

National Compensation Survey: Occupational Wages in the West North Central Census Division, July 2002



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Preface

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

The NCS replaced the Occupational Compensation Survey (OCS) in 1996. The major difference between these two surveys is that the OCS 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.) The bulletin provides estimates of occupational pay for the census division, as well as selected data by worker and establishment characteristics.

NCS bulletins are published for nine census divisions: New England, Middle Atlantic, East North Central, West North Central, South Atlantic, East South Central, West South Central, Mountain, and Pacific.

For additional information regarding this survey, contact the information staff in the Bureau of Labor Statistics

(BLS) National Office at (202) 691-6199. You may also write to 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.

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, July 2002

This bulletin provides July 2002 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 \$16.11 per hour in July 2002. Workers in private industry in the West North Central region averaged \$15.31 per hour, while pay of workers in State and local government averaged \$20.40 per hour. The nationwide hourly average for all workers covered by the survey was \$17.18.

Table 1 in this bulletin 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 \$18.48 per hour; blue-collar workers averaged \$14.40; and service occupations, \$8.72. Corresponding averages in State and local government were \$22.75, \$16.17, and \$14.51. Overall 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 \$17.25 per hour, while part-time workers averaged \$8.87. In private industry, full-time workers averaged \$16.49 an hour, and part-time workers averaged \$8.50. For workers in State and local government, average hourly pay was \$20.94 and \$13.10, respectively. Full-time or part-time designation is based on the employer's definition of those terms.

In the West North Central region, workers in the large establishments—that is establishments with 2,500 or more

workers—had average hourly pay of \$22.22. Workers in the smallest establishment-size category studied (1 to 99 employees) averaged \$14.07.

Table 2 shows that workers in metropolitan areas averaged \$16.82 per hour, while the average pay for workers in nonmetropolitan areas was \$13.38. (See the Technical Note for definitions of metropolitan and nonmetropolitan areas.)

Among census divisions, average earnings were generally highest in the Middle Atlantic, Pacific, and New England regions. Average earnings for 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 \$21.76 per hour (table 3). Registered nurses in private industry averaged \$21.41 (table 4), while their counterparts in State and local government averaged \$22.82 per hour (table 5). Secretaries averaged \$12.70 in private industry and \$14.91 in State and local governments. Janitors and cleaners, a service occupation, averaged \$9.58 in private industry and \$11.59 in State and local government.

Earnings by occupational group and level are shown in table 6. In determining the work level, the Bureau of Labor Statistics applies an *occupational leveling* technique to occupations selected during the collection process, using 10 criteria to level occupations. Usually, results tend to show higher pay at higher levels. In this region, average hourly earnings of white-collar workers ranged from \$7.90 at level 1 to \$61.99 at level 14. Average earnings of blue-collar workers ranged from \$8.87 (level 1) to \$31.31 (level 10); service workers' average earnings ranged from \$7.31 (level 1) to \$22.81 (level 10). (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 1 to 99 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 July 2002

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$16.11	4.1	35.3	\$15.31	4.3	35.0	\$20.40	3.5	37.2
Worker characteristics:⁴									
White-collar occupations ⁵	19.43	5.1	36.1	18.48	6.9	35.8	22.75	2.8	37.4
Professional specialty and technical ...	24.26	3.1	36.4	23.55	5.0	35.9	25.43	1.7	37.2
Executive, administrative, and managerial	30.16	12.5	41.2	30.16	15.7	41.6	30.19	11.8	39.8
Sales	12.83	8.3	31.5	12.83	8.3	31.6	10.29	7.5	22.2
Administrative support	12.26	4.8	36.5	11.94	2.2	36.4	13.59	11.0	36.9
Blue-collar occupations ⁵	14.48	2.6	38.1	14.40	2.6	38.2	16.17	2.8	36.6
Precision production, craft, and repair	18.11	2.7	40.2	18.11	3.0	40.2	18.12	3.9	40.0
Machine operators, assemblers, and inspectors	12.77	5.2	38.7	12.77	5.2	38.7	-	-	-
Transportation and material moving ...	14.34	5.2	37.1	14.31	6.1	37.5	14.72	6.0	32.7
Handlers, equipment cleaners, helpers, and laborers	11.06	4.3	35.6	10.93	4.4	35.5	14.00	8.4	36.4
Service occupations ⁵	9.81	5.7	29.4	8.72	4.2	28.0	14.51	3.8	36.9
Full time	17.25	3.9	39.9	16.49	4.4	40.0	20.94	2.9	39.4
Part time	8.87	3.4	20.3	8.50	2.9	20.3	13.10	5.2	21.0
Union	18.98	2.9	37.6	18.47	3.9	37.6	19.98	2.8	37.5
Nonunion	15.53	5.6	34.9	14.82	5.4	34.6	20.64	3.4	37.0
Time	15.63	3.5	35.1	14.67	2.6	34.7	20.40	3.5	37.2
Incentive	25.48	27.2	40.3	25.48	27.2	40.3	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	16.12	4.3	39.2	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	14.98	5.4	33.5	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	14.07	8.2	33.6	13.99	8.4	33.6	20.14	16.0	34.4
100 to 499 workers	15.63	3.9	35.8	15.27	4.4	35.8	18.12	3.6	36.1
500 to 999 workers	17.17	4.3	37.2	16.49	5.0	37.5	20.85	5.1	35.9
1,000 to 2,499 workers	17.73	6.1	36.8	17.21	7.1	36.8	19.63	4.0	36.7
2,500 workers or more	22.22	2.1	38.1	23.71	6.0	37.7	21.51	2.4	38.2
Geographic areas:⁸									
Metropolitan	16.82	4.7	35.3	16.04	4.8	34.9	20.97	3.0	37.6
Nonmetropolitan	13.38	6.2	35.3	12.45	6.7	35.2	18.24	6.5	35.6
New England	18.61	2.9	34.4	17.73	3.5	34.2	24.55	2.6	35.8
Middle Atlantic	19.79	1.8	34.8	18.93	1.5	34.7	24.69	1.9	35.4
East North Central	17.42	1.2	35.7	16.64	1.3	35.6	22.47	2.3	35.9
West North Central	16.11	4.1	35.3	15.31	4.3	35.0	20.40	3.5	37.2
South Atlantic	15.97	1.9	36.4	15.38	2.4	36.1	18.84	1.2	38.0
East South Central	14.19	5.0	37.1	13.67	5.3	37.1	17.94	4.3	37.2
West South Central	15.39	1.5	36.6	14.81	1.6	36.3	18.24	1.4	38.2
Mountain	15.67	3.6	35.5	14.67	2.6	35.2	21.50	3.2	37.1
Pacific	19.08	1.8	35.8	18.01	2.4	35.9	24.87	.8	35.6

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

² In this census division, data were collected between December 2001 and January 2003. The average reference period was July 2002.

³ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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 nine census divisions. See Technical Note for a list of States making up 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 July 2002

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$16.11	4.1	35.3	\$16.82	4.7	35.3	\$13.38	6.2	35.3
Private Industry	15.31	4.3	35.0	16.04	4.8	34.9	12.45	6.7	35.2
State and local government	20.40	3.5	37.2	20.97	3.0	37.6	18.24	6.5	35.6
Worker characteristics:⁵									
White-collar occupations ⁶	19.43	5.1	36.1	20.10	5.7	36.3	16.24	4.0	35.2
Professional specialty and technical ...	24.26	3.1	36.4	24.90	3.0	36.4	21.17	6.9	36.1
Executive, administrative, and managerial	30.16	12.5	41.2	31.08	13.8	41.3	23.68	5.9	40.5
Sales	12.83	8.3	31.5	12.73	8.0	31.5	13.22	17.6	31.8
Administrative support	12.26	4.8	36.5	12.68	5.3	36.9	10.45	5.2	35.1
Blue-collar occupations ⁶	14.48	2.6	38.1	15.20	2.1	38.2	12.25	7.3	37.7
Precision production, craft, and repair Machine operators, assemblers, and inspectors	18.11	2.7	40.2	18.73	3.2	40.0	15.38	3.8	40.7
Transportation and material moving ...	12.77	5.2	38.7	13.67	5.0	38.3	11.17	8.0	39.3
Handlers, equipment cleaners, helpers, and laborers	14.34	5.2	37.1	14.37	5.8	37.0	14.19	5.0	37.5
Service occupations ⁶	11.06	4.3	35.6	11.61	6.5	36.5	9.57	5.7	33.2
Full time	9.81	5.7	29.4	9.95	7.5	28.9	9.31	5.6	31.0
Part time	17.25	3.9	39.9	18.03	4.4	39.9	14.18	7.0	39.9
Union	8.87	3.4	20.3	8.97	4.3	20.3	8.49	3.2	20.5
Nonunion	18.98	2.9	37.6	19.42	3.4	37.5	16.85	1.4	37.9
Time	15.53	5.6	34.9	16.25	6.5	34.9	12.81	7.0	34.9
Incentive	15.63	3.5	35.1	16.29	4.0	35.1	13.04	4.9	34.9
	25.48	27.2	40.3	26.63	31.9	39.5	20.57	12.9	43.9
Establishment characteristics:									
Goods producing ⁷	16.12	4.3	39.2	-	-	-	-	-	-
Service producing ⁷	14.98	5.4	33.5	-	-	-	-	-	-
1 to 99 workers ⁸	14.07	8.2	33.6	14.37	9.3	33.9	12.34	6.0	32.0
100 to 499 workers	15.63	3.9	35.8	16.54	4.5	35.5	13.81	8.9	36.4
500 to 999 workers	17.17	4.3	37.2	18.03	3.6	37.3	15.45	7.8	37.1
1,000 to 2,499 workers	17.73	6.1	36.8	19.55	3.1	36.3	11.56	12.9	38.4
2,500 workers or more	22.22	2.1	38.1	22.22	2.1	38.1	-	-	-
Geographic areas:⁹									
New England	18.61	2.9	34.4	18.99	2.9	34.4	14.66	9.4	34.5
Middle Atlantic	19.79	1.8	34.8	19.97	1.8	34.8	15.83	3.8	34.9
East North Central	17.42	1.2	35.7	17.73	1.3	35.6	15.11	3.4	36.3
West North Central	16.11	4.1	35.3	16.82	4.7	35.3	13.38	6.2	35.3
South Atlantic	15.97	1.9	36.4	16.26	2.1	36.3	13.83	3.4	37.1
East South Central	14.19	5.0	37.1	15.06	4.0	36.5	12.37	11.5	38.5
West South Central	15.39	1.5	36.6	15.49	1.7	36.7	14.45	6.5	36.3
Mountain	15.67	3.6	35.5	15.67	4.2	35.5	15.70	1.3	35.7
Pacific	19.08	1.8	35.8	19.22	1.9	35.9	16.10	1.6	34.8

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

² A metropolitan area can be a Metropolitan Statistical Area (MSA) or Consolidated Metropolitan Statistical Area (CMSA) as defined by the Office of Management and Budget, 1994. Nonmetropolitan areas are counties that do not fit the definitions above.

³ In this census division, data were collected between December 2001 and January 2003. The average reference period was July 2002.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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 metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Technical Note for a list of States making up 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 July 2002

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.11	4.1	35.3	\$17.25	3.9	39.9	\$8.87	3.4	20.3
All, excluding sales	16.43	4.3	35.7	17.40	4.0	39.9	9.26	4.5	20.2
White collar	19.43	5.1	36.1	20.54	5.2	39.9	10.60	4.5	20.5
White collar, excluding sales	20.85	5.4	37.3	21.38	5.5	39.8	13.76	6.0	20.0
Professional specialty and technical	24.26	3.1	36.4	24.69	3.1	39.4	18.83	4.9	18.5
Professional specialty	25.84	3.2	36.9	26.19	3.4	39.3	20.39	8.2	18.8
Engineers, architects, and surveyors	27.80	11.8	40.3	27.80	11.8	40.3	-	-	-
Civil engineers	33.05	4.2	40.0	33.05	4.2	40.0	-	-	-
Electrical and electronic engineers	29.69	4.1	40.4	29.69	4.1	40.4	-	-	-
Industrial engineers	26.99	2.7	41.0	26.99	2.7	41.0	-	-	-
Mechanical engineers	30.12	2.0	40.6	30.12	2.0	40.6	-	-	-
Engineers, n.e.c.	25.67	19.7	40.0	25.67	19.7	40.0	-	-	-
Mathematical and computer scientists	29.26	5.2	40.3	29.26	5.2	40.3	-	-	-
Computer systems analysts and scientists	29.33	5.7	40.3	29.33	5.7	40.3	-	-	-
Operations and systems researchers and analysts	27.68	8.6	39.7	27.68	8.6	39.7	-	-	-
Natural scientists	20.97	6.1	39.7	20.94	6.1	40.0	-	-	-
Chemists, except biochemists	21.50	18.7	40.0	21.50	18.7	40.0	-	-	-
Physical scientists, n.e.c.	27.44	12.5	39.7	27.44	12.5	39.7	-	-	-
Biological and life scientists	19.70	6.9	39.3	19.63	6.8	39.9	-	-	-
Health related	25.11	7.8	34.8	25.24	9.0	39.5	24.38	2.7	21.1
Physicians	43.01	45.3	40.3	42.45	45.7	41.0	-	-	-
Registered nurses	21.76	3.0	33.7	21.25	3.8	39.3	23.80	2.0	21.5
Pharmacists	35.35	3.6	38.8	35.71	3.2	39.6	-	-	-
Dietitians	16.70	10.9	36.6	16.65	11.2	40.0	-	-	-
Respiratory therapists	20.78	8.0	32.4	20.82	8.4	35.2	-	-	-
Occupational therapists	23.92	5.9	31.4	24.03	7.0	38.7	-	-	-
Physical therapists	23.42	3.6	36.8	23.44	4.0	39.2	-	-	-
Speech therapists	28.02	4.3	32.1	28.22	4.2	36.0	-	-	-
Therapists, n.e.c.	17.34	6.1	40.0	17.34	6.1	40.0	-	-	-
Physicians' assistants	28.09	9.2	39.9	28.07	9.2	40.0	-	-	-
Teachers, college and university	36.54	16.3	37.4	36.94	15.6	39.6	19.90	20.3	11.2
Social science teachers, n.e.c.	32.31	1.2	38.6	32.25	1.1	39.5	-	-	-
Mathematical science teachers	27.75	25.9	39.9	27.75	25.9	39.9	-	-	-
Medical science teachers	36.20	11.9	40.1	36.20	11.9	40.1	-	-	-
Health specialties teachers	23.44	8.7	39.0	23.46	9.0	40.4	-	-	-
Business, commerce, and marketing teachers ..	43.75	17.3	37.1	43.74	17.2	39.0	-	-	-
Art, drama, and music teachers	36.75	12.1	38.8	37.03	12.7	40.3	-	-	-
Education teachers	29.68	6.7	40.1	29.68	6.8	40.3	-	-	-
Theology teachers	34.74	4.0	39.5	-	-	-	-	-	-
Trade and industrial teachers	30.91	8.1	37.3	30.90	8.1	37.4	-	-	-
Other post-secondary teachers	28.00	9.6	32.9	28.08	9.9	38.9	26.31	7.6	7.6
Teachers, except college and university	25.39	3.4	35.5	25.59	3.7	37.5	19.63	15.2	14.2
Prekindergarten and kindergarten	15.13	17.6	36.4	15.24	18.5	38.4	-	-	-
Elementary school teachers	28.45	3.5	36.5	28.50	3.4	36.9	-	-	-
Secondary school teachers	28.15	4.5	36.6	27.85	4.3	37.4	38.30	11.2	20.6
Teachers, special education	25.98	5.1	37.2	26.00	5.1	37.3	-	-	-
Teachers, n.e.c.	22.98	7.0	32.5	23.54	7.8	37.9	16.38	16.4	12.1
Substitute teachers	11.82	13.6	12.1	-	-	-	11.82	13.6	12.1
Vocational and educational counselors	17.67	16.7	39.6	17.67	16.7	39.6	-	-	-
Librarians, archivists, and curators	27.12	7.3	37.4	27.29	7.1	38.2	-	-	-
Librarians	27.12	7.3	37.4	27.29	7.1	38.2	-	-	-
Social scientists and urban planners	23.30	6.1	39.8	23.30	6.1	39.8	-	-	-
Economists	22.77	2.3	40.0	22.77	2.3	40.0	-	-	-
Psychologists	24.64	9.7	39.6	24.64	9.7	39.6	-	-	-
Social, recreation, and religious workers	15.64	4.4	38.2	15.70	4.6	39.9	14.49	13.3	21.2
Social workers	15.57	4.3	38.3	15.64	4.6	39.9	14.13	13.5	21.0
Lawyers and judges	41.93	14.4	38.1	42.23	14.6	39.9	-	-	-
Lawyers	41.25	15.4	38.0	41.55	15.6	39.9	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.69	15.9	33.9	17.05	12.1	40.2	7.97	14.4	17.9
Technical writers	17.78	19.3	40.0	17.78	19.3	40.0	-	-	-
Designers	12.29	36.1	33.2	14.11	31.7	39.9	-	-	-

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Painters, sculptors, craft artists, and artist printmakers									
	\$18.93	7.0	39.9	\$18.93	7.0	39.9	—	—	—
Artists, performers, and related workers, n.e.c.	11.99	22.0	28.5	—	—	—	—	—	—
Editors and reporters	15.45	18.4	38.3	15.68	17.6	40.5	—	—	—
Public relations specialists	27.18	21.9	40.1	27.18	21.9	40.1	—	—	—
Athletes	20.91	24.8	25.4	—	—	—	\$9.71	17.5	11.7
Professional, n.e.c.	23.59	18.0	40.0	23.59	18.0	40.0	—	—	—
Technical	18.90	7.6	34.5	19.27	7.7	39.7	16.30	7.9	18.0
Clinical laboratory technologists and technicians									
	15.29	11.5	37.8	15.26	12.5	39.9	15.88	19.6	19.5
Health record technologists and technicians	12.32	7.8	39.9	12.32	7.8	39.9	—	—	—
Radiological technicians	20.70	8.2	36.5	21.02	8.4	39.5	17.80	6.2	21.6
Licensed practical nurses	13.93	2.1	34.8	13.64	3.1	39.1	14.89	4.4	25.2
Health technologists and technicians, n.e.c.	13.36	3.7	34.3	13.75	5.7	40.0	12.01	10.5	23.1
Electrical and electronic technicians	18.78	6.3	40.0	18.78	6.3	40.0	—	—	—
Engineering technicians, n.e.c.	18.81	5.7	40.0	18.81	5.7	40.0	—	—	—
Drafters	17.45	2.6	39.3	17.14	2.9	40.0	—	—	—
Chemical technicians	18.14	6.4	37.6	18.53	6.6	40.0	—	—	—
Science technicians, n.e.c.	21.05	21.1	40.0	21.05	21.1	40.0	—	—	—
Computer programmers	23.47	5.7	40.0	23.47	5.7	40.0	—	—	—
Legal assistants	19.28	10.3	38.9	19.41	10.0	40.9	—	—	—
Technical and related, n.e.c.	15.03	10.0	32.9	15.02	7.1	39.9	15.06	24.4	21.7
Executive, administrative, and managerial									
	30.16	12.5	41.2	30.38	12.6	41.8	10.73	8.1	18.9
Executives, administrators, and managers	33.34	14.5	41.4	33.70	14.6	42.2	10.52	8.4	18.8
Legislators	12.35	30.6	21.5	—	—	—	—	—	—
Administrators and officials, public administration									
	27.58	4.7	40.8	27.53	4.7	41.0	—	—	—
Financial managers	65.34	40.4	41.5	65.34	40.4	41.5	—	—	—
Personnel and labor relations managers	32.08	17.8	40.1	32.08	17.8	40.1	—	—	—
Purchasing managers	26.48	9.5	41.0	26.48	9.5	41.0	—	—	—
Managers, marketing, advertising, and public relations									
	33.51	14.3	40.1	33.75	14.4	40.6	—	—	—
Administrators, education and related fields	31.58	22.0	40.2	31.58	22.0	40.2	—	—	—
Managers, medicine and health	30.06	6.0	40.3	30.05	6.1	40.6	—	—	—
Managers, food servicing and lodging establishments									
	15.50	10.3	36.1	16.94	5.8	43.6	—	—	—
Managers, properties and real estate	16.11	16.4	30.6	18.80	10.9	39.9	—	—	—
Managers, service organizations, n.e.c.	18.17	18.3	42.1	18.17	18.3	42.1	—	—	—
Managers and administrators, n.e.c.	27.91	6.5	43.4	27.91	6.5	43.4	—	—	—
Management related	23.33	6.7	40.9	23.35	6.7	40.9	—	—	—
Accountants and auditors	23.88	8.9	40.0	23.88	8.9	40.0	—	—	—
Underwriters	19.74	7.3	40.1	19.74	7.3	40.1	—	—	—
Other financial officers	29.74	23.8	43.5	29.74	23.8	43.5	—	—	—
Management analysts	28.87	4.5	40.7	28.91	4.5	40.8	—	—	—
Personnel, training, and labor relations specialists									
	18.98	8.7	39.8	18.99	8.7	39.9	—	—	—
Purchasing agents and buyers, n.e.c.	23.21	6.8	40.6	23.21	6.8	40.6	—	—	—
Construction inspectors	20.56	6.7	39.8	20.56	6.7	39.8	—	—	—
Inspectors and compliance officers, except construction									
	22.41	7.8	40.1	22.41	7.8	40.1	—	—	—
Management related, n.e.c.	18.79	4.3	40.7	18.81	4.3	40.9	—	—	—
Sales									
	12.83	8.3	31.5	15.30	9.1	40.6	7.26	3.5	21.0
Supervisors, sales	18.34	18.7	40.9	18.41	18.8	41.2	—	—	—
Insurance sales	28.14	24.9	40.4	28.14	24.9	40.4	—	—	—
Securities and financial services sales	34.60	19.3	45.4	34.60	19.3	45.4	—	—	—
Advertising and related sales	15.38	15.5	35.5	16.53	13.2	39.9	—	—	—

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales, other business services	—	—	—	\$15.89	27.8	40.8	—	—	—
Sales engineers	\$24.22	14.0	40.0	24.22	14.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	16.95	20.3	40.9	16.95	20.3	40.9	—	—	—
Sales workers, motor vehicles and boats	17.29	20.3	44.1	17.14	20.6	47.1	—	—	—
Sales workers, apparel	6.97	6.4	23.5	—	—	—	\$6.60	5.2	20.4
Sales workers, furniture and home furnishings ..	10.96	22.0	25.2	—	—	—	—	—	—
Sales workers, hardware and building supplies ..	15.00	23.5	29.6	17.59	26.1	40.0	8.21	6.7	17.6
Sales workers, other commodities	13.57	10.5	41.5	13.64	10.6	41.9	—	—	—
Sales counter clerks	12.56	6.8	27.5	14.47	7.2	38.6	8.08	3.4	16.4
Cashiers	9.13	7.0	29.4	9.61	10.8	40.0	8.48	7.3	21.6
Demonstrators, promoters, and models, sales ..	7.70	2.9	27.5	8.43	4.8	39.2	7.14	2.0	22.4
Sales support, n.e.c.	11.17	16.0	26.8	—	—	—	—	—	—
	14.55	8.4	38.3	15.24	8.9	41.8	—	—	—
Administrative support, including clerical									
Supervisors, general office	12.26	4.8	36.5	12.56	4.4	39.3	9.43	6.9	21.7
Supervisors, financial records processing	17.05	2.4	40.9	17.05	2.4	40.9	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.06	5.3	41.0	19.06	5.3	41.0	—	—	—
Computer operators	15.90	9.1	39.9	15.90	9.1	39.9	—	—	—
Secretaries	13.91	2.3	39.1	13.95	2.2	40.0	—	—	—
Stenographers	13.72	8.3	38.3	13.77	8.3	38.8	11.19	3.7	23.2
Typists	13.87	2.4	37.5	13.91	2.2	39.4	—	—	—
Interviewers	12.50	6.5	38.8	12.48	6.7	39.8	—	—	—
Hotel clerks	—	—	—	11.51	3.7	39.5	—	—	—
Transportation ticket and reservation agents	7.99	3.7	30.4	8.23	3.0	39.3	—	—	—
Receptionists	10.66	23.6	35.5	—	—	—	—	—	—
Information clerks, n.e.c.	10.70	2.1	29.3	11.30	2.6	37.3	8.92	8.0	17.8
Order clerks	12.04	1.9	36.6	11.90	3.2	39.9	12.84	13.7	24.9
Personnel clerks, except payroll and timekeeping	13.14	8.5	38.7	13.66	6.0	39.9	—	—	—
Library clerks	13.60	7.0	39.5	13.60	7.0	39.5	—	—	—
File clerks	10.17	8.4	25.2	11.47	3.4	38.3	9.23	13.0	20.2
Records clerks, n.e.c.	10.17	6.5	38.5	10.24	6.8	39.9	—	—	—
Bookkeepers, accounting and auditing clerks ...	10.47	8.2	38.8	10.45	8.1	39.4	—	—	—
Payroll and timekeeping clerks	11.49	3.6	37.0	11.55	4.0	38.9	10.29	6.1	17.8
Billing clerks	14.68	13.1	40.0	14.68	13.1	40.0	—	—	—
Telephone operators	12.13	7.6	37.7	12.25	6.8	39.5	—	—	—
Mail clerks, except postal service	14.01	8.6	36.7	14.61	7.5	38.8	—	—	—
Messengers	9.69	7.6	29.2	—	—	—	—	—	—
Dispatchers	8.96	9.6	27.5	—	—	—	—	—	—
Production coordinators	14.43	5.1	38.4	14.33	5.4	40.0	—	—	—
Traffic, shipping and receiving clerks	17.13	5.4	39.3	17.18	5.5	40.1	—	—	—
Stock and inventory clerks	12.03	8.9	39.5	12.07	8.9	39.9	—	—	—
Weighers, measurers, checkers, and samplers ..	11.05	5.6	37.0	11.25	6.1	39.9	8.84	9.3	20.4
Material recording, scheduling, and distribution clerks, n.e.c.	11.66	17.1	32.5	11.77	18.0	40.0	—	—	—
Insurance adjusters, examiners, and investigators	10.29	3.7	36.8	10.55	4.4	40.0	—	—	—
Investigators and adjusters, except insurance ...	14.40	5.0	39.1	14.40	5.0	39.1	—	—	—
Eligibility clerks, social welfare	12.55	3.5	38.8	12.70	4.1	39.8	—	—	—
Bill and account collectors	13.91	5.9	39.3	13.91	5.9	39.3	—	—	—
General office clerks	14.64	4.4	38.6	14.84	4.2	40.0	—	—	—
Bank tellers	11.72	6.7	36.2	12.04	6.6	39.8	9.34	2.6	21.8
Proofreaders	9.17	3.5	31.9	9.75	4.7	39.2	7.86	5.2	22.5
Data entry keyers	12.86	9.0	36.7	—	—	—	—	—	—
Statistical clerks	10.77	2.6	39.0	10.81	2.7	39.9	10.10	12.4	28.5
Teachers' aides	15.10	4.1	39.5	15.10	4.1	39.5	—	—	—
Administrative support, n.e.c.	9.93	5.1	29.5	10.10	5.4	35.2	9.58	5.0	21.9
	12.27	4.4	35.6	12.95	3.4	39.9	9.45	5.3	24.5

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar	\$14.48	2.6	38.1	\$14.90	2.5	40.3	\$8.74	3.1	21.9
Precision production, craft, and repair	18.11	2.7	40.2	18.14	2.7	40.3	13.86	33.2	27.4
Supervisors, mechanics and repairers	25.63	3.1	40.6	25.17	2.9	41.9	—	—	—
Bus, truck, and stationary engine mechanics	13.53	4.2	41.7	13.53	4.2	41.7	—	—	—
Heavy equipment mechanics	18.17	4.4	40.1	18.17	4.4	40.1	—	—	—
Farm equipment mechanics	14.19	11.7	42.1	14.29	11.3	42.1	—	—	—
Industrial machinery repairers	17.75	3.8	39.4	17.75	3.8	39.4	—	—	—
Machinery maintenance	15.69	12.3	39.8	15.69	12.3	39.8	—	—	—
Electronic repairers, communications and industrial equipment	19.72	5.0	40.0	19.72	5.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	17.83	15.9	40.0	17.83	15.9	40.0	—	—	—
Millwrights	18.74	9.4	40.0	18.74	9.4	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.05	6.3	39.4	16.27	7.0	40.0	—	—	—
Supervisors, construction trades, n.e.c.	23.05	8.4	41.6	23.05	8.4	41.6	—	—	—
Carpenters	17.86	4.7	39.9	17.84	4.8	40.0	—	—	—
Electricians	22.39	9.0	40.0	22.39	9.0	40.0	—	—	—
Electrical power installers and repairers	26.27	13.9	40.0	26.27	13.9	40.0	—	—	—
Painters, construction and maintenance	24.16	2.7	40.0	24.16	2.7	40.0	—	—	—
Plumbers, pipefitters and steamfitters	22.77	16.7	40.0	22.77	16.7	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	17.65	20.7	39.9	17.65	20.7	39.9	—	—	—
Structural metal workers	23.44	5.9	40.0	23.44	5.9	40.0	—	—	—
Construction trades, n.e.c.	16.87	4.6	40.0	16.87	4.6	40.0	—	—	—
Supervisors, production	20.27	8.7	40.3	20.27	8.7	40.3	—	—	—
Tool and die makers	22.40	4.3	40.5	22.40	4.3	40.5	—	—	—
Machinists	21.16	3.0	40.0	21.16	3.0	40.0	—	—	—
Sheet metal workers	20.25	12.7	40.0	20.25	12.7	40.0	—	—	—
Bookbinders	15.24	4.7	40.0	15.24	4.7	40.0	—	—	—
Electrical and electronic equipment assemblers	13.68	17.7	40.0	13.68	17.7	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.51	17.2	40.0	14.51	17.2	40.0	—	—	—
Bakers	11.44	2.3	40.3	—	—	—	—	—	—
Inspectors, testers, and graders	18.94	3.6	40.0	18.94	3.6	40.0	—	—	—
Water and sewer treatment plant operators	15.07	15.8	40.0	15.07	15.8	40.0	—	—	—
Stationary engineers	18.91	4.6	40.0	18.91	4.6	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.77	5.2	38.7	13.01	4.6	39.9	8.00	7.9	24.0
Punching and stamping press operators	13.25	6.2	40.0	13.25	6.2	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.57	3.2	40.0	14.57	3.2	40.0	—	—	—
Numerical control machine operators	14.07	14.3	31.5	14.20	17.9	41.6	—	—	—
Fabricating machine operators, n.e.c.	12.47	9.5	40.2	12.47	9.5	40.2	—	—	—
Molding and casting machine operators	12.79	4.4	39.9	12.79	4.4	39.9	—	—	—
Metal plating machine operators	15.06	4.9	40.0	15.06	4.9	40.0	—	—	—
Printing press operators	17.00	4.8	39.2	17.00	4.8	39.2	—	—	—
Photoengravers and lithographers	16.86	9.5	39.3	16.86	9.5	39.3	—	—	—
Textile sewing machine operators	9.93	6.7	39.7	9.93	6.9	40.0	—	—	—
Laundering and dry cleaning machine operators	7.79	2.8	30.5	7.81	3.1	37.2	—	—	—
Cementing and gluing machine operators	14.41	10.4	40.0	14.41	10.4	40.0	—	—	—
Packaging and filling machine operators	11.39	13.3	39.5	11.44	13.8	40.0	—	—	—
Extruding and forming machine operators	10.83	11.7	39.8	10.83	11.7	39.8	—	—	—
Mixing and blending machine operators	13.84	3.7	40.0	13.84	3.7	40.0	—	—	—
Painting and paint spraying machine operators	16.65	6.9	40.0	16.65	6.9	40.0	—	—	—
Slicing and cutting machine operators	13.22	13.9	39.8	13.22	13.9	39.8	—	—	—
Photographic process machine operators	12.30	4.3	40.0	12.30	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.58	6.4	38.8	12.71	6.3	39.7	9.85	5.6	26.1
Welders and cutters	14.12	15.8	40.2	14.12	15.8	40.2	—	—	—
Assemblers	13.27	11.3	36.5	14.31	6.7	40.0	—	—	—
Miscellaneous hand working, n.e.c.	9.55	19.8	39.6	9.55	19.8	39.6	—	—	—
Production inspectors, checkers and examiners	15.08	2.3	39.4	15.24	2.3	40.0	—	—	—
Production testers	14.21	9.9	40.0	14.21	9.9	40.0	—	—	—
Transportation and material moving	14.34	5.2	37.1	14.74	5.7	41.5	10.41	6.7	18.1
Truck drivers	13.34	4.7	40.4	13.41	5.1	42.4	10.67	9.1	15.2

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Driver-sales workers	\$10.93	15.4	28.3	\$13.82	13.8	40.0	\$8.21	17.3	22.1
Bus drivers	13.68	5.3	21.4	15.83	2.8	36.3	12.46	3.9	17.4
Taxicab drivers and chauffeurs	9.18	14.4	25.4	—	—	—	—	—	—
Motor transportation, n.e.c.	8.17	10.3	26.2	9.95	.4	39.5	—	—	—
Supervisors, material moving equipment	19.98	10.0	40.6	19.98	10.0	40.6	—	—	—
Operating engineers	21.14	11.1	40.0	21.14	11.1	40.0	—	—	—
Crane and tower operators	19.07	8.6	40.0	19.07	8.6	40.0	—	—	—
Excavating and loading machine operators	15.46	15.7	40.0	15.46	15.7	40.0	—	—	—
Grader, dozer, and scrapper operators	13.63	8.4	40.0	13.63	8.4	40.0	—	—	—
Industrial truck and tractor equipment operators	13.91	5.0	39.5	14.06	5.4	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.39	9.3	39.7	16.77	9.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	20.35	5.4	40.0	20.35	5.4	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	10.65	18.6	37.0	11.38	21.6	40.5	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.35	9.2	40.3	17.38	9.2	40.5	—	—	—
Helpers, construction trades	10.91	9.8	39.4	10.92	9.7	40.0	—	—	—
Construction laborers	14.50	10.8	39.3	14.49	10.8	39.9	—	—	—
Production helpers	11.79	3.5	39.0	11.98	3.0	39.8	—	—	—
Stock handlers and baggers	9.88	6.5	26.6	13.33	5.5	39.9	7.13	4.9	21.1
Machine feeders and offbearers	9.78	11.2	38.1	9.79	11.7	39.0	—	—	—
Freight, stock, and material handlers, n.e.c.	11.44	2.8	35.7	11.67	4.0	39.5	9.64	6.4	20.8
Garage and service station related	8.79	13.9	38.4	—	—	—	—	—	—
Vehicle washers and equipment cleaners	11.94	5.7	39.0	12.02	6.1	40.0	—	—	—
Hand packers and packagers	9.30	12.7	37.9	9.35	13.7	39.9	8.96	3.0	27.3
Laborers, except construction, n.e.c.	10.74	6.4	37.9	11.25	6.9	39.3	7.89	1.9	31.5
Service									
Protective service	15.41	7.5	37.9	16.34	7.0	41.3	6.83	11.2	21.6
Supervisors, police and detectives	27.14	6.1	40.1	27.14	6.1	40.1	—	—	—
Supervisors, guards	18.79	10.1	40.7	18.79	10.1	40.7	—	—	—
Firefighting	15.90	3.0	46.5	15.95	3.0	49.3	—	—	—
Police and detectives, public service	19.85	4.5	39.9	19.87	4.5	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	17.94	4.0	39.5	18.05	3.7	40.3	—	—	—
Correctional institution officers	14.87	9.3	39.2	14.92	9.2	39.9	—	—	—
Guards and police, except public service	9.79	10.4	34.7	10.83	11.7	40.0	—	—	—
Protective service, n.e.c.	7.42	11.1	19.0	—	—	—	6.44	5.6	15.9
Food service									
Waiters, waitresses, and bartenders	5.59	8.5	21.1	6.33	11.8	35.7	5.23	8.5	17.6
Bartenders	8.22	9.5	25.6	8.26	15.0	37.2	8.18	9.2	17.7
Waiters and waitresses	4.27	7.6	21.1	4.30	10.7	34.0	4.26	8.2	18.7
Waiters/Waitresses' assistants	6.34	11.5	15.2	6.77	27.7	38.7	6.26	11.1	13.8
Other food service	8.39	4.0	27.3	9.25	4.2	38.2	7.29	3.2	20.0
Supervisors, food preparation and service	11.03	3.2	32.3	11.61	7.3	40.4	9.02	14.9	19.1
Cooks	9.35	5.3	30.9	9.94	4.9	37.8	7.80	3.4	21.0
Kitchen workers, food preparation	7.63	6.9	25.7	8.25	4.2	39.3	7.25	13.0	21.1
Food preparation, n.e.c.	7.52	4.5	24.3	8.16	6.7	37.3	6.98	4.3	18.9
Health service									
Health aides, except nursing	10.72	9.6	32.6	11.08	12.2	38.9	9.59	2.7	21.8
Nursing aides, orderlies and attendants	10.06	5.8	34.3	9.94	6.2	38.6	10.64	6.3	22.1
Cleaning and building service	10.39	14.0	32.4	11.04	13.7	39.5	7.90	5.0	19.1
Supervisors, cleaning and building service workers	16.06	10.1	38.4	16.08	10.1	38.5	—	—	—
Maids and housemen	7.71	6.7	28.2	7.73	3.7	39.3	7.66	13.1	17.5
Janitors and cleaners	10.31	3.5	33.1	10.91	3.0	39.8	7.96	3.5	20.0
Personal service	9.53	5.1	30.7	10.07	6.9	38.0	8.26	3.6	21.1

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 July 2002–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service –Continued									
Personal service –Continued									
Hairdressers and cosmetologists	\$9.95	9.4	33.7	\$11.39	8.3	40.0	–	–	–
Attendants, amusement, and recreation facilities	6.94	6.4	35.0	6.88	7.9	39.7	\$7.17	2.5	24.8
Ushers	7.16	2.1	15.3	–	–	–	7.16	2.1	15.3
Welfare service aides	9.49	10.5	30.4	9.15	11.5	39.6	10.36	3.3	19.1
Early childhood teachers' assistants	8.49	5.2	30.7	8.45	4.7	38.4	8.55	11.2	24.5
Child care workers, n.e.c.	10.92	12.2	26.3	11.64	11.7	39.2	7.34	5.6	10.0
Service, n.e.c.	9.48	4.5	30.1	9.88	3.3	39.8	8.10	9.1	16.5

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

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

³ In this census division, data were collected between December 2001 and January

2003. The average reference period was July 2002.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. 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 July 2002

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$15.31	4.3	35.0	\$16.49	4.4	40.0	\$8.50	2.9	20.3
All, excluding sales	15.60	4.5	35.4	16.60	4.5	40.0	8.83	4.1	20.1
White collar	18.48	6.9	35.8	19.73	7.2	40.2	10.02	4.1	20.5
White collar, excluding sales	20.13	7.7	37.2	20.71	8.0	40.1	13.25	5.7	19.9
Professional specialty and technical	23.55	5.0	35.9	24.10	5.0	39.9	18.20	5.3	18.2
Professional specialty	25.19	6.0	36.8	25.64	6.6	39.9	19.79	9.2	18.9
Engineers, architects, and surveyors	27.83	12.6	40.3	27.83	12.6	40.3	-	-	-
Civil engineers	33.31	7.7	40.2	33.31	7.7	40.2	-	-	-
Electrical and electronic engineers	29.38	4.5	40.4	29.38	4.5	40.4	-	-	-
Industrial engineers	26.90	3.0	41.0	26.90	3.0	41.0	-	-	-
Mechanical engineers	30.12	2.0	40.6	30.12	2.0	40.6	-	-	-
Engineers, n.e.c.	25.81	21.1	40.1	25.81	21.1	40.1	-	-	-
Mathematical and computer scientists	30.33	4.2	40.4	30.33	4.2	40.4	-	-	-
Computer systems analysts and scientists	30.49	4.7	40.4	30.49	4.7	40.4	-	-	-
Operations and systems researchers and analysts	27.68	8.6	39.7	27.68	8.6	39.7	-	-	-
Natural scientists	24.25	12.2	39.2	24.25	12.6	40.1	-	-	-
Chemists, except biochemists	21.50	18.7	40.0	21.50	18.7	40.0	-	-	-
Biological and life scientists	27.24	17.1	36.4	27.56	17.7	39.6	-	-	-
Health related	25.55	7.9	33.8	25.85	9.4	39.4	24.16	2.8	20.4
Physicians	84.60	16.8	42.2	85.02	17.3	43.6	-	-	-
Registered nurses	21.41	3.8	32.8	20.75	4.5	39.2	23.75	2.2	20.8
Pharmacists	35.65	3.0	38.7	36.08	3.1	39.6	-	-	-
Dietitians	16.63	11.8	38.5	-	-	-	-	-	-
Respiratory therapists	20.78	8.0	32.4	20.82	8.4	35.2	-	-	-
Occupational therapists	22.52	2.0	30.7	22.39	2.4	38.7	-	-	-
Physical therapists	23.42	4.1	36.8	23.49	4.4	39.1	-	-	-
Physicians' assistants	28.09	9.2	39.9	28.07	9.2	40.0	-	-	-
Teachers, college and university	34.09	15.9	33.8	34.51	16.0	38.9	24.10	13.7	8.2
Social science teachers, n.e.c.	33.26	7.4	31.6	-	-	-	-	-	-
Art, drama, and music teachers	31.72	7.2	37.6	-	-	-	-	-	-
Other post-secondary teachers	32.12	2.4	31.4	32.25	1.5	38.2	29.61	22.9	7.0
Teachers, except college and university	14.25	9.5	36.2	14.29	10.2	39.4	13.63	8.2	14.6
Prekindergarten and kindergarten	9.92	10.1	37.1	9.82	10.2	39.2	-	-	-
Secondary school teachers	22.65	4.4	37.1	22.65	4.2	38.5	22.73	25.4	22.7
Teachers, n.e.c.	17.94	6.7	30.2	18.57	4.7	39.5	13.85	8.9	11.9
Librarians, archivists, and curators	24.83	2.5	37.9	25.47	5.7	41.3	-	-	-
Librarians	24.83	2.5	37.9	25.47	5.7	41.3	-	-	-
Social scientists and urban planners	22.00	4.3	40.0	22.00	4.3	40.0	-	-	-
Economists	22.77	2.3	40.0	22.77	2.3	40.0	-	-	-
Social, recreation, and religious workers	14.35	4.3	38.6	14.47	4.5	40.0	-	-	-
Social workers	14.19	4.8	38.7	14.31	5.0	40.0	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.24	19.2	33.5	16.65	14.7	40.2	7.55	8.4	17.6
Technical writers	17.78	19.3	40.0	17.78	19.3	40.0	-	-	-
Designers	12.20	37.0	33.1	14.05	33.0	39.9	-	-	-
Painters, sculptors, craft artists, and artist printmakers	18.33	7.7	39.9	18.33	7.7	39.9	-	-	-
Editors and reporters	15.45	18.4	38.3	15.68	17.6	40.5	-	-	-
Public relations specialists	32.16	18.5	40.3	32.16	18.5	40.3	-	-	-
Athletes	11.68	20.7	14.9	-	-	-	9.71	17.5	11.7
Professional, n.e.c.	23.44	19.1	40.0	23.44	19.1	40.0	-	-	-
Technical	19.73	8.5	33.9	20.29	8.8	39.6	16.05	8.9	17.3
Clinical laboratory technologists and technicians	16.82	9.4	36.3	16.91	8.5	39.8	15.88	19.6	19.5
Health record technologists and technicians	12.42	7.9	39.9	12.42	7.9	39.9	-	-	-
Radiological technicians	20.56	9.1	36.6	20.89	9.3	39.5	17.34	7.6	21.2
Licensed practical nurses	14.37	2.0	33.8	14.33	3.3	38.8	14.48	3.0	25.3
Health technologists and technicians, n.e.c.	12.92	3.0	34.3	13.35	5.2	39.9	11.46	8.7	23.1
Electrical and electronic technicians	18.76	6.5	40.0	18.76	6.5	40.0	-	-	-
Engineering technicians, n.e.c.	19.74	9.3	40.0	19.74	9.3	40.0	-	-	-
Drafters	17.05	3.6	40.0	17.05	3.6	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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Science technicians, n.e.c.	\$21.03	21.6	40.0	\$21.03	21.6	40.0	—	—	—
Computer programmers	23.78	5.6	40.0	23.78	5.6	40.0	—	—	—
Legal assistants	19.32	10.7	38.9	19.46	10.5	41.0	—	—	—
Technical and related, n.e.c.	14.89	11.3	33.0	14.75	8.1	39.9	—	—	—
Executive, administrative, and managerial	30.16	15.7	41.6	30.42	15.7	42.1	\$10.41	6.2	20.7
Executives, administrators, and managers	33.26	19.0	41.8	33.69	19.0	42.6	—	—	—
Personnel and labor relations managers	30.69	16.7	40.1	30.69	16.7	40.1	—	—	—
Purchasing managers	26.64	10.2	41.0	26.64	10.2	41.0	—	—	—
Managers, marketing, advertising, and public relations	33.51	14.3	40.1	33.75	14.4	40.6	—	—	—
Administrators, education and related fields	31.27	23.5	40.2	31.27	23.5	40.2	—	—	—
Managers, medicine and health	30.24	5.6	40.4	30.24	5.6	40.6	—	—	—
Managers, food servicing and lodging establishments	15.54	10.3	36.1	17.02	5.3	43.9	—	—	—
Managers, properties and real estate	14.16	20.6	29.7	16.34	21.8	39.9	—	—	—
Managers, service organizations, n.e.c.	17.61	20.7	42.4	17.61	20.7	42.4	—	—	—
Managers and administrators, n.e.c.	27.75	6.7	43.4	27.75	6.7	43.4	—	—	—
Management related	23.76	7.4	41.1	23.78	7.4	41.1	—	—	—
Accountants and auditors	24.09	9.4	40.0	24.09	9.4	40.0	—	—	—
Underwriters	19.74	7.3	40.1	19.74	7.3	40.1	—	—	—
Other financial officers	29.93	24.8	43.7	29.93	24.8	43.7	—	—	—
Management analysts	29.98	4.3	40.8	30.03	4.3	40.9	—	—	—
Personnel, training, and labor relations specialists	18.66	8.9	39.9	18.66	8.9	39.9	—	—	—
Purchasing agents and buyers, n.e.c.	22.36	8.7	40.7	22.36	8.7	40.7	—	—	—
Management related, n.e.c.	19.27	4.3	40.9	19.29	4.3	41.2	—	—	—
Sales	12.83	8.3	31.6	15.31	9.1	40.6	7.26	3.6	21.0
Supervisors, sales	18.38	18.7	40.9	18.45	18.8	41.2	—	—	—
Insurance sales	28.14	24.9	40.4	28.14	24.9	40.4	—	—	—
Securities and financial services sales	34.60	19.3	45.4	34.60	19.3	45.4	—	—	—
Advertising and related sales	15.38	15.5	35.5	16.53	13.2	39.9	—	—	—
Sales, other business services	—	—	—	15.89	27.8	40.8	—	—	—
Sales engineers	24.22	14.0	40.0	24.22	14.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	16.95	20.3	40.9	16.95	20.3	40.9	—	—	—
Sales workers, motor vehicles and boats	17.29	20.3	44.1	17.14	20.6	47.1	—	—	—
Sales workers, apparel	6.97	6.4	23.5	—	—	—	6.60	5.2	20.4
Sales workers, furniture and home furnishings ..	10.96	22.0	25.2	—	—	—	—	—	—
Sales workers, hardware and building supplies ..	15.00	23.5	29.6	17.59	26.1	40.0	8.21	6.7	17.6
Sales workers, parts	13.57	10.5	41.5	13.64	10.6	41.9	—	—	—
Sales workers, other commodities	12.57	6.8	27.5	14.47	7.2	38.6	8.08	3.5	16.4
Sales counter clerks	9.13	7.0	29.4	9.61	10.8	40.0	8.48	7.3	21.6
Cashiers	7.69	2.9	27.5	8.42	4.8	39.2	7.14	2.0	22.4
Demonstrators, promoters, and models, sales ..	11.17	16.0	26.8	—	—	—	—	—	—
Sales support, n.e.c.	14.55	8.4	38.3	15.24	8.9	41.8	—	—	—
Administrative support, including clerical	11.94	2.2	36.4	12.22	1.9	39.3	9.29	7.1	21.6
Supervisors, general office	17.11	3.7	41.3	17.11	3.7	41.3	—	—	—
Supervisors, financial records processing	19.08	5.7	41.1	19.08	5.7	41.1	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.92	9.9	39.8	17.92	9.9	39.8	—	—	—
Computer operators	14.03	2.8	39.0	14.07	2.6	40.0	—	—	—
Secretaries	12.70	6.4	37.8	12.72	6.5	38.3	11.84	10.0	23.6
Stenographers	13.87	2.4	37.5	13.91	2.2	39.4	—	—	—
Typists	12.86	7.6	36.8	12.82	8.3	39.7	—	—	—
Interviewers	—	—	—	11.69	3.6	39.8	—	—	—
Hotel clerks	7.99	3.7	30.4	8.23	3.0	39.3	—	—	—
Transportation ticket and reservation agents	10.66	23.6	35.5	—	—	—	—	—	—

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Receptionists	\$10.60	2.7	29.1	\$11.20	2.7	37.1	\$8.91	8.1	18.0
Information clerks, n.e.c.	11.80	2.6	37.2	11.79	3.3	39.9	11.85	3.2	26.2
Order clerks	13.14	8.5	38.7	13.66	6.0	39.9	—	—	—
Personnel clerks, except payroll and timekeeping	13.60	7.1	39.5	13.60	7.1	39.5	—	—	—
File clerks	10.18	6.7	38.5	10.26	7.1	39.9	—	—	—
Records clerks, n.e.c.	10.30	9.2	38.9	10.25	9.0	39.4	—	—	—
Bookkeepers, accounting and auditing clerks ...	11.27	4.0	36.8	11.33	4.4	38.8	9.72	4.9	16.7
Payroll and timekeeping clerks	14.41	15.6	40.0	14.41	15.6	40.0	—	—	—
Billing clerks	11.74	6.1	37.3	11.86	5.3	39.5	—	—	—
Telephone operators	14.04	8.8	36.8	14.61	7.5	38.8	—	—	—
Mail clerks, except postal service	9.69	7.6	29.2	—	—	—	—	—	—
Messengers	8.90	10.1	26.9	—	—	—	—	—	—
Dispatchers	15.87	8.4	37.7	15.65	8.7	40.0	—	—	—
Production coordinators	17.13	5.4	39.3	17.18	5.5	40.1	—	—	—
Traffic, shipping and receiving clerks	12.03	8.9	39.5	12.07	9.0	39.9	—	—	—
Stock and inventory clerks	10.85	6.7	37.0	11.04	7.0	40.0	—	—	—
Weighers, measurers, checkers, and samplers Material recording, scheduling, and distribution clerks, n.e.c.	11.77	18.0	40.0	11.77	18.0	40.0	—	—	—
Insurance adjusters, examiners, and investigators	10.28	3.8	36.7	10.54	4.5	40.0	—	—	—
Investigators and adjusters, except insurance ...	14.40	5.0	39.1	14.40	5.0	39.1	—	—	—
Bill and account collectors	12.47	3.7	38.8	12.61	4.3	39.8	—	—	—
General office clerks	14.09	5.4	38.3	14.29	5.2	40.0	—	—	—
Bank tellers	11.05	3.4	35.7	11.31	3.2	39.8	9.28	3.6	21.0
Proofreaders	9.17	3.5	31.9	9.75	4.7	39.2	7.86	5.2	22.5
Data entry keyers	12.86	9.0	36.7	—	—	—	—	—	—
Statistical clerks	10.89	1.7	38.8	10.95	1.8	39.8	10.10	12.4	28.5
Administrative support, n.e.c.	15.10	4.1	39.5	15.10	4.1	39.5	—	—	—
Blue collar	12.21	4.6	35.4	12.93	3.7	39.9	9.35	4.6	24.4
Precision production, craft, and repair	14.40	2.6	38.2	14.83	2.6	40.3	8.53	3.2	22.0
Supervisors, mechanics and repairers	18.11	3.0	40.2	18.14	3.0	40.3	13.86	33.2	27.4
Bus, truck, and stationary engine mechanics	25.67	3.5	40.7	25.15	3.1	42.1	—	—	—
Heavy equipment mechanics	13.22	5.0	41.9	13.22	5.0	41.9	—	—	—
Farm equipment mechanics	18.00	6.5	40.1	18.00	6.5	40.1	—	—	—
Industrial machinery repairers	14.19	11.7	42.1	14.29	11.3	42.1	—	—	—
Machinery maintenance	17.70	3.8	39.4	17.70	3.8	39.4	—	—	—
Electronic repairers, communications and industrial equipment	15.69	12.3	39.8	15.69	12.3	39.8	—	—	—
Heating, air conditioning, and refrigeration mechanics	20.36	3.9	40.0	20.36	3.9	40.0	—	—	—
Millwrights	17.89	16.4	40.0	17.89	16.4	40.0	—	—	—
Mechanics and repairers, n.e.c.	18.74	9.4	40.0	18.74	9.4	40.0	—	—	—
Supervisors, construction trades, n.e.c.	16.05	7.2	39.4	16.29	8.0	40.0	—	—	—
Carpenters	27.66	2.8	43.7	27.66	2.8	43.7	—	—	—
Electricians	17.72	4.1	39.9	17.71	4.1	40.0	—	—	—
Electrical power installers and repairers	23.75	12.6	40.0	23.75	12.6	40.0	—	—	—
Plumbers, pipefitters and steamfitters	26.27	13.9	40.0	26.27	13.9	40.0	—	—	—
Plumber, pipefitter, and steamfitter apprentices	22.86	17.1	40.0	22.86	17.1	40.0	—	—	—
Structural metal workers	17.65	20.7	39.9	17.65	20.7	39.9	—	—	—
Supervisors, production	23.44	5.9	40.0	23.44	5.9	40.0	—	—	—
Tool and die makers	20.56	10.0	40.3	20.56	10.0	40.3	—	—	—
Machinists	22.40	4.3	40.5	22.40	4.3	40.5	—	—	—
Sheet metal workers	21.12	3.1	40.0	21.12	3.1	40.0	—	—	—
Bookbinders	20.25	12.7	40.0	20.25	12.7	40.0	—	—	—
Electrical and electronic equipment assemblers	15.24	4.7	40.0	15.24	4.7	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	13.68	17.7	40.0	13.68	17.7	40.0	—	—	—
	14.51	17.2	40.0	14.51	17.2	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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Bakers	\$11.44	2.3	40.3	—	—	—	—	—	—
Inspectors, testers, and graders	18.94	3.6	40.0	\$18.94	3.6	40.0	—	—	—
Stationary engineers	18.87	8.4	40.0	18.87	8.4	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.77	5.2	38.7	13.01	4.6	39.9	\$8.00	7.9	24.0
Punching and stamping press operators	13.25	6.2	40.0	13.25	6.2	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.57	3.2	40.0	14.57	3.2	40.0	—	—	—
Numerical control machine operators	14.07	14.3	31.5	14.20	17.9	41.6	—	—	—
Fabricating machine operators, n.e.c.	12.47	9.5	40.2	12.47	9.5	40.2	—	—	—
Molding and casting machine operators	12.79	4.4	39.9	12.79	4.4	39.9	—	—	—
Metal plating machine operators	15.06	4.9	40.0	15.06	4.9	40.0	—	—	—
Printing press operators	17.00	4.8	39.2	17.00	4.8	39.2	—	—	—
Photoengravers and lithographers	16.86	9.5	39.3	16.86	9.5	39.3	—	—	—
Textile sewing machine operators	9.93	6.7	39.7	9.93	6.9	40.0	—	—	—
Laundering and dry cleaning machine operators	7.79	2.8	30.5	7.81	3.1	37.2	—	—	—
Cementing and gluing machine operators	14.41	10.4	40.0	14.41	10.4	40.0	—	—	—
Packaging and filling machine operators	11.39	13.3	39.5	11.44	13.8	40.0	—	—	—
Extruding and forming machine operators	10.83	11.7	39.8	10.83	11.7	39.8	—	—	—
Mixing and blending machine operators	13.84	3.7	40.0	13.84	3.7	40.0	—	—	—
Painting and paint spraying machine operators	16.65	6.9	40.0	16.65	6.9	40.0	—	—	—
Slicing and cutting machine operators	13.22	13.9	39.8	13.22	13.9	39.8	—	—	—
Photographic process machine operators	12.30	4.3	40.0	12.30	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.58	6.4	38.8	12.71	6.3	39.7	9.85	5.6	26.1
Welders and cutters	14.12	15.8	40.2	14.12	15.8	40.2	—	—	—
Assemblers	13.27	11.3	36.5	14.31	6.7	40.0	—	—	—
Miscellaneous hand working, n.e.c.	9.55	19.8	39.6	9.55	19.8	39.6	—	—	—
Production inspectors, checkers and examiners	15.08	2.3	39.4	15.24	2.3	40.0	—	—	—
Production testers	14.21	9.9	40.0	14.21	9.9	40.0	—	—	—
Transportation and material moving	14.31	6.1	37.5	14.72	6.7	41.7	9.82	9.4	17.8
Truck drivers	13.33	4.8	40.4	13.41	5.2	42.4	10.67	9.1	15.2
Driver-sales workers	10.93	15.4	28.3	13.82	13.8	40.0	8.21	17.3	22.1
Taxicab drivers and chauffeurs	9.39	15.4	25.1	—	—	—	—	—	—
Motor transportation, n.e.c.	8.17	10.3	26.2	9.95	4	39.5	—	—	—
Supervisors, material moving equipment	19.98	10.0	40.6	19.98	10.0	40.6	—	—	—
Crane and tower operators	19.07	8.6	40.0	19.07	8.6	40.0	—	—	—
Excavating and loading machine operators	14.64	12.6	40.0	14.64	12.6	40.0	—	—	—
Industrial truck and tractor equipment operators	13.91	5.0	39.5	14.06	5.4	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.71	15.7	39.7	17.16	15.5	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	10.93	4.4	35.5	11.55	5.1	39.7	7.84	3.9	23.4
Groundskeepers and gardeners, except farm ...	8.74	28.0	36.0	9.46	36.3	40.8	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	16.63	9.3	40.4	16.66	9.3	40.5	—	—	—
Helpers, construction trades	10.91	9.8	39.4	10.92	9.7	40.0	—	—	—
Construction laborers	14.60	11.9	39.3	14.58	11.9	39.9	—	—	—
Production helpers	11.79	3.5	39.0	11.98	3.0	39.8	—	—	—
Stock handlers and baggers	9.88	6.5	26.7	13.34	5.5	39.9	7.13	4.9	21.1
Machine feeders and offbearers	9.78	11.2	38.1	9.79	11.7	39.0	—	—	—
Freight, stock, and material handlers, n.e.c.	11.44	2.8	35.7	11.67	4.0	39.5	9.64	6.4	20.8
Garage and service station related	8.79	13.9	38.4	—	—	—	—	—	—
Vehicle washers and equipment cleaners	11.94	5.7	39.0	12.02	6.1	40.0	—	—	—
Hand packers and packagers	9.30	12.7	37.9	9.35	13.7	39.9	8.96	3.0	27.3
Laborers, except construction, n.e.c.	10.65	6.5	38.2	11.11	6.9	39.3	—	—	—
Service	8.72	4.2	28.0	9.73	4.6	38.4	7.06	3.0	19.4
Protective service	9.73	10.9	33.3	10.92	13.1	40.1	6.42	9.1	22.7

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Protective service —Continued									
Supervisors, guards	\$16.98	12.9	41.6	\$16.98	12.9	41.6	—	—	—
Guards and police, except public service	9.57	11.0	34.6	10.61	12.6	40.0	—	—	—
Protective service, n.e.c.	6.53	6.3	15.3	—	—	—	\$6.53	6.3	15.3
Food service	7.51	4.6	25.2	8.68	4.6	37.7	6.37	3.2	19.0
Waiters, waitresses, and bartenders	5.59	8.5	21.2	6.33	11.8	35.7	5.23	8.6	17.6
Bartenders	8.22	9.5	25.6	8.26	15.0	37.2	8.18	9.2	17.7
Waiters and waitresses	4.27	7.6	21.1	4.30	10.7	34.0	4.26	8.2	18.7
Waiters/Waitresses' assistants	6.35	11.6	15.2	6.77	27.7	38.7	6.28	11.2	13.8
Other food service	8.32	4.1	27.4	9.26	4.3	38.2	7.11	3.0	20.0
Supervisors, food preparation and service	10.84	4.0	32.4	11.57	7.4	40.6	7.44	8.0	16.7
Cooks	9.36	5.5	30.8	9.98	5.0	37.8	7.77	3.2	20.9
Kitchen workers, food preparation	7.50	3.7	25.7	8.24	5.1	39.3	7.04	7.7	21.2
Food preparation, n.e.c.	7.42	4.9	24.4	8.12	7.1	37.2	6.81	5.3	18.9
Health service	10.72	11.0	32.2	11.13	14.0	38.8	9.52	2.5	21.5
Health aides, except nursing	9.98	5.8	34.2	9.86	6.3	38.5	10.57	6.2	22.0
Nursing aides, orderlies and attendants	9.24	4.3	30.7	9.18	5.6	38.9	9.35	3.3	21.5
Cleaning and building service	9.26	7.4	30.3	9.79	8.0	39.3	7.89	5.1	19.2
Supervisors, cleaning and building service workers	12.26	9.7	37.4	12.22	9.8	37.5	—	—	—
Maids and housemen	7.70	6.7	28.1	7.72	3.7	39.3	7.66	13.1	17.5
Janitors and cleaners	9.58	2.2	30.7	10.29	2.0	39.7	7.95	3.7	20.1
Personal service	9.29	5.2	30.5	9.81	6.8	37.9	7.80	3.4	19.6
Hairdressers and cosmetologists	9.95	9.4	33.7	11.39	8.3	40.0	—	—	—
Attendants, amusement, and recreation facilities	6.94	6.5	35.0	6.88	7.9	39.7	7.17	2.5	24.7
Ushers	7.16	2.1	15.3	—	—	—	7.16	2.1	15.3
Welfare service aides	8.61	8.4	31.3	—	—	—	—	—	—
Early childhood teachers' assistants	7.66	3.5	31.0	8.00	1.7	38.9	6.51	4.3	18.7
Child care workers, n.e.c.	8.96	4.4	22.0	—	—	—	6.80	3.7	9.0
Service, n.e.c.	9.50	4.4	29.9	9.91	3.0	39.8	8.11	9.5	16.3

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, data were collected between December 2001 and January

2003. The average reference period was July 2002.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. 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 July 2002

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$20.40	3.5	37.2	\$20.94	2.9	39.4	\$13.10	5.2	21.0
All, excluding sales	20.41	3.5	37.2	20.95	2.8	39.4	13.12	5.3	21.1
White collar	22.75	2.8	37.4	23.11	2.3	39.1	15.86	7.8	20.3
White collar, excluding sales	22.77	2.7	37.4	23.12	2.2	39.1	15.94	7.9	20.4
Professional specialty and technical	25.43	1.7	37.2	25.63	1.9	38.8	21.07	3.9	19.6
Professional specialty	26.69	1.7	37.1	26.88	1.7	38.6	22.01	4.1	18.5
Engineers, architects, and surveyors	27.43	3.6	39.8	27.43	3.6	39.8	—	—	—
Civil engineers	31.92	14.7	39.2	31.92	14.7	39.2	—	—	—
Mathematical and computer scientists	24.44	2.8	40.0	24.44	2.8	40.0	—	—	—
Computer systems analysts and scientists	24.44	2.8	40.0	24.44	2.8	40.0	—	—	—
Natural scientists	19.33	1.0	40.0	19.33	1.0	40.0	—	—	—
Physical scientists, n.e.c.	27.74	12.4	39.3	27.74	12.4	39.3	—	—	—
Health related	24.01	6.4	37.4	23.86	6.8	39.6	25.38	4.6	24.6
Physicians	25.27	16.4	39.6	24.78	15.4	40.0	—	—	—
Registered nurses	22.82	2.6	36.8	22.62	3.3	39.7	24.01	3.6	25.4
Teachers, college and university	37.17	17.1	38.4	37.55	16.2	39.8	17.66	29.6	13.9
Health specialties teachers	23.55	11.5	39.7	23.56	11.6	40.5	—	—	—
Other post-secondary teachers	27.25	11.4	33.1	27.33	11.7	39.0	—	—	—
Teachers, except college and university	27.60	2.9	35.3	27.79	3.1	37.1	21.63	14.9	14.1
Prekindergarten and kindergarten	27.69	6.5	34.7	28.16	6.5	36.4	—	—	—
Elementary school teachers	28.66	2.8	36.4	28.71	2.8	36.8	—	—	—
Secondary school teachers	28.41	4.4	36.6	28.10	4.5	37.4	—	—	—
Teachers, special education	26.48	5.3	37.1	26.48	5.3	37.1	—	—	—
Teachers, n.e.c.	24.54	6.9	33.3	24.97	6.9	37.5	18.08	21.7	12.3
Substitute teachers	11.82	13.6	12.1	—	—	—	11.82	13.6	12.1
Vocational and educational counselors	25.60	8.9	39.4	25.60	8.9	39.4	—	—	—
Librarians, archivists, and curators	27.29	7.7	37.4	27.41	7.7	38.0	—	—	—
Librarians	27.29	7.7	37.4	27.41	7.7	38.0	—	—	—
Social scientists and urban planners	24.71	8.6	39.7	24.71	8.6	39.7	—	—	—
Psychologists	25.84	7.6	39.6	25.84	7.6	39.6	—	—	—
Social, recreation, and religious workers	17.13	6.8	37.7	17.22	6.7	39.9	—	—	—
Social workers	17.11	6.8	37.8	17.22	6.7	39.9	—	—	—
Lawyers and judges	29.56	12.5	37.6	29.77	12.6	39.9	—	—	—
Lawyers	26.88	5.2	37.3	27.00	3.8	39.9	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.01	10.4	38.8	21.44	11.0	40.0	—	—	—
Technical	15.10	6.9	37.9	14.82	6.8	39.9	17.90	3.8	25.0
Clinical laboratory technologists and technicians	13.22	9.2	40.0	13.22	9.2	40.0	—	—	—
Radiological technicians	21.80	8.1	36.1	—	—	—	—	—	—
Licensed practical nurses	12.67	6.8	37.8	12.11	8.7	39.8	18.55	7.4	24.6
Health technologists and technicians, n.e.c.	16.38	7.6	34.6	16.50	9.5	40.8	—	—	—
Engineering technicians, n.e.c.	17.85	4.5	39.9	17.85	4.5	39.9	—	—	—
Technical and related, n.e.c.	15.88	4.2	32.4	16.59	2.8	40.0	—	—	—
Executive, administrative, and managerial	30.19	11.8	39.8	30.21	11.8	40.3	19.64	32.9	5.6
Executives, administrators, and managers	33.70	9.5	39.8	33.74	9.5	40.5	—	—	—
Legislators	12.35	30.6	21.5	—	—	—	—	—	—
Administrators and officials, public administration	27.58	4.7	40.8	27.53	4.7	41.0	—	—	—
Administrators, education and related fields	31.65	22.8	40.2	31.65	22.8	40.2	—	—	—
Managers, service organizations, n.e.c.	22.16	10.9	40.0	22.16	10.9	40.0	—	—	—
Managers and administrators, n.e.c.	30.80	9.9	42.1	30.80	9.9	42.1	—	—	—
Management related	21.03	3.4	39.9	21.04	3.4	39.9	—	—	—
Accountants and auditors	21.70	4.5	39.7	21.70	4.5	39.7	—	—	—
Management analysts	22.69	17.9	40.0	22.69	17.9	40.0	—	—	—
Personnel, training, and labor relations specialists	21.80	5.4	39.7	21.85	5.1	39.8	—	—	—
Construction inspectors	20.40	8.2	39.7	20.40	8.2	39.7	—	—	—
Inspectors and compliance officers, except construction	22.53	8.7	39.9	22.53	8.7	39.9	—	—	—
Management related, n.e.c.	16.69	12.6	39.9	16.69	12.6	39.9	—	—	—

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales	\$10.29	7.5	22.2	—	—	—	—	—	—
Administrative support, including clerical	13.59	11.0	36.9	\$13.90	10.4	39.3	\$10.12	7.5	22.0
Supervisors, general office	16.94	3.9	40.0	16.94	3.9	40.0	—	—	—
Secretaries	14.91	13.0	38.9	15.01	13.0	39.5	10.48	4.3	22.8
Typists	12.33	9.3	39.8	12.33	9.3	39.8	—	—	—
Receptionists	12.52	8.4	32.4	12.76	8.1	40.0	—	—	—
Library clerks	10.14	8.5	25.0	11.45	3.6	38.2	9.22	13.1	20.2
Records clerks, n.e.c.	12.19	8.6	38.6	12.37	7.3	39.7	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.73	3.7	39.1	13.73	4.0	39.9	—	—	—
Dispatchers	13.70	4.7	38.7	13.69	5.0	40.0	—	—	—
Stock and inventory clerks	16.24	12.4	37.0	—	—	—	—	—	—
Eligibility clerks, social welfare	14.66	4.8	40.0	14.66	4.8	40.0	—	—	—
General office clerks	13.30	7.3	37.6	13.69	6.0	39.8	9.53	5.9	24.5
Teachers' aides	9.95	5.3	29.9	10.11	5.4	35.1	9.61	5.3	22.6
Administrative support, n.e.c.	13.24	8.2	38.6	13.23	8.7	39.6	—	—	—
Blue collar	16.17	2.8	36.6	16.55	2.5	39.8	12.15	7.1	19.9
Precision production, craft, and repair	18.12	3.9	40.0	18.12	3.9	40.0	—	—	—
Bus, truck, and stationary engine mechanics	16.71	5.4	40.0	16.71	5.4	40.0	—	—	—
Heavy equipment mechanics	18.80	4.6	40.0	18.80	4.6	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.06	6.4	40.0	16.06	6.4	40.0	—	—	—
Electricians	17.75	6.6	40.0	17.75	6.6	40.0	—	—	—
Construction trades, n.e.c.	14.45	7.6	40.0	14.45	7.6	40.0	—	—	—
Water and sewer treatment plant operators	19.46	3.5	40.0	19.46	3.5	40.0	—	—	—
Transportation and material moving	14.72	6.0	32.7	15.04	6.5	39.1	13.40	7.0	19.6
Truck drivers	13.72	9.1	40.0	13.72	9.1	40.0	—	—	—
Bus drivers	15.29	3.1	26.5	16.58	2.4	37.3	13.64	6.2	19.4
Handlers, equipment cleaners, helpers, and laborers	14.00	8.4	36.4	14.65	9.0	40.0	8.48	18.1	20.6
Supervisors, agriculture-related workers	20.35	5.4	40.0	20.35	5.4	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	14.33	10.5	39.2	14.30	11.6	40.0	—	—	—
Construction laborers	13.55	14.2	40.0	13.55	14.2	40.0	—	—	—
Laborers, except construction, n.e.c.	12.54	9.7	32.3	14.28	2.8	40.0	—	—	—
Service	14.51	3.8	36.9	15.19	3.3	40.6	9.74	4.7	22.5
Protective service	18.33	4.3	40.8	18.41	4.2	41.7	11.48	11.9	14.1
Supervisors, police and detectives	27.14	6.1	40.1	27.14	6.1	40.1	—	—	—
Firefighting	15.90	3.0	46.5	15.95	3.0	49.3	—	—	—
Police and detectives, public service	19.85	4.5	39.9	19.87	4.5	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	17.94	4.0	39.5	18.05	3.7	40.3	—	—	—
Correctional institution officers	14.87	9.3	39.2	14.92	9.2	39.9	—	—	—
Guards and police, except public service	16.37	17.4	37.6	16.04	18.0	39.4	—	—	—
Food service	9.42	3.0	26.1	9.04	4.5	38.1	9.77	3.3	20.4
Other food service	9.46	3.1	26.3	9.04	4.5	38.1	9.86	3.4	20.5
Cooks	9.25	3.7	34.8	9.15	3.6	37.3	—	—	—
Kitchen workers, food preparation	9.58	8.6	25.4	—	—	—	—	—	—
Food preparation, n.e.c.	8.71	5.3	23.2	—	—	—	8.68	6.2	19.0
Health service	10.69	3.2	35.8	10.74	4.3	39.6	10.44	1.7	25.0
Health aides, except nursing	11.99	7.3	37.3	—	—	—	—	—	—
Nursing aides, orderlies and attendants	10.62	3.5	35.7	10.68	4.7	39.5	10.36	1.5	25.0

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 July 2002—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Cleaning and building service	\$13.15	10.6	38.8	\$13.28	9.9	40.0	\$8.20	6.6	18.0
Supervisors, cleaning and building service workers	21.43	3.6	40.0	21.43	3.6	40.0	—	—	—
Janitors and cleaners	11.59	3.5	38.6	11.69	3.0	40.0	8.16	6.7	17.9
Personal service	10.81	9.0	31.4	12.14	8.7	38.8	9.52	11.8	26.6
Early childhood teachers' assistants	9.62	8.4	30.3	10.08	10.2	36.6	9.44	13.9	28.3
Child care workers, n.e.c.	13.55	6.0	35.8	—	—	—	9.31	2.0	16.8

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

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

³ In this census division, data were collected between December 2001 and January

2003. The average reference period was July 2002.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. 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 July 2002

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.11	4.1	35.3	\$15.31	4.3	35.0	\$20.40	3.5	37.2
All, excluding sales	16.43	4.3	35.7	15.60	4.5	35.4	20.41	3.5	37.2
White collar	19.43	5.1	36.1	18.48	6.9	35.8	22.75	2.8	37.4
1	7.90	4.1	24.4	7.84	4.3	24.4	8.72	4.9	24.2
2	8.43	3.6	29.9	8.23	3.5	29.7	10.44	7.2	32.2
3	9.77	2.9	32.9	9.63	3.1	32.9	11.71	4.9	33.0
4	11.98	2.9	37.4	11.95	2.3	37.5	12.15	5.8	37.0
5	14.25	4.2	37.7	13.98	2.8	37.7	15.13	4.4	37.8
6	15.92	3.1	38.8	16.05	3.6	39.1	15.46	4.5	37.5
7	19.75	2.1	39.0	18.73	3.7	40.0	22.13	3.4	36.9
8	23.23	2.1	37.6	21.93	1.7	37.4	24.78	4.1	37.8
9	27.35	2.8	37.0	27.54	3.8	36.4	26.97	3.1	38.2
10	28.96	3.8	40.2	29.53	4.8	39.9	27.01	4.7	41.5
11	34.44	2.0	40.8	35.61	2.5	41.0	30.81	7.7	40.1
12	42.60	7.7	40.4	45.25	8.2	40.8	32.69	16.8	39.1
13	46.76	13.6	40.5	54.67	16.4	41.0	41.12	4.1	40.2
14	61.99	11.4	43.1	65.31	13.5	44.0	-	-	-
15	55.59	.5	39.5	-	-	-	-	-	-
Not able to be leveled	25.16	34.4	34.5	25.02	36.0	34.4	27.48	13.5	36.1
White collar, excluding sales	20.85	5.4	37.3	20.13	7.7	37.2	22.77	2.7	37.4
1	8.54	10.5	28.5	8.50	12.5	29.7	8.72	4.9	24.2
2	9.65	4.1	33.5	9.47	4.3	33.6	10.46	7.3	32.9
3	10.26	4.3	35.4	10.11	4.5	35.6	11.74	4.9	33.3
4	12.01	4.6	37.3	11.97	4.2	37.4	12.17	5.8	37.0
5	14.23	4.4	37.6	13.89	2.9	37.5	15.13	4.4	37.8
6	15.67	4.6	38.1	15.75	5.3	38.4	15.46	4.5	37.5
7	19.92	1.9	38.7	18.83	3.9	39.7	22.13	3.4	36.9
8	23.44	2.3	37.4	22.18	1.6	37.0	24.78	4.1	37.8
9	26.46	1.8	36.6	26.18	3.2	35.7	26.97	3.1	38.2
10	28.80	4.3	40.2	29.38	5.4	39.9	27.01	4.7	41.5
11	34.00	1.7	40.5	35.11	2.1	40.7	30.81	7.7	40.1
12	42.60	7.7	40.4	45.25	8.2	40.8	32.69	16.8	39.1
13	46.76	13.6	40.5	54.67	16.4	41.0	41.12	4.1	40.2
14	61.99	11.4	43.1	65.31	13.5	44.0	-	-	-
15	55.59	.5	39.5	-	-	-	-	-	-
Not able to be leveled	29.43	33.2	36.3	29.59	35.2	36.3	27.48	13.5	36.1
Professional specialty and technical	24.26	3.1	36.4	23.55	5.0	35.9	25.43	1.7	37.2
Professional specialty	25.84	3.2	36.9	25.19	6.0	36.8	26.69	1.7	37.1
4	-	-	-	-	-	-	11.29	4.0	11.4
5	14.60	5.7	33.7	13.45	5.2	35.0	16.41	.6	31.8
6	14.54	8.4	36.8	13.84	9.9	38.3	17.53	6.9	31.4
7	21.56	2.1	36.7	19.93	5.4	36.8	23.34	4.2	36.5
8	24.48	3.5	36.6	22.81	2.5	35.3	25.57	5.5	37.5
9	27.50	2.7	37.3	26.55	6.5	37.1	28.57	2.0	37.6
10	27.54	4.2	39.4	29.37	3.8	38.8	23.77	1.8	40.7
11	32.94	2.0	40.5	35.26	2.6	40.9	27.06	8.3	39.4
12	37.40	13.4	39.7	41.48	9.1	40.5	27.74	14.3	38.1
13	44.68	29.2	40.4	63.30	16.0	40.8	32.69	17.2	40.1
14	57.13	3.9	38.3	59.33	2.5	37.8	-	-	-
Not able to be leveled	24.34	18.0	35.4	23.98	19.3	35.1	26.88	14.1	37.6
Engineers, architects, and surveyors	27.80	11.8	40.3	27.83	12.6	40.3	27.43	3.6	39.8
7	23.72	2.0	40.2	23.80	2.2	40.2	-	-	-
8	26.28	2.5	40.1	25.97	3.4	40.1	-	-	-
9	27.18	4.0	40.5	27.69	4.1	40.7	25.16	2.1	39.8
10	27.80	3.3	40.3	27.80	3.3	40.3	-	-	-
11	33.25	2.9	40.5	33.42	2.9	40.6	-	-	-
12	36.61	.2	40.1	36.28	.6	40.1	-	-	-
13	45.74	1.8	39.9	45.91	1.8	40.0	-	-	-
Civil engineers	33.05	4.2	40.0	33.31	7.7	40.2	31.92	14.7	39.2
9	27.00	4.4	39.8	-	-	-	-	-	-
11	33.16	8.7	40.1	34.48	9.0	40.1	-	-	-
Electrical and electronic engineers	29.69	4.1	40.4	29.38	4.5	40.4	-	-	-

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 July 2002–Continued

Occupations and levels	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									
Electrical and electronic engineers –Continued									
11	\$30.45	7.3	41.7	\$30.25	8.5	42.0	–	–	–
12	36.38	1.3	40.0	36.24	1.4	40.0	–	–	–
Industrial engineers	26.99	2.7	41.0	26.90	3.0	41.0	–	–	–
7	23.55	5.7	40.0	23.55	5.7	40.0	–	–	–
9	27.52	10.1	42.0	27.31	11.2	42.2	–	–	–
Mechanical engineers	30.12	2.0	40.6	30.12	2.0	40.6	–	–	–
9	31.16	5.2	40.5	31.16	5.2	40.5	–	–	–
10	27.61	1.5	40.6	27.61	1.5	40.6	–	–	–
Engineers, n.e.c.	25.67	19.7	40.0	25.81	21.1	40.1	–	–	–
7	23.66	2.5	40.2	–	–	–	–	–	–
9	25.61	4.3	40.0	26.09	6.2	40.0	–	–	–
10	27.46	7.0	40.3	27.46	7.0	40.3	–	–	–
11	34.35	2.6	40.0	34.35	2.6	40.0	–	–	–
12	35.20	1.7	40.2	35.20	1.7	40.2	–	–	–
Mathematical and computer scientists	29.26	5.2	40.3	30.33	4.2	40.4	\$24.44	2.8	40.0
7	22.49	3.4	40.0	–	–	–	–	–	–
8	22.04	3.6	39.8	22.04	3.6	39.8	–	–	–
9	31.04	6.1	40.1	31.86	6.7	40.1	28.69	2.7	40.0
10	29.69	6.4	40.0	32.45	3.4	40.0	–	–	–
11	35.39	4.7	42.0	36.29	3.3	42.1	–	–	–
12	37.73	3.4	41.2	37.73	3.4	41.2	–	–	–
13	45.05	2.2	40.0	45.05	2.2	40.0	–	–	–
Not able to be leveled	33.63	5.0	39.9	33.63	5.0	39.9	–	–	–
Computer systems analysts and scientists	29.33	5.7	40.3	30.49	4.7	40.4	24.44	2.8	40.0
7	22.46	3.5	40.0	–	–	–	–	–	–
8	22.33	4.4	39.8	22.33	4.4	39.8	–	–	–
9	31.30	6.4	40.1	32.26	6.9	40.1	28.69	2.7	40.0
10	29.43	7.5	40.0	32.43	3.8	40.0	–	–	–
11	35.80	4.2	42.3	36.84	2.4	42.5	–	–	–
12	37.72	3.4	41.2	37.72	3.4	41.2	–	–	–
13	44.29	1.4	40.0	44.29	1.4	40.0	–	–	–
Not able to be leveled	33.46	5.2	39.9	33.46	5.2	39.9	–	–	–
Operations and systems researchers and analysts	27.68	8.6	39.7	27.68	8.6	39.7	–	–	–
Natural scientists	20.97	6.1	39.7	24.25	12.2	39.2	19.33	1.0	40.0
8	20.45	3.4	38.9	–	–	–	–	–	–
9	26.39	5.9	39.7	–	–	–	–	–	–
Not able to be leveled	28.91	6.2	39.5	28.91	6.2	39.5	–	–	–
Chemists, except biochemists	21.50	18.7	40.0	21.50	18.7	40.0	–	–	–
Physical scientists, n.e.c.	27.44	12.5	39.7	–	–	–	27.74	12.4	39.3
Biological and life scientists	19.70	6.9	39.3	27.24	17.1	36.4	–	–	–
Health related	25.11	7.8	34.8	25.55	7.9	33.8	24.01	6.4	37.4
5	13.62	6.6	29.3	13.62	6.6	29.3	–	–	–
6	18.06	13.2	37.3	18.08	13.3	37.3	–	–	–
7	21.99	2.0	33.2	22.06	2.4	32.3	21.84	2.9	35.3
8	23.03	6.4	33.9	23.12	6.6	32.2	22.82	5.8	38.8
9	23.83	4.8	33.7	23.32	4.9	32.9	25.59	5.0	36.8
10	30.31	11.9	37.1	32.62	4.0	36.0	–	–	–
11	38.75	2.0	39.0	39.76	3.5	39.4	33.33	12.5	36.8
12	23.39	17.7	39.6	–	–	–	–	–	–
Not able to be leveled	19.72	9.5	36.5	19.72	9.5	36.8	–	–	–
Physicians	43.01	45.3	40.3	84.60	16.8	42.2	25.27	16.4	39.6
Registered nurses	21.76	3.0	33.7	21.41	3.8	32.8	22.82	2.6	36.8
6	22.02	7.2	32.0	–	–	–	–	–	–
7	21.64	2.0	32.7	21.51	1.8	31.6	21.90	2.8	35.0
8	21.71	2.2	33.9	21.77	3.5	31.9	21.58	.8	39.5
9	23.28	4.8	33.1	22.98	6.0	32.4	24.44	5.9	36.5

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 July 2002—Continued

Occupations and levels	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									
Registered nurses—Continued									
10	\$29.28	6.0	34.1	\$28.34	7.4	31.0	—	—	—
11	38.05	16.2	37.4	—	—	—	—	—	—
Not able to be leveled	17.56	3.5	36.7	17.56	3.5	36.7	—	—	—
Pharmacists	35.35	3.6	38.8	35.65	3.0	38.7	—	—	—
11	38.13	1.9	39.0	38.13	1.9	39.0	—	—	—
Dietitians	16.70	10.9	36.6	16.63	11.8	38.5	—	—	—
Respiratory therapists	20.78	8.0	32.4	20.78	8.0	32.4	—	—	—
Occupational therapists	23.92	5.9	31.4	22.52	2.0	30.7	—	—	—
8	22.40	1.9	33.4	—	—	—	—	—	—
Physical therapists	23.42	3.6	36.8	23.42	4.1	36.8	—	—	—
Speech therapists	28.02	4.3	32.1	—	—	—	—	—	—
Therapists, n.e.c.	17.34	6.1	40.0	—	—	—	—	—	—
Physicians' assistants	28.09	9.2	39.9	28.09	9.2	39.9	—	—	—
Teachers, college and university	36.54	16.3	37.4	34.09	15.9	33.8	\$37.17	17.1	38.4
7	27.86	14.6	33.2	—	—	—	29.47	9.9	33.6
8	22.17	20.8	35.3	23.97	7.3	33.2	21.43	30.2	36.2
9	28.75	8.8	37.6	24.41	15.7	30.5	29.59	9.9	39.4
10	29.28	2.2	38.2	30.23	10.9	20.1	29.12	3.9	44.7
11	27.71	13.2	39.7	29.27	10.3	37.8	27.32	16.8	40.2
12	33.65	9.5	39.6	—	—	—	—	—	—
13	38.87	12.4	40.3	—	—	—	38.37	12.5	40.3
Social science teachers, n.e.c.	32.31	1.2	38.6	33.26	7.4	31.6	—	—	—
Mathematical science teachers	27.75	25.9	39.9	—	—	—	—	—	—
Medical science teachers	36.20	11.9	40.1	—	—	—	—	—	—
Health specialties teachers	23.44	8.7	39.0	—	—	—	23.55	11.5	39.7
Business, commerce, and marketing teachers ..	43.75	17.3	37.1	—	—	—	—	—	—
Art, drama, and music teachers	36.75	12.1	38.8	31.72	7.2	37.6	—	—	—
Education teachers	29.68	6.7	40.1	—	—	—	—	—	—
Theology teachers	34.74	4.0	39.5	—	—	—	—	—	—
Trade and industrial teachers	30.91	8.1	37.3	—	—	—	—	—	—
Other post-secondary teachers	28.00	9.6	32.9	32.12	2.4	31.4	27.25	11.4	33.1
9	31.35	10.6	35.8	—	—	—	—	—	—
Teachers, except college and university	25.39	3.4	35.5	14.25	9.5	36.2	27.60	2.9	35.3
4	11.36	3.6	11.2	—	—	—	11.29	4.0	11.4
5	12.16	8.5	26.8	11.83	10.4	33.3	13.33	11.5	15.8
6	13.77	23.3	33.7	10.12	9.2	35.2	22.70	2.7	30.5
7	22.71	6.1	36.7	14.74	13.2	39.4	24.82	5.9	36.1
8	27.92	2.7	36.7	22.26	5.6	36.5	28.29	2.8	36.8
9	30.87	3.8	36.4	22.59	17.8	39.1	31.03	3.9	36.4
Prekindergarten and kindergarten	15.13	17.6	36.4	9.92	10.1	37.1	27.69	6.5	34.7
5	10.10	14.0	38.9	10.10	14.0	38.9	—	—	—
6	9.57	5.0	35.9	—	—	—	—	—	—
8	26.78	2.3	34.1	—	—	—	26.78	2.3	34.1
Elementary school teachers	28.45	3.5	36.5	—	—	—	28.66	2.8	36.4
5	20.61	17.4	25.0	22.85	12.3	40.0	—	—	—
6	24.17	.0	36.9	—	—	—	24.17	.0	36.9
7	25.91	7.4	36.2	—	—	—	26.34	7.2	36.0
8	28.37	2.3	37.1	—	—	—	28.50	2.8	37.0
9	31.40	4.6	36.6	28.12	2.9	38.7	31.43	4.7	36.6
Secondary school teachers	28.15	4.5	36.6	22.65	4.4	37.1	28.41	4.4	36.6
6	22.60	3.0	34.4	—	—	—	22.60	3.0	34.4
7	24.59	7.2	37.3	—	—	—	24.92	8.4	37.2
8	29.11	2.9	36.9	22.37	5.3	33.8	29.36	2.7	37.1
9	32.52	5.3	35.2	—	—	—	32.57	5.4	35.2
Teachers, special education	25.98	5.1	37.2	—	—	—	26.48	5.3	37.1
7	21.57	5.7	38.6	—	—	—	21.86	5.3	38.4
8	32.20	2.8	34.8	—	—	—	32.20	2.8	34.8

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 July 2002–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, except college and university –Continued									
Teachers, n.e.c.	\$22.98	7.0	32.5	\$17.94	6.7	30.2	\$24.54	6.9	33.3
5	12.35	4.3	20.0	–	–	–	–	–	–
7	22.31	7.3	36.4	15.46	7.1	38.5	24.72	6.5	35.7
8	22.99	2.1	37.2	22.42	8	37.3	23.26	3.1	37.2
9	27.08	11.5	37.0	–	–	–	27.06	11.5	37.0
Substitute teachers	11.82	13.6	12.1	–	–	–	11.82	13.6	12.1
5	10.99	7.9	12.6	–	–	–	10.99	7.9	12.6
Vocational and educational counselors	17.67	16.7	39.6	–	–	–	25.60	8.9	39.4
8	27.20	11.9	38.5	–	–	–	–	–	–
Librarians, archivists, and curators	27.12	7.3	37.4	24.83	2.5	37.9	27.29	7.7	37.4
7	25.81	13.8	37.5	–	–	–	26.13	14.8	37.2
8	28.47	9.2	36.4	–	–	–	–	–	–
9	31.60	20.3	39.1	–	–	–	–	–	–
Librarians	27.12	7.3	37.4	24.83	2.5	37.9	27.29	7.7	37.4
7	25.81	13.8	37.5	–	–	–	26.13	14.8	37.2
8	28.47	9.2	36.4	–	–	–	–	–	–
9	31.60	20.3	39.1	–	–	–	–	–	–
Social scientists and urban planners	23.30	6.1	39.8	22.00	4.3	40.0	24.71	8.6	39.7
9	23.46	6.6	39.8	23.91	5.8	40.0	–	–	–
Economists	22.77	2.3	40.0	22.77	2.3	40.0	–	–	–
9	23.91	5.8	40.0	23.91	5.8	40.0	–	–	–
Psychologists	24.64	9.7	39.6	–	–	–	25.84	7.6	39.6
Social, recreation, and religious workers	15.64	4.4	38.2	14.35	4.3	38.6	17.13	6.8	37.7
6	13.76	2.3	37.3	13.07	4.5	39.8	14.27	1.2	35.6
7	14.43	5.6	38.4	14.13	5.8	39.9	15.46	4.8	33.8
8	15.59	4.9	38.6	13.95	7.2	33.8	15.86	6.2	39.5
9	20.29	5.7	39.5	20.60	10.7	35.2	20.25	6.0	40.0
10	19.60	8.5	40.0	–	–	–	–	–	–
Social workers	15.57	4.3	38.3	14.19	4.8	38.7	17.11	6.8	37.8
6	13.77	2.4	37.2	13.06	4.9	39.8	14.27	1.2	35.6
7	14.39	5.4	38.5	14.13	5.8	40.0	15.31	4.9	34.2
8	15.58	4.9	38.9	–	–	–	15.86	6.2	39.5
9	20.08	5.8	39.4	–	–	–	20.25	6.0	40.0
Lawyers and judges	41.93	14.4	38.1	–	–	–	29.56	12.5	37.6
12	49.71	16.2	39.2	–	–	–	–	–	–
Not able to be leveled	41.00	22.1	37.8	–	–	–	–	–	–
Lawyers	41.25	15.4	38.0	–	–	–	26.88	5.2	37.3
12	49.71	16.2	39.2	–	–	–	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c.	15.69	15.9	33.9	15.24	19.2	33.5	21.01	10.4	38.8
5	14.09	17.1	39.1	11.23	6.2	38.8	–	–	–
6	11.61	3.8	39.6	11.60	3.9	39.6	–	–	–
7	17.62	5.8	40.2	17.53	6.0	40.2	–	–	–
9	21.67	8.6	40.9	–	–	–	–	–	–
11	29.10	10.8	40.0	29.10	10.8	40.0	–	–	–
Not able to be leveled	18.17	10.7	25.4	17.03	14.3	23.0	21.84	14.9	38.0
Technical writers	17.78	19.3	40.0	17.78	19.3	40.0	–	–	–
Designers	12.29	36.1	33.2	12.20	37.0	33.1	–	–	–
7	20.10	7.2	40.0	–	–	–	–	–	–
Painters, sculptors, craft artists, and artist printmakers	18.93	7.0	39.9	18.33	7.7	39.9	–	–	–
Not able to be leveled	18.93	7.0	39.9	18.33	7.7	39.9	–	–	–
Artists, performers, and related workers, n.e.c.	11.99	22.0	28.5	–	–	–	–	–	–
Not able to be leveled	11.99	22.0	28.5	–	–	–	–	–	–
Editors and reporters	15.45	18.4	38.3	15.45	18.4	38.3	–	–	–
7	15.23	6.5	40.6	15.23	6.5	40.6	–	–	–
Public relations specialists	27.18	21.9	40.1	32.16	18.5	40.3	–	–	–

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 July 2002–Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued									
Athletes	\$20.91	24.8	25.4	\$11.68	20.7	14.9	–	–	–
Not able to be leveled	20.91	24.8	25.4	11.68	20.7	14.9	–	–	–
Professional, n.e.c.	23.59	18.0	40.0	23.44	19.1	40.0	–	–	–
Technical	18.90	7.6	34.5	19.73	8.5	33.9	\$15.10	6.9	37.9
3	9.90	13.0	37.5	9.90	13.0	37.5	–	–	–
4	12.42	5.8	37.2	13.38	13.2	36.3	10.93	6.7	38.6
5	14.67	1.5	36.2	14.39	2.1	35.8	16.15	4.9	38.2
6	17.30	5.8	35.7	17.80	6.2	35.5	15.67	6.2	36.5
7	18.71	1.8	38.1	18.89	2.3	39.2	18.10	4.4	34.9
8	20.93	2.5	37.0	21.77	1.8	36.3	17.70	5.1	40.0
9	–	–	–	–	–	–	21.77	4.6	39.8
10	27.10	12.3	40.0	27.10	12.3	40.0	–	–	–
11	43.57	22.1	33.4	43.57	22.1	33.4	–	–	–
Not able to be leveled	16.84	7.5	35.4	16.84	7.5	35.4	–	–	–
Clinical laboratory technologists and technicians									
4	15.29	11.5	37.8	16.82	9.4	36.3	13.22	9.2	40.0
6	11.51	5.2	39.0	–	–	–	–	–	–
7	17.65	3.0	34.1	17.65	3.0	34.1	–	–	–
7	21.41	6.8	38.2	20.68	7.1	37.7	–	–	–
Health record technologists and technicians									
Radiological technicians	12.32	7.8	39.9	12.42	7.9	39.9	–	–	–
5	20.70	8.2	36.5	20.56	9.1	36.6	21.80	8.1	36.1
6	16.05	8.2	31.5	16.05	8.2	31.5	–	–	–
7	21.06	11.5	36.8	21.22	11.5	36.7	–	–	–
8	21.27	10.1	35.3	–	–	–	–	–	–
8	20.15	2.1	39.5	20.20	1.4	39.2	–	–	–
Licensed practical nurses									
4	13.93	2.1	34.8	14.37	2.0	33.8	12.67	6.8	37.8
5	11.60	10.5	39.2	13.92	16.6	38.8	8.79	1.7	39.8
6	14.56	2.3	35.1	14.49	2.4	34.4	–	–	–
6	15.38	5.5	33.1	16.51	2.9	30.7	14.44	8.4	35.3
Not able to be leveled	13.58	4.3	31.4	13.58	4.3	31.4	–	–	–
Health technologists and technicians, n.e.c.									
5	13.36	3.7	34.3	12.92	3.0	34.3	16.38	7.6	34.6
6	13.97	4.3	36.8	13.85	4.4	36.9	–	–	–
6	14.61	5.7	30.5	14.23	6.2	29.2	–	–	–
Electrical and electronic technicians									
7	18.78	6.3	40.0	18.76	6.5	40.0	–	–	–
7	16.48	8.9	40.0	16.48	8.9	40.0	–	–	–
Engineering technicians, n.e.c.									
7	18.81	5.7	40.0	19.74	9.3	40.0	17.85	4.5	39.9
8	19.11	7.7	40.0	–	–	–	–	–	–
8	19.12	7.1	40.0	22.67	3.7	40.0	–	–	–
Drafters									
5	17.45	2.6	39.3	17.05	3.6	40.0	–	–	–
6	16.62	9.8	37.6	14.98	9.1	39.9	–	–	–
7	16.38	8.0	40.0	16.38	8.0	40.0	–	–	–
7	18.85	8.3	40.0	18.78	8.6	40.0	–	–	–
Chemical technicians									
Science technicians, n.e.c.	18.14	6.4	37.6	–	–	–	–	–	–
Computer programmers	21.05	21.1	40.0	21.03	21.6	40.0	–	–	–
8	23.47	5.7	40.0	23.78	5.6	40.0	–	–	–
9	23.29	5.2	41.0	23.29	5.2	41.0	–	–	–
9	25.02	6.7	39.8	–	–	–	–	–	–
Legal assistants									
6	19.28	10.3	38.9	19.32	10.7	38.9	–	–	–
6	18.31	16.2	33.6	–	–	–	–	–	–
Technical and related, n.e.c.									
5	15.03	10.0	32.9	14.89	11.3	33.0	15.88	4.2	32.4
7	14.48	10.8	37.3	13.83	12.4	36.6	–	–	–
7	16.29	17.4	31.8	–	–	–	–	–	–
Executive, administrative, and managerial									
5	30.16	12.5	41.2	30.16	15.7	41.6	30.19	11.8	39.8
6	14.00	5.6	40.5	14.11	5.5	40.8	13.37	8.3	39.0
7	15.97	4.9	39.9	15.64	5.6	39.9	18.06	3.8	39.8
7	17.94	6.4	43.2	17.86	6.7	43.4	19.49	3.1	39.6

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 July 2002—Continued

Occupations and levels	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									
8	\$21.25	1.9	41.1	\$21.24	2.0	41.5	\$21.28	4.5	40.0
9	24.43	3.4	41.2	24.96	1.6	41.6	22.90	6.4	40.1
10	29.92	6.1	40.9	29.66	7.4	40.6	30.93	11.2	42.4
11	34.54	2.5	41.1	34.32	2.4	41.2	35.23	5.7	41.0
12	43.58	5.9	41.1	43.66	6.7	41.0	43.06	7.8	41.5
13	50.46	9.6	40.8	41.55	14.9	41.2	58.04	6.7	40.4
14	64.53	15.3	46.1	68.03	15.8	47.5	—	—	—
Not able to be leveled	52.66	47.7	39.7	—	—	—	29.06	18.5	34.3
Executives, administrators, and managers	33.34	14.5	41.4	33.26	19.0	41.8	33.70	9.5	39.8
5	14.34	5.4	42.2	14.38	5.4	42.6	—	—	—
6	14.29	15.9	40.6	—	—	—	—	—	—
7	17.72	10.0	44.1	17.64	10.2	44.2	20.79	4.9	40.0
8	20.60	3.0	41.6	20.57	2.7	42.1	20.72	6.9	39.9
9	24.19	4.7	41.7	24.99	2.0	42.4	22.22	6.6	40.1
10	30.40	7.6	41.1	29.97	8.6	40.7	32.05	13.6	42.8
11	35.34	3.1	41.0	35.17	4.2	41.0	35.85	4.9	41.0
12	43.54	7.2	41.5	43.50	7.9	41.4	43.75	8.2	41.8
13	50.46	9.6	40.8	41.55	14.9	41.2	58.04	6.7	40.4
14	64.56	15.3	46.1	68.08	15.8	47.6	—	—	—
Not able to be leveled	—	—	—	—	—	—	29.06	18.5	34.3
Legislators	12.35	30.6	21.5	—	—	—	12.35	30.6	21.5
Not able to be leveled	12.35	30.6	21.5	—	—	—	12.35	30.6	21.5
Administrators and officials, public administration	27.58	4.7	40.8	—	—	—	27.58	4.7	40.8
9	24.49	9.9	40.0	—	—	—	24.49	9.9	40.0
11	33.80	5.6	42.9	—	—	—	33.80	5.6	42.9
Financial managers	65.34	40.4	41.5	—	—	—	—	—	—
7	19.80	16.9	39.6	—	—	—	—	—	—
9	23.87	2.7	40.1	23.87	2.7	40.1	—	—	—
11	34.70	2.3	40.9	34.72	2.3	40.9	—	—	—
12	39.87	6.8	41.0	39.87	6.8	41.0	—	—	—
Personnel and labor relations managers	32.08	17.8	40.1	30.69	16.7	40.1	—	—	—
Purchasing managers	26.48	9.5	41.0	26.64	10.2	41.0	—	—	—
Managers, marketing, advertising, and public relations	33.51	14.3	40.1	33.51	14.3	40.1	—	—	—
9	22.91	5.5	39.4	22.91	5.5	39.4	—	—	—
11	41.85	17.0	41.1	41.85	17.0	41.1	—	—	—
12	40.67	30.6	40.3	40.67	30.6	40.3	—	—	—
Administrators, education and related fields	31.58	22.0	40.2	31.27	23.5	40.2	31.65	22.8	40.2
8	19.52	14.0	40.1	18.24	6.3	40.3	—	—	—
9	20.14	4.6	40.2	22.13	5.9	40.0	—	—	—
10	39.65	12.2	40.3	—	—	—	39.83	12.7	40.4
11	39.49	8.0	39.8	51.97	17.3	38.6	37.98	5.7	40.0
12	43.63	9.7	41.3	—	—	—	44.22	9.1	40.9
Managers, medicine and health	30.06	6.0	40.3	30.24	5.6	40.4	—	—	—
9	28.48	4.8	40.0	29.00	3.6	40.0	—	—	—
11	28.75	7.1	43.5	28.53	7.6	43.6	—	—	—
Managers, food servicing and lodging establishments	15.50	10.3	36.1	15.54	10.3	36.1	—	—	—
Managers, properties and real estate	16.11	16.4	30.6	14.16	20.6	29.7	—	—	—
Managers, service organizations, n.e.c.	18.17	18.3	42.1	17.61	20.7	42.4	22.16	10.9	40.0
Managers and administrators, n.e.c.	27.91	6.5	43.4	27.75	6.7	43.4	30.80	9.9	42.1
7	19.05	14.4	45.8	19.05	14.4	45.8	—	—	—
8	20.72	4.9	43.1	19.73	4.3	43.9	—	—	—
9	25.73	4.0	44.6	25.78	3.6	44.9	—	—	—
10	33.39	8.9	41.9	33.39	8.9	41.9	—	—	—
11	34.91	5.9	41.1	35.36	5.5	40.7	—	—	—
12	46.51	7.2	42.2	46.75	7.3	41.9	—	—	—
13	42.33	10.8	41.6	42.80	12.8	41.2	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Executives, administrators, and managers									
—Continued									
Managers and administrators, n.e.c.									
—Continued									
14	\$69.79	18.9	49.5	\$69.79	18.9	49.5	—	—	—
Not able to be leveled	22.06	21.9	42.4	21.37	21.2	42.7	—	—	—
Management related	23.33	6.7	40.9	23.76	7.4	41.1	\$21.03	3.4	39.9
5	13.76	7.7	39.4	13.87	7.2	39.3	13.40	12.4	39.6
6	16.33	3.8	39.7	16.14	3.9	39.7	17.85	4.4	39.8
7	18.37	3.3	41.4	18.33	3.6	41.7	18.82	3.7	39.4
8	21.76	4.0	40.8	21.80	4.6	41.0	21.65	6.7	40.0
9	24.79	1.8	40.4	24.93	1.8	40.5	24.29	4.3	40.1
10	26.38	5.1	39.8	27.26	5.1	39.7	—	—	—
11	28.92	10.2	41.7	29.25	11.9	42.0	—	—	—
12	43.83	13.9	39.1	44.52	14.5	39.2	—	—	—
Not able to be leveled	41.50	19.6	45.2	41.50	19.6	45.2	—	—	—
Accountants and auditors	23.88	8.9	40.0	24.09	9.4	40.0	21.70	4.5	39.7
6	19.03	7.4	40.0	—	—	—	—	—	—
7	20.24	4.0	40.5	20.02	3.9	40.6	—	—	—
8	21.30	5.7	40.5	21.27	6.1	40.5	—	—	—
9	24.08	9.2	39.3	24.37	8.8	39.3	—	—	—
Underwriters	19.74	7.3	40.1	19.74	7.3	40.1	—	—	—
Other financial officers	29.74	23.8	43.5	29.93	24.8	43.7	—	—	—
5	12.08	12.7	40.0	—	—	—	—	—	—
7	17.90	2.8	39.6	17.91	2.8	39.6	—	—	—
9	26.22	6.7	41.9	25.80	9.2	42.4	—	—	—
11	27.13	18.2	42.0	27.13	18.2	42.0	—	—	—
Management analysts	28.87	4.5	40.7	29.98	4.3	40.8	22.69	17.9	40.0
9	24.09	2.5	41.7	—	—	—	—	—	—
Personnel, training, and labor relations specialists	18.98	8.7	39.8	18.66	8.9	39.9	21.80	5.4	39.7
7	17.70	7.1	40.4	17.76	7.2	40.4	—	—	—
8	20.65	5.5	40.2	—	—	—	—	—	—
9	24.38	3.1	40.1	24.41	1.8	40.1	—	—	—
Purchasing agents and buyers, n.e.c.	23.21	6.8	40.6	22.36	8.7	40.7	—	—	—
7	19.31	3.0	40.0	19.31	3.0	40.0	—	—	—
Construction inspectors	20.56	6.7	39.8	—	—	—	20.40	8.2	39.7
6	17.56	4.8	40.0	—	—	—	17.56	4.8	40.0
Inspectors and compliance officers, except construction	22.41	7.8	40.1	—	—	—	22.53	8.7	39.9
Management related, n.e.c.	18.79	4.3	40.7	19.27	4.3	40.9	16.69	12.6	39.9
5	13.32	4.7	38.9	13.75	2.2	38.4	—	—	—
7	17.33	8.8	44.2	17.33	9.9	44.6	—	—	—
8	17.73	2.4	39.9	18.29	1.3	39.9	—	—	—
9	25.39	6.7	40.0	26.74	5.8	39.9	—	—	—
Not able to be leveled	20.56	11.8	39.4	20.56	11.8	39.4	—	—	—
Sales	12.83	8.3	31.5	12.83	8.3	31.6	10.29	7.5	22.2
1	7.54	3.2	22.5	7.54	3.2	22.5	—	—	—
2	7.13	2.7	26.9	7.13	2.7	27.0	—	—	—
3	8.34	3.7	27.2	8.34	3.7	27.3	—	—	—
4	11.87	5.3	37.8	11.87	5.4	37.8	—	—	—
5	14.39	4.6	38.7	14.38	4.6	38.7	—	—	—
6	16.86	6.9	41.3	16.86	6.9	41.3	—	—	—
7	18.12	8.8	42.2	18.12	8.8	42.2	—	—	—
8	20.01	6.9	40.8	20.01	6.9	40.8	—	—	—
9	40.55	12.4	44.4	40.55	12.4	44.4	—	—	—
10	31.02	.8	39.8	31.02	.8	39.8	—	—	—
11	41.20	11.6	45.2	41.20	11.6	45.2	—	—	—

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 July 2002—Continued

Occupations and levels	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									
Not able to be leveled	\$10.45	21.1	29.5	\$10.45	21.1	29.5	—	—	—
Supervisors, sales	18.34	18.7	40.9	18.38	18.7	40.9	—	—	—
4	10.81	6.8	36.5	10.81	7.0	36.4	—	—	—
5	12.14	3.5	41.8	12.14	3.5	41.8	—	—	—
6	18.32	3.8	40.6	18.32	3.8	40.6	—	—	—
7	16.43	11.5	42.3	16.43	11.5	42.3	—	—	—
8	19.31	8.3	41.1	19.31	8.3	41.1	—	—	—
Insurance sales	28.14	24.9	40.4	28.14	24.9	40.4	—	—	—
Securities and financial services sales	34.60	19.3	45.4	34.60	19.3	45.4	—	—	—
Advertising and related sales	15.38	15.5	35.5	15.38	15.5	35.5	—	—	—
Sales, other business services									
4	11.31	4.2	37.8	11.31	4.2	37.8	—	—	—
Sales engineers	24.22	14.0	40.0	24.22	14.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	16.95	20.3	40.9	16.95	20.3	40.9	—	—	—
6	16.36	6.4	43.0	16.36	6.4	43.0	—	—	—
7	22.18	14.2	40.3	22.18	14.2	40.3	—	—	—
Sales workers, motor vehicles and boats	17.29	20.3	44.1	17.29	20.3	44.1	—	—	—
Sales workers, apparel	6.97	6.4	23.5	6.97	6.4	23.5	—	—	—
3	7.53	3.6	24.4	7.53	3.6	24.4	—	—	—
Sales workers, furniture and home furnishings ..	10.96	22.0	25.2	10.96	22.0	25.2	—	—	—
Sales workers, hardware and building supplies ..	15.00	23.5	29.6	15.00	23.5	29.6	—	—	—
Sales workers, parts	13.57	10.5	41.5	13.57	10.5	41.5	—	—	—
4	12.45	9.5	41.1	12.45	9.5	41.1	—	—	—
Sales workers, other commodities	12.56	6.8	27.5	12.57	6.8	27.5	—	—	—
2	7.69	3.0	33.5	7.69	3.0	33.5	—	—	—
3	8.13	5.0	19.5	8.15	5.2	19.6	—	—	—
4	12.40	15.5	31.1	12.40	15.5	31.1	—	—	—
Sales counter clerks	9.13	7.0	29.4	9.13	7.0	29.4	—	—	—
3	10.29	4.1	31.2	10.29	4.1	31.2	—	—	—
Cashiers	7.70	2.9	27.5	7.69	2.9	27.5	—	—	—
1	7.54	3.7	25.1	7.54	3.7	25.1	—	—	—
2	7.06	2.7	26.9	7.05	2.7	27.0	—	—	—
3	7.85	5.1	29.0	7.85	5.1	29.0	—	—	—
4	10.53	3.3	40.0	10.53	3.3	40.0	—	—	—
Demonstrators, promoters, and models, sales ..	11.17	16.0	26.8	11.17	16.0	26.8	—	—	—
Sales support, n.e.c.	14.55	8.4	38.3	14.55	8.4	38.3	—	—	—
Administrative support, including clerical	12.26	4.8	36.5	11.94	2.2	36.4	\$13.59	11.0	36.9
1	8.54	10.5	28.5	8.50	12.5	29.7	8.72	4.9	24.2
2	9.65	4.2	33.5	9.47	4.3	33.6	10.46	7.3	32.9
3	10.27	4.0	35.3	10.12	4.2	35.6	11.74	4.9	33.3
4	12.13	3.4	38.0	12.02	2.5	38.1	12.52	8.1	37.7
5	14.03	5.9	38.6	13.71	4.6	38.2	14.74	6.2	39.7
6	15.47	5.3	39.5	16.04	6.1	39.4	14.56	11.0	39.5
7	18.17	2.9	39.9	18.14	1.7	40.4	18.23	4.6	38.9
8	20.70	7.2	41.3	21.32	5.7	41.4	—	—	—
9	20.88	3.2	40.1	21.32	3.5	40.1	—	—	—
Not able to be leveled	12.07	6.8	34.1	12.08	6.8	34.1	—	—	—
Supervisors, general office	17.05	2.4	40.9	17.11	3.7	41.3	16.94	3.9	40.0
6	16.12	5.9	39.2	—	—	—	—	—	—
7	17.11	3.5	41.7	17.01	5.0	42.7	—	—	—
8	19.12	8.2	40.0	—	—	—	—	—	—
Supervisors, financial records processing	19.06	5.3	41.0	19.08	5.7	41.1	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	15.90	9.1	39.9	17.92	9.9	39.8	—	—	—
7	16.85	15.3	40.0	16.85	15.3	40.0	—	—	—
Computer operators	13.91	2.3	39.1	14.03	2.8	39.0	—	—	—
Secretaries	13.72	8.3	38.3	12.70	6.4	37.8	14.91	13.0	38.9
2	9.91	15.1	33.9	—	—	—	11.62	14.1	32.7

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 July 2002—Continued

Occupations and levels	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									
Secretaries—Continued									
3	\$12.97	5.2	35.4	\$11.81	7.0	36.8	—	—	—
4	12.02	9.2	39.0	11.45	8.5	39.0	\$12.84	10.2	39.0
5	14.92	7.5	39.7	14.34	7.5	39.7	15.85	9.0	39.8
6	14.91	15.2	39.8	16.04	5.3	39.3	14.57	19.4	39.9
7	19.35	2.6	40.0	18.72	4.2	40.0	19.61	1.6	40.0
Stenographers									
4	13.87	2.4	37.5	13.87	2.4	37.5	—	—	—
4	13.48	5.7	36.0	13.48	5.7	36.0	—	—	—
Typists									
4	12.50	6.5	38.8	12.86	7.6	36.8	12.33	9.3	39.8
4	11.16	5.0	37.7	—	—	—	10.94	5.8	39.6
Hotel clerks									
3	7.99	3.7	30.4	7.99	3.7	30.4	—	—	—
3	8.34	8.5	39.0	8.34	8.5	39.0	—	—	—
Transportation ticket and reservation agents									
4	10.66	23.6	35.5	10.66	23.6	35.5	—	—	—
4	12.12	13.4	36.1	12.12	13.4	36.1	—	—	—
Receptionists									
1	10.70	2.1	29.3	10.60	2.7	29.1	12.52	8.4	32.4
1	8.68	6.5	20.0	8.65	6.4	19.8	—	—	—
2	8.39	7.3	21.8	8.32	7.1	21.5	—	—	—
3	11.54	6.4	34.1	11.38	6.6	33.8	13.08	10.3	36.5
4	11.17	11.2	33.0	11.19	11.4	33.6	—	—	—
Information clerks, n.e.c.									
3	12.04	1.9	36.6	11.80	2.6	37.2	—	—	—
3	10.90	1.4	36.7	10.88	1.6	36.7	—	—	—
4	12.59	5.8	37.7	12.38	8.0	37.0	—	—	—
Order clerks									
3	13.14	8.5	38.7	13.14	8.5	38.7	—	—	—
3	9.45	14.4	35.4	9.45	14.4	35.4	—	—	—
4	13.07	6.1	40.0	13.07	6.1	40.0	—	—	—
5	14.50	8.4	39.7	14.50	8.4	39.7	—	—	—
Personnel clerks, except payroll and timekeeping									
4	13.60	7.0	39.5	13.60	7.1	39.5	—	—	—
Library clerks									
1	10.17	8.4	25.2	—	—	—	10.14	8.5	25.0
1	7.53	8.2	15.2	—	—	—	7.53	8.2	15.2
3	8.62	11.0	24.8	—	—	—	8.60	11.1	24.7
4	11.60	10.9	23.9	—	—	—	11.60	10.9	23.9
File clerks									
2	10.17	6.5	38.5	10.18	6.7	38.5	—	—	—
2	9.69	2.8	39.8	9.69	2.9	39.8	—	—	—
Records clerks, n.e.c.									
3	10.47	8.2	38.8	10.30	9.2	38.9	12.19	8.6	38.6
3	10.69	5.4	38.5	10.71	5.3	38.5	—	—	—
4	12.71	7.9	38.7	12.67	9.7	38.8	—	—	—
5	13.67	4.2	40.7	14.02	5.2	40.9	—	—	—
Not able to be leveled									
4	10.32	8.9	37.2	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks ...									
2	11.49	3.6	37.0	11.27	4.0	36.8	13.73	3.7	39.1
2	8.63	10.7	38.2	8.51	11.2	38.1	—	—	—
3	10.26	3.8	34.1	10.26	3.8	34.1	—	—	—
4	11.85	5.7	38.1	11.66	6.5	38.1	13.46	3.0	37.8
5	11.27	7.5	37.8	11.16	7.2	37.8	—	—	—
6	13.13	8.8	37.9	13.10	11.9	36.6	—	—	—
7	16.08	2.4	39.4	16.22	4.1	39.0	—	—	—
Not able to be leveled									
4	13.19	9.0	38.9	13.19	9.0	38.9	—	—	—
Payroll and timekeeping clerks									
4	14.68	13.1	40.0	14.41	15.6	40.0	—	—	—
4	11.88	4.8	40.0	11.88	4.8	40.0	—	—	—
Billing clerks									
3	12.13	7.6	37.7	11.74	6.1	37.3	—	—	—
3	10.01	13.8	34.0	10.01	13.8	34.0	—	—	—
4	12.09	5.2	39.1	12.10	5.2	39.1	—	—	—
Telephone operators									
4	14.01	8.6	36.7	14.04	8.8	36.8	—	—	—
Mail clerks, except postal service									
4	9.69	7.6	29.2	9.69	7.6	29.2	—	—	—
Messengers									
4	8.96	9.6	27.5	8.90	10.1	26.9	—	—	—
Dispatchers									
4	14.43	5.1	38.4	15.87	8.4	37.7	13.70	4.7	38.7
4	12.30	13.1	40.0	—	—	—	—	—	—
5	13.55	10.9	37.7	—	—	—	—	—	—
Production coordinators									
4	17.13	5.4	39.3	17.13	5.4	39.3	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Production coordinators—Continued									
6	\$17.35	6.2	40.0	\$17.35	6.2	40.0	—	—	—
7	20.48	3.5	40.0	20.48	3.5	40.0	—	—	—
Traffic, shipping and receiving clerks									
3	12.03	8.9	39.5	12.03	8.9	39.5	—	—	—
4	10.58	4.1	39.1	10.57	4.2	39.1	—	—	—
5	13.26	5.4	40.0	13.26	5.4	40.0	—	—	—
5	15.10	6.5	40.0	15.10	6.5	40.0	—	—	—
Stock and inventory clerks									
3	11.05	5.6	37.0	10.85	6.7	37.0	\$16.24	12.4	37.0
4	10.24	6.9	34.6	10.24	7.0	34.6	—	—	—
4	13.34	7.0	40.0	12.26	7.5	40.0	—	—	—
5	13.58	8.0	40.0	13.58	8.0	40.0	—	—	—
Weighers, measurers, checkers, and samplers									
Material recording, scheduling, and distribution									
clerks, n.e.c.									
2	11.66	17.1	32.5	11.77	18.0	40.0	—	—	—
2	10.29	3.7	36.8	10.28	3.8	36.7	—	—	—
2	9.02	4.3	37.8	9.02	4.3	37.8	—	—	—
Insurance adjusters, examiners, and									
investigators									
4	14.40	5.0	39.1	14.40	5.0	39.1	—	—	—
4	11.73	3.9	39.3	11.73	3.9	39.3	—	—	—
6	15.18	.0	39.0	15.18	.0	39.0	—	—	—
7	17.90	3.8	39.1	17.90	3.8	39.1	—	—	—
Investigators and adjusters, except insurance ...									
3	12.55	3.5	38.8	12.47	3.7	38.8	—	—	—
4	10.82	4.0	39.2	10.82	4.0	39.2	—	—	—
4	13.23	2.3	39.0	13.07	2.9	39.0	—	—	—
5	13.57	7.9	40.0	13.57	7.9	40.0	—	—	—
6	17.65	13.1	40.0	—	—	—	—	—	—
Eligibility clerks, social welfare									
6	13.91	5.9	39.3	—	—	—	14.66	4.8	40.0
6	13.95	3.7	40.0	—	—	—	13.95	3.7	40.0
Bill and account collectors									
4	14.64	4.4	38.6	14.09	5.4	38.3	—	—	—
4	11.09	3.1	36.4	11.09	3.1	36.4	—	—	—
5	15.63	6.1	38.2	14.98	7.8	37.8	—	—	—
General office clerks									
1	11.72	6.7	36.2	11.05	3.4	35.7	13.30	7.3	37.6
1	10.45	16.8	34.8	10.92	18.9	37.9	—	—	—
2	10.89	7.2	33.2	10.83	8.9	32.0	11.18	6.0	39.9
3	10.12	2.8	34.2	9.73	3.8	33.8	11.47	8.0	36.1
4	12.04	3.4	38.8	11.46	1.3	39.5	14.35	11.6	36.4
5	14.74	1.8	39.3	14.97	5.2	37.2	14.67	2.7	40.0
6	15.26	7.4	40.0	15.40	8.3	40.0	—	—	—
Not able to be leveled									
6	10.63	8.4	37.8	10.63	8.4	37.8	—	—	—
Bank tellers									
2	9.17	3.5	31.9	9.17	3.5	31.9	—	—	—
2	9.04	7.5	27.9	9.04	7.5	27.9	—	—	—
3	8.92	4.5	31.8	8.92	4.5	31.8	—	—	—
4	10.19	8.4	37.0	10.19	8.4	37.0	—	—	—
Proofreaders									
2	12.86	9.0	36.7	12.86	9.0	36.7	—	—	—
Data entry keyers									
2	10.77	2.6	39.0	10.89	1.7	38.8	—	—	—
2	9.85	.6	40.0	9.85	.6	40.0	—	—	—
3	10.87	5.3	38.1	10.75	6.6	37.7	—	—	—
Statistical clerks									
4	15.10	4.1	39.5	15.10	4.1	39.5	—	—	—
Teachers' aides									
1	9.93	5.1	29.5	—	—	—	9.95	5.3	29.9
1	8.70	8.4	23.4	—	—	—	8.70	8.4	23.4
2	9.73	9.4	32.9	—	—	—	9.75	9.4	32.9
3	10.10	5.5	25.7	—	—	—	10.18	6.1	27.4
4	10.68	4.9	32.4	—	—	—	10.68	4.9	32.4
Administrative support, n.e.c.									
2	12.27	4.4	35.6	12.21	4.6	35.4	13.24	8.2	38.6
2	9.36	6.9	28.4	9.36	6.9	28.4	—	—	—
3	11.28	3.4	37.1	10.88	4.2	37.1	—	—	—
4	12.33	3.4	35.2	12.42	3.3	34.8	—	—	—
5	12.21	10.5	40.0	12.22	10.5	40.0	—	—	—
6	17.05	9.6	39.9	17.07	11.5	39.8	—	—	—
7	17.68	8.6	40.4	18.03	9.1	40.4	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
Administrative support, n.e.c.—Continued									
Not able to be leveled	\$12.19	11.3	33.0	\$12.19	11.3	33.0	—	—	—
Blue collar	14.48	2.6	38.1	14.40	2.6	38.2	\$16.17	2.8	36.6
1	8.87	3.2	32.2	8.89	3.3	32.3	7.23	9.6	25.3
2	10.33	7.6	37.6	10.31	7.7	37.8	11.93	14.4	21.4
3	12.37	4.2	38.2	12.31	4.3	38.4	14.56	5.3	33.6
4	13.34	2.3	37.2	13.35	2.4	37.5	13.15	3.9	31.6
5	15.80	3.0	40.4	15.79	3.1	40.6	15.84	5.1	37.6
6	16.26	1.7	41.6	16.37	1.9	41.7	14.73	6.0	40.0
7	20.82	2.4	40.1	21.24	2.3	40.1	17.22	3.8	40.0
8	23.85	4.1	40.2	23.88	4.5	40.2	23.68	1.4	40.0
9	25.74	4.9	40.2	25.90	5.4	40.3	23.95	2.1	40.0
10	31.31	1.9	40.0	—	—	—	—	—	—
Not able to be leveled	13.76	12.7	37.0	13.76	12.7	37.0	—	—	—
Precision production, craft, and repair	18.11	2.7	40.2	18.11	3.0	40.2	18.12	3.9	40.0
1	9.94	7.0	36.2	9.94	7.0	36.2	—	—	—
2	9.63	7.4	38.3	9.61	7.8	38.2	—	—	—
3	10.98	4.5	39.7	10.94	4.4	39.7	—	—	—
4	13.38	4.9	39.8	13.37	5.2	39.8	—	—	—
5	16.03	5.3	40.9	15.97	5.5	40.9	17.18	4.7	40.0
6	15.29	2.2	40.7	15.28	2.2	40.8	15.66	2.9	40.0
7	20.89	2.7	40.0	21.25	3.8	40.0	17.84	2.4	40.0
8	24.36	3.3	40.0	24.44	3.5	40.0	23.90	.6	40.0
9	24.63	5.0	40.2	24.58	5.3	40.2	25.48	2.2	40.0
10	31.31	1.9	40.0	—	—	—	—	—	—
Supervisors, mechanics and repairers	25.63	3.1	40.6	25.67	3.5	40.7	—	—	—
7	25.20	3.5	40.8	25.20	3.5	40.8	—	—	—
9	24.50	11.0	40.2	24.33	12.2	40.3	—	—	—
Automobile mechanics									
5	15.74	20.0	40.0	15.87	20.9	40.0	—	—	—
7	20.23	6.5	40.0	20.45	7.4	40.0	—	—	—
Bus, truck, and stationary engine mechanics	13.53	4.2	41.7	13.22	5.0	41.9	16.71	5.4	40.0
5	12.69	11.8	43.9	12.69	11.8	43.9	—	—	—
6	13.10	4.4	41.5	12.93	5.2	41.6	—	—	—
7	16.27	3.4	40.0	15.66	3.8	40.0	—	—	—
Heavy equipment mechanics	18.17	4.4	40.1	18.00	6.5	40.1	18.80	4.6	40.0
7	19.08	2.8	40.1	19.06	3.4	40.1	—	—	—
Farm equipment mechanics	14.19	11.7	42.1	14.19	11.7	42.1	—	—	—
Industrial machinery repairers	17.75	3.8	39.4	17.70	3.8	39.4	—	—	—
5	18.46	5.6	39.7	18.46	5.6	39.7	—	—	—
6	18.14	11.2	40.0	18.14	11.2	40.0	—	—	—
Machinery maintenance	15.69	12.3	39.8	15.69	12.3	39.8	—	—	—
Electronic repairers, communications and industrial equipment	19.72	5.0	40.0	20.36	3.9	40.0	—	—	—
7	21.35	8.4	40.0	23.29	3.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	17.83	15.9	40.0	17.89	16.4	40.0	—	—	—
Millwrights	18.74	9.4	40.0	18.74	9.4	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.05	6.3	39.4	16.05	7.2	39.4	16.06	6.4	40.0
4	12.54	9.1	38.4	12.54	9.1	38.4	—	—	—
5	14.82	14.0	40.0	14.85	17.7	40.0	—	—	—
6	15.69	8.6	40.0	15.47	9.3	40.0	—	—	—
7	17.59	5.2	39.3	17.55	5.9	39.2	17.96	8.4	40.0
Supervisors, construction trades, n.e.c.	23.05	8.4	41.6	27.66	2.8	43.7	—	—	—
Carpenters	17.86	4.7	39.9	17.72	4.1	39.9	—	—	—
5	15.24	3.5	40.0	15.24	3.5	40.0	—	—	—
7	20.57	5.5	39.8	20.75	6.5	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 July 2002—Continued

Occupations and levels	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									
Electricians	\$22.39	9.0	40.0	\$23.75	12.6	40.0	\$17.75	6.6	40.0
7	20.57	7.0	40.0	21.82	10.0	40.0	—	—	—
8	25.66	2.8	40.0	26.46	1.8	40.0	—	—	—
Electrical power installers and repairers	26.27	13.9	40.0	26.27	13.9	40.0	—	—	—
Painters, construction and maintenance	24.16	2.7	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	22.77	16.7	40.0	22.86	17.1	40.0	—	—	—
7	27.25	4.5	40.0	27.25	4.5	40.0	—	—	—
8	28.98	4.5	39.7	28.98	4.5	39.7	—	—	—
Plumber, pipefitter, and steamfitter apprentices	17.65	20.7	39.9	17.65	20.7	39.9	—	—	—
Structural metal workers	23.44	5.9	40.0	23.44	5.9	40.0	—	—	—
Construction trades, n.e.c.	16.87	4.6	40.0	—	—	—	14.45	7.6	40.0
5	15.83	7.1	40.0	—	—	—	—	—	—
Supervisors, production	20.27	8.7	40.3	20.56	10.0	40.3	—	—	—
7	20.05	4.4	40.5	21.49	2.0	40.6	—	—	—
8	24.11	8.5	40.0	23.37	8.7	40.0	—	—	—
9	24.64	2.8	40.3	24.44	2.9	40.4	—	—	—
Tool and die makers	22.40	4.3	40.5	22.40	4.3	40.5	—	—	—
7	22.60	5.3	40.7	22.60	5.3	40.7	—	—	—
Machinists	21.16	3.0	40.0	21.12	3.1	40.0	—	—	—
7	21.69	4.0	40.0	21.69	4.0	40.0	—	—	—
Sheet metal workers	20.25	12.7	40.0	20.25	12.7	40.0	—	—	—
Bookbinders	15.24	4.7	40.0	15.24	4.7	40.0	—	—	—
Electrical and electronic equipment assemblers	13.68	17.7	40.0	13.68	17.7	40.0	—	—	—
4	12.97	13.5	40.0	12.97	13.5	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.51	17.2	40.0	14.51	17.2	40.0	—	—	—
Butchers and meat cutters									
1	9.74	8.0	35.4	9.74	8.0	35.4	—	—	—
7	20.83	2.6	40.0	20.83	2.6	40.0	—	—	—
Bakers	11.44	2.3	40.3	11.44	2.3	40.3	—	—	—
Inspectors, testers, and graders	18.94	3.6	40.0	18.94	3.6	40.0	—	—	—
7	23.07	5.4	40.0	23.07	5.4	40.0	—	—	—
Water and sewer treatment plant operators	15.07	15.8	40.0	—	—	—	19.46	3.5	40.0
7	20.12	5.9	40.0	—	—	—	20.12	5.9	40.0
Stationary engineers	18.91	4.6	40.0	18.87	8.4	40.0	—	—	—
7	18.80	4.3	40.0	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	12.77	5.2	38.7	12.77	5.2	38.7	—	—	—
1	9.38	4.5	37.5	9.38	4.5	37.5	—	—	—
2	9.94	9.1	39.4	9.94	9.1	39.4	—	—	—
3	14.79	4.6	39.5	14.79	4.6	39.5	—	—	—
4	13.74	4.7	40.0	13.74	4.7	40.0	—	—	—
5	14.65	3.1	39.7	14.65	3.1	39.7	—	—	—
6	15.54	3.3	39.6	15.54	3.3	39.6	—	—	—
7	18.29	12.3	39.9	18.29	12.3	39.9	—	—	—
Not able to be leveled	8.67	12.1	30.8	8.67	12.1	30.8	—	—	—
Punching and stamping press operators	13.25	6.2	40.0	13.25	6.2	40.0	—	—	—
4	12.79	9.0	40.0	12.79	9.0	40.0	—	—	—
5	14.40	8.3	40.0	14.40	8.3	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.57	3.2	40.0	14.57	3.2	40.0	—	—	—
5	13.44	3.0	40.0	13.44	3.0	40.0	—	—	—
Numerical control machine operators	14.07	14.3	31.5	14.07	14.3	31.5	—	—	—
Fabricating machine operators, n.e.c.	12.47	9.5	40.2	12.47	9.5	40.2	—	—	—
3	10.84	11.5	40.0	10.84	11.5	40.0	—	—	—
5	16.33	7.0	40.7	16.33	7.0	40.7	—	—	—
Molding and casting machine operators	12.79	4.4	39.9	12.79	4.4	39.9	—	—	—
5	16.25	19.1	40.0	16.25	19.1	40.0	—	—	—
Metal plating machine operators	15.06	4.9	40.0	15.06	4.9	40.0	—	—	—
Printing press operators	17.00	4.8	39.2	17.00	4.8	39.2	—	—	—
3	10.36	2.7	40.0	10.36	2.7	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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Printing press operators—Continued									
4	\$13.25	4.4	38.8	\$13.25	4.4	38.8	—	—	—
5	15.06	6.6	38.4	15.06	6.6	38.4	—	—	—
7	20.71	8.5	39.9	20.71	8.5	39.9	—	—	—
Photoengravers and lithographers	16.86	9.5	39.3	16.86	9.5	39.3	—	—	—
Textile sewing machine operators	9.93	6.7	39.7	9.93	6.7	39.7	—	—	—
Laundering and dry cleaning machine operators	7.79	2.8	30.5	7.79	2.8	30.5	—	—	—
1	7.85	4.9	35.2	7.85	4.9	35.2	—	—	—
Cementing and gluing machine operators	14.41	10.4	40.0	14.41	10.4	40.0	—	—	—
Packaging and filling machine operators	11.39	13.3	39.5	11.39	13.3	39.5	—	—	—
2	11.06	5.0	36.7	11.06	5.0	36.7	—	—	—
3	11.82	7.4	40.0	11.82	7.4	40.0	—	—	—
4	14.84	6.2	40.0	14.84	6.2	40.0	—	—	—
5	15.39	7.8	40.0	15.39	7.8	40.0	—	—	—
Extruding and forming machine operators	10.83	11.7	39.8	10.83	11.7	39.8	—	—	—
Mixing and blending machine operators	13.84	3.7	40.0	13.84	3.7	40.0	—	—	—
Painting and paint spraying machine operators	16.65	6.9	40.0	16.65	6.9	40.0	—	—	—
3	19.64	8.7	40.0	19.64	8.7	40.0	—	—	—
4	19.47	12.3	40.0	19.47	12.3	40.0	—	—	—
5	14.16	6.7	40.0	14.16	6.7	40.0	—	—	—
Slicing and cutting machine operators	13.22	13.9	39.8	13.22	13.9	39.8	—	—	—
Photographic process machine operators	12.30	4.3	40.0	12.30	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	12.58	6.4	38.8	12.58	6.4	38.8	—	—	—
1	8.99	4.1	31.6	8.99	4.1	31.6	—	—	—
2	10.46	12.7	39.1	10.46	12.7	39.1	—	—	—
3	11.29	3.2	37.6	11.29	3.2	37.6	—	—	—
4	13.04	4.0	40.0	13.04	4.0	40.0	—	—	—
5	14.64	4.9	40.0	14.64	4.9	40.0	—	—	—
6	15.74	2.9	38.5	15.74	2.9	38.5	—	—	—
7	20.68	6.7	38.4	20.68	6.7	38.4	—	—	—
Welders and cutters	14.12	15.8	40.2	14.12	15.8	40.2	—	—	—
5	15.60	4.8	40.4	15.60	4.8	40.4	—	—	—
6	14.96	6.9	40.0	14.96	6.9	40.0	—	—	—
7	21.18	9.4	40.0	21.18	9.4	40.0	—	—	—
Assemblers	13.27	11.3	36.5	13.27	11.3	36.5	—	—	—
1	10.78	8.7	34.5	10.78	8.7	34.5	—	—	—
2	9.99	12.4	39.6	9.99	12.4	39.6	—	—	—
3	18.39	8.7	39.9	18.39	8.7	39.9	—	—	—
4	16.33	7.2	40.0	16.33	7.2	40.0	—	—	—
5	14.33	7.0	40.0	14.33	7.0	40.0	—	—	—
Miscellaneous hand working, n.e.c.	9.55	19.8	39.6	9.55	19.8	39.6	—	—	—
2	9.21	5.6	37.9	9.21	5.6	37.9	—	—	—
3	12.68	23.1	40.0	12.68	23.1	40.0	—	—	—
Production inspectors, checkers and examiners	15.08	2.3	39.4	15.08	2.3	39.4	—	—	—
3	19.73	13.6	40.0	19.73	13.6	40.0	—	—	—
4	14.44	19.9	40.0	14.44	19.9	40.0	—	—	—
5	12.04	11.4	40.0	12.04	11.4	40.0	—	—	—
Production testers	14.21	9.9	40.0	14.21	9.9	40.0	—	—	—
Transportation and material moving	14.34	5.2	37.1	14.31	6.1	37.5	\$14.72	6.0	32.7
1	8.52	6.2	30.5	8.51	6.4	30.8	—	—	—
2	11.85	4.1	35.4	11.79	4.6	36.1	14.27	16.8	20.2
3	11.08	6.5	36.3	10.86	6.1	36.7	15.48	7.5	30.2
4	13.52	4.9	33.9	13.53	5.4	34.3	13.44	5.6	28.0
5	17.42	5.5	40.9	17.67	5.9	42.2	15.71	2.2	34.2
6	19.83	6.4	47.5	20.95	6.2	49.2	—	—	—
7	23.12	16.4	41.4	25.36	13.5	41.7	—	—	—
9	32.88	22.3	40.8	—	—	—	—	—	—
Not able to be leveled	10.97	6.4	39.3	10.97	6.4	39.3	—	—	—

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 July 2002—Continued

Occupations and levels	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									
Truck drivers	\$13.34	4.7	40.4	\$13.33	4.8	40.4	\$13.72	9.1	40.0
1	7.84	11.6	28.0	7.84	11.6	28.0	—	—	—
3	10.19	4.5	37.9	10.20	4.5	37.8	—	—	—
4	13.12	8.8	40.9	13.06	9.0	40.9	—	—	—
5	18.06	7.0	42.8	18.13	7.1	42.8	—	—	—
6	20.97	7.0	51.0	20.97	7.0	51.0	—	—	—
Driver-sales workers	10.93	15.4	28.3	10.93	15.4	28.3	—	—	—
Bus drivers	13.68	5.3	21.4	—	—	—	15.29	3.1	26.5
2	12.08	7.5	25.0	—	—	—	12.56	21.7	17.3
3	15.81	4.6	29.1	—	—	—	16.73	3.1	28.8
5	15.98	2.6	31.9	—	—	—	15.84	1.8	31.4
Taxicab drivers and chauffeurs	9.18	14.4	25.4	9.39	15.4	25.1	—	—	—
2	9.23	17.1	24.1	9.23	17.1	24.1	—	—	—
Motor transportation, n.e.c.	8.17	10.3	26.2	8.17	10.3	26.2	—	—	—
1	8.81	9.5	34.2	8.81	9.5	34.2	—	—	—
Supervisors, material moving equipment	19.98	10.0	40.6	19.98	10.0	40.6	—	—	—
Operating engineers	21.14	11.1	40.0	—	—	—	—	—	—
Crane and tower operators	19.07	8.6	40.0	19.07	8.6	40.0	—	—	—
Excavating and loading machine operators	15.46	15.7	40.0	14.64	12.6	40.0	—	—	—
Grader, dozer, and scrapper operators	13.63	8.4	40.0	—	—	—	—	—	—
Industrial truck and tractor equipment operators	13.91	5.0	39.5	13.91	5.0	39.5	—	—	—
2	11.75	6.9	38.8	11.75	6.9	38.8	—	—	—
3	13.77	4.6	39.5	13.77	4.6	39.5	—	—	—
4	15.12	4.0	40.0	15.12	4.0	40.0	—	—	—
5	14.86	6.7	40.0	14.86	6.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.39	9.3	39.7	16.71	15.7	39.7	—	—	—
3	16.83	23.9	39.1	16.83	23.9	39.1	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
1	11.06	4.3	35.6	10.93	4.4	35.5	14.00	8.4	36.4
2	8.66	4.5	30.5	8.69	4.6	30.6	—	—	—
3	10.16	6.4	36.9	10.17	6.5	37.0	—	—	—
4	12.44	4.5	39.1	12.41	4.6	39.0	13.24	5.8	40.0
5	12.57	8.2	37.5	12.58	8.4	37.7	12.27	8.8	34.5
6	14.98	8.3	39.3	14.83	4.5	38.8	15.15	13.3	40.0
7	17.11	6.4	40.0	17.93	7.8	40.0	15.26	6.0	40.0
Not able to be leveled	19.53	6.9	38.9	18.89	6.0	38.7	—	—	—
Supervisors, agriculture-related workers	13.59	12.4	39.1	13.59	12.4	39.1	—	—	—
20.35	5.4	40.0	—	—	—	20.35	5.4	40.0	
Groundskeepers and gardeners, except farm ...	10.65	18.6	37.0	8.74	28.0	36.0	14.33	10.5	39.2
1	7.03	6.4	35.9	7.03	6.4	35.9	—	—	—
3	12.27	8.3	35.8	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.35	9.2	40.3	16.63	9.3	40.4	—	—	—
Helpers, construction trades	10.91	9.8	39.4	10.91	9.8	39.4	—	—	—
Construction laborers	14.50	10.8	39.3	14.60	11.9	39.3	13.55	14.2	40.0
3	12.28	9.5	40.0	12.24	9.7	40.0	—	—	—
4	18.71	12.9	39.7	—	—	—	12.66	12.2	40.0
Production helpers	11.79	3.5	39.0	11.79	3.5	39.0	—	—	—
2	11.04	3.9	39.4	11.04	3.9	39.4	—	—	—
3	12.81	3.9	40.0	12.81	3.9	40.0	—	—	—
Stock handlers and baggers	9.88	6.5	26.6	9.88	6.5	26.7	—	—	—
1	6.94	5.0	21.0	6.94	5.0	21.1	—	—	—
2	10.25	11.7	29.3	10.25	11.7	29.3	—	—	—
3	13.10	6.0	37.1	13.11	5.9	37.1	—	—	—
4	13.98	8.8	34.1	13.98	8.8	34.1	—	—	—
5	14.49	6.4	40.0	14.49	6.4	40.0	—	—	—
Machine feeders and offbearers	9.78	11.2	38.1	9.78	11.2	38.1	—	—	—
1	9.53	9.5	37.9	9.53	9.5	37.9	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Freight, stock, and material handlers, n.e.c.	\$11.44	2.8	35.7	\$11.44	2.8	35.7	—	—	—
1	9.63	6.0	34.9	9.63	6.0	34.9	—	—	—
2	9.91	17.7	34.5	9.91	17.7	34.5	—	—	—
3	15.11	8.3	39.6	15.11	8.3	39.6	—	—	—
4	12.77	3.7	33.6	12.77	3.7	33.6	—	—	—
Garage and service station related	8.79	13.9	38.4	8.79	13.9	38.4	—	—	—
Vehicle washers and equipment cleaners	11.94	5.7	39.0	11.94	5.7	39.0	—	—	—
2	9.09	8.6	40.0	9.09	8.6	40.0	—	—	—
Hand packers and packagers	9.30	12.7	37.9	9.30	12.7	37.9	—	—	—
1	9.95	5.1	33.5	9.95	5.1	33.5	—	—	—
4	10.98	8.8	40.0	10.98	8.8	40.0	—	—	—
Laborers, except construction, n.e.c.	10.74	6.4	37.9	10.65	6.5	38.2	\$12.54	9.7	32.3
1	8.25	6.9	37.1	8.31	7.2	37.6	—	—	—
2	10.86	7.2	38.1	10.86	7.2	38.8	—	—	—
4	14.21	6.8	35.4	14.27	6.9	35.2	—	—	—
5	14.34	7.2	40.0	13.74	9.9	40.0	—	—	—
6	13.85	3.3	40.0	—	—	—	—	—	—
Service	9.81	5.7	29.4	8.72	4.2	28.0	14.51	3.8	36.9
1	7.31	1.6	23.8	7.25	1.6	23.6	8.25	4.8	28.2
2	7.58	5.9	27.3	6.91	4.1	26.1	10.26	4.4	33.5
3	9.18	3.8	31.0	8.95	3.7	30.7	11.28	3.1	33.9
4	10.43	3.7	34.1	9.89	3.4	33.1	12.76	4.3	39.1
5	13.27	6.3	36.4	13.04	6.9	35.4	13.79	5.5	38.8
6	14.40	3.5	38.7	14.50	3.5	37.3	14.30	6.4	40.1
7	18.72	1.9	40.5	—	—	—	20.08	1.2	41.9
8	18.77	5.4	40.9	16.63	6.0	36.7	19.46	6.6	42.5
9	21.41	3.4	39.9	—	—	—	21.41	3.4	39.9
10	22.81	7.8	45.6	—	—	—	23.44	9.5	44.7
Not able to be leveled	8.29	6.7	28.4	8.16	7.0	28.3	—	—	—
Protective service	15.41	7.5	37.9	9.73	10.9	33.3	18.33	4.3	40.8
2	6.95	17.3	27.5	—	—	—	—	—	—
3	—	—	—	—	—	—	10.60	6.6	21.3
4	12.38	11.1	36.5	10.92	7.5	34.6	15.51	12.0	41.2
5	13.81	5.6	40.3	15.33	7.5	38.9	13.03	3.1	41.0
6	14.36	6.1	40.3	—	—	—	14.33	6.3	40.3
7	19.54	3.4	42.6	—	—	—	19.55	3.4	42.7
8	19.39	6.8	41.3	—	—	—	19.41	6.8	42.7
9	21.41	3.4	39.9	—	—	—	21.41	3.4	39.9
10	23.19	8.1	44.7	—	—	—	23.44	9.5	44.7
Supervisors, police and detectives	27.14	6.1	40.1	—	—	—	27.14	6.1	40.1
9	25.95	2.2	40.0	—	—	—	25.95	2.2	40.0
Supervisors, guards	18.79	10.1	40.7	16.98	12.9	41.6	—	—	—
Firefighting	15.90	3.0	46.5	—	—	—	15.90	3.0	46.5
7	17.55	7.5	52.2	—	—	—	17.55	7.5	52.2
Police and detectives, public service	19.85	4.5	39.9	—	—	—	19.85	4.5	39.9
6	17.06	8.0	40.1	—	—	—	17.06	8.0	40.1
7	21.15	1.5	39.6	—	—	—	21.15	1.5	39.6
8	20.00	11.8	40.0	—	—	—	20.00	11.8	40.0
9	20.12	3.4	40.0	—	—	—	20.12	3.4	40.0
Sheriffs, bailiffs, and other law enforcement officers	17.94	4.0	39.5	—	—	—	17.94	4.0	39.5
7	18.38	4.3	40.2	—	—	—	18.38	4.3	40.2
Correctional institution officers	14.87	9.3	39.2	—	—	—	14.87	9.3	39.2
5	12.49	3.4	40.0	—	—	—	12.49	3.4	40.0
6	14.33	6.6	37.2	—	—	—	14.33	6.6	37.2
Guards and police, except public service	9.79	10.4	34.7	9.57	11.0	34.6	16.37	17.4	37.6
5	15.34	7.1	39.0	—	—	—	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Protective service, n.e.c.	\$7.42	11.1	19.0	\$6.53	6.3	15.3	—	—	—
2	7.09	5.2	23.8	—	—	—	—	—	—
Food service	7.59	4.4	25.2	7.51	4.6	25.2	\$9.42	3.0	26.1
1	6.82	2.8	21.5	6.74	3.0	21.3	8.12	3.8	25.9
2	6.39	8.0	24.4	6.21	7.9	24.5	9.60	5.7	22.8
3	8.21	7.5	29.5	8.18	7.6	29.4	10.05	10.0	36.6
4	9.62	5.5	32.4	9.60	5.5	32.4	—	—	—
5	11.19	9.5	39.4	11.02	10.8	40.5	12.93	2.7	31.1
6	12.56	15.8	38.5	12.56	15.8	38.5	—	—	—
7	14.17	2.6	38.9	14.17	2.6	38.9	—	—	—
Not able to be leveled	6.73	12.7	20.6	6.73	12.7	20.6	—	—	—
Waiters, waitresses, and bartenders	5.59	8.5	21.1	5.59	8.5	21.2	—	—	—
1	5.87	10.2	16.0	5.87	10.2	16.0	—	—	—
2	5.23	16.8	23.8	5.23	16.9	23.8	—	—	—
3	6.12	11.0	24.1	6.12	11.0	24.1	—	—	—
Bartenders	8.22	9.5	25.6	8.22	9.5	25.6	—	—	—
2	8.72	7.7	27.0	8.72	7.7	27.0	—	—	—
3	7.58	12.9	23.6	7.58	12.9	23.6	—	—	—
Waiters and waitresses	4.27	7.6	21.1	4.27	7.6	21.1	—	—	—
1	5.14	6.4	17.0	5.14	6.4	17.0	—	—	—
2	4.27	9.6	22.9	4.27	9.6	22.9	—	—	—
3	3.52	11.8	24.3	3.52	11.8	24.3	—	—	—
Waiters/Waitresses' assistants	6.34	11.5	15.2	6.35	11.6	15.2	—	—	—
1	6.35	12.4	14.3	6.35	12.4	14.3	—	—	—
Other food service	8.39	4.0	27.3	8.32	4.1	27.4	9.46	3.1	26.3
1	7.10	3.2	24.0	7.02	3.3	23.9	8.12	3.8	25.9
2	7.51	6.4	25.0	7.27	4.5	25.2	9.74	5.3	23.2
3	9.07	4.4	32.5	9.05	4.4	32.4	10.05	10.0	36.6
4	9.88	5.7	33.4	9.86	5.7	33.4	—	—	—
5	11.22	9.8	39.6	11.05	11.3	40.7	12.93	2.7	31.1
6	12.56	15.8	38.5	12.56	15.8	38.5	—	—	—
7	14.17	2.6	38.9	14.17	2.6	38.9	—	—	—
Not able to be leveled	7.61	9.1	21.3	7.61	9.1	21.3	—	—	—
Supervisors, food preparation and service	11.03	3.2	32.3	10.84	4.0	32.4	—	—	—
3	7.40	6.4	30.7	7.40	6.4	30.7	—	—	—
5	10.99	10.7	39.2	10.48	12.3	42.0	—	—	—
7	14.17	2.6	38.9	14.17	2.6	38.9	—	—	—
Cooks	9.35	5.3	30.9	9.36	5.5	30.8	9.25	3.7	34.8
1	7.15	9.3	23.9	7.03	10.1	23.1	—	—	—
2	7.42	8.3	27.0	7.37	8.1	26.6	8.14	7.3	34.6
3	9.98	3.4	34.3	10.00	3.6	34.2	9.62	4.8	36.9
4	9.83	6.2	36.0	9.81	6.3	36.1	—	—	—
Food counter, fountain, and related	7.12	4.0	26.9	7.11	4.1	27.0	—	—	—
1	6.97	6.6	25.2	6.98	6.6	25.2	—	—	—
2	6.93	6.7	21.2	6.81	7.4	21.2	—	—	—
Kitchen workers, food preparation	7.63	6.9	25.7	7.50	3.7	25.7	9.58	8.6	25.4
1	7.24	4.0	26.3	7.17	3.9	25.8	—	—	—
3	8.76	4.6	29.8	8.68	4.1	29.8	—	—	—
Food preparation, n.e.c.	7.52	4.5	24.3	7.42	4.9	24.4	8.71	5.3	23.2
1	7.07	4.8	23.0	6.97	4.7	22.9	8.16	6.4	23.2
2	7.88	8.0	27.6	7.41	11.7	28.9	9.85	5.9	23.3
3	8.68	6.3	30.7	8.68	6.3	30.7	—	—	—
Health service	10.72	9.6	32.6	10.72	11.0	32.2	10.69	3.2	35.8
1	7.34	7.3	26.3	7.40	6.9	26.1	—	—	—
2	9.34	6.3	32.3	8.85	5.1	30.8	10.21	5.8	35.5
3	10.13	4.0	29.6	10.07	4.1	29.7	11.65	5.6	27.3
4	10.41	3.6	32.4	10.30	4.6	30.8	10.83	3.4	39.8
5	11.95	6.8	36.5	11.90	7.5	36.0	—	—	—
Health aides, except nursing	10.06	5.8	34.3	9.98	5.8	34.2	11.99	7.3	37.3
1	7.67	7.3	30.7	7.67	7.3	30.7	—	—	—
2	7.57	12.1	34.3	7.49	11.8	34.6	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Health service—Continued									
Health aides, except nursing—Continued									
3	\$9.61	6.6	35.9	\$9.58	6.6	36.1	—	—	—
4	11.34	8.5	30.4	11.42	8.7	30.3	—	—	—
5	12.05	9.8	39.4	—	—	—	—	—	—
Nursing aides, orderlies and attendants	9.45	3.9	31.3	9.24	4.3	30.7	\$10.62	3.5	35.7
1	7.16	9.3	24.5	—	—	—	—	—	—
2	9.53	6.2	32.1	9.09	2.3	30.2	10.19	5.9	35.5
3	10.03	2.3	28.6	9.94	2.6	28.6	11.61	5.7	27.5
4	10.22	3.8	33.3	9.99	4.5	31.6	—	—	—
Cleaning and building service	10.39	14.0	32.4	9.26	7.4	30.3	13.15	10.6	38.8
1	8.05	3.5	28.3	7.99	3.7	27.8	8.81	8.4	38.6
2	10.23	1.3	32.8	9.62	4.4	29.2	10.83	1.6	37.2
3	10.87	3.8	37.7	10.27	5.7	36.6	11.89	4.3	39.8
4	11.88	2.5	39.8	10.81	4.0	39.6	12.90	4.0	40.0
5	12.07	20.3	35.9	—	—	—	16.04	3.0	40.0
6	17.77	13.3	39.7	—	—	—	—	—	—
8	19.75	5.9	40.0	—	—	—	—	—	—
Not able to be leveled	9.62	7.8	31.2	9.62	7.8	31.2	—	—	—
Supervisors, cleaning and building service workers	16.06	10.1	38.4	12.26	9.7	37.4	21.43	3.6	40.0
8	19.75	5.9	40.0	—	—	—	—	—	—
Maids and housemen	7.71	6.7	28.2	7.70	6.7	28.1	—	—	—
1	7.39	2.5	28.4	7.38	2.4	28.3	—	—	—
2	8.74	3.0	32.0	8.74	3.0	32.0	—	—	—
Janitors and cleaners	10.31	3.5	33.1	9.58	2.2	30.7	11.59	3.5	38.6
1	8.59	1.7	28.3	8.56	2.5	27.4	8.85	9.5	38.6
2	10.56	1.6	33.0	10.12	6.4	27.8	10.83	1.6	37.2
3	10.91	3.9	37.9	10.32	5.8	36.9	11.90	4.3	39.8
4	11.86	2.6	39.8	10.72	4.6	39.6	12.98	4.2	40.0
5	15.32	3.4	39.3	14.40	7.9	38.3	—	—	—
Not able to be leveled	8.33	16.0	31.9	8.33	16.0	31.9	—	—	—
Personal service	9.53	5.1	30.7	9.29	5.2	30.5	10.81	9.0	31.4
1	7.61	3.3	24.6	7.65	3.9	25.5	7.31	2.9	19.3
2	6.96	5.3	29.2	6.66	5.2	28.6	8.26	6.2	32.3
3	8.26	4.6	27.2	7.80	3.2	27.4	9.63	5.8	26.7
4	9.68	8.1	34.2	9.28	7.9	34.0	12.35	7.6	35.7
5	18.92	16.5	28.8	22.54	22.2	24.1	—	—	—
6	12.73	17.3	35.0	12.80	17.8	35.3	—	—	—
Hairdressers and cosmetologists	9.95	9.4	33.7	9.95	9.4	33.7	—	—	—
4	9.56	8.7	33.4	9.56	8.7	33.4	—	—	—
Attendants, amusement, and recreation facilities	6.94	6.4	35.0	6.94	6.5	35.0	—	—	—
1	8.31	1.8	28.0	8.33	1.9	27.8	—	—	—
2	6.11	1.8	37.1	6.11	1.8	37.1	—	—	—
3	7.06	6.3	33.7	7.06	6.3	33.7	—	—	—
Ushers	7.16	2.1	15.3	7.16	2.1	15.3	—	—	—
Welfare service aides	9.49	10.5	30.4	8.61	8.4	31.3	—	—	—
Early childhood teachers' assistants	8.49	5.2	30.7	7.66	3.5	31.0	9.62	8.4	30.3
1	6.42	4.9	19.3	6.00	4.4	20.1	—	—	—
2	8.13	5.1	30.8	—	—	—	8.27	6.6	33.0
3	8.81	6.8	29.6	—	—	—	9.35	7.4	29.9
4	9.16	10.2	37.7	—	—	—	—	—	—
Child care workers, n.e.c.	10.92	12.2	26.3	8.96	4.4	22.0	13.55	6.0	35.8
2	7.48	5.9	10.6	—	—	—	—	—	—

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 July 2002—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service—Continued									
Service, n.e.c.	\$9.48	4.5	30.1	\$9.50	4.4	29.9	—	—	—
1	8.01	8.2	35.0	8.14	8.6	36.3	—	—	—
2	7.17	2.4	24.3	7.32	2.9	23.5	—	—	—
3	8.44	6.2	17.5	8.45	6.3	17.5	—	—	—
4	10.60	9.5	28.5	10.46	11.2	27.5	—	—	—

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, and so forth. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See 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, data were collected between December 2001 and January 2003. The average reference period was July 2002.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see 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 1,929 establishments representing approximately 6,554,600 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 Office of Management and Budget. Nonmetropolitan areas are counties that do not fit the metropolitan area definition.

The NCS locality 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, collection was conducted between December 2001 and January 2003, with an average reference period of July 2002.

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, 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 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 \$17.18 per hour with a relative standard error of 0.8 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$16.90 to \$17.46 ($\$17.18 \times 1.645 \times 0.008 = \0.2828 , round to \$0.28); ($\$17.18 - .28 = \16.90 ; $\$17.18 + .28 = \17.46). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. These errors 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 by 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 July 2002

Occupational group	All industries	Private industry	State and local government
All	6,554,600	5,483,100	1,071,500
All, excluding sales	5,928,700	4,859,100	1,069,600
White collar	3,177,500	2,425,900	751,600
White collar, excluding sales	2,551,600	1,801,900	749,700
Professional specialty and technical	1,154,100	685,400	468,800
Professional specialty occupations	895,500	469,400	426,100
Technical occupations	258,600	216,000	42,700
Executive, administrative, and managerial	431,300	349,000	82,300
Sales	625,900	624,000	1,900
Administrative support, including clerical	966,200	767,600	198,600
Blue collar	2,007,400	1,903,900	103,400
Precision production, craft, and repair	624,600	583,700	40,800
Machine operators, assemblers, and inspectors	483,700	483,700	-
Transportation and material moving	412,600	373,500	39,100
Handlers, equipment cleaners, helpers, and laborers	486,500	463,000	23,400
Service	1,369,800	1,153,300	216,500

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

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 July 2002

Industry division	Number of establishments studied						
	Total	1 to 99 workers ²	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 to 4,999 workers	5,000 or more workers
All	1,929	748	695	177	174	76	59
Private Industry	1,709	721	605	149	140	51	43
Goods-producing industries	470	160	186	58	27	18	21
Mining	9	8	1	—	—	—	—
Construction	78	52	23	3	—	—	—
Manufacturing	383	100	162	55	27	18	21
Durable goods	221	54	83	39	17	14	14
Nondurable goods	162	46	79	16	10	4	7
Service-producing industries	1,239	561	419	91	113	33	22
Transportation and utilities	144	49	46	22	16	1	10
Wholesale trade	90	53	27	4	5	1	—
Retail trade	279	172	93	10	3	1	—
Finance, insurance and real estate	144	82	28	12	10	6	6
Services	582	205	225	43	79	24	6
State and local government	220	27	90	28	34	25	16

¹ In this census division, collection was conducted between December 2001 and January 2003. The average reference period was July 2002.

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

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