	—	—	—
Lawyers and judges	28.82	10.7	38.1	28.99	10.9	40.0	—	—	—
Lawyers	26.74	5.3	37.9	26.84	5.2	40.0	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.47	5.7	38.3	19.76	6.0	40.0	—	—	—
Technical	13.83	6.2	38.1	13.56	6.3	40.0	16.92	7.2	24.7
Licensed practical nurses	11.34	7.4	38.5	10.91	7.9	39.9	18.32	11.8	24.1
Health technologists and technicians, n.e.c.	15.74	11.2	34.5	16.17	13.6	40.9	14.27	11.3	22.4
Engineering technicians, n.e.c.	17.13	4.8	40.0	17.13	4.8	40.0	—	—	—
Technical and related, n.e.c.	15.62	5.2	33.1	16.31	3.0	40.0	—	—	—
Executive, administrative, and managerial	28.60	7.8	39.8	28.69	7.9	40.4	16.71	12.8	13.8
Executives, administrators, and managers	32.05	6.8	39.9	32.15	6.9	40.6	17.48	18.4	12.0
Administrators and officials, public administration	24.90	5.2	40.7	24.85	5.2	41.0	—	—	—
Administrators, education and related fields	30.09	16.0	40.2	30.12	16.0	40.2	—	—	—
Managers and administrators, n.e.c.	28.64	9.6	41.9	28.64	9.6	41.9	—	—	—
Management related	20.00	6.6	39.6	20.04	6.7	39.9	—	—	—
Accountants and auditors	19.06	5.4	40.0	19.06	5.4	40.0	—	—	—
Management analysts	22.06	14.5	40.0	22.06	14.5	40.0	—	—	—
Personnel, training, and labor relations specialists	21.82	6.4	39.7	21.87	6.4	39.8	—	—	—
Construction inspectors	19.07	6.1	40.0	19.07	6.1	40.0	—	—	—
Inspectors and compliance officers, except construction	21.45	7.0	39.9	21.45	7.0	39.9	—	—	—
Management related, n.e.c.	16.78	12.1	38.9	16.82	12.5	39.9	—	—	—
Sales	9.75	9.2	19.2	—	—	—	—	—	—
Cashiers	10.18	10.8	18.4	—	—	—	—	—	—
Administrative support, including clerical	13.17	7.2	37.1	13.44	6.9	39.3	10.14	5.0	22.6
Supervisors, general office	16.66	4.2	40.0	16.66	4.2	40.0	—	—	—
Secretaries	14.48	9.8	38.9	14.56	9.8	39.5	10.01	2.6	22.4

See footnotes at end of table.

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Typists	\$11.95	6.2	39.8	\$11.95	6.2	39.8	—	—	—
Receptionists	11.36	7.6	33.5	11.49	7.9	40.0	—	—	—
Library clerks	9.74	9.7	24.7	11.39	4.5	38.9	\$9.02	13.1	21.4
Records clerks, n.e.c.	11.82	4.6	39.3	11.89	4.7	39.8	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.87	5.4	39.0	13.95	5.8	39.9	—	—	—
Dispatchers	12.76	4.4	38.9	12.71	4.5	40.0	—	—	—
Stock and inventory clerks	15.67	7.6	37.0	—	—	—	—	—	—
Eligibility clerks, social welfare	13.99	4.7	40.0	13.99	4.7	40.0	—	—	—
General office clerks	12.74	5.3	37.4	13.03	4.5	39.9	10.15	3.0	24.1
Teachers' aides	9.65	5.8	30.1	9.65	7.8	34.7	9.65	6.0	23.5
Administrative support, n.e.c.	12.13	6.1	38.7	12.12	6.6	39.7	—	—	—
Blue collar	15.28	2.5	36.5	15.62	2.4	39.8	11.54	7.6	18.8
Precision production, craft, and repair									
Bus, truck, and stationary engine mechanics	16.11	4.5	40.0	16.11	4.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.08	6.1	40.0	15.08	6.1	40.0	—	—	—
Supervisors, construction trades, n.e.c.	18.08	3.5	40.0	18.08	3.5	40.0	—	—	—
Electricians	16.83	6.3	40.0	16.83	6.3	40.0	—	—	—
Construction trades, n.e.c.	14.26	6.1	40.0	14.26	6.1	40.0	—	—	—
Water and sewer treatment plant operators	19.05	3.5	40.0	19.05	3.5	40.0	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—	—	—	—
Transportation and material moving									
Truck drivers	12.46	12.3	40.0	12.46	12.3	40.0	—	—	—
Bus drivers	14.70	3.5	26.3	15.87	2.2	37.8	13.36	6.4	19.5
Operating engineers	14.94	8.4	40.0	14.94	8.4	40.0	—	—	—
Grader, dozer, and scrapper operators	12.09	4.1	40.0	12.09	4.1	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	19.74	4.2	40.0	19.74	4.2	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	13.49	8.7	28.7	14.41	7.9	40.0	—	—	—
Construction laborers	12.47	9.1	40.0	12.47	9.1	40.0	—	—	—
Laborers, except construction, n.e.c.	11.87	7.4	33.9	13.02	3.4	40.0	—	—	—
Service									
Protective service	17.66	4.7	40.4	17.75	4.6	41.6	11.46	10.5	13.5
Supervisors, police and detectives	26.08	1.2	40.0	26.08	1.2	40.0	—	—	—
Firefighting	14.53	4.9	46.0	14.58	5.0	49.0	—	—	—
Police and detectives, public service	19.14	3.9	39.8	19.15	3.9	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	17.76	3.3	38.6	17.93	3.1	40.0	—	—	—
Correctional institution officers	14.29	6.8	39.3	14.33	6.7	39.9	—	—	—
Guards and police, except public service	15.10	18.7	37.0	—	—	—	—	—	—
Food service	8.59	3.7	24.7	8.61	4.1	37.8	8.57	5.0	18.2
Other food service	8.69	3.7	26.1	8.61	4.1	37.8	8.77	4.7	19.4
Cooks	8.71	3.4	32.0	8.66	3.7	37.4	8.94	5.5	19.2
Kitchen workers, food preparation	8.85	7.9	26.5	—	—	—	—	—	—
Food preparation, n.e.c.	8.39	4.3	23.7	—	—	—	7.99	5.6	19.2
Health service	10.12	2.7	35.7	10.26	3.6	39.6	9.56	3.6	25.6
Health aides, except nursing	11.63	4.6	37.3	—	—	—	—	—	—
Nursing aides, orderlies and attendants	10.06	2.9	35.6	10.21	3.8	39.6	9.49	3.4	25.6
Cleaning and building service	12.73	7.6	38.7	12.85	7.1	39.9	8.21	7.8	18.1
Supervisors, cleaning and building service workers	20.58	3.5	39.8	20.58	3.5	39.8	—	—	—
Janitors and cleaners	11.17	3.4	38.5	11.27	3.0	40.0	8.21	7.8	18.1
Personal service	9.99	9.4	28.5	11.61	9.5	38.8	8.80	8.3	23.9

See footnotes at end of table.

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ March 2001–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Personal service –Continued									
Early childhood teachers' assistants	\$9.00	8.3	28.0	\$9.49	10.0	36.8	\$8.83	10.6	25.9
Child care workers, n.e.c.	12.88	4.5	36.1	–	–	–	8.93	8.8	21.4

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

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

³ In this census division, collection was conducted between March 2000 and January

2002. The average reference period was March 2001.

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

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 Technical Note.

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

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.99	3.5	35.4	\$14.14	3.4	35.1	\$19.49	2.9	37.0
All, excluding sales	15.29	3.6	35.9	14.40	3.6	35.7	19.50	2.9	37.0
White collar	17.96	4.4	35.9	16.85	5.3	35.5	21.77	2.8	37.4
1	7.15	2.9	25.7	7.08	3.1	25.6	8.49	5.3	26.2
2	7.94	2.9	28.4	7.70	2.8	28.0	10.13	6.5	32.0
3	8.94	2.9	31.3	8.80	2.9	31.2	11.29	4.5	33.1
4	11.11	2.4	36.8	11.02	2.9	36.7	11.51	3.7	37.2
5	13.50	2.5	38.3	13.22	2.6	38.4	14.57	3.6	37.9
6	15.90	3.1	38.8	16.14	3.2	39.0	14.94	5.3	38.2
7	18.93	2.3	38.8	17.82	3.5	39.8	21.42	3.2	36.7
8	21.14	3.5	37.9	18.98	6.4	38.4	24.15	2.2	37.4
9	24.78	2.5	39.9	24.42	3.5	40.6	25.38	2.1	38.7
10	34.17	20.0	33.3	35.82	22.9	32.1	25.75	5.4	41.2
11	36.28	6.7	41.2	38.04	7.9	41.6	30.66	3.7	40.1
12	35.87	3.6	41.2	37.14	2.9	41.9	32.15	11.2	39.2
13	53.42	22.5	40.5	65.72	26.8	40.7	39.45	4.6	40.2
14	59.58	8.5	43.3	61.49	8.7	43.9	-	-	-
15	55.10	.7	39.5	-	-	-	-	-	-
Not able to be leveled	21.06	5.9	35.9	20.26	6.8	35.7	25.79	10.0	36.5
White collar, excluding sales	19.44	4.4	37.4	18.51	6.1	37.4	21.79	2.8	37.5
1	7.83	5.9	28.5	7.64	6.6	29.2	8.49	5.3	26.2
2	9.16	3.1	34.3	8.89	3.0	34.7	10.15	6.7	32.9
3	9.59	3.3	35.4	9.42	3.4	35.6	11.33	4.6	33.4
4	11.20	2.4	36.2	11.10	2.9	35.9	11.52	3.7	37.2
5	13.57	3.7	37.8	13.24	3.6	37.7	14.57	3.6	37.9
6	15.32	2.9	38.3	15.45	3.1	38.3	14.94	5.3	38.2
7	19.07	2.3	38.6	17.89	3.8	39.6	21.42	3.2	36.7
8	21.30	3.4	37.7	18.85	6.8	37.9	24.15	2.2	37.4
9	24.36	1.8	39.7	23.71	2.9	40.4	25.38	2.1	38.7
10	34.31	21.1	33.0	36.10	24.4	31.7	25.75	5.4	41.2
11	35.64	8.0	41.0	37.72	10.1	41.4	30.66	3.7	40.1
12	35.60	3.7	41.2	36.83	2.9	42.0	32.15	11.2	39.2
13	53.42	22.5	40.5	65.72	26.8	40.7	39.45	4.6	40.2
14	59.58	8.5	43.3	61.49	8.7	43.9	-	-	-
15	55.10	.7	39.5	-	-	-	-	-	-
Not able to be leveled	20.96	6.1	36.1	20.10	6.9	36.0	25.79	10.0	36.5
Professional specialty and technical	22.23	2.2	36.4	20.72	3.2	35.9	24.49	1.8	37.2
Professional specialty	23.84	2.4	37.1	22.13	3.7	37.1	25.85	1.9	37.1
4	9.67	7.0	19.3	9.09	9.8	32.5	10.43	4.5	12.6
5	12.86	10.0	36.3	12.07	9.2	37.3	16.03	2.8	32.6
6	14.59	8.2	35.5	14.15	8.0	36.0	17.40	8.4	32.6
7	20.89	3.1	36.4	19.34	5.8	36.7	22.51	4.1	36.2
8	23.46	2.6	36.3	20.66	3.7	35.0	25.06	2.5	37.0
9	25.08	2.6	38.4	23.34	4.8	38.7	26.92	2.4	38.2
10	25.75	3.1	40.3	26.95	3.8	40.1	23.76	3.7	40.5
11	31.41	3.6	40.7	33.56	3.7	41.6	28.56	4.5	39.5
12	32.48	5.7	40.7	34.70	3.7	42.2	28.28	12.0	38.2
13	37.23	18.3	40.1	46.43	8.4	40.1	30.97	16.6	40.0
14	47.78	6.1	42.7	48.77	7.5	43.5	-	-	-
Not able to be leveled	22.82	9.2	33.9	22.41	12.4	33.1	24.51	13.6	37.7
Engineers, architects, and surveyors	27.16	9.2	40.4	27.23	10.3	40.4	26.53	4.5	40.0
7	24.65	5.1	40.0	-	-	-	-	-	-
8	26.83	2.7	40.2	26.66	2.8	40.3	-	-	-
9	26.52	3.3	41.0	27.02	3.0	41.4	25.20	5.6	40.0
10	27.95	2.5	40.0	27.95	2.5	40.0	-	-	-
11	31.07	2.9	40.8	31.27	3.0	40.9	-	-	-
12	37.19	3.7	40.0	37.28	4.3	40.0	-	-	-
13	43.24	4.1	39.9	43.24	4.1	39.9	-	-	-
Not able to be leveled	36.78	7.1	40.4	36.78	7.1	40.4	-	-	-
Civil engineers	32.86	5.7	40.2	33.63	6.0	40.2	-	-	-
Electrical and electronic engineers	28.48	3.8	40.7	28.08	3.9	40.7	-	-	-
12	34.82	1.8	40.0	-	-	-	-	-	-

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
Industrial engineers	\$26.62	2.6	41.7	\$26.62	2.7	41.7	—	—	—
Mechanical engineers	30.07	3.7	40.1	30.07	3.7	40.1	—	—	—
Engineers, n.e.c.	24.70	17.6	40.0	24.90	19.4	40.1	—	—	—
7	24.77	6.7	40.0	—	—	—	—	—	—
9	25.73	3.5	40.2	27.23	3.3	40.3	—	—	—
10	28.34	3.8	40.0	28.34	3.8	40.0	—	—	—
11	31.69	4.0	40.4	31.69	4.0	40.4	—	—	—
12	39.93	4.0	39.9	39.93	4.0	39.9	—	—	—
Mathematical and computer scientists	27.24	3.3	40.5	28.45	4.8	40.7	\$23.19	2.4	40.0
7	22.18	4.3	39.9	—	—	—	—	—	—
8	22.37	8.6	40.9	22.37	8.6	40.9	—	—	—
9	27.61	3.1	40.3	27.50	4.3	40.4	27.84	1.9	40.0
10	26.35	5.4	40.0	28.87	4.7	40.0	—	—	—
11	32.68	4.5	44.0	33.91	3.0	44.5	—	—	—
12	34.41	4.2	41.5	34.41	4.2	41.5	—	—	—
13	40.61	4.1	40.0	40.61	4.1	40.0	—	—	—
Not able to be leveled	31.27	8.0	40.0	31.27	8.0	40.0	—	—	—
Computer systems analysts and scientists	27.34	3.6	40.5	28.67	5.3	40.7	23.15	2.5	40.0
7	22.18	4.3	39.9	—	—	—	—	—	—
8	24.27	11.5	41.3	24.27	11.5	41.3	—	—	—
9	27.61	3.2	40.3	27.52	4.6	40.4	—	—	—
10	25.91	5.6	40.0	28.42	4.9	40.0	—	—	—
11	32.98	4.8	44.3	34.33	2.9	44.9	—	—	—
12	34.31	4.3	41.6	34.31	4.3	41.6	—	—	—
13	40.61	4.1	40.0	40.61	4.1	40.0	—	—	—
Not able to be leveled	31.27	8.0	40.0	31.27	8.0	40.0	—	—	—
Operations and systems researchers and analysts	23.79	6.8	40.0	23.53	7.1	40.0	—	—	—
Natural scientists	19.97	3.5	40.1	21.44	8.2	40.3	19.39	1.0	40.0
9	25.37	4.7	40.0	—	—	—	—	—	—
Chemists, except biochemists	20.03	16.3	40.0	20.03	16.3	40.0	—	—	—
Physical scientists, n.e.c.	29.71	11.3	40.0	—	—	—	—	—	—
Biological and life scientists	18.95	4.7	40.0	—	—	—	—	—	—
Health related	21.66	2.5	35.4	21.27	3.4	34.6	22.59	4.7	37.5
5	14.94	4.3	36.9	14.94	4.3	36.9	—	—	—
6	13.92	12.0	34.1	13.92	12.0	34.1	—	—	—
7	19.90	3.3	34.0	19.39	3.3	33.4	20.98	2.7	35.4
8	20.13	4.7	34.9	19.59	5.4	33.7	21.66	4.7	38.6
9	22.60	4.5	36.3	21.64	3.6	35.8	26.41	7.9	38.3
10	22.65	13.3	43.5	18.94	17.1	46.0	—	—	—
11	44.65	16.1	35.5	49.33	18.7	35.6	—	—	—
13	32.08	41.7	40.6	—	—	—	—	—	—
Not able to be leveled	16.68	4.3	33.2	16.66	4.3	33.9	—	—	—
Physicians	31.08	31.9	40.5	52.28	17.3	43.0	21.92	8.8	39.4
13	32.10	42.1	40.6	—	—	—	—	—	—
Registered nurses	20.00	2.8	34.6	19.33	2.7	33.8	21.99	3.3	37.0
7	19.91	3.4	34.0	19.38	3.4	33.5	21.07	2.5	35.1
8	19.50	3.4	34.6	19.08	4.4	33.3	20.68	1.7	39.1
9	21.32	7.0	35.7	20.29	6.9	35.2	25.78	10.8	37.9
11	31.38	13.2	33.1	—	—	—	—	—	—
Pharmacists	31.92	4.2	38.2	31.94	5.1	37.7	—	—	—
9	34.08	4.8	39.6	—	—	—	—	—	—
Dietitians	14.11	12.0	29.3	—	—	—	—	—	—
Respiratory therapists	18.17	11.8	39.2	18.17	11.8	39.2	—	—	—
Occupational therapists	20.92	7.8	36.5	19.13	6.5	35.7	—	—	—
Physical therapists	25.00	7.3	36.3	24.75	7.5	36.9	—	—	—
Speech therapists	27.72	4.1	35.4	—	—	—	—	—	—
Therapists, n.e.c.	16.93	7.3	40.0	16.55	7.8	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Health related—Continued									
Physicians' assistants	\$26.02	11.0	40.0	—	—	—	—	—	—
Teachers, college and university	36.03	12.7	36.7	\$27.91	7.8	24.4	\$36.77	12.5	38.4
7	27.29	12.1	24.6	—	—	—	28.09	10.0	30.1
8	22.72	13.5	34.5	23.85	3.1	30.2	22.19	19.5	36.9
9	27.47	7.6	38.4	22.78	13.4	32.9	28.19	8.2	39.4
10	28.21	5.9	39.2	29.15	10.8	26.4	27.99	6.9	44.0
11	30.31	7.1	40.0	31.30	10.1	36.1	30.27	7.4	40.1
12	34.39	7.0	38.3	30.41	10.2	34.9	—	—	—
13	38.66	11.2	40.2	—	—	—	38.17	11.5	40.2
Chemistry teachers	32.50	3.2	40.2	—	—	—	—	—	—
Social science teachers, n.e.c.	31.56	1.2	39.3	—	—	—	—	—	—
Mathematical science teachers	29.86	19.7	39.9	—	—	—	—	—	—
Medical science teachers	29.94	17.3	39.1	—	—	—	—	—	—
Health specialties teachers	25.92	3.5	39.6	—	—	—	26.24	3.9	39.6
Business, commerce, and marketing teachers ..	40.86	2.4	30.0	31.78	24.7	12.5	—	—	—
Art, drama, and music teachers	37.88	13.1	37.6	27.15	17.5	30.8	—	—	—
Education teachers	24.48	7.7	25.2	—	—	—	—	—	—
English teachers	26.68	7.1	29.9	—	—	—	27.11	7.1	37.1
Theology teachers	38.70	2.8	39.9	—	—	—	—	—	—
Trade and industrial teachers	31.49	2.9	37.2	—	—	—	31.53	2.8	37.3
Other post-secondary teachers	26.68	8.0	33.0	27.32	8.8	29.1	26.59	8.9	33.6
7	27.47	13.2	24.1	—	—	—	28.13	13.5	23.8
8	19.00	3.5	36.4	—	—	—	—	—	—
11	25.71	11.7	40.0	—	—	—	—	—	—
Teachers, except college and university	25.23	2.5	34.7	13.68	7.4	31.6	26.63	2.7	35.2
4	10.56	3.5	15.6	—	—	—	10.43	4.5	12.6
5	13.43	7.3	25.1	13.22	11.5	36.8	13.66	7.7	18.8
6	13.82	29.3	25.9	—	—	—	22.60	2.2	28.7
7	24.13	5.5	35.7	16.97	4.6	34.6	24.33	5.7	35.7
8	27.85	3.7	35.9	19.67	8.2	32.4	28.00	4.0	36.0
9	26.55	6.7	37.4	—	—	—	28.78	3.2	36.9
Prekindergarten and kindergarten	16.41	16.8	29.9	—	—	—	26.16	8.8	35.3
8	25.84	3.8	34.7	—	—	—	25.84	3.8	34.7
Elementary school teachers	27.78	3.0	36.3	21.07	6.7	39.0	27.89	3.1	36.2
5	19.56	10.6	25.8	22.43	13.5	40.8	—	—	—
6	23.53	.0	37.0	—	—	—	23.53	.0	37.0
7	26.32	7.1	35.8	—	—	—	26.37	7.1	35.8
8	27.77	4.0	36.4	—	—	—	27.93	4.4	36.4
9	29.91	4.2	37.1	25.06	2.5	38.3	29.98	4.2	37.1
Secondary school teachers	27.12	3.9	36.1	22.69	7.5	36.0	27.22	4.0	36.1
5	25.68	18.7	40.0	—	—	—	—	—	—
6	22.52	1.9	34.0	—	—	—	22.52	1.9	34.0
7	24.01	7.2	37.3	—	—	—	24.12	7.4	37.4
8	28.87	4.3	35.4	19.05	9.4	34.8	29.08	4.2	35.4
9	29.04	6.1	35.6	—	—	—	29.05	6.2	35.5
Teachers, special education	25.59	8.0	37.7	—	—	—	25.61	8.0	37.7
7	20.77	8.6	38.7	—	—	—	20.77	8.6	38.7
8	31.49	4.4	34.8	—	—	—	31.59	4.2	34.7
9	30.34	5.1	39.5	—	—	—	30.38	5.1	39.5
Teachers, n.e.c.	22.65	6.5	33.4	15.28	12.9	29.2	23.82	6.0	34.2
5	10.83	6.3	22.8	—	—	—	10.75	9.1	21.6
6	14.49	14.2	31.6	14.49	14.2	31.6	—	—	—
7	24.43	6.8	36.0	—	—	—	25.70	6.1	36.1
8	23.72	8.5	36.9	—	—	—	23.73	8.5	37.6
9	24.64	9.6	37.7	—	—	—	25.04	11.2	37.5
Substitute teachers	10.57	7.0	10.4	—	—	—	10.57	7.0	10.4
5	10.56	13.1	11.3	—	—	—	10.56	13.1	11.3
Vocational and educational counselors	16.40	14.9	37.8	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Librarians, archivists, and curators	\$19.96	15.1	38.4	—	—	—	\$24.07	6.1	37.4
7	20.56	6.6	36.9	—	—	—	20.71	6.5	36.8
8	26.32	4.6	36.6	—	—	—	26.38	4.5	37.0
9	27.95	14.3	38.8	—	—	—	—	—	—
Librarians	19.96	15.1	38.4	—	—	—	24.07	6.1	37.4
7	20.56	6.6	36.9	—	—	—	20.71	6.5	36.8
8	26.32	4.6	36.6	—	—	—	26.38	4.5	37.0
9	27.95	14.3	38.8	—	—	—	—	—	—
Social scientists and urban planners	24.34	3.1	39.8	\$23.86	5.1	40.0	24.69	3.7	39.7
9	23.46	4.8	39.9	24.29	4.8	40.0	—	—	—
Economists	24.46	4.6	40.0	24.46	4.6	40.0	—	—	—
9	24.29	4.8	40.0	24.29	4.8	40.0	—	—	—
Psychologists	25.06	3.8	39.7	—	—	—	25.06	3.8	39.7
Social, recreation, and religious workers	15.17	3.1	39.2	14.55	3.7	39.5	16.50	3.6	38.6
7	14.82	6.6	39.0	14.85	8.0	39.8	14.68	4.2	36.0
8	15.36	2.9	38.6	—	—	—	15.31	3.3	39.7
9	19.20	6.4	39.3	—	—	—	19.06	7.0	40.0
Social workers	15.14	3.1	39.3	14.50	3.7	39.6	16.48	3.7	38.7
7	14.78	6.8	39.1	14.84	8.1	39.8	14.55	4.1	36.4
8	15.39	2.9	38.8	—	—	—	15.31	3.3	39.7
9	19.11	6.5	39.2	—	—	—	19.06	7.0	40.0
Lawyers and judges	30.65	8.1	41.6	35.32	10.4	54.5	28.82	10.7	38.1
12	28.70	12.2	46.9	—	—	—	—	—	—
Lawyers	29.32	5.3	41.7	35.32	10.4	54.5	26.74	5.3	37.9
12	28.70	12.2	46.9	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	18.33	14.1	34.7	18.28	15.0	34.5	19.47	5.7	38.3
6	13.57	5.9	37.2	13.57	5.9	37.2	—	—	—
7	17.61	5.2	40.0	17.58	5.3	40.0	—	—	—
8	18.02	5.5	42.0	18.02	5.5	42.0	—	—	—
12	38.05	4.2	40.0	38.05	4.2	40.0	—	—	—
Not able to be leveled	19.82	21.1	31.4	19.87	23.2	30.8	—	—	—
Designers									
7	18.16	7.6	40.0	—	—	—	—	—	—
Actors and directors	11.86	11.1	36.0	11.86	11.1	36.0	—	—	—
Not able to be leveled	11.86	11.1	36.0	11.86	11.1	36.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	16.16	3.5	39.9	16.16	3.5	39.9	—	—	—
Not able to be leveled	16.16	3.5	39.9	16.16	3.5	39.9	—	—	—
Editors and reporters	20.77	5.1	39.7	20.77	5.1	39.7	—	—	—
Public relations specialists	19.27	20.3	40.1	19.41	20.5	40.1	—	—	—
Athletes	15.37	11.4	28.7	—	—	—	—	—	—
Not able to be leveled	15.37	11.4	28.7	—	—	—	—	—	—
Professional, n.e.c.	35.00	16.3	40.3	35.22	16.3	40.3	—	—	—
9	24.51	3.3	40.0	—	—	—	—	—	—
Technical	16.79	7.3	34.2	17.52	8.4	33.4	13.83	6.2	38.1
4	11.68	7.1	35.2	12.83	10.9	33.1	9.83	5.9	39.1
5	13.83	2.5	35.3	13.57	2.5	35.1	15.32	5.5	36.7
6	16.38	5.0	37.4	16.85	5.0	37.4	14.92	6.3	37.3
7	17.08	3.7	37.6	17.11	4.5	38.0	16.95	5.1	36.3
8	19.19	3.1	37.0	19.99	2.6	36.3	17.17	4.4	38.9
9	25.01	4.3	39.6	26.00	3.2	39.5	—	—	—
Not able to be leveled	16.90	9.2	37.4	16.90	9.2	37.4	—	—	—
Clinical laboratory technologists and technicians	12.95	8.0	39.2	14.50	4.9	38.4	—	—	—
7	15.97	9.8	39.3	15.26	8.5	39.2	—	—	—
Radiological technicians	20.02	10.3	34.9	19.98	11.3	34.5	—	—	—
5	16.08	5.8	27.8	16.08	5.8	27.8	—	—	—
6	21.60	10.2	37.3	21.95	9.9	37.2	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Radiological technicians—Continued									
8	\$20.47	8.2	39.2	—	—	—	—	—	—
Licensed practical nurses	12.73	3.0	34.4	\$13.25	3.0	33.0	\$11.34	7.4	38.5
4	10.55	5.9	33.9	12.17	8.4	30.0	—	—	—
5	13.60	2.6	35.7	13.50	2.7	35.3	14.21	1.8	38.1
6	14.18	4.5	34.7	14.45	4.9	33.7	13.82	7.8	36.2
Health technologists and technicians, n.e.c.	12.38	6.6	34.4	12.00	5.0	34.4	15.74	11.2	34.5
5	12.95	2.7	35.2	12.84	2.8	35.1	—	—	—
6	12.66	4.4	38.1	—	—	—	—	—	—
7	14.78	7.4	38.6	—	—	—	—	—	—
Electrical and electronic technicians	17.27	3.2	39.9	17.19	3.3	40.0	—	—	—
7	18.47	9.0	40.6	18.47	9.0	40.6	—	—	—
8	17.05	7.6	39.8	16.97	7.7	40.6	—	—	—
Engineering technicians, n.e.c.	19.16	4.6	39.7	20.93	3.5	39.4	17.13	4.8	40.0
7	18.21	5.9	40.0	—	—	—	—	—	—
8	19.88	7.2	39.9	22.31	1.6	39.9	—	—	—
Drafters	17.78	3.4	39.2	17.57	4.6	40.0	—	—	—
5	16.17	9.7	37.0	—	—	—	—	—	—
6	17.39	4.9	40.0	17.39	4.9	40.0	—	—	—
7	22.34	5.7	40.0	22.64	5.5	40.0	—	—	—
Chemical technicians	18.95	3.4	40.0	—	—	—	—	—	—
Science technicians, n.e.c.	15.73	1.0	40.0	—	—	—	—	—	—
Computer programmers	22.80	5.3	39.8	23.15	5.6	39.8	—	—	—
8	21.92	4.4	41.8	22.18	4.6	41.9	—	—	—
9	26.73	4.3	40.1	26.73	4.3	40.1	—	—	—
Legal assistants	18.94	10.8	39.0	18.98	11.3	39.6	—	—	—
Technical and related, n.e.c.	16.94	3.5	33.1	17.28	4.6	33.1	15.62	5.2	33.1
7	17.20	14.6	28.0	—	—	—	—	—	—
Not able to be leveled	20.27	13.3	40.0	20.27	13.3	40.0	—	—	—
Executive, administrative, and managerial	28.48	12.0	41.3	28.45	14.6	41.7	28.60	7.8	39.8
5	14.22	5.8	33.6	14.72	8.0	32.2	13.01	6.7	37.5
6	14.62	4.0	40.2	14.35	4.5	40.2	17.09	3.5	39.8
7	16.70	5.3	43.7	16.56	5.5	43.9	19.36	3.0	39.8
8	16.93	13.3	41.3	16.43	15.2	41.6	20.15	5.2	39.8
9	23.40	1.4	41.8	24.08	3.3	42.5	21.55	4.7	40.1
10	46.55	34.8	40.8	49.49	37.7	40.5	29.76	12.3	42.7
11	39.14	11.8	41.5	40.38	13.9	41.5	34.12	3.8	41.2
12	39.27	3.6	41.8	38.79	4.0	41.9	41.69	6.3	41.6
13	69.94	26.2	40.9	77.78	32.4	41.1	54.64	6.1	40.4
14	67.50	9.9	43.8	68.72	10.3	44.1	—	—	—
Not able to be leveled	27.26	6.9	38.5	26.38	9.3	40.2	29.49	2.7	34.6
Executives, administrators, and managers	31.91	16.2	42.2	31.88	19.8	42.7	32.05	6.8	39.9
5	15.47	20.8	41.3	15.87	23.2	42.9	—	—	—
6	13.89	3.6	40.8	13.47	4.3	40.9	—	—	—
7	16.46	6.4	44.7	16.39	6.5	44.8	21.11	5.2	40.0
8	17.62	15.3	42.0	17.37	17.0	42.3	19.75	7.2	39.6
9	23.37	1.8	42.7	24.37	3.9	43.7	20.65	3.8	40.1
10	49.03	36.2	41.0	51.87	39.0	40.6	31.39	13.7	43.3
11	40.37	12.6	41.4	41.94	14.8	41.4	34.50	3.9	41.3
12	38.37	3.3	42.3	37.58	3.4	42.5	41.69	6.3	41.6
13	69.99	26.2	40.9	77.87	32.4	41.1	54.64	6.1	40.4
14	67.53	9.9	43.8	68.76	10.3	44.1	—	—	—
Not able to be leveled	28.33	4.7	37.5	27.33	7.1	40.4	29.49	2.7	34.6
Administrators and officials, public administration	24.88	5.1	40.7	—	—	—	24.90	5.2	40.7
9	21.50	4.5	40.0	—	—	—	21.50	4.5	40.0
11	31.07	6.5	42.4	—	—	—	—	—	—
Financial managers	56.55	32.6	42.0	56.44	37.5	42.3	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Financial managers—Continued									
8	\$21.35	9.5	40.4	\$21.35	9.5	40.4	—	—	—
9	25.53	6.7	44.9	25.53	6.7	44.9	—	—	—
12	37.70	6.1	44.5	37.70	6.1	44.5	—	—	—
Personnel and labor relations managers	30.81	4.1	42.1	29.38	6.2	42.4	—	—	—
Managers, marketing, advertising, and public relations									
11	38.60	8.7	40.7	38.60	8.7	40.7	—	—	—
12	34.78	8.1	40.3	34.78	8.1	40.3	—	—	—
13	37.35	12.3	40.2	37.35	12.3	40.2	—	—	—
13	49.82	9.6	39.6	49.82	9.6	39.6	—	—	—
Administrators, education and related fields	29.50	14.2	40.1	25.92	9.5	39.6	\$30.09	16.0	40.2
7	14.88	4.2	40.0	14.88	4.2	40.0	—	—	—
8	18.51	14.3	36.3	—	—	—	—	—	—
9	19.46	4.3	40.2	—	—	—	19.37	4.1	40.2
10	38.96	12.5	40.1	—	—	—	42.11	11.6	39.7
11	36.17	4.8	40.2	—	—	—	35.93	4.9	40.2
12	40.47	7.4	40.8	34.59	15.5	40.6	41.79	6.9	40.9
Managers, medicine and health	29.05	3.2	40.2	29.26	3.3	40.2	—	—	—
9	26.59	4.1	40.0	27.11	4.2	40.0	—	—	—
Managers, food servicing and lodging establishments									
16.98	11.1	44.1	17.17	11.2	44.8	—	—	—	
Managers, properties and real estate									
17.71	11.9	39.9	15.81	8.6	39.9	—	—	—	
Managers, service organizations, n.e.c.									
17.46	13.8	40.3	—	—	—	—	—	—	
Managers and administrators, n.e.c.									
25.71	7.9	43.5	25.55	8.3	43.5	28.64	9.6	41.9	
7	17.03	8.0	46.1	17.03	8.0	46.1	—	—	
8	21.60	6.1	40.7	21.35	7.1	40.8	—	—	
9	24.28	2.3	44.2	24.56	2.2	44.5	—	—	
11	36.66	6.8	42.2	37.06	7.4	41.9	—	—	
12	38.76	3.5	43.3	38.58	3.7	43.1	—	—	
13	41.48	3.8	42.1	41.69	4.4	41.9	—	—	
14	77.18	17.2	44.5	77.18	17.2	44.5	—	—	
Not able to be leveled	26.59	6.7	40.4	—	—	—	—	—	
Management related									
19.84	6.4	39.3	19.80	7.6	39.2	20.00	6.6	39.6	
5	13.97	4.5	32.4	14.42	6.0	30.3	13.04	7.5	37.9
6	14.90	5.1	40.0	14.69	5.4	40.0	16.95	5.0	39.8
7	17.64	3.6	40.0	17.35	4.3	40.1	18.82	3.7	39.7
8	16.11	21.5	40.5	15.20	26.1	40.6	20.43	7.0	40.0
9	23.46	2.5	39.9	23.39	3.3	39.8	23.66	3.0	40.1
10	25.37	5.0	39.8	26.54	4.0	39.7	—	—	—
11	29.82	6.7	42.1	30.00	7.3	42.3	—	—	—
12	44.51	11.2	39.0	44.51	11.2	39.0	—	—	—
Not able to be leveled	25.59	16.1	40.0	25.59	16.1	40.0	—	—	—
Accountants and auditors									
22.96	11.4	39.7	23.53	12.2	39.7	19.06	5.4	40.0	
5	17.06	9.5	40.0	—	—	—	—	—	
7	18.26	4.0	40.0	17.47	3.6	40.0	—	—	
8	21.07	7.7	40.7	21.20	8.0	40.8	—	—	
9	23.01	7.3	38.9	23.36	6.9	38.9	—	—	
Underwriters	22.29	15.6	39.7	22.29	15.6	39.7	—	—	
Other financial officers									
14.88	24.5	40.2	14.32	26.1	40.3	—	—	—	
6	12.67	6.8	40.0	12.67	6.8	40.0	—	—	
7	15.04	2.4	40.0	—	—	—	—	—	
9	25.30	3.3	40.0	—	—	—	—	—	
11	30.54	6.8	40.0	30.54	6.8	40.0	—	—	
Management analysts	22.19	8.5	40.1	22.24	10.3	40.2	22.06	14.5	40.0
Personnel, training, and labor relations specialists									
17.67	8.7	40.0	17.23	8.5	40.1	21.82	6.4	39.7	
7	17.30	6.3	40.0	17.30	6.8	40.0	—	—	

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Personnel, training, and labor relations specialists—Continued									
9	\$23.34	5.0	40.5	—	—	—	—	—	—
Buyers, wholesale and retail trade, except farm products	22.72	7.9	41.3	\$22.72	7.9	41.3	—	—	—
Purchasing agents and buyers, n.e.c.	20.30	9.8	40.4	18.70	10.4	40.5	—	—	—
Construction inspectors	19.07	6.1	40.0	—	—	—	\$19.07	6.1	40.0
6	16.58	6.0	40.0	—	—	—	16.58	6.0	40.0
Inspectors and compliance officers, except construction	21.86	5.5	40.3	—	—	—	21.45	7.0	39.9
Management related, n.e.c.	20.00	5.6	36.4	21.17	4.6	35.5	16.78	12.1	38.9
5	13.30	5.1	26.9	14.41	11.8	19.7	—	—	—
6	18.95	11.7	40.0	18.95	11.7	40.0	—	—	—
7	19.18	6.7	39.7	19.26	10.8	39.6	—	—	—
8	16.39	6.5	39.8	17.48	5.3	39.8	—	—	—
9	23.49	3.5	40.1	24.24	4.6	39.9	—	—	—
11	28.53	4.3	43.5	—	—	—	—	—	—
Not able to be leveled	21.57	9.1	40.3	21.57	9.1	40.3	—	—	—
Sales									
.....	12.23	6.0	31.0	12.24	6.0	31.1	9.75	9.2	19.2
1	6.94	3.8	24.9	6.94	3.8	24.9	—	—	—
2	6.84	3.6	24.5	6.83	3.6	24.6	—	—	—
3	7.88	4.5	26.2	7.88	4.5	26.2	—	—	—
4	10.86	4.4	38.5	10.86	4.4	38.5	—	—	—
5	13.13	7.3	41.3	13.12	7.3	41.3	—	—	—
6	18.35	6.9	41.6	18.35	6.9	41.6	—	—	—
7	17.34	8.3	41.1	17.34	8.3	41.1	—	—	—
8	19.63	8.4	41.0	19.63	8.4	41.0	—	—	—
9	34.06	17.2	43.7	34.06	17.2	43.7	—	—	—
10	31.91	5.3	40.1	31.91	5.3	40.1	—	—	—
11	39.01	9.4	42.0	39.01	9.4	42.0	—	—	—
Not able to be leveled	23.03	26.9	32.0	23.03	26.9	32.0	—	—	—
Supervisors, sales	15.83	6.8	41.8	15.84	6.8	41.8	—	—	—
4	9.64	3.8	40.9	9.64	3.9	40.9	—	—	—
5	10.30	13.6	42.1	10.30	13.6	42.1	—	—	—
6	17.97	5.9	44.1	17.97	5.9	44.1	—	—	—
7	16.30	9.5	42.1	16.30	9.5	42.1	—	—	—
8	19.07	11.6	40.5	19.07	11.6	40.5	—	—	—
Insurance sales	22.37	13.2	40.3	22.37	13.2	40.3	—	—	—
Advertising and related sales	18.62	21.6	40.3	18.62	21.6	40.3	—	—	—
Sales, other business services	12.13	19.1	29.4	12.13	19.1	29.4	—	—	—
5	20.35	12.2	40.2	20.35	12.2	40.2	—	—	—
Sales representatives, mining, manufacturing, and wholesale	22.46	25.5	39.9	22.46	25.5	39.9	—	—	—
Sales workers, motor vehicles and boats	16.38	19.3	45.8	16.38	19.3	45.8	—	—	—
Sales workers, apparel	9.61	23.1	29.1	9.61	23.1	29.1	—	—	—
3	7.37	12.2	29.2	7.37	12.2	29.2	—	—	—
Sales workers, hardware and building supplies	12.13	6.8	38.7	12.13	6.8	38.7	—	—	—
Sales workers, parts	11.33	8.7	38.3	11.33	8.7	38.3	—	—	—
4	12.45	4.2	41.3	12.45	4.2	41.3	—	—	—
Sales workers, other commodities	10.37	11.5	27.6	10.38	11.6	27.6	—	—	—
3	7.65	2.4	26.2	7.66	2.4	26.3	—	—	—
4	10.89	4.2	35.6	10.89	4.2	35.6	—	—	—
5	12.28	6.8	40.6	12.28	6.8	40.6	—	—	—
Sales counter clerks	7.34	4.9	28.6	7.34	4.9	28.6	—	—	—
1	6.03	2.3	32.9	6.03	2.3	32.9	—	—	—
3	8.88	2.3	33.4	8.88	2.3	33.4	—	—	—
Cashiers	7.61	2.6	25.3	7.60	2.6	25.3	10.18	10.8	18.4

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Cashiers—Continued									
1	\$7.40	3.0	25.9	\$7.40	3.0	25.9	—	—	—
2	6.81	5.6	25.1	6.79	5.7	25.2	—	—	—
3	8.08	4.3	23.9	8.08	4.3	23.9	—	—	—
4	10.24	4.7	37.0	10.25	4.7	37.1	—	—	—
Demonstrators, promoters, and models, sales ..	9.93	10.8	25.9	9.93	10.8	25.9	—	—	—
Sales support, n.e.c.	12.48	9.1	37.2	12.48	9.1	37.2	—	—	—
Administrative support, including clerical									
1	11.87	3.4	36.8	11.53	3.1	36.7	\$13.17	7.2	37.1
2	7.83	5.9	28.5	7.64	6.6	29.2	8.49	5.3	26.2
3	9.16	3.1	34.3	8.89	3.0	34.7	10.15	6.7	32.9
4	9.62	3.3	35.4	9.45	3.4	35.6	11.33	4.6	33.4
5	11.13	1.9	36.6	10.88	2.2	36.4	12.10	4.9	37.7
6	13.69	3.1	39.6	13.47	3.3	39.6	14.22	3.7	39.7
7	15.60	4.0	39.3	16.42	3.5	39.3	14.26	6.8	39.5
8	17.63	4.0	39.5	17.56	4.9	39.9	17.78	5.9	38.8
9	21.01	6.4	44.0	21.57	5.8	44.4	—	—	—
Not able to be leveled	20.26	3.7	40.0	20.63	3.8	40.0	—	—	—
Supervisors, general office	13.69	7.0	37.7	13.72	7.2	37.7	—	—	—
5	17.50	8.1	40.6	17.96	11.9	40.9	16.66	4.2	40.0
7	14.99	2.4	40.0	15.04	3.0	40.0	—	—	—
8	20.13	17.2	40.9	—	—	—	—	—	—
Supervisors, financial records processing	17.81	5.5	43.0	—	—	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	16.52	12.4	41.7	16.47	13.3	41.9	—	—	—
Computer operators	15.70	7.7	39.9	17.68	5.9	39.9	—	—	—
Secretaries	14.09	5.2	39.9	14.21	5.3	39.9	—	—	—
2	12.98	6.3	38.3	11.91	5.7	37.8	14.48	9.8	38.9
3	10.28	9.9	34.7	—	—	—	11.38	11.2	32.3
4	10.00	5.4	35.8	9.42	2.6	36.0	—	—	—
5	11.10	5.5	37.6	10.14	6.8	36.6	12.42	7.3	39.0
6	14.02	5.2	39.7	13.35	4.7	39.6	15.26	5.9	39.8
7	14.56	10.1	39.3	15.49	8.3	38.3	14.07	13.3	39.9
Not able to be leveled	18.62	4.1	39.8	16.67	2.9	39.4	—	—	—
Stenographers	17.03	9.0	39.6	17.38	9.9	40.0	—	—	—
Typists	10.81	11.9	39.3	10.81	11.9	39.3	—	—	—
4	11.71	5.8	39.8	10.78	8.1	39.9	11.95	6.2	39.8
5	10.88	7.2	39.7	—	—	—	10.83	7.9	39.7
Hotel clerks	13.47	1.2	40.0	—	—	—	—	—	—
Receptionists	7.54	4.6	27.4	7.54	4.6	27.4	—	—	—
1	9.59	3.7	33.0	9.53	3.7	33.0	11.36	7.6	33.5
2	8.86	13.4	28.6	—	—	—	—	—	—
3	8.72	1.9	35.9	8.70	2.0	35.8	—	—	—
4	9.89	7.3	33.3	9.75	7.7	33.2	12.24	8.8	36.2
Information clerks, n.e.c.	10.17	5.5	29.8	10.17	5.6	30.1	—	—	—
3	12.81	3.4	34.6	12.52	3.9	35.9	—	—	—
4	9.36	4.8	33.5	8.97	2.9	32.8	—	—	—
Correspondence clerks	13.20	4.8	36.9	13.35	6.8	35.5	—	—	—
Order clerks	13.21	8.5	40.0	—	—	—	—	—	—
4	12.32	9.6	38.4	12.32	9.6	38.4	—	—	—
5	11.38	6.5	40.0	11.38	6.5	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	14.96	8.3	39.8	14.96	8.3	39.8	—	—	—
4	11.45	7.0	38.9	11.43	7.2	38.9	—	—	—
Library clerks	11.13	5.5	37.4	11.06	5.6	37.2	—	—	—
1	9.81	9.5	25.0	—	—	—	9.74	9.7	24.7
3	7.37	9.1	15.5	—	—	—	7.37	9.1	15.5
4	8.36	13.0	26.5	—	—	—	8.34	13.3	26.3
File clerks	11.11	9.5	21.9	—	—	—	11.10	9.7	21.7
	9.60	4.1	38.5	9.60	4.1	38.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
File clerks—Continued									
2	\$9.26	1.6	39.8	\$9.26	1.6	39.8	—	—	—
Records clerks, n.e.c.	10.89	5.4	37.7	10.80	5.9	37.5	\$11.82	4.6	39.3
3	9.99	4.6	37.1	9.98	4.6	37.2	—	—	—
4	11.35	5.4	37.8	11.25	5.9	37.6	—	—	—
5	14.54	3.9	40.7	15.03	3.7	40.9	—	—	—
6	16.37	15.1	39.4	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks ...	11.48	3.2	38.6	11.13	3.5	38.5	13.87	5.4	39.0
2	10.90	9.4	38.4	10.89	10.4	38.2	—	—	—
3	10.35	4.6	37.4	10.33	4.7	37.4	—	—	—
4	10.65	3.8	38.7	10.29	3.4	38.9	12.89	3.3	37.5
5	11.47	8.3	39.6	11.40	8.5	39.6	—	—	—
6	12.89	9.3	37.4	—	—	—	—	—	—
7	16.37	3.0	39.8	16.51	3.7	39.7	15.93	2.1	40.0
Payroll and timekeeping clerks	16.44	7.3	27.5	16.64	8.3	25.4	—	—	—
Billing clerks	12.66	6.6	37.2	12.42	6.9	36.8	—	—	—
Office machine operators, n.e.c.	8.53	9.1	36.2	8.53	9.1	36.2	—	—	—
Telephone operators	12.84	10.9	36.5	12.84	10.9	36.5	—	—	—
Mail clerks, except postal service	8.99	5.6	38.0	8.99	6.3	37.8	—	—	—
Messengers	8.13	7.7	28.3	8.04	8.3	27.6	—	—	—
Dispatchers	14.26	6.4	38.6	15.99	8.9	38.3	12.76	4.4	38.9
4	14.72	17.1	40.0	—	—	—	—	—	—
5	13.33	12.9	38.4	—	—	—	—	—	—
Production coordinators	17.52	3.8	39.9	17.52	3.8	39.9	—	—	—
7	19.72	2.3	40.3	19.72	2.3	40.3	—	—	—
Traffic, shipping and receiving clerks	11.95	9.8	39.6	11.95	9.8	39.6	—	—	—
3	9.16	7.2	39.6	9.06	6.7	39.6	—	—	—
4	10.38	1.9	39.3	10.38	1.9	39.3	—	—	—
Stock and inventory clerks	10.44	5.2	37.4	10.28	5.5	37.4	15.67	7.6	37.0
3	9.77	7.1	35.3	9.77	7.1	35.3	—	—	—
4	10.92	9.1	37.5	10.41	8.0	37.3	—	—	—
5	12.63	5.8	40.0	12.63	5.8	40.0	—	—	—
Weighers, measurers, checkers, and samplers	13.96	25.2	19.8	14.48	25.8	26.6	—	—	—
Expeditors	16.94	5.3	36.8	16.94	5.3	36.8	—	—	—
Material recording, scheduling, and distribution	11.67	15.5	36.4	11.66	15.6	36.4	—	—	—
clerks, n.e.c.	10.11	7.7	25.5	—	—	—	—	—	—
4	13.59	6.5	38.7	13.59	6.5	38.7	—	—	—
Insurance adjusters, examiners, and	11.00	6.5	38.6	11.00	6.5	38.6	—	—	—
investigators	17.40	2.9	38.7	17.40	2.9	38.7	—	—	—
7	11.44	4.0	39.5	11.39	4.1	39.5	—	—	—
Investigators and adjusters, except insurance ...	10.19	3.0	39.8	10.19	4.0	39.8	—	—	—
3	11.24	4.9	39.4	11.10	4.7	39.3	—	—	—
4	12.87	14.9	39.7	12.87	14.9	39.7	—	—	—
5	15.27	4.2	40.0	—	—	—	—	—	—
6	13.15	6.9	39.3	—	—	—	13.99	4.7	40.0
Eligibility clerks, social welfare	13.39	4.0	40.0	—	—	—	13.39	4.0	40.0
6	13.66	5.1	39.1	13.21	4.8	39.0	—	—	—
Bill and account collectors	15.00	3.6	40.0	—	—	—	—	—	—
6	11.43	5.5	36.9	10.73	4.0	36.6	12.74	5.3	37.4
General office clerks	8.28	10.2	30.3	8.07	11.8	32.4	—	—	—
1	10.05	4.0	36.0	9.70	4.9	33.3	10.47	7.2	39.9
2	9.91	3.1	36.3	9.56	3.1	36.4	11.32	6.6	35.6
3	11.87	4.5	38.3	11.21	2.9	39.2	13.38	7.7	36.3
4	14.30	2.2	39.3	15.05	6.0	37.7	13.98	1.2	40.0
5	16.01	7.4	40.0	17.50	5.1	40.0	—	—	—
6	13.36	6.5	36.5	13.36	6.5	36.5	—	—	—
Not able to be leveled	8.28	3.6	32.0	8.28	3.6	32.0	—	—	—
Bank tellers									

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Bank tellers—Continued									
2	\$7.09	4.6	28.5	\$7.09	4.6	28.5	—	—	—
3	8.05	5.9	31.3	8.05	5.9	31.3	—	—	—
4	9.53	4.1	36.9	9.53	4.1	36.9	—	—	—
Data entry keyers	10.70	4.2	38.8	10.97	3.6	38.5	—	—	—
2	9.91	6.8	36.0	9.91	6.8	36.0	—	—	—
3	10.68	4.1	38.7	—	—	—	—	—	—
4	9.97	5.3	39.3	10.54	2.4	39.0	—	—	—
Statistical clerks	12.68	6.3	39.4	12.68	6.3	39.4	—	—	—
Teachers' aides	9.66	5.7	30.3	10.12	3.7	38.1	\$9.65	5.8	30.1
1	8.26	7.3	27.4	—	—	—	8.26	7.3	27.4
2	9.63	9.2	32.8	—	—	—	9.64	9.2	32.8
3	9.38	9.5	25.3	—	—	—	9.38	9.6	25.2
4	11.35	8.6	31.3	—	—	—	11.46	9.6	30.6
Administrative support, n.e.c.	11.92	5.9	36.3	11.90	6.4	36.0	12.13	6.1	38.7
3	11.01	5.5	38.8	10.63	7.1	39.3	12.48	7.9	37.4
4	11.77	5.8	33.2	11.89	6.1	32.4	10.97	4.6	39.4
5	11.56	9.6	39.7	11.57	9.7	39.7	—	—	—
6	15.30	3.9	40.0	14.84	3.7	40.0	—	—	—
7	16.41	3.9	40.4	16.70	3.2	40.4	—	—	—
Blue collar	13.46	2.8	38.0	13.36	2.9	38.1	15.28	2.5	36.5
1	8.73	3.3	32.7	8.75	3.3	33.0	7.60	9.9	18.9
2	9.99	3.0	35.5	9.96	3.1	35.9	12.71	10.0	20.0
3	11.71	3.2	38.4	11.67	3.2	38.6	12.98	6.0	35.3
4	11.81	2.7	37.9	11.78	2.8	38.0	12.75	4.5	36.0
5	14.69	1.9	40.2	14.68	2.0	40.4	14.82	4.7	37.9
6	15.78	1.6	41.2	15.91	1.8	41.3	14.31	6.1	40.0
7	19.11	3.1	40.0	19.38	3.7	40.1	16.51	3.9	39.8
8	21.76	2.7	40.1	21.92	2.4	40.2	21.04	9.4	40.0
9	22.63	5.1	40.2	22.62	5.6	40.2	22.75	3.4	40.0
Precision production, craft, and repair	16.87	3.3	39.9	16.84	3.7	39.9	17.31	2.9	40.0
1	9.14	5.0	35.2	9.14	5.0	35.2	—	—	—
2	8.36	4.6	40.0	8.32	4.6	40.0	—	—	—
4	11.83	3.3	38.8	11.77	3.3	38.7	—	—	—
5	14.99	4.9	39.9	14.93	5.1	39.9	16.01	5.0	40.0
6	15.19	2.7	40.7	15.18	2.8	40.7	15.34	3.7	40.0
7	19.26	3.9	40.0	19.49	4.3	40.0	17.06	2.4	39.9
8	21.86	2.9	40.0	22.03	2.5	40.0	21.17	9.8	40.0
9	22.06	5.1	40.1	21.96	5.3	40.1	23.62	2.5	40.0
Supervisors, mechanics and repairers	20.07	7.4	41.5	20.00	8.1	41.6	—	—	—
7	19.35	13.3	41.2	19.66	14.1	41.3	—	—	—
9	24.35	5.5	40.2	24.73	5.6	40.2	—	—	—
Automobile mechanics	15.91	6.2	40.1	15.95	6.4	40.1	—	—	—
5	13.99	10.6	40.1	14.03	11.0	40.1	—	—	—
Bus, truck, and stationary engine mechanics	13.11	6.7	40.6	12.65	7.2	40.7	16.11	4.5	40.0
6	11.99	8.4	41.0	11.65	8.9	41.1	—	—	—
7	16.99	5.0	40.0	16.34	6.0	40.0	—	—	—
Automobile body and related repairers	17.43	7.7	42.6	17.43	7.7	42.6	—	—	—
Heavy equipment mechanics	18.97	4.4	40.1	18.99	6.9	40.2	—	—	—
7	18.90	4.6	40.1	18.99	6.9	40.2	—	—	—
Industrial machinery repairers									
5	17.62	9.2	39.7	17.62	9.2	39.7	—	—	—
6	18.61	10.0	40.0	18.61	10.0	40.0	—	—	—
Machinery maintenance	17.21	9.3	39.4	17.21	9.3	39.4	—	—	—
Electronic repairers, communications and industrial equipment	18.39	5.5	39.7	19.71	3.9	40.0	—	—	—
7	19.02	10.3	39.4	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Heating, air conditioning, and refrigeration mechanics	\$16.40	7.7	40.0	\$16.42	7.8	40.0	—	—	—
Millwrights	21.02	12.8	40.0	21.02	12.8	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.92	3.6	39.8	17.10	3.7	39.7	\$15.08	6.1	40.0
5	16.13	4.7	39.1	—	—	—	—	—	—
6	14.73	3.5	40.0	14.61	5.0	40.0	—	—	—
7	17.69	4.1	40.0	17.73	4.3	40.0	17.08	5.3	40.0
Supervisors, construction trades, n.e.c.	19.87	7.1	40.8	24.00	7.5	42.8	18.08	3.5	40.0
Carpenters	17.63	5.9	39.9	17.52	6.2	39.9	—	—	—
7	18.94	3.9	39.9	18.98	4.2	39.9	—	—	—
Electricians	22.87	11.7	40.0	24.69	10.0	40.0	16.83	6.3	40.0
7	22.85	13.4	40.0	—	—	—	—	—	—
8	23.41	7.7	40.0	—	—	—	—	—	—
9	23.07	4.2	40.0	—	—	—	—	—	—
Electrical power installers and repairers	21.26	1.9	40.0	—	—	—	—	—	—
7	21.26	1.9	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	20.58	14.2	40.0	20.66	14.5	40.0	—	—	—
7	25.20	3.9	40.0	25.20	3.9	40.0	—	—	—
Construction trades, n.e.c.	16.35	3.6	40.9	—	—	—	14.26	6.1	40.0
7	17.11	9.9	43.0	—	—	—	—	—	—
Supervisors, production	20.53	3.4	40.2	21.06	3.2	40.3	—	—	—
6	14.59	4.7	40.0	14.59	4.7	40.0	—	—	—
7	16.99	3.2	40.6	18.25	9.6	40.9	—	—	—
8	21.87	4.9	40.0	21.44	4.5	40.0	—	—	—
9	24.34	4.1	40.2	24.19	4.6	40.2	—	—	—
Tool and die makers	22.87	3.8	40.0	22.87	3.8	40.0	—	—	—
7	24.35	4.6	40.0	24.35	4.6	40.0	—	—	—
Machinists	17.72	6.3	40.0	17.69	6.3	40.0	—	—	—
7	16.88	6.5	40.0	16.88	6.5	40.0	—	—	—
Sheet metal workers	21.28	3.7	39.9	21.28	3.7	39.9	—	—	—
Electrical and electronic equipment assemblers	9.78	5.8	40.0	9.78	5.8	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.84	21.4	40.0	14.84	21.4	40.0	—	—	—
Inspectors, testers, and graders	19.89	18.0	40.0	19.89	18.0	40.0	—	—	—
7	22.35	6.1	40.0	22.35	6.1	40.0	—	—	—
Water and sewer treatment plant operators	14.71	16.6	40.0	—	—	—	19.05	3.5	40.0
7	19.44	4.8	40.0	—	—	—	19.44	4.8	40.0
Stationary engineers	18.06	5.1	40.0	18.95	5.2	40.0	—	—	—
7	18.56	4.6	40.0	18.59	5.3	40.0	—	—	—
Machine operators, assemblers, and inspectors									
1	12.90	4.8	38.8	12.90	4.8	38.8	—	—	—
2	9.60	3.2	39.0	9.60	3.2	39.0	—	—	—
3	10.38	6.3	35.6	10.38	6.3	35.6	—	—	—
4	14.77	4.1	40.0	14.77	4.1	40.0	—	—	—
5	12.73	3.9	39.9	12.73	3.9	39.9	—	—	—
6	14.50	2.9	40.0	14.50	2.9	40.0	—	—	—
7	15.79	3.1	39.9	15.79	3.1	39.9	—	—	—
9	17.85	2.1	39.9	17.85	2.1	39.9	—	—	—
Punching and stamping press operators	21.90	7.2	40.0	21.90	7.2	40.0	—	—	—
5	12.46	5.7	38.9	12.46	5.7	38.9	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.76	8.6	40.0	13.76	8.6	40.0	—	—	—
Numerical control machine operators	13.30	9.2	40.0	13.30	9.2	40.0	—	—	—
Fabricating machine operators, n.e.c.	16.72	10.8	40.0	16.72	10.8	40.0	—	—	—
5	12.35	5.2	40.0	12.35	5.2	40.0	—	—	—
Molding and casting machine operators	13.84	4.9	40.0	13.84	4.9	40.0	—	—	—
Printing press operators	12.33	6.1	39.8	12.33	6.1	39.8	—	—	—
5	16.71	6.3	38.8	16.71	6.3	38.8	—	—	—
7	14.28	6.5	38.9	14.28	6.5	38.9	—	—	—
Laundry and dry cleaning machine operators	19.31	5.6	39.9	19.31	5.6	39.9	—	—	—
7	7.25	1.4	28.4	7.26	1.4	28.4	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Laundering and dry cleaning machine operators—Continued									
1	\$7.18	2.0	37.1	\$7.18	2.0	37.2	—	—	—
Packaging and filling machine operators	12.01	14.7	39.4	12.01	14.7	39.4	—	—	—
4	13.92	4.8	40.0	13.92	4.8	40.0	—	—	—
Extruding and forming machine operators	11.14	15.0	39.4	11.14	15.0	39.4	—	—	—
Mixing and blending machine operators	14.09	5.5	40.0	14.09	5.5	40.0	—	—	—
Painting and paint spraying machine operators	15.69	7.6	40.0	15.69	7.6	40.0	—	—	—
5	13.31	4.5	40.0	13.31	4.5	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.01	3.9	40.0	15.01	3.9	40.0	—	—	—
Slicing and cutting machine operators	14.55	11.3	39.9	14.55	11.3	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.38	9.4	39.5	13.38	9.4	39.5	—	—	—
1	9.38	5.5	35.4	9.38	5.5	35.4	—	—	—
3	10.92	8.1	39.9	10.92	8.1	39.9	—	—	—
5	15.30	7.1	40.0	15.30	7.1	40.0	—	—	—
6	16.60	5.8	40.0	16.60	5.8	40.0	—	—	—
Welders and cutters	13.33	6.6	40.0	13.33	6.6	40.0	—	—	—
4	9.32	7.5	40.0	9.32	7.5	40.0	—	—	—
5	14.34	5.6	40.0	14.34	5.6	40.0	—	—	—
7	16.70	3.6	40.0	16.70	3.6	40.0	—	—	—
Assemblers	12.62	7.5	37.1	12.62	7.5	37.1	—	—	—
2	9.37	11.3	31.5	9.37	11.3	31.5	—	—	—
3	18.48	7.5	40.0	18.48	7.5	40.0	—	—	—
4	15.38	6.6	40.0	15.38	6.6	40.0	—	—	—
5	14.33	4.9	39.9	14.33	4.9	39.9	—	—	—
Miscellaneous hand working, n.e.c.	14.61	3.8	40.0	14.61	3.8	40.0	—	—	—
Production inspectors, checkers and examiners	14.22	6.3	39.4	14.22	6.3	39.4	—	—	—
Production testers	17.51	8.0	40.0	17.51	8.0	40.0	—	—	—
Transportation and material moving	12.68	4.8	37.4	12.58	5.1	37.8	\$13.86	5.2	33.3
1	8.27	4.7	31.8	8.19	4.8	32.1	—	—	—
2	11.83	4.7	30.4	11.60	4.6	33.2	13.23	12.4	20.3
3	10.64	4.8	36.8	10.47	4.6	37.0	13.56	8.9	32.5
4	11.75	6.9	36.1	11.67	7.2	36.1	13.60	4.3	34.6
5	14.72	3.2	41.4	14.70	3.4	42.3	14.94	2.8	34.3
6	17.61	6.0	45.6	18.67	4.8	47.1	—	—	—
7	19.12	12.3	41.6	21.87	9.2	42.6	—	—	—
9	26.06	9.5	41.1	26.79	10.3	41.3	—	—	—
Supervisors, motor vehicle operators	19.83	5.0	41.7	—	—	—	—	—	—
Truck drivers	11.71	5.6	40.3	11.70	5.7	40.3	12.46	12.3	40.0
2	12.30	7.4	32.3	11.57	7.5	31.7	—	—	—
3	9.74	3.6	38.2	9.76	3.5	38.2	—	—	—
4	10.46	10.5	40.3	10.37	10.8	40.3	—	—	—
5	14.29	4.6	42.6	14.32	4.6	42.7	—	—	—
6	18.37	5.4	47.8	18.37	5.4	47.8	—	—	—
Driver-sales workers	12.13	18.3	32.0	12.13	18.3	32.0	—	—	—
Bus drivers	12.78	3.9	22.4	11.38	2.9	20.2	14.70	3.5	26.3
2	11.21	5.7	24.2	—	—	—	12.02	12.6	18.5
3	14.43	5.1	28.6	—	—	—	15.86	3.3	28.9
4	12.20	3.4	17.8	11.97	2.7	17.4	—	—	—
5	15.33	1.8	32.3	—	—	—	15.19	1.5	31.4
Taxicab drivers and chauffeurs	10.16	8.0	32.3	—	—	—	—	—	—
Motor transportation, n.e.c.	7.38	6.3	29.8	7.38	6.3	29.8	—	—	—
1	7.92	5.2	39.0	7.92	5.2	39.0	—	—	—
Supervisors, material moving equipment	20.75	4.8	42.0	20.75	4.8	42.0	—	—	—
Operating engineers	17.29	3.3	40.0	—	—	—	14.94	8.4	40.0
Excavating and loading machine operators	21.18	4.6	40.0	—	—	—	—	—	—
Grader, dozer, and scrapper operators	13.24	5.4	40.0	—	—	—	12.09	4.1	40.0
Industrial truck and tractor equipment operators	13.60	4.1	39.8	13.60	4.1	39.8	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Industrial truck and tractor equipment operators—Continued									
2	\$12.76	7.9	40.0	\$12.76	7.9	40.0	—	—	—
4	13.94	7.1	40.0	13.94	7.1	40.0	—	—	—
5	13.88	5.3	40.0	13.88	5.3	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.									
4	18.53	7.3	39.6	19.42	6.8	39.6	—	—	—
	16.27	11.0	40.0	17.95	7.8	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	10.27	2.4	35.7	10.14	2.4	35.7	\$13.08	5.3	34.7
1	8.48	4.6	31.0	8.50	4.6	31.3	6.62	5.5	17.4
2	9.68	4.3	35.8	9.67	4.3	36.0	—	—	—
3	11.34	4.5	39.0	11.30	4.7	39.0	12.07	4.3	40.0
4	11.24	4.1	38.3	11.23	4.3	38.3	11.51	5.0	35.9
5	14.23	2.9	39.2	14.35	2.4	38.9	13.99	9.8	40.0
6	16.32	5.1	40.0	17.54	4.0	40.0	14.84	4.1	40.0
7	19.21	5.8	36.5	18.52	4.2	35.6	—	—	—
Supervisors, agriculture-related workers	19.74	4.2	40.0	—	—	—	19.74	4.2	40.0
Groundskeepers and gardeners, except farm ...	10.84	5.7	31.6	9.14	8.4	33.8	13.49	8.7	28.7
1	7.10	3.6	22.9	—	—	—	—	—	—
3	12.12	6.1	36.7	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.45	5.6	39.5	16.17	6.5	39.4	—	—	—
Helpers, construction trades	9.65	7.6	38.3	9.65	7.6	38.3	—	—	—
Construction laborers	13.19	10.3	39.8	13.31	12.4	39.7	12.47	9.1	40.0
2	14.83	12.0	39.8	14.83	12.0	39.8	—	—	—
4	15.92	10.9	39.7	—	—	—	12.02	7.8	40.0
Production helpers	10.88	6.5	38.7	10.88	6.5	38.7	—	—	—
1	8.19	15.6	37.4	8.19	15.6	37.4	—	—	—
2	10.12	2.1	37.4	10.12	2.1	37.4	—	—	—
Stock handlers and baggers	9.71	5.5	27.3	9.72	5.5	27.4	—	—	—
1	7.20	7.1	23.0	7.20	7.1	23.1	—	—	—
2	9.24	9.9	25.2	9.24	9.9	25.2	—	—	—
3	12.71	6.7	38.3	12.72	6.7	38.3	—	—	—
4	13.11	6.7	36.2	13.11	6.7	36.2	—	—	—
5	13.85	2.8	37.2	13.85	2.8	37.2	—	—	—
Machine feeders and offbearers	9.20	7.1	39.1	9.20	7.1	39.1	—	—	—
1	11.47	9.0	40.0	11.47	9.0	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.	11.15	5.4	37.4	11.15	5.4	37.4	—	—	—
1	9.72	3.4	35.7	9.72	3.4	35.7	—	—	—
2	9.10	3.1	37.3	9.10	3.1	37.3	—	—	—
3	14.54	11.5	38.6	14.54	11.5	38.6	—	—	—
4	12.06	9.0	39.5	12.06	9.0	39.5	—	—	—
Garage and service station related									
3	12.14	20.3	37.9	12.14	20.3	37.9	—	—	—
Vehicle washers and equipment cleaners	9.47	9.6	38.7	9.47	9.6	38.7	—	—	—
1	8.53	6.2	37.9	8.53	6.2	37.9	—	—	—
Hand packers and packagers	9.07	6.4	37.7	9.07	6.4	37.7	—	—	—
1	9.11	4.8	33.8	9.11	4.8	33.8	—	—	—
3	9.34	13.0	40.0	9.34	13.0	40.0	—	—	—
4	10.71	6.3	40.0	10.71	6.3	40.0	—	—	—
Laborers, except construction, n.e.c.	9.83	4.3	36.6	9.74	4.5	36.8	11.87	7.4	33.9
1	8.43	10.3	34.3	8.48	10.4	34.5	—	—	—
2	9.47	3.4	38.0	9.46	3.4	38.5	—	—	—
3	12.42	5.7	38.9	12.46	6.6	38.7	12.19	7.7	40.0
5	14.42	4.3	40.0	14.64	5.2	40.0	—	—	—
Service	9.48	4.3	29.8	8.49	4.1	28.7	13.79	3.4	35.8

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
1	\$6.82	3.9	23.2	\$6.72	4.5	22.9	\$8.08	4.6	27.3
2	7.46	6.1	29.7	6.91	6.1	29.0	9.58	4.8	32.3
3	8.78	5.7	30.2	8.54	6.5	29.9	10.83	4.1	32.4
4	10.33	3.4	36.3	9.84	3.8	35.8	12.23	3.9	38.1
5	12.36	5.6	36.6	11.92	7.5	35.2	13.18	3.7	39.6
6	12.66	4.3	40.4	11.90	5.3	40.6	13.87	5.5	40.3
7	17.40	4.5	30.3	—	—	—	19.08	1.7	41.9
8	18.41	6.6	39.9	17.39	9.3	35.2	18.71	8.1	41.6
9	20.32	4.8	39.9	—	—	—	20.24	4.9	39.9
10	23.86	4.6	43.0	—	—	—	23.86	4.6	43.0
Not able to be leveled	9.31	2.5	35.9	9.21	2.6	35.9	—	—	—
Protective service	15.56	4.6	37.9	10.16	12.2	32.6	17.66	4.7	40.4
2	6.91	16.2	27.3	—	—	—	12.18	7.7	36.0
3	10.71	3.7	25.3	10.55	5.5	28.6	—	—	—
4	—	—	—	—	—	—	15.08	7.1	37.6
5	12.18	2.6	40.6	—	—	—	12.24	3.0	40.8
6	13.68	5.0	40.4	—	—	—	13.87	5.7	40.4
7	18.34	3.3	42.7	—	—	—	18.47	3.4	42.8
8	18.74	8.1	39.9	—	—	—	18.80	8.4	41.7
9	20.28	4.9	39.9	—	—	—	20.24	4.9	39.9
10	23.77	5.0	43.2	—	—	—	23.77	5.0	43.2
Supervisors, firefighters and fire prevention	18.94	9.1	49.7	—	—	—	—	—	—
Supervisors, police and detectives	26.08	1.2	40.0	—	—	—	26.08	1.2	40.0
9	25.27	1.7	40.0	—	—	—	25.27	1.7	40.0
Supervisors, guards	20.35	12.3	40.0	—	—	—	—	—	—
Firefighting	14.53	4.9	46.0	—	—	—	14.53	4.9	46.0
7	16.00	6.1	51.6	—	—	—	16.00	6.1	51.6
Police and detectives, public service	19.24	3.9	39.8	—	—	—	19.14	3.9	39.8
6	16.05	6.3	40.2	—	—	—	16.05	6.3	40.2
7	20.19	2.2	39.6	—	—	—	20.19	2.2	39.6
9	18.97	4.0	39.9	—	—	—	18.97	4.0	39.9
Sheriffs, bailiffs, and other law enforcement officers	17.76	3.3	38.6	—	—	—	17.76	3.3	38.6
7	17.56	4.8	40.0	—	—	—	17.56	4.8	40.0
Correctional institution officers	14.29	6.8	39.3	—	—	—	14.29	6.8	39.3
5	12.02	2.9	40.0	—	—	—	12.02	2.9	40.0
6	13.69	5.4	37.4	—	—	—	13.69	5.4	37.4
Guards and police, except public service	9.89	12.9	32.9	9.71	13.8	32.8	15.10	18.7	37.0
3	10.69	3.9	30.8	10.55	5.5	28.6	—	—	—
Protective service, n.e.c.	8.39	9.3	20.4	—	—	—	—	—	—
2	7.25	6.1	22.4	—	—	—	—	—	—
Food service	7.74	6.4	27.6	7.70	6.7	27.7	8.59	3.7	24.7
1	6.14	6.1	21.3	5.99	6.9	21.1	7.78	3.3	23.7
2	6.46	12.9	27.7	6.26	13.9	28.1	9.20	5.0	23.4
3	8.42	12.7	27.8	8.41	12.9	27.7	9.27	6.7	36.4
4	8.54	4.3	33.0	8.52	4.2	33.0	—	—	—
5	10.71	4.2	39.8	10.67	4.4	39.9	12.10	8.9	35.0
Waiters, waitresses, and bartenders	5.37	13.7	23.3	5.37	13.8	23.4	—	—	—
1	4.61	12.8	18.4	4.59	12.9	18.6	—	—	—
2	5.34	31.3	30.1	5.34	31.4	30.2	—	—	—
3	6.70	21.3	24.5	6.70	21.3	24.5	—	—	—
4	6.61	18.5	30.4	6.61	18.5	30.4	—	—	—
Bartenders	8.84	10.2	28.6	8.89	10.1	29.7	—	—	—
Waiters and waitresses	3.70	8.2	22.4	3.70	8.2	22.4	—	—	—
1	4.05	17.5	18.9	4.05	17.5	18.9	—	—	—
2	3.31	9.5	27.5	3.31	9.5	27.5	—	—	—
3	3.35	8.4	24.5	3.35	8.4	24.5	—	—	—
Waiters/Waitresses' assistants	6.36	6.8	18.7	6.37	6.9	18.8	—	—	—
1	6.09	6.7	17.1	6.09	6.7	17.1	—	—	—
Other food service	8.57	4.5	29.5	8.57	4.7	29.7	8.69	3.7	26.1
1	7.08	2.3	23.5	6.97	2.6	23.2	7.88	3.3	26.0
2	7.50	5.6	25.8	7.25	4.8	26.2	9.27	4.7	23.7

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Food service—Continued									
Other food service—Continued									
3	\$8.91	12.3	28.9	\$8.90	12.6	28.8	\$9.27	6.7	36.4
4	8.71	4.5	33.2	8.68	4.5	33.3	—	—	—
5	11.00	3.8	40.1	10.96	4.0	40.3	12.10	8.9	35.0
Supervisors, food preparation and service	9.75	8.4	35.9	9.71	8.6	36.0	—	—	—
4	7.77	5.3	22.3	7.77	5.3	22.3	—	—	—
5	12.38	7.4	42.5	12.36	8.2	43.8	—	—	—
Cooks	9.18	6.1	33.1	9.19	6.2	33.2	8.71	3.4	32.0
1	6.82	7.8	26.2	6.73	8.5	26.7	7.59	1.8	22.0
2	7.37	6.7	27.7	7.34	6.5	27.4	7.94	7.3	35.0
3	9.32	18.9	26.2	9.34	19.6	25.9	8.83	3.8	36.7
4	8.87	5.2	36.3	8.85	5.2	36.4	—	—	—
5	10.73	4.7	39.6	10.72	4.8	39.7	—	—	—
Food counter, fountain, and related	7.01	4.9	26.8	6.98	5.0	27.1	—	—	—
1	6.63	5.5	23.5	6.63	5.5	23.5	—	—	—
Kitchen workers, food preparation	7.99	3.6	26.8	7.74	3.6	26.8	8.85	7.9	26.5
1	7.89	4.4	26.8	7.86	5.8	25.1	—	—	—
2	7.98	8.8	27.1	7.32	7.4	30.6	—	—	—
Food preparation, n.e.c.	7.61	5.6	24.5	7.54	6.1	24.6	8.39	4.3	23.7
1	6.99	3.0	22.5	6.90	3.2	22.5	7.87	4.2	23.1
2	7.42	8.5	24.8	7.16	8.7	24.8	9.27	5.6	24.8
3	9.17	6.0	32.6	9.17	6.0	32.6	—	—	—
Not able to be leveled	7.30	9.6	18.1	—	—	—	—	—	—
Health service	10.07	10.2	29.4	10.06	11.8	28.6	10.12	2.7	35.7
1	7.43	8.0	26.3	7.31	7.7	25.9	—	—	—
2	9.13	4.3	33.3	8.88	4.3	32.2	9.56	4.6	35.3
3	8.54	5.8	29.7	8.44	5.8	29.7	10.53	7.0	29.4
4	10.30	2.8	35.9	10.31	4.3	34.4	10.28	2.4	39.8
5	11.02	7.3	36.5	10.80	7.7	35.0	—	—	—
Not able to be leveled	8.36	10.5	30.7	8.33	10.5	30.6	—	—	—
Health aides, except nursing	9.30	4.3	28.0	9.17	4.3	27.6	11.63	4.6	37.3
3	8.56	5.5	23.6	8.54	5.5	23.6	—	—	—
4	10.68	5.0	38.4	10.85	4.9	38.3	—	—	—
5	11.19	7.7	37.0	—	—	—	—	—	—
Nursing aides, orderlies and attendants	8.91	4.2	31.9	8.65	4.2	31.1	10.06	2.9	35.6
1	7.31	9.0	25.3	7.16	8.5	24.8	—	—	—
2	9.21	4.3	33.3	8.98	4.3	32.0	9.55	4.6	35.3
3	8.54	6.0	31.4	8.42	5.9	31.5	10.49	7.1	29.5
4	10.27	3.0	35.7	10.24	4.7	34.0	—	—	—
Not able to be leveled	8.25	10.6	30.4	8.25	10.6	30.4	—	—	—
Cleaning and building service	9.82	8.9	31.9	8.76	4.3	30.0	12.73	7.6	38.7
1	7.56	3.2	27.0	7.47	3.4	26.3	8.71	9.3	39.7
2	9.61	2.3	32.6	9.19	5.8	29.8	10.10	3.8	36.6
3	10.47	2.4	37.9	9.62	4.4	37.1	11.86	4.1	39.2
4	11.30	2.4	37.2	—	—	—	12.19	.8	39.9
5	11.46	14.9	36.4	—	—	—	15.19	3.2	39.4
6	12.65	8.9	39.9	12.58	9.0	39.9	—	—	—
Supervisors, cleaning and building service workers	13.88	14.4	38.3	10.63	6.8	37.6	20.58	3.5	39.8
6	12.63	9.2	40.0	12.63	9.2	40.0	—	—	—
Maids and housemen	7.30	4.0	28.4	7.29	4.0	28.3	—	—	—
1	6.96	2.7	27.8	6.94	2.7	27.7	—	—	—
2	8.42	2.4	27.5	8.42	2.4	27.5	—	—	—
Janitors and cleaners	9.79	4.3	32.1	9.07	4.2	29.5	11.17	3.4	38.5
1	7.96	3.9	26.5	7.86	4.5	25.4	8.75	10.2	39.8
2	10.04	3.0	34.0	9.94	9.1	30.4	10.10	3.8	36.6
3	10.90	2.9	37.5	10.12	2.5	36.2	11.86	4.1	39.2
4	11.39	3.0	37.7	—	—	—	12.20	.9	39.9
5	14.57	4.2	40.0	—	—	—	15.26	3.9	40.0
Personal service	9.06	5.2	30.5	8.88	5.6	30.9	9.99	9.4	28.5
1	7.65	5.4	20.6	7.71	6.0	20.7	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ March 2001—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service—Continued									
2	\$6.72	6.0	31.1	\$6.52	5.7	31.7	\$7.54	2.7	29.0
3	8.29	3.1	32.7	8.24	3.6	35.2	8.58	6.1	23.1
4	9.83	5.8	37.9	9.48	6.3	38.6	11.79	10.5	34.4
5	18.18	16.4	28.6	—	—	—	—	—	—
6	11.89	16.0	36.2	11.97	16.6	36.7	—	—	—
8	16.83	16.4	40.0	16.83	16.4	40.0	—	—	—
Supervisors, personal service	12.95	10.8	33.4	12.95	10.8	33.4	—	—	—
Attendants, amusement, and recreation facilities	7.10	10.3	34.9	7.10	10.7	36.6	—	—	—
3	7.35	9.4	28.5	—	—	—	—	—	—
Welfare service aides	9.27	9.8	27.5	8.70	10.7	27.8	—	—	—
Early childhood teachers' assistants	8.27	5.6	28.2	7.92	6.1	28.2	9.00	8.3	28.0
2	7.71	2.9	29.4	7.98	4.5	29.8	7.65	3.0	29.3
3	8.34	5.8	27.8	—	—	—	8.68	6.9	27.7
4	9.22	8.7	38.6	—	—	—	—	—	—
Child care workers, n.e.c.	10.77	11.4	29.1	8.84	6.3	24.7	12.88	4.5	36.1
1	7.69	7.5	12.4	—	—	—	—	—	—
Service, n.e.c.	8.82	3.0	32.6	8.82	3.2	32.6	—	—	—
1	8.18	6.2	31.3	—	—	—	—	—	—
2	7.08	4.7	24.6	7.19	4.0	24.0	—	—	—
4	10.90	6.7	35.3	10.87	8.0	35.0	—	—	—

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

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 the Technical Note for more information.

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

weighted by hours.

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

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

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.

Technical Note

The data in this bulletin are based on the National Compensation Survey (NCS) conducted by the Bureau of Labor Statistics (BLS) throughout the year. The surveys are locality-based and cover establishments in private industry and State and local governments. Bulletins are issued for individual localities when sufficient data meet publication standards. Agriculture, private households, and the Federal Government are excluded from the scope of the survey.

Survey scope. In the West North Central census division, the NCS studied 1,491 establishments representing approximately 6,707,500 workers within the scope of the survey. Beginning with the 1999 NCS, private sector establishments with one or more workers are included in the survey. State and local governments with 50 or more workers also are included. The number of workers represented by the survey is shown in table A, and the number of establishments is shown in table B. 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.

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

Sample design and data collection. The sample for this survey was selected using a three-stage design. The first stage consisted of the selection of areas. The nationwide NCS sample consists of 154 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas and the remaining portions of the 50 States. Metropolitan areas are designated Metropolitan Statistical Areas (MSA) or Consolidated Metropolitan Statistical Areas (CMSA), as defined in 1994 by the U.S. Office of Management and Budget. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

The NCS areas that contribute to the West North Central census division are:

Clinton County, IA
Des Moines County, IA

Goodhue County, MN
Griggs County, ND
Iowa City, IA, MSA
Kansas City, MO-KS, MSA
Lewis County, MO
Lincoln, NE, MSA
Logan County, NE
Madison County, NE
Minneapolis-St. Paul, MN-WI, MSA
Seward County, NE
Springfield, MO, MSA
St. Louis, MO-IL, MSA
Tama County, IA
Ward County, ND

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

The third stage of sample selection was a probability sample of occupations within a sampled establishment. In the West North Central region, data were collected between March 2000 and January 2002, with an average reference period of March 2001.

Occupational selection and classification. Identification of the occupations for which wage data were collected was a four-step process:

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

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

In step one, the jobs to be sampled were selected at

each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment. As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

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

In step three, certain other job characteristics of the chosen workers 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 or 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 or a nonunion job.

The fourth step in the job classification procedure was to determine the work level of each of the establishment's selected jobs, using an "occupational leveling" process. This process, involving discussions between the BLS field economist and the respondent, ranks and compares all selected establishment occupations using 10 leveling factors. For more information on occupational leveling and an example of how to use the criteria for leveling a job, see appendixes C and D of any published NCS locality bulletin or visit <http://www.bls.gov/ncs/ocs/compub.htm> on the World Wide Web. The Web site also has a link to the NCS job descriptions.

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 of estimates from all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. Tables in this bulletin provide RSE data for indicated series.

The relative standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose the mean hourly earnings for all workers were \$16.23 per hour with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$15.96 to \$16.50 ($\$16.23 \times 1.645 \times 0.010 = \0.2670 , round to \$0.27); ($\$16.23 - .27 = \15.96 ; $\$16.23 + .27 = \16.50). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. Although such errors were not specifically measured, efforts were made to minimize nonsampling errors through the extensive training of field economists who gathered survey data by personal visit, computer editing of the data, and detailed data review.

Census area divisions. Data are tabulated by census divisions defined as follows: **New England**—Connecticut, Massachusetts, New Hampshire, Maine, Vermont, and Rhode Island; **Middle Atlantic**—New Jersey, New York, and Pennsylvania; **East North Central**—Illinois, Indiana, Michigan, Ohio, and Wisconsin; **West North Central**—Iowa, Kansas, Minnesota, Missouri, North Dakota, South Dakota, and Nebraska; **South Atlantic**—Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; **East South Central**—Alabama, Kentucky, Mississippi, and Tennessee; **West South Central**—Arkansas, Louisiana, Oklahoma, and Texas; **Mountain**—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; and **Pacific**—Washington, Oregon, California, Hawaii, and Alaska. Some census divisions include CMSAs and MSAs that cross State lines. In the West North Central census division, the St. Louis MSA includes parts of Missouri and Illinois and the Minneapolis-St. Paul MSA includes parts of Minnesota and Wisconsin.

TABLE A. Number of workers¹ represented by the survey, by occupational group,² West North Central, National Compensation Survey,³ March 2001

Occupational group	All industries	Private industry	State and local government
All	6,707,500	5,596,100	1,111,400
All, excluding sales	5,957,600	4,848,600	1,109,000
White collar	3,247,900	2,477,100	770,800
White collar, excluding sales	2,498,100	1,729,600	768,400
Professional specialty and technical	1,116,900	634,700	482,200
Professional specialty occupations	865,200	428,100	437,100
Technical occupations	251,700	206,700	45,000
Executive, administrative, and managerial	423,100	343,100	80,100
Sales	749,800	747,500	2,400
Administrative support, including clerical	958,000	751,900	206,200
Blue collar	2,120,700	2,004,800	115,900
Precision production, craft, and repair	631,500	586,300	45,200
Machine operators, assemblers, and inspectors	480,200	480,100	-
Transportation and material moving	424,800	384,200	40,600
Handlers, equipment cleaners, helpers, and laborers	584,200	554,200	30,000
Service	1,338,900	1,114,200	224,700

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

² A classification system including about 480 individual

occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

³ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was March 2001.

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

TABLE B. Number of establishments studied by industry group and establishment employment size, West North Central, National Compensation Survey,¹ March 2001

Industry division	Number of establishments studied						
	Total	1 to 99 workers ²	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 to 4,999 workers	5,000 or more workers
All	1,491	551	595	150	98	52	45
Private Industry	1,276	522	508	120	67	30	29
Goods-producing industries	351	111	146	50	18	11	15
Mining	6	5	1	-	-	-	-
Construction	68	44	19	4	1	-	-
Manufacturing	277	62	126	46	17	11	15
Durable goods	159	36	66	29	11	7	10
Nondurable goods	118	26	60	17	6	4	5
Service-producing industries	925	411	362	70	49	19	14
Transportation and utilities	109	36	41	15	8	2	7
Wholesale trade	66	39	20	7	-	-	-
Retail trade	218	133	75	7	2	1	-
Finance, insurance and real estate	110	63	19	7	12	3	6
Services	422	140	207	34	27	13	1
State and local government	215	29	87	30	31	22	16

¹ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was March 2001.

² Estimates include private establishments employing 1 to 99 workers and State and local government establishments employing 50 to 99 workers.

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