

National Compensation Survey: Occupational Wages in the West North Central Census Division, 2000



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Preface

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

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

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

NCS bulletins are published for each of the 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, please

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

The BLS Office of Compensation and Working Conditions developed and produced this bulletin. The Directorate of Survey Processing coordinated the data file formation and tabulations. Field economists from the BLS regional offices, under the direction of the Assistant Regional Commissioners for Operations, collected the survey data. BLS thanks all survey respondents for their cooperation, without which this bulletin would not have been possible.

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

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Occupational Wages in the West North Central Census Division, 2000

This bulletin provides 2000 National Compensation Survey (NCS) estimates of occupational pay in the West North Central census division. The bulletin highlights average (mean) hourly pay for workers by seven characteristics:

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

Wages in the West North Central census division averaged \$14.99 per hour during 2000. Workers in private industry in the West North Central region averaged \$14.22 per hour, while pay of workers in State and local government averaged \$19.19 per hour. The nationwide hourly average for all workers covered by the survey was \$15.80.

Table 1 provides an overview of average pay for workers in private industry and State and local government by selected worker and establishment characteristics. For example, white-collar workers in private industry averaged \$16.92 per hour; blue-collar workers averaged \$13.24, and service workers averaged \$8.26. Corresponding averages in State and local government were \$21.54, \$14.92, and \$13.31. Generally, average hourly earnings for private industry workers were lower than those for State and local government workers. Part of this difference can be explained by differences in the occupational and industrial mix of the two sectors. For example, professional specialty and technical occupations are more prevalent in State and local government than in private industry. Conversely, few State and local government workers are in goods-producing industries other than construction.

Full-time workers in the West North Central region averaged \$15.96 per hour, while part-time workers averaged \$8.49. In private industry, full-time workers averaged \$15.22 an hour and part-time workers averaged \$8.14. For workers in State and local government, average hourly pay was \$19.71 and \$12.27, respectively. Full-time or part-time designation is based on the employer's definition of those terms.

Workers in the largest establishments, those with 2,500 or more employees, earned \$20.94 per hour. Workers in the smallest establishments (1 to 99 employees) averaged

\$13.06.

Table 2 provides an overview of average pay data by worker and establishment characteristics in metropolitan and nonmetropolitan areas. For example, white-collar workers in metropolitan areas averaged \$18.28 per hour, blue-collar workers averaged \$13.53, and service workers averaged \$9.26. Corresponding averages in nonmetropolitan areas were \$15.55, \$12.58, and \$9.42. See the Technical Note for definitions of metropolitan and nonmetropolitan areas.

Among the nine census divisions, average earnings were generally highest in the New England, Middle Atlantic, and Pacific regions. Average earnings for all 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 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 \$19.83 per hour (table 3). Registered nurses in private industry averaged \$19.48 (table 4), while their counterparts in State and local government averaged \$20.68 per hour (table 5). Laborers, except construction, averaged \$9.56 in private industry and \$11.61 in State and local government. Janitors and cleaners, a service occupation, averaged \$8.94 in private industry and \$11.13 in State and local government.

Earnings by occupational group and work level are shown in table 6. Generally, earnings increased as work levels became higher. For example, mean hourly earnings for white-collar workers ranged from \$6.97 at level 1 to \$59.88 at level 14. For blue-collar workers mean hourly earnings ranged from \$8.39 at level 1 to \$22.93 at level 9. Mean hourly earnings for service workers ranged from \$6.68 at level 1 to \$22.91 at level 10. The Bureau applies an "occupational leveling" technique with 10 criteria to determine the work level. The Technical Note has more information on occupational leveling.

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

TABLE 1. Summary, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² 2000

Worker and establishment characteristics, and geographic areas	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$14.99	3.3	35.3	\$14.22	3.3	35.0	\$19.19	2.8	37.2
Worker characteristics:⁴									
White-collar occupations ⁵	17.91	4.1	35.8	16.92	5.0	35.3	21.54	2.5	37.4
Professional specialty and technical ... Executive, administrative, and managerial	22.32	2.0	36.1	20.98	3.0	35.4	24.51	1.8	37.2
Sales	28.64	11.2	41.4	28.85	13.3	41.7	27.61	9.1	39.8
Administrative support	11.61	4.9	30.8	11.62	4.9	30.8	9.35	8.9	17.6
Blue-collar occupations ⁵	11.65	3.0	36.6	11.36	2.7	36.5	12.84	7.1	37.1
Precision production, craft, and repair Machine operators, assemblers, and inspectors	13.32	3.0	38.3	13.24	3.1	38.4	14.92	1.7	36.8
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers	16.78	3.5	40.0	16.78	3.8	40.0	16.82	3.2	40.0
Service occupations ⁵	12.58	4.6	38.8	12.58	4.6	38.8	–	–	–
Full time	12.61	4.8	38.1	12.55	5.2	38.6	13.42	4.0	32.9
Part time	10.13	2.9	36.0	10.01	2.9	36.0	13.01	5.8	37.0
Union	9.29	4.5	29.1	8.26	4.0	27.7	13.31	3.2	36.5
Nonunion	15.96	3.5	40.0	15.22	3.6	40.1	19.71	2.4	39.5
Time	8.49	2.2	19.8	8.14	1.9	19.7	12.27	6.0	21.1
Incentive	17.90	2.0	37.6	17.40	2.8	37.6	18.89	3.8	37.6
Establishment characteristics:	14.40	4.1	34.9	13.74	3.8	34.6	19.36	2.7	37.0
Goods producing	14.62	2.7	35.0	13.72	2.0	34.6	19.19	2.8	37.2
Service producing	21.06	23.7	40.7	21.06	23.7	40.7	–	–	–
1 to 99 workers ⁷	(⁶)	(⁶)	(⁶)	15.49	3.9	39.5	(⁶)	(⁶)	(⁶)
100 to 499 workers	(⁶)	(⁶)	(⁶)	13.65	4.5	33.3	(⁶)	(⁶)	(⁶)
500 to 999 workers	13.06	6.6	33.5	12.98	6.7	33.5	18.30	13.2	33.5
1,000 to 2,499 workers	14.33	2.6	35.7	13.93	2.9	35.7	17.02	3.8	36.1
2,500 workers or more	16.22	3.4	37.7	15.72	3.9	37.9	18.62	5.6	37.0
Geographic areas: ⁸	16.12	5.4	37.4	15.30	6.3	37.8	19.65	3.2	35.6
Metropolitan	20.94	1.7	37.9	22.06	5.1	37.2	20.26	2.9	38.4
Nonmetropolitan	15.36	3.7	35.1	14.60	3.7	34.7	19.84	2.3	37.6
New England	13.20	5.0	36.4	12.23	5.4	36.5	16.95	6.3	36.0
Middle Atlantic	17.45	1.7	35.4	16.82	2.6	35.4	22.75	1.8	35.6
East North Central	18.25	3.1	34.7	17.40	3.8	34.6	23.02	1.8	35.3
West North Central	15.75	2.4	35.8	15.03	2.5	35.8	20.91	2.1	35.9
South Atlantic	14.99	3.3	35.3	14.22	3.3	35.0	19.19	2.8	37.2
East South Central	14.90	2.8	36.5	14.38	3.6	36.2	17.52	1.6	38.1
West South Central	12.64	7.3	37.0	12.08	7.8	37.0	16.93	1.7	36.7
Mountain	14.57	3.3	36.8	14.08	3.8	36.6	16.95	1.9	38.3
Pacific	14.67	3.0	35.6	13.81	3.4	35.3	19.51	2.6	36.9
	17.15	1.4	35.6	16.11	1.7	35.5	22.84	1.4	35.7

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

² In this census division, collection was conducted between October 1999 and April 2001. The average reference period was August 2000.

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 survey areas in each census division and the States comprising the nine census divisions.

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

TABLE 2. Summary, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ 2000

Worker and establishment characteristics, and geographic areas	Total			Metropolitan areas			Nonmetropolitan areas		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$14.99	3.3	35.3	\$15.36	3.7	35.1	\$13.20	5.0	36.4
Private Industry	14.22	3.3	35.0	14.60	3.7	34.7	12.23	5.4	36.5
State and local government	19.19	2.8	37.2	19.84	2.3	37.6	16.95	6.3	36.0
Worker characteristics:⁵									
White-collar occupations ⁶	17.91	4.1	35.8	18.28	4.4	35.7	15.55	5.5	36.4
Professional specialty and technical ...	22.32	2.0	36.1	22.87	2.2	36.0	19.54	2.6	36.5
Executive, administrative, and managerial	28.64	11.2	41.4	29.02	12.0	41.5	24.67	20.9	40.4
Sales	11.61	4.9	30.8	11.62	5.0	30.5	11.54	8.4	35.0
Administrative support	11.65	3.0	36.6	12.03	2.6	36.8	9.51	7.3	35.8
Blue-collar occupations ⁶	13.32	3.0	38.3	13.53	2.7	38.3	12.58	9.8	38.4
Precision production, craft, and repair Machine operators, assemblers, and inspectors	16.78	3.5	40.0	17.13	3.5	39.9	15.18	9.4	40.8
Transportation and material moving ...	12.58	4.6	38.8	12.93	4.1	38.6	11.97	10.7	39.2
Handlers, equipment cleaners, helpers, and laborers	12.61	4.8	38.1	12.29	4.5	38.3	15.15	12.3	37.0
Service occupations ⁶	10.13	2.9	36.0	10.24	2.8	36.2	9.70	7.6	35.4
Full time	9.29	4.5	29.1	9.26	5.3	28.6	9.42	5.7	32.0
Part time	15.96	3.5	40.0	16.43	3.9	40.0	13.73	5.3	39.7
Union	8.49	2.2	19.8	8.43	2.7	19.6	8.81	3.0	21.5
Nonunion	17.90	2.0	37.6	18.32	2.2	37.4	16.36	4.6	38.5
Time	14.40	4.1	34.9	14.79	4.6	34.7	12.36	4.5	35.9
Incentive	14.62	2.7	35.0	14.93	3.0	34.8	13.18	4.8	36.2
	21.06	23.7	40.7	21.60	24.7	40.5	13.98	13.5	44.0
Establishment characteristics:									
Goods producing ⁷	15.49	3.9	39.5	16.20	4.1	39.3	13.26	8.5	40.1
Service producing ⁷	13.65	4.5	33.3	13.98	4.9	33.2	11.32	6.2	33.8
1 to 99 workers ⁸	13.06	6.6	33.5	13.07	7.0	33.4	12.86	8.5	34.7
100 to 499 workers	14.33	2.6	35.7	15.07	2.5	35.5	12.99	5.6	36.1
500 to 999 workers	16.22	3.4	37.7	16.37	4.5	37.6	15.85	3.4	37.9
1,000 to 2,499 workers	16.12	5.4	37.4	17.46	3.7	37.2	10.98	7.0	38.0
2,500 workers or more	20.94	1.7	37.9	20.94	1.7	37.9	-	-	-
Geographic areas:⁹									
New England	17.45	1.7	35.4	17.63	1.7	35.5	14.97	3.5	34.4
Middle Atlantic	18.25	3.1	34.7	18.33	3.2	34.7	15.48	2.2	35.8
East North Central	15.75	2.4	35.8	15.90	2.6	35.7	14.47	5.3	37.1
West North Central	14.99	3.3	35.3	15.36	3.7	35.1	13.20	5.0	36.4
South Atlantic	14.90	2.8	36.5	15.13	2.9	36.4	12.98	6.2	37.5
East South Central	12.64	7.3	37.0	13.96	2.8	36.5	10.07	9.4	38.0
West South Central	14.57	3.3	36.8	14.59	3.6	36.9	14.33	5.0	36.7
Mountain	14.67	3.0	35.6	14.54	3.1	35.5	15.96	5.6	36.2
Pacific	17.15	1.4	35.6	17.19	1.4	35.5	16.02	7.3	37.0

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

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

³ In this census division, collection was conducted between October 1999 and April 2001. The average reference period was August 2000.

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 See Technical Note for a list of survey areas in each census division and the States comprising the nine census divisions.

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

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 2000

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.99	3.3	35.3	\$15.96	3.5	40.0	\$8.49	2.2	19.8
All, excluding sales	15.36	3.4	35.9	16.18	3.5	39.9	8.97	2.9	20.0
White collar	17.91	4.1	35.8	18.92	4.2	39.9	9.89	3.5	19.5
White collar, excluding sales	19.47	4.1	37.2	19.95	4.2	39.8	13.06	4.5	19.9
Professional specialty and technical	22.32	2.0	36.1	22.76	2.0	39.3	17.28	5.1	18.4
Professional specialty	23.59	2.1	36.9	23.90	2.2	39.4	19.12	7.1	19.0
Engineers, architects, and surveyors	26.23	8.5	40.2	26.23	8.5	40.3	-	-	-
Architects	31.58	3.2	40.0	31.58	3.2	40.0	-	-	-
Civil engineers	32.97	5.3	39.3	32.98	5.3	40.2	-	-	-
Electrical and electronic engineers	29.55	2.5	40.9	29.55	2.5	40.9	-	-	-
Industrial engineers	26.01	3.6	41.0	26.01	3.6	41.0	-	-	-
Mechanical engineers	28.74	3.3	40.1	28.74	3.3	40.1	-	-	-
Engineers, n.e.c.	22.98	15.0	40.1	22.98	15.0	40.1	-	-	-
Mathematical and computer scientists	26.33	2.6	40.5	26.33	2.6	40.5	-	-	-
Computer systems analysts and scientists	26.75	3.0	40.5	26.75	3.0	40.5	-	-	-
Operations and systems researchers and analysts	20.55	6.6	40.0	20.55	6.6	40.0	-	-	-
Natural scientists	19.59	3.0	40.1	19.59	3.0	40.1	-	-	-
Chemists, except biochemists	18.50	13.8	40.6	18.50	13.8	40.6	-	-	-
Physical scientists, n.e.c.	28.57	8.2	40.0	28.57	8.2	40.0	-	-	-
Biological and life scientists	18.51	5.0	40.0	18.51	5.0	40.0	-	-	-
Health related	21.39	3.4	34.4	21.05	4.1	39.5	23.07	3.5	20.8
Physicians	46.58	17.9	41.0	45.40	19.7	44.2	-	-	-
Registered nurses	19.83	1.8	34.0	19.41	2.0	39.2	21.72	1.8	21.2
Pharmacists	30.87	4.5	30.5	31.34	6.2	40.2	-	-	-
Dietitians	13.54	9.8	30.8	-	-	-	-	-	-
Respiratory therapists	18.15	9.2	39.3	18.15	9.2	39.3	-	-	-
Occupational therapists	22.89	5.6	32.8	21.62	6.0	39.3	-	-	-
Physical therapists	24.12	3.4	33.4	23.64	3.3	40.0	-	-	-
Speech therapists	25.04	3.1	31.5	25.30	2.7	36.6	-	-	-
Therapists, n.e.c.	14.32	6.6	40.0	14.32	6.6	40.0	-	-	-
Physicians' assistants	28.86	5.2	40.0	28.86	5.2	40.0	-	-	-
Teachers, college and university	35.26	11.5	36.6	35.75	10.8	39.8	22.52	18.1	12.1
Chemistry teachers	31.81	3.2	40.2	31.81	3.2	40.2	-	-	-
Social science teachers, n.e.c.	31.28	2.0	39.1	31.31	2.0	39.4	-	-	-
Mathematical science teachers	28.96	20.6	40.5	28.96	20.6	40.5	-	-	-
Medical science teachers	29.81	17.4	39.1	29.88	17.4	40.2	-	-	-
Health specialties teachers	28.73	8.7	39.8	28.77	8.7	40.4	-	-	-
Business, commerce, and marketing teachers ..	39.86	4.6	29.7	-	-	-	-	-	-
Art, drama, and music teachers	37.27	15.1	37.1	37.74	15.0	40.5	26.77	13.4	12.9
Education teachers	23.10	7.3	26.9	-	-	-	-	-	-
English teachers	25.57	9.7	29.9	-	-	-	-	-	-
Theology teachers	39.19	2.7	39.9	-	-	-	-	-	-
Trade and industrial teachers	30.16	2.1	37.3	30.16	2.1	37.3	-	-	-
Other post-secondary teachers	25.77	8.5	31.0	25.28	8.6	38.7	29.13	14.1	13.1
Teachers, except college and university	25.16	2.3	34.6	25.78	2.6	37.2	15.19	16.7	16.5
Prekindergarten and kindergarten	15.70	18.4	29.0	18.97	16.2	37.5	-	-	-
Elementary school teachers	27.44	3.5	36.1	27.44	3.5	36.4	26.65	25.7	14.4
Secondary school teachers	26.77	2.8	36.5	26.65	2.9	37.4	30.36	13.7	21.0
Teachers, special education	27.15	6.3	37.0	27.27	6.5	37.7	-	-	-
Teachers, n.e.c.	22.27	6.8	32.5	23.34	6.0	37.7	14.05	15.5	15.6
Substitute teachers	9.51	8.0	10.3	-	-	-	9.51	8.0	10.3
Vocational and educational counselors	18.18	15.0	37.6	18.14	15.1	39.7	-	-	-
Librarians, archivists, and curators	21.77	15.0	38.0	21.84	15.2	38.4	15.32	6.6	19.2
Librarians	21.77	15.0	38.0	21.84	15.2	38.4	15.32	6.6	19.2
Social scientists and urban planners	23.76	3.8	39.9	23.96	3.7	40.3	-	-	-
Economists	24.16	5.3	40.0	24.16	5.3	40.0	-	-	-
Psychologists	24.38	4.5	39.9	24.69	4.4	40.5	-	-	-
Social, recreation, and religious workers	15.26	3.8	39.1	15.28	3.9	39.9	14.24	9.1	22.4
Social workers	15.22	3.8	39.2	15.25	3.9	39.9	13.91	9.0	22.3
Lawyers and judges	30.67	9.2	41.9	30.74	9.4	44.2	-	-	-
Lawyers	29.39	6.7	42.0	29.43	6.8	44.5	-	-	-

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 2000—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.	\$17.35	11.6	34.4	\$18.60	9.6	40.1	\$10.25	16.0	19.0
Designers	—	—	—	12.32	17.5	40.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	17.82	5.9	39.9	17.82	5.9	39.9	—	—	—
Editors and reporters	20.06	7.9	39.4	20.29	7.8	40.5	—	—	—
Public relations specialists	18.18	14.7	37.3	18.00	15.4	40.1	—	—	—
Athletes	15.55	11.0	27.6	16.59	16.9	40.0	—	—	—
Professional, n.e.c.	30.13	11.4	40.3	30.13	11.4	40.3	—	—	—
Technical	18.20	6.6	33.7	18.78	6.6	39.0	14.21	7.9	17.5
Clinical laboratory technologists and technicians	14.09	11.3	37.9	13.79	11.4	39.9	18.43	8.8	22.0
Health record technologists and technicians	10.18	3.5	32.4	—	—	—	—	—	—
Radiological technicians	18.21	5.6	36.6	18.32	6.0	39.7	17.00	6.2	20.2
Licensed practical nurses	12.55	3.4	33.3	12.53	3.6	39.6	12.59	4.2	23.5
Health technologists and technicians, n.e.c.	12.14	6.1	34.6	12.21	7.2	39.7	11.92	8.6	23.7
Electrical and electronic technicians	18.76	6.2	40.0	18.76	6.2	40.2	—	—	—
Engineering technicians, n.e.c.	18.88	3.0	39.8	18.93	2.8	40.0	—	—	—
Drafters	16.66	3.3	39.2	16.81	3.8	40.0	—	—	—
Chemical technicians	17.26	6.4	37.9	17.67	6.9	40.0	—	—	—
Science technicians, n.e.c.	15.37	8.9	38.8	15.34	9.1	40.0	—	—	—
Airplane pilots and navigators	93.61	23.3	18.8	93.61	23.3	18.8	—	—	—
Computer programmers	22.09	3.5	40.2	22.35	3.3	40.7	—	—	—
Legal assistants	18.16	13.8	38.6	18.30	14.1	39.5	—	—	—
Technical and related, n.e.c.	17.14	10.0	32.5	17.65	12.6	39.7	—	—	—
Executive, administrative, and managerial	28.64	11.2	41.4	28.66	11.2	41.7	18.26	14.3	8.6
Executives, administrators, and managers	31.94	14.6	42.1	31.97	14.6	42.2	15.01	15.9	14.1
Administrators and officials, public administration	23.98	4.5	40.8	23.94	4.5	41.0	—	—	—
Financial managers	55.78	31.2	41.9	55.78	31.2	41.9	—	—	—
Personnel and labor relations managers	30.83	4.8	41.3	30.83	4.8	41.3	—	—	—
Purchasing managers	26.00	10.2	43.5	26.00	10.2	43.5	—	—	—
Managers, marketing, advertising, and public relations	38.73	8.0	41.0	38.73	8.0	41.0	—	—	—
Administrators, education and related fields	28.78	12.3	40.4	28.89	12.4	40.5	—	—	—
Managers, medicine and health	27.91	4.2	40.4	27.91	4.2	40.4	—	—	—
Managers, food servicing and lodging establishments	20.82	21.2	43.0	21.08	21.6	43.5	—	—	—
Managers, properties and real estate	17.59	12.2	39.9	17.59	12.2	39.9	—	—	—
Managers, service organizations, n.e.c.	19.46	18.3	40.4	19.46	18.3	40.4	—	—	—
Managers and administrators, n.e.c.	26.73	9.5	43.2	26.73	9.5	43.2	—	—	—
Management related	19.24	6.2	39.4	19.23	6.3	40.3	—	—	—
Accountants and auditors	22.90	9.3	39.8	22.90	9.3	39.8	—	—	—
Underwriters	18.53	11.5	40.0	18.53	11.5	40.0	—	—	—
Other financial officers	15.29	21.9	40.5	15.29	21.9	40.5	—	—	—
Management analysts	22.35	5.5	40.3	22.35	5.5	40.3	—	—	—
Personnel, training, and labor relations specialists	17.25	10.7	40.1	17.25	10.7	40.1	—	—	—
Buyers, wholesale and retail trade, except farm products	23.73	6.3	42.6	23.73	6.3	42.6	—	—	—
Purchasing agents and buyers, n.e.c.	20.81	6.7	40.5	20.81	6.7	40.5	—	—	—
Construction inspectors	18.55	7.9	40.0	18.55	7.9	40.0	—	—	—
Inspectors and compliance officers, except construction	20.37	6.5	40.4	20.37	6.5	40.4	—	—	—
Management related, n.e.c.	20.19	5.1	35.8	20.14	5.2	40.2	—	—	—
Sales	11.61	4.9	30.8	13.52	6.2	40.4	6.69	2.5	19.1
Supervisors, sales	15.27	6.8	41.5	15.32	6.8	41.8	—	—	—
Insurance sales	22.98	11.5	40.2	22.98	11.5	40.2	—	—	—

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 2000—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									
Securities and financial services sales	\$18.80	17.1	38.8	\$18.80	17.1	38.8	—	—	—
Advertising and related sales	14.66	17.7	39.7	14.77	18.0	40.3	—	—	—
Sales, other business services	11.53	19.1	29.5	14.16	17.4	37.6	—	—	—
Sales engineers	21.42	10.9	40.8	21.42	10.9	40.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	23.59	24.0	40.1	23.59	24.0	40.1	—	—	—
Sales workers, motor vehicles and boats	16.46	25.8	46.4	16.46	25.8	46.4	—	—	—
Sales workers, apparel	9.46	22.3	28.2	11.46	28.5	37.5	\$6.25	6.3	20.1
Sales workers, hardware and building supplies	12.08	6.2	38.7	—	—	—	—	—	—
Sales workers, parts	11.29	9.3	38.1	12.33	6.3	41.4	—	—	—
Sales workers, other commodities	10.18	11.4	27.7	12.08	13.6	40.8	7.00	7.0	18.0
Sales counter clerks	7.42	4.7	28.8	7.95	7.9	39.9	6.68	4.6	20.8
Cashiers	7.43	2.7	25.4	8.05	3.1	39.6	6.78	3.2	18.5
Demonstrators, promoters, and models, sales ..	8.70	4.7	21.0	10.24	2.4	40.0	7.64	5.3	15.8
Sales support, n.e.c.	11.73	4.6	39.3	11.99	5.5	40.9	—	—	—
Administrative support, including clerical									
Supervisors, general office	11.65	3.0	36.6	11.91	2.8	39.4	9.14	4.3	21.9
Supervisors, financial records processing	15.65	2.8	40.3	15.65	2.8	40.3	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	16.35	10.6	41.3	16.35	10.6	41.3	—	—	—
Computer operators	15.70	7.3	39.8	15.70	7.3	39.8	—	—	—
Secretaries	14.39	5.5	40.0	14.39	5.5	40.0	—	—	—
Stenographers	12.65	5.6	38.2	12.68	5.7	39.0	11.89	6.4	23.6
Typists	11.65	5.4	35.9	11.91	6.4	39.3	—	—	—
Interviewers	11.58	5.1	38.9	11.56	5.2	39.8	—	—	—
Hotel clerks	9.52	5.4	30.3	8.75	4.6	32.0	—	—	—
Receptionists	7.39	4.1	27.2	7.69	2.5	39.1	—	—	—
Information clerks, n.e.c.	9.43	3.4	33.1	9.39	3.0	38.4	9.55	9.7	23.5
Correspondence clerks	11.95	7.9	35.1	11.89	8.4	39.9	12.35	21.8	19.7
Order clerks	13.39	5.9	40.0	13.39	5.9	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	12.51	7.4	38.4	13.01	5.6	39.9	—	—	—
Library clerks	12.24	9.3	38.6	12.26	9.3	38.8	—	—	—
File clerks	9.83	6.0	25.7	10.86	3.6	39.8	9.16	9.8	20.9
Records clerks, n.e.c.	9.11	5.2	37.1	9.00	5.8	39.6	—	—	—
Bookkeepers, accounting and auditing clerks ...	9.94	8.0	37.9	10.07	8.7	39.2	8.04	6.7	25.4
Payroll and timekeeping clerks	11.37	3.1	38.3	11.44	3.2	39.6	10.02	6.2	23.1
Billing clerks	14.91	9.5	27.0	15.24	10.3	39.9	—	—	—
Office machine operators, n.e.c.	12.28	8.4	37.2	12.42	8.2	39.1	—	—	—
Telephone operators	8.64	7.4	37.2	—	—	—	—	—	—
Mail clerks, except postal service	13.42	10.2	34.6	14.19	8.7	39.7	—	—	—
Messengers	7.70	10.6	39.3	7.67	10.8	39.8	—	—	—
Dispatchers	7.87	6.0	25.8	—	—	—	—	—	—
Production coordinators	16.83	20.2	39.0	16.96	20.4	39.9	—	—	—
Traffic, shipping and receiving clerks	15.63	3.9	40.0	15.67	3.8	40.1	—	—	—
Stock and inventory clerks	12.03	9.5	39.5	12.09	9.6	39.8	—	—	—
Weighers, measurers, checkers, and samplers ..	10.65	5.1	36.5	10.91	5.8	39.9	8.16	5.9	20.2
Material recording, scheduling, and distribution clerks, n.e.c.	13.61	25.3	21.1	—	—	—	—	—	—
Insurance adjusters, examiners, and investigators	10.49	9.6	32.1	10.83	13.3	40.0	—	—	—
Investigators and adjusters, except insurance ...	13.50	5.8	38.8	13.51	5.8	39.0	—	—	—
Eligibility clerks, social welfare	11.71	5.1	39.9	11.80	5.4	40.2	—	—	—
Bill and account collectors	13.04	8.7	39.0	13.04	8.7	39.0	—	—	—
General office clerks	12.24	5.1	39.5	12.25	5.2	40.0	—	—	—
Bank tellers	11.10	5.4	36.8	11.31	5.7	39.6	9.39	3.2	23.3
Data entry keyers	8.14	3.4	31.8	8.40	2.9	37.5	7.34	3.7	21.6
Statistical clerks	10.67	6.9	38.0	10.84	7.7	40.0	9.50	8.0	28.4
Teachers' aides	12.71	6.7	39.2	12.71	6.7	39.2	—	—	—
Administrative support, n.e.c.	9.32	4.6	29.9	9.26	6.0	34.6	9.42	5.8	24.1
	11.69	5.4	36.7	11.95	5.7	40.0	9.95	6.2	23.6

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 2000—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	\$13.32	3.0	38.3	\$13.68	3.2	40.3	\$8.24	4.4	22.5
Precision production, craft, and repair	16.78	3.5	40.0	16.80	3.5	40.2	12.50	13.9	23.0
Supervisors, mechanics and repairers	20.04	5.3	42.8	20.04	5.3	42.8	—	—	—
Automobile mechanics	15.73	6.6	40.2	15.73	6.6	40.2	—	—	—
Bus, truck, and stationary engine mechanics	12.62	7.4	40.6	12.55	7.5	40.6	—	—	—
Automobile body and related repairers	17.14	6.8	42.9	17.14	6.8	42.9	—	—	—
Aircraft mechanics, except engine	21.02	10.0	40.0	21.02	10.0	40.0	—	—	—
Heavy equipment mechanics	19.05	8.1	40.1	19.05	8.1	40.1	—	—	—
Industrial machinery repairers	16.30	2.1	39.4	16.30	2.1	39.4	—	—	—
Machinery maintenance	16.92	6.9	39.5	16.92	6.9	39.5	—	—	—
Electronic repairers, communications and industrial equipment	17.33	5.7	40.0	17.40	5.8	40.2	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.36	7.6	40.0	16.36	7.6	40.0	—	—	—
Millwrights	22.07	10.0	40.0	22.07	10.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.11	3.6	39.9	16.14	3.6	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	24.78	5.9	40.0	24.78	5.9	40.0	—	—	—
Supervisors, construction trades, n.e.c.	20.65	7.5	41.1	20.65	7.5	41.1	—	—	—
Carpenters	17.50	5.8	39.9	17.49	5.8	40.0	—	—	—
Electricians	22.05	12.2	40.0	22.05	12.2	40.0	—	—	—
Plumbers, pipefitters and steamfitters	20.57	12.6	40.0	20.57	12.6	40.0	—	—	—
Structural metal workers	18.41	9.5	40.0	18.41	9.5	40.0	—	—	—
Construction trades, n.e.c.	15.33	4.4	40.3	15.33	4.4	40.3	—	—	—
Supervisors, production	21.58	2.1	41.8	21.58	2.1	41.8	—	—	—
Tool and die makers	22.41	2.8	40.0	22.41	2.8	40.0	—	—	—
Precision assemblers, metal	14.77	14.0	40.0	14.77	14.0	40.0	—	—	—
Machinists	17.11	6.6	40.0	17.11	6.6	40.0	—	—	—
Sheet metal workers	19.98	3.5	39.9	19.98	3.5	39.9	—	—	—
Electrical and electronic equipment assemblers	9.08	9.9	39.5	9.10	10.0	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	13.22	11.6	40.0	13.22	11.6	40.0	—	—	—
Bakers	10.58	4.7	40.0	10.58	4.7	40.0	—	—	—
Inspectors, testers, and graders	16.75	13.7	40.0	16.75	13.7	40.0	—	—	—
Water and sewer treatment plant operators	13.85	15.8	40.0	13.85	15.8	40.0	—	—	—
Stationary engineers	17.07	9.2	40.0	17.07	9.2	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.58	4.6	38.8	12.80	4.5	39.9	—	—	—
Punching and stamping press operators	12.89	4.6	39.1	12.97	4.5	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.58	5.6	40.3	12.58	5.6	40.3	—	—	—
Numerical control machine operators	15.50	11.7	40.0	15.50	11.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	12.21	4.6	40.0	12.21	4.6	40.0	—	—	—
Molding and casting machine operators	11.82	6.3	39.6	11.85	6.3	39.8	—	—	—
Printing press operators	15.96	5.5	39.2	15.96	5.5	39.2	—	—	—
Laundrying and dry cleaning machine operators	7.61	7.7	25.0	8.05	8.9	39.4	7.00	7.6	16.6
Cementing and gluing machine operators	17.01	11.2	40.0	17.01	11.2	40.0	—	—	—
Packaging and filling machine operators	12.21	12.5	38.9	12.32	13.4	40.0	—	—	—
Extruding and forming machine operators	9.45	6.2	39.1	9.45	6.2	39.1	—	—	—
Mixing and blending machine operators	14.07	5.4	40.0	14.07	5.4	40.0	—	—	—
Painting and paint spraying machine operators	15.17	5.4	40.0	15.17	5.4	40.0	—	—	—
Slicing and cutting machine operators	12.17	9.1	39.9	12.17	9.1	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.11	8.4	39.7	13.15	8.4	39.9	—	—	—
Welders and cutters	12.93	6.7	40.0	12.93	6.7	40.0	—	—	—
Assemblers	12.24	6.6	37.1	12.96	5.9	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.46	7.3	40.0	13.46	7.3	40.0	—	—	—
Production inspectors, checkers and examiners	14.58	7.5	39.5	14.70	7.2	40.0	—	—	—
Production testers	14.47	8.4	40.0	14.47	8.4	40.0	—	—	—
Transportation and material moving	12.61	4.8	38.1	12.81	5.3	41.9	10.48	6.3	19.0
Supervisors, motor vehicle operators	16.96	8.3	40.0	16.96	8.3	40.0	—	—	—
Truck drivers	11.65	5.6	41.6	11.65	5.6	42.9	—	—	—
Driver-sales workers	13.64	14.3	32.5	14.73	11.8	40.3	—	—	—
Bus drivers	12.20	3.4	21.7	14.21	4.8	35.4	11.51	3.0	19.2

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 2000—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									
Taxicab drivers and chauffeurs	\$9.60	8.2	34.2	—	—	—	—	—	—
Motor transportation, n.e.c.	7.61	6.9	29.6	\$8.31	8.0	39.9	—	—	—
Supervisors, material moving equipment	20.69	2.7	41.9	20.69	2.7	41.9	—	—	—
Operating engineers	17.38	3.5	40.0	17.38	3.5	40.0	—	—	—
Excavating and loading machine operators	20.90	4.7	40.0	20.90	4.7	40.0	—	—	—
Grader, dozer, and scrapper operators	12.99	5.7	40.0	12.99	5.7	40.0	—	—	—
Industrial truck and tractor equipment operators	13.15	3.4	39.8	13.07	3.2	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.59	5.6	39.8	17.62	5.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
.....	10.13	2.9	36.0	10.64	2.6	39.7	\$7.29	3.5	23.9
Groundskeepers and gardeners, except farm ...	10.35	5.3	35.4	10.61	5.9	40.0	8.92	19.2	21.5
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	13.41	11.0	40.1	13.41	11.0	40.1	—	—	—
Helpers, mechanics and repairers	10.54	11.7	39.2	—	—	—	—	—	—
Helpers, construction trades	9.80	7.0	38.3	9.77	7.4	40.0	—	—	—
Construction laborers	13.23	10.2	39.8	13.19	10.2	39.9	—	—	—
Production helpers	10.97	4.8	38.2	11.13	4.2	39.1	—	—	—
Stock handlers and baggers	9.58	5.7	27.5	12.44	5.0	39.9	6.81	4.2	21.1
Machine feeders and offbearers	9.14	7.0	39.0	9.12	7.0	39.5	—	—	—
Freight, stock, and material handlers, n.e.c.	10.73	5.1	37.3	11.00	4.4	39.7	8.66	7.2	25.2
Vehicle washers and equipment cleaners	9.40	9.3	38.9	9.45	8.8	40.0	—	—	—
Hand packers and packagers	8.77	7.3	38.4	8.77	7.8	39.7	8.79	7.9	27.8
Laborers, except construction, n.e.c.	9.64	4.6	37.1	10.21	3.9	39.3	6.82	6.1	29.0
Service									
.....	9.29	4.5	29.1	10.38	4.6	39.1	7.07	4.0	19.2
Protective service	15.13	5.4	37.6	16.22	3.4	41.4	6.57	10.9	22.0
Supervisors, firefighters and fire prevention	18.52	9.7	49.7	18.52	9.7	49.7	—	—	—
Supervisors, police and detectives	23.81	2.4	40.0	23.81	2.4	40.0	—	—	—
Supervisors, guards	18.79	10.3	40.0	18.79	10.3	40.0	—	—	—
Firefighting	13.97	4.2	46.1	14.01	4.3	49.0	—	—	—
Police and detectives, public service	18.79	3.9	39.8	18.80	3.9	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	16.79	3.2	37.8	17.15	2.7	40.0	—	—	—
Correctional institution officers	14.38	7.7	39.2	14.43	7.6	39.9	—	—	—
Guards and police, except public service	8.89	12.4	31.3	10.98	6.9	39.5	—	—	—
Protective service, n.e.c.	8.15	9.1	19.9	—	—	—	7.79	9.9	16.3
Food service	7.06	3.3	25.1	7.86	3.6	38.0	6.34	5.2	19.3
Waiters, waitresses, and bartenders	4.85	10.8	22.5	4.28	8.9	36.5	5.21	14.3	18.1
Bartenders	8.27	13.8	25.5	6.83	12.5	37.3	—	—	—
Waiters and waitresses	3.74	8.2	22.7	3.16	5.2	36.0	4.10	9.7	18.4
Waiters/Waitresses' assistants	6.15	6.3	17.6	6.92	12.5	39.2	5.82	6.1	14.3
Other food service	8.01	2.7	26.4	9.06	3.2	38.6	6.95	3.6	20.0
Supervisors, food preparation and service	10.06	8.5	36.6	10.39	8.1	41.7	—	—	—
Cooks	8.57	5.8	28.6	9.46	4.1	38.1	7.37	8.2	21.4
Kitchen workers, food preparation	7.98	4.3	25.7	8.34	4.1	39.3	7.82	5.6	22.2
Food preparation, n.e.c.	6.97	2.9	22.7	7.92	3.6	36.9	6.42	2.4	18.5
Health service	9.82	9.2	29.7	10.04	10.7	39.4	9.18	4.2	17.1
Health aides, except nursing	9.41	4.8	27.3	9.94	5.2	39.3	8.16	7.6	16.0
Nursing aides, orderlies and attendants	8.79	3.3	31.9	8.75	4.3	39.3	8.89	1.5	21.1
Cleaning and building service	9.76	8.9	32.7	10.29	8.3	39.0	7.27	4.5	18.7
Supervisors, cleaning and building service workers	14.07	14.3	38.3	14.10	14.2	38.5	—	—	—
Maids and housemen	7.24	3.2	29.4	7.40	3.0	37.8	—	—	—
Janitors and cleaners	9.70	3.6	32.9	10.24	2.9	39.5	7.49	5.5	19.5
Personal service	9.21	3.4	30.5	9.80	4.5	38.5	7.98	4.1	21.4
Supervisors, personal service	13.63	11.5	34.4	14.46	8.6	40.6	—	—	—
Attendants, amusement, and recreation facilities	7.69	5.2	33.5	8.18	6.6	39.6	6.79	5.8	26.2

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 2000—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									
Welfare service aides	\$8.59	8.4	28.2	\$8.49	11.6	39.9	\$8.78	5.5	17.8
Early childhood teachers' assistants	8.27	5.3	28.1	8.86	6.8	39.0	7.83	5.4	23.2
Child care workers, n.e.c.	10.38	11.2	29.4	11.23	10.1	40.0	7.57	3.8	15.7
Service, n.e.c.	8.69	2.5	34.4	8.92	3.0	39.9	7.29	6.8	18.7

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

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

³ In this census division, collection was conducted between October 1999 and April

2001. The average reference period was August 2000.

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 2000

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.22	3.3	35.0	\$15.22	3.6	40.1	\$8.14	1.9	19.7
All, excluding sales	14.57	3.5	35.6	15.40	3.7	40.0	8.58	2.6	19.9
White collar	16.92	5.0	35.3	18.03	5.4	40.2	9.35	3.4	19.4
White collar, excluding sales	18.70	5.7	37.2	19.21	5.9	40.1	12.59	4.5	19.7
Professional specialty and technical	20.98	3.0	35.4	21.48	3.1	39.7	16.64	5.7	18.1
Professional specialty	21.94	3.4	36.6	22.27	3.7	40.2	18.50	8.2	19.0
Engineers, architects, and surveyors	26.39	9.5	40.2	26.39	9.5	40.4	—	—	—
Civil engineers	34.06	4.8	39.1	34.07	4.8	40.2	—	—	—
Electrical and electronic engineers	29.36	2.6	40.9	29.36	2.6	40.9	—	—	—
Industrial engineers	26.19	3.3	41.1	26.19	3.3	41.1	—	—	—
Mechanical engineers	28.39	4.2	40.1	28.39	4.2	40.1	—	—	—
Engineers, n.e.c.	23.12	16.7	40.2	23.12	16.7	40.2	—	—	—
Mathematical and computer scientists	27.20	3.0	40.6	27.20	3.0	40.6	—	—	—
Computer systems analysts and scientists	27.84	3.7	40.7	27.84	3.7	40.7	—	—	—
Operations and systems researchers and analysts	20.44	6.6	40.0	20.44	6.6	40.0	—	—	—
Natural scientists	21.64	7.9	40.6	21.64	7.9	40.6	—	—	—
Chemists, except biochemists	18.50	13.8	40.6	18.50	13.8	40.6	—	—	—
Health related	21.60	3.3	33.2	21.31	4.1	39.4	22.84	4.0	19.9
Physicians	48.27	18.5	42.3	47.91	19.3	44.7	—	—	—
Registered nurses	19.48	2.3	32.8	18.95	2.4	39.0	21.60	1.9	20.2
Pharmacists	31.07	5.2	29.3	31.78	7.9	40.3	—	—	—
Respiratory therapists	18.15	9.2	39.3	18.15	9.2	39.3	—	—	—
Occupational therapists	22.27	6.7	31.3	—	—	—	—	—	—
Physical therapists	23.91	3.5	33.7	23.64	3.3	40.0	—	—	—
Therapists, n.e.c.	16.00	6.9	40.0	16.00	6.9	40.0	—	—	—
Physicians' assistants	28.34	11.2	40.0	28.34	11.2	40.0	—	—	—
Teachers, college and university	26.58	6.7	22.8	26.76	5.0	38.5	25.79	20.5	8.1
Health specialties teachers	23.86	2.0	39.2	—	—	—	—	—	—
Business, commerce, and marketing teachers ..	31.96	24.1	12.4	—	—	—	—	—	—
Art, drama, and music teachers	25.97	15.1	29.4	25.22	16.6	37.9	—	—	—
Other post-secondary teachers	—	—	—	25.49	7.6	38.7	—	—	—
Teachers, except college and university	13.41	8.4	30.3	14.52	7.8	39.4	10.62	11.8	19.3
Prekindergarten and kindergarten	—	—	—	10.08	6.1	39.1	—	—	—
Elementary school teachers	21.49	8.5	38.7	21.39	8.5	39.3	—	—	—
Secondary school teachers	20.95	7.2	34.9	21.04	7.9	38.9	20.28	9.8	19.4
Teachers, n.e.c.	15.01	12.8	28.7	16.09	11.3	39.6	12.73	25.1	18.1
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—
Social scientists and urban planners	23.58	3.0	40.0	23.89	2.4	40.8	—	—	—
Economists	24.16	5.3	40.0	24.16	5.3	40.0	—	—	—
Social, recreation, and religious workers	14.49	3.7	39.6	14.48	3.7	39.9	—	—	—
Social workers	14.43	3.8	39.6	14.42	3.8	39.9	—	—	—
Lawyers and judges	33.58	12.1	50.1	33.39	12.3	52.3	—	—	—
Lawyers	33.58	12.1	50.1	33.39	12.3	52.3	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	17.03	12.9	34.1	18.32	10.7	40.1	9.90	16.0	18.7
Designers	—	—	—	12.27	17.7	39.9	—	—	—
Painters, sculptors, craft artists, and artist printmakers	17.29	6.5	39.9	17.29	6.5	39.9	—	—	—
Editors and reporters	20.06	7.9	39.4	20.29	7.8	40.5	—	—	—
Public relations specialists	18.18	14.7	37.3	18.00	15.4	40.1	—	—	—
Technical	18.93	7.3	33.0	19.69	7.4	38.8	14.14	8.8	17.1
Clinical laboratory technologists and technicians	16.18	5.1	36.6	15.91	5.3	39.8	18.43	8.8	22.0
Radiological technicians	18.16	6.0	36.5	18.28	6.4	39.7	17.00	6.2	20.2
Licensed practical nurses	12.36	3.6	32.4	12.44	3.9	39.5	12.19	3.9	23.3
Health technologists and technicians, n.e.c.	11.91	5.6	34.6	11.95	6.2	39.6	11.78	9.5	23.9
Electrical and electronic technicians	18.74	6.4	40.2	18.74	6.4	40.2	—	—	—
Engineering technicians, n.e.c.	19.90	2.2	39.6	20.02	2.2	40.0	—	—	—
Drafters	16.62	4.1	39.2	16.79	4.7	40.0	—	—	—
Chemical technicians	17.47	8.4	40.0	17.47	8.4	40.0	—	—	—
Science technicians, n.e.c.	15.14	8.6	38.7	15.11	8.8	40.0	—	—	—
Airplane pilots and navigators	93.61	23.3	18.8	93.61	23.3	18.8	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 2000—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									
Computer programmers	\$22.23	3.7	40.2	\$22.52	3.4	40.7	—	—	—
Legal assistants	18.18	14.8	39.5	18.18	14.8	39.5	—	—	—
Technical and related, n.e.c.	17.96	13.6	32.3	18.40	16.4	39.5	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	32.23	17.4	42.6	32.24	17.4	42.6	—	—	—
Financial managers	55.60	35.5	42.1	55.60	35.5	42.1	—	—	—
Personnel and labor relations managers	29.62	7.2	41.5	29.62	7.2	41.5	—	—	—
Purchasing managers	26.23	10.4	43.6	26.23	10.4	43.6	—	—	—
Managers, marketing, advertising, and public relations	38.73	8.0	41.0	38.73	8.0	41.0	—	—	—
Administrators, education and related fields	24.92	9.2	40.0	25.40	9.1	40.6	—	—	—
Managers, medicine and health	28.15	3.9	40.4	28.15	3.9	40.4	—	—	—
Managers, food servicing and lodging establishments	21.08	21.6	43.5	21.08	21.6	43.5	—	—	—
Managers, properties and real estate	15.66	8.7	39.9	15.66	8.7	39.9	—	—	—
Managers, service organizations, n.e.c.	19.21	21.0	40.4	19.21	21.0	40.4	—	—	—
Managers and administrators, n.e.c.	26.80	9.6	43.3	26.80	9.6	43.3	—	—	—
Management related	19.14	7.4	39.4	19.12	7.5	40.3	—	—	—
Accountants and auditors	23.30	9.9	39.8	23.30	9.9	39.8	—	—	—
Underwriters	18.53	11.5	40.0	18.53	11.5	40.0	—	—	—
Other financial officers	14.61	23.3	40.5	14.61	23.3	40.5	—	—	—
Management analysts	22.65	5.3	40.4	22.65	5.3	40.4	—	—	—
Personnel, training, and labor relations specialists	16.84	11.0	40.1	16.84	11.0	40.1	—	—	—
Buyers, wholesale and retail trade, except farm products	23.73	6.3	42.6	23.73	6.3	42.6	—	—	—
Purchasing agents and buyers, n.e.c.	19.62	10.0	40.6	19.62	10.0	40.6	—	—	—
Management related, n.e.c.	21.75	3.0	34.9	21.66	3.0	40.4	—	—	—
Sales									
Supervisors, sales	15.27	6.8	41.5	15.32	6.8	41.8	—	—	—
Insurance sales	22.98	11.5	40.2	22.98	11.5	40.2	—	—	—
Securities and financial services sales	18.80	17.1	38.8	18.80	17.1	38.8	—	—	—
Advertising and related sales	14.66	17.7	39.7	14.77	18.0	40.3	—	—	—
Sales, other business services	11.53	19.1	29.5	14.16	17.4	37.6	—	—	—
Sales engineers	21.42	10.9	40.8	21.42	10.9	40.8	—	—	—
Sales representatives, mining, manufacturing, and wholesale	23.59	24.0	40.1	23.59	24.0	40.1	—	—	—
Sales workers, motor vehicles and boats	16.46	25.8	46.4	16.46	25.8	46.4	—	—	—
Sales workers, apparel	9.46	22.3	28.2	11.46	28.5	37.5	6.25	6.3	20.1
Sales workers, hardware and building supplies	12.08	6.2	38.7	—	—	—	—	—	—
Sales workers, parts	11.29	9.3	38.1	12.33	6.3	41.4	—	—	—
Sales workers, other commodities	10.18	11.4	27.7	12.08	13.6	40.8	7.00	7.0	18.1
Sales counter clerks	7.42	4.7	28.8	7.95	7.9	39.9	6.68	4.6	20.8
Cashiers	7.42	2.8	25.4	8.04	3.1	39.6	6.77	3.2	18.5
Demonstrators, promoters, and models, sales ..	8.70	4.7	21.0	10.24	2.4	40.0	7.64	5.3	15.8
Sales support, n.e.c.	11.73	4.6	39.3	11.99	5.5	40.9	—	—	—
Administrative support, including clerical									
Supervisors, general office	15.77	3.6	40.4	15.77	3.6	40.4	—	—	—
Supervisors, financial records processing	16.22	11.3	41.4	16.22	11.3	41.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.20	8.0	39.7	18.20	8.0	39.7	—	—	—
Computer operators	14.56	5.6	40.0	14.56	5.6	40.0	—	—	—
Secretaries	11.68	5.5	37.7	11.65	5.6	38.5	12.56	6.4	24.3
Stenographers	11.65	5.4	35.9	11.91	6.4	39.3	—	—	—
Typists	10.25	7.4	35.9	10.02	7.6	39.9	—	—	—
Interviewers	9.51	5.8	29.9	—	—	—	—	—	—
Hotel clerks	7.39	4.1	27.2	7.69	2.5	39.1	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 2000—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	\$9.39	3.5	33.1	\$9.33	3.0	38.3	\$9.56	9.7	23.8
Information clerks, n.e.c.	12.27	6.3	35.7	12.70	5.9	39.9	8.88	4.9	19.5
Correspondence clerks	13.33	6.2	40.0	13.33	6.2	40.0	—	—	—
Order clerks	12.51	7.4	38.4	13.01	5.6	39.9	—	—	—
Personnel clerks, except payroll and timekeeping	12.23	9.4	38.6	12.26	9.4	38.8	—	—	—
File clerks	9.11	5.2	37.1	9.00	5.8	39.6	—	—	—
Records clerks, n.e.c.	9.81	8.6	37.7	9.94	9.3	39.1	7.91	7.2	25.2
Bookkeepers, accounting and auditing clerks ...	11.07	3.5	38.1	11.14	3.6	39.6	9.76	6.1	22.6
Payroll and timekeeping clerks	14.65	11.5	25.5	15.03	12.4	39.9	—	—	—
Billing clerks	12.09	9.2	36.7	12.25	9.1	38.9	—	—	—
Office machine operators, n.e.c.	8.64	7.4	37.2	—	—	—	—	—	—
Telephone operators	13.44	10.2	34.6	14.19	8.7	39.7	—	—	—
Mail clerks, except postal service	7.60	11.1	39.2	7.57	11.3	39.8	—	—	—
Messengers	7.80	6.3	25.3	—	—	—	—	—	—
Dispatchers	21.63	25.5	37.9	22.19	24.8	39.7	—	—	—
Production coordinators	15.63	3.9	40.0	15.67	3.8	40.1	—	—	—
Traffic, shipping and receiving clerks	12.04	9.5	39.5	12.10	9.6	39.8	—	—	—
Stock and inventory clerks	10.54	5.5	36.5	10.80	6.2	40.0	8.11	6.0	20.2
Weighers, measurers, checkers, and samplers	14.23	25.3	29.2	—	—	—	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	10.46	9.7	32.1	10.81	13.5	40.0	—	—	—
Insurance adjusters, examiners, and investigators	13.53	5.8	38.8	13.54	5.9	39.0	—	—	—
Investigators and adjusters, except insurance ...	11.70	5.1	39.9	11.79	5.4	40.2	—	—	—
Bill and account collectors	11.92	4.8	39.4	11.91	4.9	40.0	—	—	—
General office clerks	10.29	3.4	36.4	10.43	3.9	39.4	9.20	4.8	22.9
Bank tellers	8.14	3.4	31.8	8.40	2.9	37.5	7.34	3.7	21.6
Data entry keyers	11.02	6.0	37.6	11.31	6.6	40.0	9.50	8.0	28.4
Statistical clerks	12.71	6.7	39.2	12.71	6.7	39.2	—	—	—
Teachers' aides	9.58	4.8	38.0	—	—	—	—	—	—
Administrative support, n.e.c.	11.69	5.9	37.0	11.95	6.1	40.0	9.90	6.8	24.5
Blue collar	13.24	3.1	38.4	13.61	3.3	40.3	8.04	4.5	22.6
Precision production, craft, and repair	16.78	3.8	40.0	16.80	3.8	40.2	12.47	14.5	22.8
Supervisors, mechanics and repairers	20.01	5.7	43.0	20.01	5.7	43.0	—	—	—
Automobile mechanics	15.71	6.7	40.2	15.71	6.7	40.2	—	—	—
Bus, truck, and stationary engine mechanics	12.28	7.9	40.7	12.21	8.0	40.7	—	—	—
Automobile body and related repairers	17.14	6.8	42.9	17.14	6.8	42.9	—	—	—
Aircraft mechanics, except engine	21.02	10.0	40.0	21.02	10.0	40.0	—	—	—
Heavy equipment mechanics	19.36	13.8	40.2	19.36	13.8	40.2	—	—	—
Industrial machinery repairers	16.28	2.2	39.4	16.28	2.2	39.4	—	—	—
Machinery maintenance	16.92	6.9	39.5	16.92	6.9	39.5	—	—	—
Electronic repairers, communications and industrial equipment	18.19	6.2	40.3	18.19	6.2	40.3	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.39	7.7	40.0	16.39	7.7	40.0	—	—	—
Millwrights	22.07	10.0	40.0	22.07	10.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.16	3.8	39.9	16.19	3.8	40.0	—	—	—
Supervisors, construction trades, n.e.c.	23.16	9.3	42.7	23.16	9.3	42.7	—	—	—
Carpenters	17.50	6.0	39.9	17.49	6.1	40.0	—	—	—
Electricians	23.54	11.7	40.0	23.54	11.7	40.0	—	—	—
Plumbers, pipefitters and steamfitters	20.64	12.9	40.0	20.64	12.9	40.0	—	—	—
Structural metal workers	18.41	9.5	40.0	18.41	9.5	40.0	—	—	—
Supervisors, production	22.21	4.5	42.0	22.21	4.5	42.0	—	—	—
Tool and die makers	22.41	2.8	40.0	22.41	2.8	40.0	—	—	—
Precision assemblers, metal	14.77	14.0	40.0	14.77	14.0	40.0	—	—	—
Machinists	17.08	6.6	40.0	17.08	6.6	40.0	—	—	—
Sheet metal workers	19.98	3.5	39.9	19.98	3.5	39.9	—	—	—

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 2000—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									
Electrical and electronic equipment assemblers	\$9.08	9.9	39.5	\$9.10	10.0	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	13.22	11.6	40.0	13.22	11.6	40.0	—	—	—
Bakers	10.58	4.7	40.0	10.58	4.7	40.0	—	—	—
Inspectors, testers, and graders	16.75	13.7	40.0	16.75	13.7	40.0	—	—	—
Stationary engineers	19.07	6.8	40.0	19.07	6.8	40.0	—	—	—
Machine operators, assemblers, and inspectors	12.58	4.6	38.8	12.80	4.5	39.9	—	—	—
Punching and stamping press operators	12.89	4.6	39.1	12.97	4.5	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.58	5.6	40.3	12.58	5.6	40.3	—	—	—
Numerical control machine operators	15.50	11.7	40.0	15.50	11.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	12.21	4.6	40.0	12.21	4.6	40.0	—	—	—
Molding and casting machine operators	11.82	6.3	39.6	11.85	6.3	39.8	—	—	—
Printing press operators	15.96	5.5	39.2	15.96	5.5	39.2	—	—	—
Laundering and dry cleaning machine operators	7.61	7.7	25.0	8.05	8.9	39.4	\$7.00	7.6	16.6
Cementing and gluing machine operators	17.01	11.2	40.0	17.01	11.2	40.0	—	—	—
Packaging and filling machine operators	12.21	12.5	38.9	12.32	13.4	40.0	—	—	—
Extruding and forming machine operators	9.45	6.2	39.1	9.45	6.2	39.1	—	—	—
Mixing and blending machine operators	14.07	5.4	40.0	14.07	5.4	40.0	—	—	—
Painting and paint spraying machine operators	15.17	5.4	40.0	15.17	5.4	40.0	—	—	—
Slicing and cutting machine operators	12.17	9.1	39.9	12.17	9.1	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.11	8.4	39.7	13.15	8.4	39.9	—	—	—
Welders and cutters	12.93	6.7	40.0	12.93	6.7	40.0	—	—	—
Assemblers	12.24	6.6	37.1	12.96	5.9	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.46	7.3	40.0	13.46	7.3	40.0	—	—	—
Production inspectors, checkers and examiners	14.58	7.5	39.5	14.70	7.2	40.0	—	—	—
Production testers	14.47	8.4	40.0	14.47	8.4	40.0	—	—	—
Transportation and material moving	12.55	5.2	38.6	12.75	5.5	42.1	10.05	7.7	18.8
Truck drivers	11.63	5.7	41.6	11.63	5.7	42.9	—	—	—
Driver-sales workers	13.64	14.3	32.5	14.73	11.8	40.3	—	—	—
Bus drivers	11.08	3.0	19.7	—	—	—	11.03	2.8	18.9
Taxicab drivers and chauffeurs	10.16	5.2	34.9	—	—	—	—	—	—
Motor transportation, n.e.c.	7.61	6.9	29.6	8.31	8.0	39.9	—	—	—
Supervisors, material moving equipment	20.69	2.7	41.9	20.69	2.7	41.9	—	—	—
Industrial truck and tractor equipment operators	13.15	3.4	39.8	13.07	3.2	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	18.24	5.1	39.8	18.27	5.2	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	10.01	2.9	36.0	10.52	2.6	39.7	7.27	3.7	24.0
Groundskeepers and gardeners, except farm ...	8.86	8.0	33.8	9.20	8.8	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	12.64	9.1	40.1	12.64	9.1	40.1	—	—	—
Helpers, mechanics and repairers	10.54	11.7	39.2	—	—	—	—	—	—
Helpers, construction trades	9.80	7.0	38.3	9.77	7.4	40.0	—	—	—
Construction laborers	13.25	11.4	39.7	13.21	11.4	39.9	—	—	—
Production helpers	10.97	4.8	38.2	11.13	4.2	39.1	—	—	—
Stock handlers and baggers	9.58	5.7	27.5	12.45	5.0	39.9	6.81	4.3	21.2
Machine feeders and offbearers	9.14	7.0	39.0	9.12	7.0	39.5	—	—	—
Freight, stock, and material handlers, n.e.c.	10.73	5.1	37.3	11.00	4.4	39.7	8.66	7.2	25.2
Vehicle washers and equipment cleaners	9.40	9.3	38.9	9.45	8.8	40.0	—	—	—
Hand packers and packagers	8.77	7.3	38.4	8.77	7.8	39.7	8.79	7.9	27.8
Laborers, except construction, n.e.c.	9.56	4.7	37.3	10.10	4.0	39.3	6.84	6.4	29.7
Service	8.26	4.0	27.7	9.09	4.4	38.6	6.89	4.1	18.9
Protective service	8.95	12.8	30.6	11.34	7.8	39.5	—	—	—
Guards and police, except public service	8.50	12.7	30.7	10.63	7.6	39.5	—	—	—
Food service	6.98	3.4	25.1	7.83	3.7	38.1	6.22	5.1	19.3
Waiters, waitresses, and bartenders	4.85	10.8	22.5	4.28	8.9	36.5	5.21	14.3	18.1

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ 2000—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									
Food service—Continued									
Waiters, waitresses, and bartenders—Continued									
Bartenders	\$8.27	13.8	25.5	\$6.83	12.5	37.3	—	—	—
Waiters and waitresses	3.74	8.2	22.7	3.16	5.2	36.0	\$4.10	9.7	18.4
Waiters/Waitresses' assistants	6.15	6.3	17.6	6.92	12.5	39.2	5.82	6.1	14.2
Other food service	7.96	2.9	26.5	9.08	3.4	38.7	6.81	3.6	20.0
Supervisors, food preparation and service	10.03	8.6	36.7	10.36	8.3	41.9	—	—	—
Cooks	8.58	6.0	28.5	9.52	4.3	38.2	7.34	8.3	21.5
Kitchen workers, food preparation	7.57	3.9	26.9	8.22	4.2	39.4	7.20	4.8	22.9
Food preparation, n.e.c.	6.87	2.9	22.5	7.89	3.8	36.9	6.30	2.2	18.5
Health service	9.83	10.6	28.8	10.07	12.4	39.3	9.15	4.7	16.4
Health aides, except nursing	9.18	4.6	26.6	9.70	4.9	39.2	8.09	7.6	15.9
Nursing aides, orderlies and attendants	8.61	3.4	31.2	8.52	4.3	39.2	8.82	1.6	20.6
Cleaning and building service	8.77	5.9	30.8	9.24	5.9	38.6	7.23	4.5	18.6
Supervisors, cleaning and building service workers	11.61	10.7	37.8	11.63	10.6	38.0	—	—	—
Maids and housemen	7.24	3.2	29.3	7.39	3.1	37.8	—	—	—
Janitors and cleaners	8.94	3.5	30.4	9.54	3.4	39.2	7.45	5.7	19.4
Personal service	9.03	3.5	30.5	9.61	4.5	38.5	7.62	5.2	20.2
Supervisors, personal service	13.63	11.5	34.4	14.46	8.6	40.6	—	—	—
Attendants, amusement, and recreation facilities	7.69	5.2	33.5	8.18	6.6	39.6	6.79	5.8	26.2
Welfare service aides	7.85	7.7	28.8	7.71	8.6	39.9	8.20	5.5	17.0
Early childhood teachers' assistants	7.88	6.4	27.8	8.71	8.5	39.9	—	—	—
Child care workers, n.e.c.	8.54	5.9	25.6	9.22	5.7	39.9	7.03	2.4	14.2
Service, n.e.c.	8.67	2.6	34.3	—	—	—	7.28	7.0	18.5

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

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

³ In this census division, collection was conducted between October 1999 and April

2001. The average reference period was August 2000.

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 2000

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$19.19	2.8	37.2	\$19.71	2.4	39.5	\$12.27	6.0	21.1
All, excluding sales	19.19	2.8	37.2	19.71	2.4	39.5	12.30	6.0	21.2
White collar	21.54	2.5	37.4	21.89	2.3	39.1	14.94	8.6	20.6
White collar, excluding sales	21.55	2.5	37.5	21.89	2.3	39.1	15.05	8.7	20.7
Professional specialty and technical	24.51	1.8	37.2	24.72	1.9	38.7	19.79	6.6	19.8
Professional specialty	25.64	1.6	37.1	25.84	1.6	38.6	20.82	7.6	19.1
Engineers, architects, and surveyors	24.79	6.1	40.0	24.79	6.1	40.0	—	—	—
Mathematical and computer scientists	23.05	2.1	40.0	23.05	2.1	40.0	—	—	—
Computer systems analysts and scientists	23.03	2.2	40.0	23.03	2.2	40.0	—	—	—
Natural scientists	19.01	.9	40.0	19.01	.9	40.0	—	—	—
Health related	20.88	5.3	37.4	20.50	5.7	39.7	24.05	7.6	25.1
Registered nurses	20.68	2.8	37.2	20.45	3.3	39.9	22.19	4.2	25.9
Teachers, college and university	36.00	11.1	38.7	36.40	10.6	39.9	20.42	21.3	17.7
Health specialties teachers	30.14	9.4	40.0	30.15	9.4	40.5	—	—	—
Art, drama, and music teachers	39.95	13.1	39.5	—	—	—	—	—	—
English teachers	25.93	10.2	36.8	—	—	—	—	—	—
Trade and industrial teachers	30.15	2.1	37.3	30.15	2.1	37.3	—	—	—
Other post-secondary teachers	25.36	8.4	34.2	25.26	9.3	38.7	26.18	10.1	18.0
Teachers, except college and university	26.45	2.5	35.2	26.69	2.5	37.0	19.42	17.4	14.6
Prekindergarten and kindergarten	25.72	10.0	33.8	26.28	10.8	36.2	—	—	—
Elementary school teachers	27.54	3.6	36.1	27.55	3.6	36.4	—	—	—
Secondary school teachers	26.90	2.9	36.5	26.76	3.0	37.4	—	—	—
Teachers, special education	27.19	6.4	37.0	27.32	6.6	37.7	—	—	—
Teachers, n.e.c.	23.51	6.4	33.2	24.25	6.5	37.5	14.96	18.5	14.3
Substitute teachers	9.51	8.0	10.3	—	—	—	9.51	8.0	10.3
Vocational and educational counselors	23.53	5.8	39.7	23.53	5.8	39.7	—	—	—
Librarians, archivists, and curators	26.20	7.7	36.9	26.31	7.7	37.5	—	—	—
Librarians	26.20	7.7	36.9	26.31	7.7	37.5	—	—	—
Social scientists and urban planners	24.06	8.5	39.7	24.06	8.5	39.7	—	—	—
Psychologists	25.28	9.3	39.7	25.28	9.3	39.7	—	—	—
Social, recreation, and religious workers	17.69	5.4	37.8	18.02	5.5	39.9	—	—	—
Social workers	17.69	5.5	38.0	18.02	5.5	39.9	—	—	—
Lawyers and judges	28.74	13.2	37.7	28.95	13.6	40.0	—	—	—
Lawyers	26.29	6.5	37.5	26.42	6.4	40.0	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.66	5.1	38.8	22.08	4.5	40.0	—	—	—
Technical	14.41	7.9	38.0	14.37	8.4	40.0	14.90	7.8	23.3
Licensed practical nurses	13.34	4.5	37.9	12.84	3.8	39.8	—	—	—
Health technologists and technicians, n.e.c.	14.00	9.2	34.6	14.26	11.6	40.8	13.07	7.5	22.4
Engineering technicians, n.e.c.	17.70	5.3	40.0	17.70	5.3	40.0	—	—	—
Technical and related, n.e.c.	15.18	4.4	33.0	15.88	1.7	40.0	—	—	—
Executive, administrative, and managerial	27.61	9.1	39.8	27.71	9.3	40.5	16.50	13.2	14.3
Executives, administrators, and managers	30.55	8.6	40.0	30.65	8.8	40.7	15.48	21.6	11.8
Administrators and officials, public administration	24.02	4.6	40.8	23.97	4.6	41.0	—	—	—
Administrators, education and related fields	29.44	14.2	40.5	29.47	14.3	40.5	—	—	—
Managers, service organizations, n.e.c.	20.99	9.2	40.0	20.99	9.2	40.0	—	—	—
Managers and administrators, n.e.c.	25.56	15.9	41.9	25.56	15.9	41.9	—	—	—
Management related	19.68	7.1	39.4	19.71	7.2	39.9	—	—	—
Accountants and auditors	19.70	6.1	39.6	19.70	6.1	39.6	—	—	—
Management analysts	21.64	13.0	40.0	21.64	13.0	40.0	—	—	—
Personnel, training, and labor relations specialists	21.09	6.4	39.8	21.13	6.4	39.8	—	—	—
Construction inspectors	18.55	7.9	40.0	18.55	7.9	40.0	—	—	—
Inspectors and compliance officers, except construction	20.15	8.0	39.9	20.15	8.0	39.9	—	—	—
Management related, n.e.c.	16.53	12.2	38.3	16.46	12.7	39.9	—	—	—
Sales	9.35	8.9	17.6	—	—	—	—	—	—
Cashiers	9.93	8.6	18.1	—	—	—	—	—	—
Administrative support, including clerical	12.84	7.1	37.1	13.10	6.8	39.4	9.95	5.5	22.4

See footnotes at end of table.

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ 2000—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									
Supervisors, general office	\$15.41	3.6	40.0	\$15.41	3.6	40.0	—	—	—
Secretaries	14.12	9.4	39.1	14.21	9.4	39.8	\$10.34	5.6	22.2
Typists	11.96	4.8	39.8	11.96	4.8	39.8	—	—	—
Receptionists	10.59	5.0	33.6	10.71	5.1	40.0	—	—	—
Library clerks	9.80	6.8	24.5	11.22	4.0	39.7	9.16	9.8	20.9
Records clerks, n.e.c.	11.55	4.9	39.3	11.61	5.1	39.8	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.64	5.3	39.5	13.67	5.5	39.9	—	—	—
Dispatchers	12.38	4.3	40.1	12.38	4.3	40.1	—	—	—
Stock and inventory clerks	13.84	10.9	36.8	—	—	—	—	—	—
Eligibility clerks, social welfare	14.38	4.7	40.0	14.38	4.7	40.0	—	—	—
General office clerks	12.61	5.6	37.5	12.91	4.8	39.9	9.82	3.9	24.2
Teachers' aides	9.31	4.6	29.7	9.25	6.2	34.4	9.41	5.8	24.1
Administrative support, n.e.c.	11.75	5.3	33.8	11.95	6.2	39.7	—	—	—
Blue collar	14.92	1.7	36.8	15.23	1.6	39.8	11.51	7.0	20.4
Precision production, craft, and repair	16.82	3.2	40.0	16.83	3.2	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.37	6.8	40.0	15.37	6.8	40.0	—	—	—
Supervisors, construction trades, n.e.c.	18.93	4.5	40.0	18.93	4.5	40.0	—	—	—
Electricians	16.24	6.9	40.0	16.24	6.9	40.0	—	—	—
Construction trades, n.e.c.	13.84	7.2	40.0	13.84	7.2	40.0	—	—	—
Water and sewer treatment plant operators	18.20	3.7	40.0	18.20	3.7	40.0	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—	—	—	—
Transportation and material moving	13.42	4.0	32.9	13.67	4.6	39.2	12.43	7.2	20.1
Truck drivers	12.80	9.5	40.0	12.80	9.5	40.0	—	—	—
Bus drivers	13.77	3.7	25.3	15.00	2.4	36.6	12.67	6.0	19.8
Operating engineers	14.25	7.4	40.0	14.25	7.4	40.0	—	—	—
Grader, dozer, and scraper operators	11.80	3.6	40.0	11.80	3.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	13.01	5.8	37.0	13.47	5.3	40.0	8.28	20.0	21.0
Groundskeepers and gardeners, except farm ...	12.93	9.5	38.6	12.84	10.6	40.0	—	—	—
Construction laborers	12.99	9.6	40.0	12.99	9.6	40.0	—	—	—
Laborers, except construction, n.e.c.	11.61	8.1	33.3	12.86	4.0	40.0	—	—	—
Service	13.31	3.2	36.5	13.96	2.8	40.4	9.05	4.2	22.1
Protective service	16.86	4.3	40.2	16.98	4.1	41.7	10.21	7.3	13.7
Supervisors, police and detectives	23.81	2.4	40.0	23.81	2.4	40.0	—	—	—
Firefighting	13.97	4.2	46.1	14.01	4.3	49.0	—	—	—
Police and detectives, public service	18.72	3.9	39.8	18.73	3.9	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	16.79	3.2	37.8	17.15	2.7	40.0	—	—	—
Correctional institution officers	14.38	7.7	39.2	14.43	7.6	39.9	—	—	—
Guards and police, except public service	12.99	13.6	39.6	12.99	13.6	39.6	—	—	—
Food service	8.74	5.1	24.7	8.62	4.7	36.9	8.84	6.6	19.4
Other food service	8.76	5.1	24.8	8.62	4.7	36.9	8.89	6.6	19.5
Cooks	8.43	2.8	31.3	8.39	2.9	37.3	8.58	5.3	19.4
Kitchen workers, food preparation	10.42	2.8	20.1	—	—	—	—	—	—
Food preparation, n.e.c.	8.09	7.1	24.6	—	—	—	7.97	8.6	19.2
Health service	9.75	2.6	36.2	9.82	3.2	39.7	9.43	2.7	25.8
Nursing aides, orderlies and attendants	9.63	3.0	36.0	9.68	3.8	39.7	9.38	2.5	25.8
Cleaning and building service	12.50	6.2	39.2	12.59	5.8	39.9	8.38	10.5	21.9
Supervisors, cleaning and building service workers	19.73	4.3	39.7	19.73	4.3	39.7	—	—	—
Janitors and cleaners	11.13	2.9	39.1	11.20	2.8	40.0	8.38	10.5	21.9
Personal service	10.04	7.7	30.5	11.19	9.3	38.6	8.97	7.2	25.5

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 2000—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service—Continued									
Early childhood teachers' assistants	\$9.02	6.7	28.7	\$9.36	9.4	36.1	\$8.89	8.5	26.7
Child care workers, n.e.c.	12.63	4.6	35.8	—	—	—	9.04	8.0	21.8

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, collection was conducted between October 1999 and April

2001. The average reference period was August 2000.

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 2000

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$14.99	3.3	35.3	\$14.22	3.3	35.0	\$19.19	2.8	37.2
All, excluding sales	15.36	3.4	35.9	14.57	3.5	35.6	19.19	2.8	37.2
White collar	17.91	4.1	35.8	16.92	5.0	35.3	21.54	2.5	37.4
1	6.97	2.6	25.8	6.90	2.7	25.7	8.18	4.9	26.6
2	7.83	3.1	28.6	7.62	3.0	28.2	9.75	5.9	32.7
3	8.86	2.5	31.4	8.76	2.6	31.3	10.62	4.9	33.0
4	10.99	2.0	36.6	10.88	2.3	36.5	11.69	2.7	37.1
5	13.18	2.4	37.9	12.92	2.0	37.8	14.07	3.5	38.2
6	15.31	2.8	38.9	15.49	2.7	39.1	14.61	6.0	38.2
7	18.66	2.2	38.6	17.65	3.4	39.5	21.11	3.2	36.6
8	20.83	3.7	38.0	18.75	5.8	38.5	23.92	2.5	37.4
9	24.65	1.9	39.4	24.46	2.6	39.8	25.02	2.1	38.6
10	33.42	19.0	32.6	34.38	20.7	31.8	25.31	3.8	41.7
11	34.58	6.2	40.5	35.43	7.5	40.6	31.37	3.7	40.3
12	37.61	3.5	40.3	38.17	3.9	40.5	34.76	5.7	39.1
13	59.61	20.3	39.9	68.72	25.1	39.6	45.72	1.3	40.4
14	59.88	7.7	42.2	61.37	7.7	42.4	-	-	-
15	52.38	2.4	39.8	-	-	-	-	-	-
Not able to be leveled	20.38	6.8	33.7	19.01	6.5	32.1	22.65	10.4	36.8
White collar, excluding sales	19.47	4.1	37.2	18.70	5.7	37.2	21.55	2.5	37.5
1	7.46	6.5	27.8	7.26	7.4	28.2	8.18	4.9	26.6
2	8.86	3.7	34.1	8.66	4.0	34.2	9.75	6.0	33.5
3	9.47	2.6	35.3	9.36	2.7	35.5	10.65	5.0	33.4
4	11.15	2.0	36.4	11.02	2.3	36.2	11.69	2.7	37.1
5	13.34	3.4	37.4	13.09	3.1	37.2	14.07	3.5	38.2
6	14.67	2.8	38.3	14.69	2.8	38.4	14.61	6.0	38.2
7	18.77	2.2	38.5	17.69	3.6	39.4	21.11	3.2	36.6
8	20.96	3.6	37.8	18.63	6.0	38.0	23.92	2.5	37.4
9	24.20	1.4	39.2	23.73	2.0	39.5	25.02	2.1	38.6
10	33.67	20.0	32.3	34.72	21.9	31.4	25.31	3.8	41.7
11	34.41	7.1	40.6	35.36	8.8	40.7	31.37	3.7	40.3
12	37.43	3.6	40.3	37.98	4.0	40.6	34.76	5.7	39.1
13	59.61	20.3	39.9	68.72	25.1	39.6	45.72	1.3	40.4
14	59.88	7.7	42.2	61.37	7.7	42.4	-	-	-
15	52.38	2.4	39.8	-	-	-	-	-	-
Not able to be leveled	20.39	6.9	33.7	19.00	6.6	32.1	22.65	10.4	36.8
Professional specialty and technical	22.32	2.0	36.1	20.98	3.0	35.4	24.51	1.8	37.2
Professional specialty	23.59	2.1	36.9	21.94	3.4	36.6	25.64	1.6	37.1
4	9.47	7.5	21.2	8.80	9.6	32.8	-	-	-
5	12.82	8.8	36.6	12.03	9.3	37.3	14.83	1.7	34.9
6	14.39	8.8	35.5	13.71	7.3	36.0	18.14	10.9	33.1
7	20.54	3.0	36.1	19.00	5.8	36.1	22.30	4.0	36.2
8	22.96	2.5	36.2	19.82	3.0	35.0	24.89	3.7	37.1
9	25.25	2.1	37.7	24.30	3.2	37.4	26.25	2.6	38.1
10	26.24	2.5	36.9	26.47	3.0	36.0	25.29	5.9	40.8
11	30.74	2.6	40.3	31.03	2.4	40.8	30.12	5.7	39.5
12	34.22	3.8	40.7	34.74	4.1	41.8	32.37	8.7	37.4
13	42.43	12.4	40.2	47.57	9.6	40.1	37.72	12.3	40.3
14	49.70	8.5	43.4	52.28	10.4	44.7	-	-	-
Not able to be leveled	18.39	4.5	32.3	15.61	5.6	30.0	23.83	14.4	38.0
Engineers, architects, and surveyors	26.23	8.5	40.2	26.39	9.5	40.2	24.79	6.1	40.0
7	22.67	2.7	40.2	23.28	2.3	40.2	-	-	-
8	25.61	3.4	40.3	25.38	3.5	40.3	-	-	-
9	25.37	4.0	40.5	26.47	3.6	40.6	21.65	3.2	40.0
10	27.04	2.4	40.2	27.04	2.4	40.2	-	-	-
11	30.86	2.7	40.3	30.98	2.8	40.3	-	-	-
12	36.99	3.2	40.1	37.10	3.6	40.2	-	-	-
13	42.34	4.3	40.0	42.34	4.3	40.0	-	-	-
Architects	31.58	3.2	40.0	-	-	-	-	-	-
Civil engineers	32.97	5.3	39.3	34.06	4.8	39.1	-	-	-
9	28.97	8.7	40.0	-	-	-	-	-	-
11	35.09	7.0	37.4	36.65	4.4	37.0	-	-	-

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
Electrical and electronic engineers	\$29.55	2.5	40.9	\$29.36	2.6	40.9	—	—	—
11	28.81	4.3	42.4	—	—	—	—	—	—
12	33.60	1.8	40.0	33.52	2.1	40.0	—	—	—
Industrial engineers	26.01	3.6	41.0	26.19	3.3	41.1	—	—	—
9	23.59	7.4	41.4	23.66	9.2	41.8	—	—	—
Mechanical engineers	28.74	3.3	40.1	28.39	4.2	40.1	—	—	—
Engineers, n.e.c.	22.98	15.0	40.1	23.12	16.7	40.2	—	—	—
7	22.47	3.1	40.2	—	—	—	—	—	—
9	24.81	2.0	40.1	25.51	3.3	40.2	—	—	—
10	27.14	4.0	40.3	27.14	4.0	40.3	—	—	—
11	31.17	3.1	40.3	31.17	3.1	40.3	—	—	—
12	37.40	4.8	40.4	37.40	4.8	40.4	—	—	—
Mathematical and computer scientists	26.33	2.6	40.5	27.20	3.0	40.6	\$23.05	2.1	40.0
7	21.88	4.2	39.9	—	—	—	—	—	—
8	21.66	4.5	40.2	21.66	4.5	40.2	—	—	—
9	27.34	2.2	40.2	27.42	3.1	40.4	27.14	2.0	40.0
10	27.90	2.0	40.0	28.10	2.0	40.0	—	—	—
11	31.45	3.3	42.9	32.42	2.5	43.3	—	—	—
12	35.56	4.9	41.1	35.56	4.9	41.1	—	—	—
Computer systems analysts and scientists	26.75	3.0	40.5	27.84	3.7	40.7	23.03	2.2	40.0
7	21.96	4.4	39.9	—	—	—	—	—	—
8	22.77	4.8	40.3	22.77	4.8	40.3	—	—	—
9	27.37	2.3	40.3	27.48	3.1	40.4	—	—	—
10	27.72	2.1	40.0	27.93	2.2	40.0	—	—	—
11	31.68	3.4	43.1	32.73	2.6	43.5	—	—	—
12	35.56	5.1	41.1	35.56	5.1	41.1	—	—	—
Operations and systems researchers and analysts	20.55	6.6	40.0	20.44	6.6	40.0	—	—	—
Natural scientists	19.59	3.0	40.1	21.64	7.9	40.6	19.01	.9	40.0
7	21.26	2.0	40.0	—	—	—	—	—	—
9	24.26	6.2	40.0	—	—	—	—	—	—
Chemists, except biochemists	18.50	13.8	40.6	18.50	13.8	40.6	—	—	—
Physical scientists, n.e.c.	28.57	8.2	40.0	—	—	—	—	—	—
Biological and life scientists	18.51	5.0	40.0	—	—	—	—	—	—
Health related	21.39	3.4	34.4	21.60	3.3	33.2	20.88	5.3	37.4
5	13.63	4.7	38.8	14.44	3.1	37.3	—	—	—
6	15.00	10.5	34.5	15.00	10.5	34.5	—	—	—
7	19.27	3.1	32.9	18.81	3.2	31.5	20.06	3.2	35.5
8	19.41	3.9	34.6	19.22	4.7	33.2	19.90	4.2	38.8
9	22.56	3.0	34.8	22.32	3.2	33.8	23.38	6.9	38.7
10	25.77	9.6	31.3	24.24	16.1	27.8	—	—	—
11	32.11	9.7	36.0	31.70	11.7	36.1	—	—	—
Not able to be leveled	18.01	15.3	36.6	—	—	—	—	—	—
Physicians	46.58	17.9	41.0	48.27	18.5	42.3	—	—	—
Registered nurses	19.83	1.8	34.0	19.48	2.3	32.8	20.68	2.8	37.2
7	19.33	3.4	32.8	18.90	3.3	31.5	20.10	3.1	35.3
8	19.00	3.0	34.8	18.87	4.2	33.2	19.33	1.6	39.2
9	21.30	4.2	34.2	20.90	4.6	33.1	22.62	7.8	38.5
10	27.04	5.1	31.8	—	—	—	—	—	—
11	28.16	10.4	35.9	24.40	9.9	36.6	—	—	—
Pharmacists	30.87	4.5	30.5	31.07	5.2	29.3	—	—	—
9	32.82	6.4	39.6	—	—	—	—	—	—
Dietitians	13.54	9.8	30.8	—	—	—	—	—	—
Respiratory therapists	18.15	9.2	39.3	18.15	9.2	39.3	—	—	—
Occupational therapists	22.89	5.6	32.8	22.27	6.7	31.3	—	—	—
Physical therapists	24.12	3.4	33.4	23.91	3.5	33.7	—	—	—
Speech therapists	25.04	3.1	31.5	—	—	—	—	—	—
Therapists, n.e.c.	14.32	6.6	40.0	16.00	6.9	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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Health related—Continued									
Physicians' assistants	\$28.86	5.2	40.0	\$28.34	11.2	40.0	—	—	—
Teachers, college and university	35.26	11.5	36.6	26.58	6.7	22.8	\$36.00	11.1	38.7
7	26.27	11.9	24.8	—	—	—	26.99	9.9	31.1
8	22.75	11.6	36.0	23.62	2.0	32.7	22.29	17.7	38.0
9	26.78	7.0	37.1	22.51	13.3	32.2	27.38	7.4	37.9
10	26.16	8.5	31.7	—	—	—	24.10	7.6	44.5
11	31.77	7.5	39.9	30.46	9.7	34.2	31.83	7.9	40.2
12	34.50	7.8	38.4	—	—	—	—	—	—
13	37.54	11.7	40.3	—	—	—	37.42	12.1	40.4
Chemistry teachers	31.81	3.2	40.2	—	—	—	—	—	—
Social science teachers, n.e.c.	31.28	2.0	39.1	—	—	—	—	—	—
Mathematical science teachers	28.96	20.6	40.5	—	—	—	—	—	—
Medical science teachers	29.81	17.4	39.1	—	—	—	—	—	—
Health specialties teachers	28.73	8.7	39.8	23.86	2.0	39.2	30.14	9.4	40.0
Business, commerce, and marketing teachers ..	39.86	4.6	29.7	31.96	24.1	12.4	—	—	—
Art, drama, and music teachers	37.27	15.1	37.1	25.97	15.1	29.4	39.95	13.1	39.5
8	25.35	13.5	21.2	—	—	—	—	—	—
Education teachers	23.10	7.3	26.9	—	—	—	—	—	—
English teachers	25.57	9.7	29.9	—	—	—	25.93	10.2	36.8
Theology teachers	39.19	2.7	39.9	—	—	—	—	—	—
Trade and industrial teachers	30.16	2.1	37.3	—	—	—	30.15	2.1	37.3
Other post-secondary teachers	25.77	8.5	31.0	—	—	—	25.36	8.4	34.2
7	26.15	12.3	25.0	—	—	—	26.72	12.3	25.9
8	20.24	8.5	37.1	—	—	—	—	—	—
11	24.94	12.0	40.0	—	—	—	—	—	—
Teachers, except college and university	25.16	2.3	34.6	13.41	8.4	30.3	26.45	2.5	35.2
4	10.42	3.4	18.3	—	—	—	—	—	—
5	13.54	8.6	22.9	14.05	15.6	35.4	13.27	11.4	19.2
6	14.52	29.7	27.8	—	—	—	22.89	1.5	31.2
7	24.36	4.9	35.2	15.90	4.9	32.4	24.61	5.1	35.3
8	26.47	4.6	36.1	—	—	—	27.35	3.8	36.0
9	28.06	2.7	37.0	21.07	5.7	39.6	28.41	3.1	36.9
Prekindergarten and kindergarten	15.70	18.4	29.0	—	—	—	25.72	10.0	33.8
8	24.27	4.8	32.3	—	—	—	24.27	4.8	32.3
Elementary school teachers	27.44	3.5	36.1	21.49	8.5	38.7	27.54	3.6	36.1
5	20.27	8.3	26.6	21.26	9.8	40.8	—	—	—
6	23.65	.0	37.1	—	—	—	23.65	.0	37.1
7	24.98	6.6	36.3	—	—	—	25.04	6.7	36.3
8	27.37	4.1	36.2	19.68	11.3	39.1	27.51	4.3	36.2
9	30.79	2.2	36.4	27.29	9.9	37.8	30.85	2.3	36.4
Secondary school teachers	26.77	2.8	36.5	20.95	7.2	34.9	26.90	2.9	36.5
6	22.67	1.2	35.1	—	—	—	22.67	1.2	35.1
7	24.56	4.9	37.3	—	—	—	24.76	5.2	37.3
8	28.28	3.5	35.8	19.33	8.2	34.5	28.50	3.5	35.8
9	27.50	6.4	37.0	—	—	—	27.50	6.4	37.0
Teachers, special education	27.15	6.3	37.0	—	—	—	27.19	6.4	37.0
7	23.99	7.0	37.9	—	—	—	23.99	7.0	37.9
8	27.86	5.4	34.5	—	—	—	28.07	5.3	34.5
9	30.51	7.3	37.4	—	—	—	30.55	7.3	37.4
Teachers, n.e.c.	22.27	6.8	32.5	15.01	12.8	28.7	23.51	6.4	33.2
5	10.12	5.9	20.7	—	—	—	—	—	—
6	13.58	12.0	32.8	13.58	12.0	32.8	—	—	—
7	24.96	5.5	34.2	15.54	8.6	30.5	26.10	4.8	34.7
8	23.81	9.4	35.9	—	—	—	23.86	9.4	36.5
9	24.23	9.4	37.6	—	—	—	24.60	10.8	37.4
Substitute teachers	9.51	8.0	10.3	—	—	—	9.51	8.0	10.3
Vocational and educational counselors	18.18	15.0	37.6	—	—	—	23.53	5.8	39.7
8	16.30	20.6	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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Librarians, archivists, and curators	\$21.77	15.0	38.0	—	—	—	\$26.20	7.7	36.9
7	20.36	9.1	36.9	—	—	—	20.51	9.1	36.8
8	29.10	9.1	36.2	—	—	—	29.18	9.2	36.4
9	28.45	15.3	38.8	—	—	—	—	—	—
Librarians	21.77	15.0	38.0	—	—	—	26.20	7.7	36.9
7	20.36	9.1	36.9	—	—	—	20.51	9.1	36.8
8	29.10	9.1	36.2	—	—	—	29.18	9.2	36.4
9	28.45	15.3	38.8	—	—	—	—	—	—
Social scientists and urban planners	23.76	3.8	39.9	\$23.58	3.0	40.0	24.06	8.5	39.7
9	21.40	5.3	40.0	23.85	5.5	40.0	—	—	—
Economists	24.16	5.3	40.0	24.16	5.3	40.0	—	—	—
9	23.85	5.5	40.0	23.85	5.5	40.0	—	—	—
Psychologists	24.38	4.5	39.9	—	—	—	25.28	9.3	39.7
Social, recreation, and religious workers	15.26	3.8	39.1	14.49	3.7	39.6	17.69	5.4	37.8
7	14.75	7.6	39.0	14.74	8.4	39.9	14.80	7.8	32.2
8	17.67	11.9	37.3	15.62	5.0	24.3	17.86	12.8	39.2
9	19.44	6.2	38.8	17.06	6.8	34.6	19.90	7.2	39.7
Social workers	15.22	3.8	39.2	14.43	3.8	39.6	17.69	5.5	38.0
7	14.72	7.7	39.1	14.73	8.5	39.9	14.59	8.1	32.7
8	17.76	12.0	37.7	—	—	—	17.86	12.8	39.2
9	19.35	6.3	38.8	—	—	—	19.90	7.2	39.7
Lawyers and judges	30.67	9.2	41.9	33.58	12.1	50.1	28.74	13.2	37.7
12	26.03	13.1	46.5	—	—	—	—	—	—
Lawyers	29.39	6.7	42.0	33.58	12.1	50.1	26.29	6.5	37.5
12	26.03	13.1	46.5	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	17.35	11.6	34.4	17.03	12.9	34.1	21.66	5.1	38.8
6	11.83	9.2	37.2	11.83	9.2	37.2	—	—	—
7	16.12	4.8	40.0	16.17	5.0	40.0	—	—	—
8	21.14	7.6	37.9	18.04	4.5	35.7	—	—	—
9	19.98	5.9	40.8	19.91	5.9	40.8	—	—	—
11	23.94	12.2	40.0	23.94	12.2	40.0	—	—	—
Not able to be leveled	15.44	6.8	29.7	14.82	7.9	29.0	—	—	—
Designers									
7	16.65	8.9	40.0	16.79	9.6	40.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	17.82	5.9	39.9	17.29	6.5	39.9	—	—	—
Not able to be leveled	17.82	5.9	39.9	17.29	6.5	39.9	—	—	—
Editors and reporters	20.06	7.9	39.4	20.06	7.9	39.4	—	—	—
Public relations specialists	18.18	14.7	37.3	18.18	14.7	37.3	—	—	—
Athletes	15.55	11.0	27.6	—	—	—	—	—	—
Not able to be leveled	15.55	11.0	27.6	—	—	—	—	—	—
Professional, n.e.c.	30.13	11.4	40.3	—	—	—	—	—	—
9	24.02	4.2	40.0	—	—	—	—	—	—
Technical	18.20	6.6	33.7	18.93	7.3	33.0	14.41	7.9	38.0
4	11.63	5.8	34.4	12.03	7.7	33.5	10.37	1.4	37.9
5	13.35	1.7	34.3	13.28	1.8	33.8	13.89	1.6	38.5
6	15.05	5.7	38.0	15.50	6.2	38.2	13.88	6.2	37.5
7	17.59	4.5	38.3	17.47	5.9	38.8	17.99	6.0	36.7
8	19.36	3.3	38.4	20.09	2.5	38.3	16.86	3.9	38.9
9	22.13	3.9	38.6	22.18	4.3	38.5	21.25	2.5	40.0
11	33.87	11.8	32.5	33.95	11.8	32.5	—	—	—
Clinical laboratory technologists and technicians	14.09	11.3	37.9	16.18	5.1	36.6	—	—	—
4	10.14	1.6	40.0	9.70	5.5	39.9	—	—	—
5	13.99	7.9	33.3	13.80	9.2	32.3	—	—	—
7	17.67	9.3	38.0	17.36	9.6	37.9	—	—	—
8	19.04	4.3	40.0	19.04	4.3	40.0	—	—	—
Health record technologists and technicians	10.18	3.5	32.4	—	—	—	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Radiological technicians	\$18.21	5.6	36.6	\$18.16	6.0	36.5	—	—	—
5	15.63	7.3	29.5	15.63	7.3	29.5	—	—	—
6	19.11	9.0	38.1	19.35	9.1	38.0	—	—	—
8	19.21	9.2	39.4	19.34	9.9	39.3	—	—	—
Licensed practical nurses	12.55	3.4	33.3	12.36	3.6	32.4	\$13.34	4.5	37.9
4	12.17	5.3	30.6	12.13	5.6	30.5	—	—	—
5	13.06	2.7	33.2	12.93	2.7	32.0	—	—	—
6	12.76	5.9	37.1	12.55	6.6	37.2	13.11	6.9	36.9
Health technologists and technicians, n.e.c.	12.14	6.1	34.6	11.91	5.6	34.6	14.00	9.2	34.6
4	10.88	5.9	31.4	10.87	6.4	32.2	—	—	—
5	13.09	3.9	35.0	13.06	4.1	35.0	—	—	—
6	12.04	2.4	37.5	—	—	—	—	—	—
7	14.62	7.7	37.3	—	—	—	—	—	—
Electrical and electronic technicians	18.76	6.2	40.0	18.74	6.4	40.2	—	—	—
8	17.10	8.8	39.7	17.06	9.1	40.5	—	—	—
Engineering technicians, n.e.c.	18.88	3.0	39.8	19.90	2.2	39.6	17.70	5.3	40.0
7	19.57	4.2	40.0	20.54	2.8	40.0	—	—	—
8	19.21	6.7	40.1	21.69	1.2	40.2	—	—	—
Drafters	16.66	3.3	39.2	16.62	4.1	39.2	—	—	—
5	15.63	6.2	39.9	15.93	6.7	39.9	—	—	—
6	17.42	4.3	40.0	17.42	4.3	40.0	—	—	—
7	20.04	6.0	40.0	—	—	—	—	—	—
Chemical technicians	17.26	6.4	37.9	17.47	8.4	40.0	—	—	—
Science technicians, n.e.c.	15.37	8.9	38.8	15.14	8.6	38.7	—	—	—
Airplane pilots and navigators	93.61	23.3	18.8	93.61	23.3	18.8	—	—	—
Computer programmers	22.09	3.5	40.2	22.23	3.7	40.2	—	—	—
8	21.17	2.6	41.3	21.35	2.7	41.3	—	—	—
9	24.46	6.7	40.6	24.46	6.7	40.6	—	—	—
Legal assistants	18.16	13.8	38.6	18.18	14.8	39.5	—	—	—
Technical and related, n.e.c.	17.14	10.0	32.5	17.96	13.6	32.3	15.18	4.4	33.0
5	13.79	7.8	38.5	—	—	—	—	—	—
7	16.39	15.1	27.5	—	—	—	—	—	—
8	16.77	4.1	29.2	—	—	—	—	—	—
Executive, administrative, and managerial	28.64	11.2	41.4	28.85	13.3	41.7	27.61	9.1	39.8
5	12.98	7.2	34.5	12.92	8.3	33.9	13.14	7.6	36.6
6	14.15	4.4	40.2	13.93	4.6	40.3	16.40	5.7	39.7
7	17.04	5.0	43.4	16.97	5.1	43.6	18.57	3.1	39.8
8	17.01	12.9	41.3	16.54	14.9	41.5	19.81	5.0	39.9
9	23.14	1.6	41.8	23.67	3.3	42.3	21.52	4.7	40.2
10	46.25	35.8	40.9	49.59	37.5	40.6	25.33	8.4	43.0
11	37.46	11.2	41.4	38.50	13.1	41.4	33.04	4.1	41.4
12	37.64	3.4	42.1	37.58	3.9	42.1	37.95	4.8	41.7
13	67.79	26.3	40.9	74.69	32.5	41.1	53.84	6.5	40.4
14	63.19	8.1	41.8	63.66	8.1	41.8	—	—	—
Not able to be leveled	24.87	9.2	37.0	—	—	—	22.27	11.1	35.0
Executives, administrators, and managers	31.94	14.6	42.1	32.23	17.4	42.6	30.55	8.6	40.0
5	11.65	15.7	44.8	11.68	16.5	45.7	—	—	—
6	14.17	4.8	40.8	13.75	4.9	40.9	—	—	—
7	16.79	6.1	44.4	16.76	6.2	44.5	18.24	5.9	40.0
8	17.88	14.9	41.8	17.68	16.6	42.1	19.52	7.2	39.7
9	23.23	2.0	42.5	24.06	4.1	43.3	20.80	3.7	40.2
10	49.20	36.9	41.1	52.44	38.5	40.8	26.63	9.9	43.7
11	38.89	12.2	41.3	40.31	14.4	41.3	33.47	4.4	41.5
12	37.53	3.6	42.3	37.39	4.1	42.4	38.37	4.8	41.9
13	67.84	26.3	40.9	74.77	32.5	41.1	53.84	6.5	40.4
14	63.97	8.0	41.7	64.48	8.1	41.8	—	—	—
Not able to be leveled	24.74	9.9	36.8	—	—	—	22.27	11.1	35.0

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Executives, administrators, and managers									
—Continued									
Administrators and officials, public administration	\$23.98	4.5	40.8	—	—	—	\$24.02	4.6	40.8
9	21.41	5.3	40.0	—	—	—	21.41	5.3	40.0
11	28.45	8.1	42.2	—	—	—	—	—	—
Financial managers	55.78	31.2	41.9	\$55.60	35.5	42.1	—	—	—
9	24.63	8.2	44.8	24.63	8.2	44.8	—	—	—
12	37.98	6.5	42.5	37.98	6.5	42.5	—	—	—
13	92.66	32.8	40.3	—	—	—	—	—	—
Personnel and labor relations managers	30.83	4.8	41.3	29.62	7.2	41.5	—	—	—
Purchasing managers	26.00	10.2	43.5	26.23	10.4	43.6	—	—	—
Managers, marketing, advertising, and public relations	38.73	8.0	41.0	38.73	8.0	41.0	—	—	—
9	20.72	6.3	41.6	20.72	6.3	41.6	—	—	—
11	31.20	7.1	40.0	31.20	7.1	40.0	—	—	—
12	37.49	10.9	41.7	37.49	10.9	41.7	—	—	—
13	48.69	10.9	39.6	48.69	10.9	39.6	—	—	—
Administrators, education and related fields	28.78	12.3	40.4	24.92	9.2	40.0	29.44	14.2	40.5
7	14.18	5.6	40.0	14.18	5.6	40.0	—	—	—
8	17.83	12.9	37.3	—	—	—	—	—	—
9	20.05	5.5	40.3	—	—	—	20.08	5.7	40.3
10	29.45	12.3	40.8	19.37	15.9	44.3	33.99	9.3	39.5
11	35.35	5.4	40.6	—	—	—	35.15	5.7	40.6
12	37.76	5.9	41.2	—	—	—	38.62	5.3	41.4
Managers, medicine and health	27.91	4.2	40.4	28.15	3.9	40.4	—	—	—
9	24.73	5.5	40.0	25.39	5.4	40.0	—	—	—
11	31.68	3.4	40.7	31.71	3.4	40.7	—	—	—
Managers, food servicing and lodging establishments	20.82	21.2	43.0	21.08	21.6	43.5	—	—	—
Managers, properties and real estate	17.59	12.2	39.9	15.66	8.7	39.9	—	—	—
Managers, service organizations, n.e.c.	19.46	18.3	40.4	19.21	21.0	40.4	20.99	9.2	40.0
11	27.58	5.4	40.0	—	—	—	—	—	—
Managers and administrators, n.e.c.	26.73	9.5	43.2	26.80	9.6	43.3	25.56	15.9	41.9
7	17.38	7.6	45.7	17.38	7.6	45.7	—	—	—
8	21.54	6.0	40.6	21.32	6.9	40.7	—	—	—
9	24.75	3.6	43.2	25.06	3.4	43.4	—	—	—
11	36.00	7.1	42.0	36.40	7.7	41.7	—	—	—
12	38.14	2.8	42.7	38.21	2.9	42.6	—	—	—
13	42.01	4.8	42.6	42.51	5.4	42.4	—	—	—
14	69.23	9.4	42.2	69.23	9.4	42.2	—	—	—
Not able to be leveled	24.27	18.1	40.0	—	—	—	—	—	—
Management related	19.24	6.2	39.4	19.14	7.4	39.4	19.68	7.1	39.4
5	13.48	5.5	31.8	13.62	7.6	29.5	13.23	8.5	36.9
6	14.14	5.7	40.0	14.01	6.0	40.0	15.63	4.2	39.5
7	17.97	3.2	40.1	17.84	3.7	40.2	18.72	3.2	39.7
8	15.87	22.0	40.5	14.89	27.3	40.6	20.03	6.6	40.0
9	22.94	2.8	40.2	22.80	3.3	40.2	23.40	4.1	40.1
10	23.45	4.6	39.4	24.52	4.5	39.3	—	—	—
11	28.94	3.0	41.8	29.11	3.6	42.0	—	—	—
12	38.61	11.0	39.7	39.30	10.9	39.8	—	—	—
Not able to be leveled	26.56	4.9	40.0	26.56	4.9	40.0	—	—	—
Accountants and auditors	22.90	9.3	39.8	23.30	9.9	39.8	19.70	6.1	39.6
5	16.74	6.8	40.0	16.34	7.7	40.0	—	—	—
7	18.07	3.3	40.0	17.40	3.3	40.0	—	—	—
8	21.56	6.7	40.4	21.79	6.7	40.4	—	—	—
9	23.77	8.7	39.3	24.11	8.5	39.3	—	—	—
Underwriters	18.53	11.5	40.0	18.53	11.5	40.0	—	—	—
Other financial officers	15.29	21.9	40.5	14.61	23.3	40.5	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Other financial officers—Continued									
6	\$12.56	6.6	40.0	\$12.56	6.6	40.0	—	—	—
9	23.80	7.7	40.0	21.49	11.9	40.0	—	—	—
11	29.38	8.0	41.6	29.38	8.0	41.6	—	—	—
Management analysts	22.35	5.5	40.3	22.65	5.3	40.4	\$21.64	13.0	40.0
9	22.96	4.9	40.0	—	—	—	—	—	—
Personnel, training, and labor relations specialists									
7	17.25	10.7	40.1	16.84	11.0	40.1	21.09	6.4	39.8
7	18.40	3.4	40.4	18.53	3.5	40.4	—	—	—
8	18.86	5.1	40.0	—	—	—	—	—	—
9	24.00	3.3	40.8	—	—	—	—	—	—
Buyers, wholesale and retail trade, except farm products									
23.73	6.3	42.6	23.73	6.3	42.6	—	—	—	
Purchasing agents and buyers, n.e.c.									
20.81	6.7	40.5	19.62	10.0	40.6	—	—	—	
Construction inspectors									
18.55	7.9	40.0	—	—	—	18.55	7.9	40.0	
Inspectors and compliance officers, except construction									
20.37	6.5	40.4	—	—	—	20.15	8.0	39.9	
Management related, n.e.c.									
20.19	5.1	35.8	21.75	3.0	34.9	16.53	12.2	38.3	
5	13.20	7.9	23.5	—	—	—	—	—	
7	18.98	3.3	39.8	19.05	4.5	39.7	—	—	
8	15.53	5.6	39.8	16.28	6.1	39.8	—	—	
9	22.27	3.3	40.5	22.60	3.3	40.4	—	—	
11	27.96	4.8	42.0	—	—	—	—	—	
Not able to be leveled	26.56	4.9	40.0	26.56	4.9	40.0	—	—	
Sales									
11.61	4.9	30.8	11.62	4.9	30.8	9.35	8.9	17.6	
1	6.81	3.4	25.2	6.81	3.4	25.2	—	—	
2	6.77	3.5	24.6	6.76	3.5	24.6	—	—	
3	7.80	4.5	26.4	7.80	4.5	26.4	—	—	
4	10.55	3.9	37.1	10.55	3.9	37.1	—	—	
5	12.11	7.1	41.3	12.10	7.2	41.3	—	—	
6	18.09	5.3	41.6	18.09	5.3	41.6	—	—	
7	17.37	10.5	41.0	17.37	10.5	41.0	—	—	
8	19.43	7.7	41.2	19.43	7.7	41.2	—	—	
9	34.58	16.7	43.6	34.58	16.7	43.6	—	—	
10	29.42	7.9	39.6	29.42	7.9	39.6	—	—	
Supervisors, sales									
15.27	6.8	41.5	15.27	6.8	41.5	—	—	—	
4	9.21	4.2	39.3	9.21	4.2	39.3	—	—	
5	10.27	14.1	42.1	10.27	14.1	42.1	—	—	
6	17.99	4.8	43.8	17.99	4.8	43.8	—	—	
7	15.58	6.5	42.2	15.58	6.5	42.2	—	—	
8	17.15	6.9	40.6	17.15	6.9	40.6	—	—	
Insurance sales									
22.98	11.5	40.2	22.98	11.5	40.2	—	—	—	
Securities and financial services sales									
18.80	17.1	38.8	18.80	17.1	38.8	—	—	—	
Advertising and related sales									
14.66	17.7	39.7	14.66	17.7	39.7	—	—	—	
Sales, other business services									
11.53	19.1	29.5	11.53	19.1	29.5	—	—	—	
5	18.80	15.5	40.4	18.80	15.5	40.4	—	—	
6	13.61	15.6	40.0	13.61	15.6	40.0	—	—	
Sales engineers									
21.42	10.9	40.8	21.42	10.9	40.8	—	—	—	
Sales representatives, mining, manufacturing, and wholesale									
23.59	24.0	40.1	23.59	24.0	40.1	—	—	—	
6	16.76	8.3	40.4	16.76	8.3	40.4	—	—	
8	19.28	8.8	41.8	19.28	8.8	41.8	—	—	
10	31.96	8.3	40.0	31.96	8.3	40.0	—	—	
Sales workers, motor vehicles and boats									
16.46	25.8	46.4	16.46	25.8	46.4	—	—	—	
Sales workers, apparel									
9.46	22.3	28.2	9.46	22.3	28.2	—	—	—	
3	7.33	12.8	29.9	7.33	12.8	29.9	—	—	
Sales workers, hardware and building supplies									
12.08	6.2	38.7	12.08	6.2	38.7	—	—	—	

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales workers, parts	\$11.29	9.3	38.1	\$11.29	9.3	38.1	—	—	—
4	12.56	2.8	41.5	12.56	2.8	41.5	—	—	—
Sales workers, other commodities	10.18	11.4	27.7	10.18	11.4	27.7	—	—	—
3	7.62	1.7	25.8	7.63	1.7	25.9	—	—	—
4	10.52	4.5	35.2	10.52	4.5	35.2	—	—	—
5	12.34	6.3	39.8	12.34	6.3	39.8	—	—	—
Sales counter clerks	7.42	4.7	28.8	7.42	4.7	28.8	—	—	—
1	6.03	2.3	32.8	6.03	2.3	32.8	—	—	—
2	6.97	5.9	23.2	6.97	5.9	23.2	—	—	—
3	8.79	2.1	34.0	8.79	2.1	34.0	—	—	—
Cashiers	7.43	2.7	25.4	7.42	2.8	25.4	\$9.93	8.6	18.1
1	7.17	2.2	26.3	7.17	2.2	26.3	—	—	—
2	6.69	5.9	24.9	6.67	6.0	25.0	—	—	—
3	8.01	4.2	24.4	8.01	4.2	24.4	—	—	—
4	9.60	2.8	33.2	9.61	2.8	33.3	—	—	—
Demonstrators, promoters, and models, sales ..	8.70	4.7	21.0	8.70	4.7	21.0	—	—	—
Sales support, n.e.c.	11.73	4.6	39.3	11.73	4.6	39.3	—	—	—
Administrative support, including clerical	11.65	3.0	36.6	11.36	2.7	36.5	12.84	7.1	37.1
1	7.46	6.5	27.8	7.26	7.4	28.2	8.18	4.9	26.6
2	8.91	3.8	34.3	8.71	4.1	34.5	9.75	6.0	33.5
3	9.49	2.6	35.4	9.38	2.8	35.6	10.65	5.0	33.4
4	11.09	1.7	36.8	10.91	1.9	36.6	11.96	4.7	37.8
5	13.57	3.0	39.1	13.44	3.2	38.9	13.89	4.2	39.6
6	14.87	3.4	39.4	15.46	3.2	39.3	13.87	6.1	39.6
7	16.50	3.4	39.3	16.26	3.0	39.8	17.05	5.8	38.2
8	20.03	4.7	42.6	20.47	4.4	42.8	—	—	—
9	21.87	4.4	39.9	21.57	4.0	39.8	—	—	—
Not able to be leveled	22.68	22.3	35.8	25.38	19.4	35.1	—	—	—
Supervisors, general office	15.65	2.8	40.3	15.77	3.6	40.4	15.41	3.6	40.0
5	14.48	1.6	40.0	14.54	1.9	40.0	—	—	—
7	15.23	7.1	40.0	14.54	10.9	40.0	—	—	—
8	18.08	6.1	42.8	—	—	—	—	—	—
9	21.22	4.8	41.2	21.22	4.8	41.2	—	—	—
Supervisors, financial records processing	16.35	10.6	41.3	16.22	11.3	41.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	15.70	7.3	39.8	18.20	8.0	39.7	—	—	—
Computer operators	14.39	5.5	40.0	14.56	5.6	40.0	—	—	—
Secretaries	12.65	5.6	38.2	11.68	5.5	37.7	14.12	9.4	39.1
2	8.63	7.0	34.0	8.67	15.5	37.2	—	—	—
3	9.69	3.1	36.4	9.58	2.8	36.3	—	—	—
4	10.98	4.9	37.7	10.23	6.9	36.9	12.21	6.4	39.1
5	13.84	4.3	39.2	13.29	4.3	38.9	14.79	6.1	39.8
6	14.30	7.4	39.6	15.33	5.7	39.0	13.65	12.1	39.9
7	18.18	4.2	39.3	16.20	2.8	40.0	—	—	—
Stenographers	11.65	5.4	35.9	11.65	5.4	35.9	—	—	—
Typists	11.58	5.1	38.9	10.25	7.4	35.9	11.96	4.8	39.8
4	11.18	7.3	39.6	—	—	—	11.18	8.5	39.5
5	13.29	1.0	40.0	—	—	—	—	—	—
Interviewers	9.52	5.4	30.3	9.51	5.8	29.9	—	—	—
Hotel clerks	7.39	4.1	27.2	7.39	4.1	27.2	—	—	—
Receptionists	9.43	3.4	33.1	9.39	3.5	33.1	10.59	5.0	33.6
1	9.01	10.0	30.9	8.95	10.3	30.8	—	—	—
2	8.78	2.2	36.1	8.76	2.3	36.0	—	—	—
3	9.66	7.1	33.1	9.63	7.4	33.0	—	—	—
4	9.93	5.2	29.8	9.86	5.3	29.7	—	—	—
Information clerks, n.e.c.	11.95	7.9	35.1	12.27	6.3	35.7	—	—	—
3	7.97	4.7	37.7	8.53	5.3	34.8	—	—	—
4	12.71	4.8	37.7	12.64	6.6	37.0	—	—	—
Correspondence clerks	13.39	5.9	40.0	13.33	6.2	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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Order clerks	\$12.51	7.4	38.4	\$12.51	7.4	38.4	—	—	—
3	9.52	13.8	35.8	9.52	13.8	35.8	—	—	—
4	11.43	6.7	39.9	11.43	6.7	39.9	—	—	—
5	14.56	9.0	39.8	14.56	9.0	39.8	—	—	—
Personnel clerks, except payroll and timekeeping	12.24	9.3	38.6	12.23	9.4	38.6	—	—	—
4	13.49	16.1	37.3	13.51	16.5	37.2	—	—	—
Library clerks	9.83	6.0	25.7	—	—	—	\$9.80	6.8	24.5
3	8.80	12.2	27.7	—	—	—	8.80	12.6	27.5
4	10.53	6.5	23.8	—	—	—	10.68	8.5	20.7
File clerks	9.11	5.2	37.1	9.11	5.2	37.1	—	—	—
2	8.57	2.2	37.7	8.57	2.2	37.7	—	—	—
Records clerks, n.e.c.	9.94	8.0	37.9	9.81	8.6	37.7	11.55	4.9	39.3
4	11.03	4.9	38.1	10.94	5.3	38.0	—	—	—
6	15.81	15.0	39.4	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks ...	11.37	3.1	38.3	11.07	3.5	38.1	13.64	5.3	39.5
2	9.80	10.2	38.8	9.76	10.8	38.7	—	—	—
3	9.81	4.9	35.0	9.76	5.0	34.9	—	—	—
4	10.74	3.3	39.0	10.49	3.2	39.0	12.70	5.6	38.7
5	11.45	9.2	39.7	11.38	9.4	39.7	—	—	—
6	12.56	6.7	37.9	11.35	7.4	36.7	—	—	—
7	16.53	4.4	39.8	16.68	5.0	39.7	—	—	—
Payroll and timekeeping clerks	14.91	9.5	27.0	14.65	11.5	25.5	—	—	—
4	11.58	3.6	19.9	11.58	3.6	19.9	—	—	—
Billing clerks	12.28	8.4	37.2	12.09	9.2	36.7	—	—	—
Office machine operators, n.e.c.	8.64	7.4	37.2	8.64	7.4	37.2	—	—	—
Telephone operators	13.42	10.2	34.6	13.44	10.2	34.6	—	—	—
3	8.17	4.3	29.4	8.17	4.3	29.4	—	—	—
Mail clerks, except postal service	7.70	10.6	39.3	7.60	11.1	39.2	—	—	—
Messengers	7.87	6.0	25.8	7.80	6.3	25.3	—	—	—
Dispatchers	16.83	20.2	39.0	21.63	25.5	37.9	12.38	4.3	40.1
5	13.00	11.8	38.6	—	—	—	—	—	—
Production coordinators	15.63	3.9	40.0	15.63	3.9	40.0	—	—	—
7	18.42	3.5	40.3	18.42	3.5	40.3	—	—	—
Traffic, shipping and receiving clerks	12.03	9.5	39.5	12.04	9.5	39.5	—	—	—
3	8.80	5.1	39.5	8.72	4.7	39.5	—	—	—
4	10.64	2.5	39.8	10.64	2.5	39.8	—	—	—
Stock and inventory clerks	10.65	5.1	36.5	10.54	5.5	36.5	13.84	10.9	36.8
3	9.55	6.7	32.0	9.55	6.7	31.9	—	—	—
4	11.08	7.3	38.1	10.82	7.0	38.0	—	—	—
5	12.88	6.2	40.0	12.88	6.2	40.0	—	—	—
Weighers, measurers, checkers, and samplers	13.61	25.3	21.1	14.23	25.3	29.2	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	10.49	9.6	32.1	10.46	9.7	32.1	—	—	—
4	10.10	4.0	26.2	10.04	4.2	26.0	—	—	—
Insurance adjusters, examiners, and investigators	13.50	5.8	38.8	13.53	5.8	38.8	—	—	—
4	11.00	6.5	38.8	11.00	6.5	38.8	—	—	—
7	16.56	4.1	38.8	16.56	4.1	38.8	—	—	—
Investigators and adjusters, except insurance ...	11.71	5.1	39.9	11.70	5.1	39.9	—	—	—
3	9.72	4.8	39.8	9.72	4.8	39.8	—	—	—
4	11.61	6.0	40.2	11.61	6.2	40.2	—	—	—
5	13.04	13.7	40.0	13.04	13.7	40.0	—	—	—
6	16.14	5.9	40.0	16.13	6.1	40.0	—	—	—
Eligibility clerks, social welfare	13.04	8.7	39.0	—	—	—	14.38	4.7	40.0
6	13.92	4.1	40.0	—	—	—	13.92	4.1	40.0
Bill and account collectors	12.24	5.1	39.5	11.92	4.8	39.4	—	—	—
General office clerks	11.10	5.4	36.8	10.29	3.4	36.4	12.61	5.6	37.5
1	7.96	8.6	29.3	7.94	10.0	30.8	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical —Continued									
General office clerks—Continued									
2	\$10.43	6.5	37.2	\$9.51	4.4	35.1	\$11.49	10.8	39.9
3	9.89	2.8	36.3	9.64	2.9	36.5	11.13	8.8	35.3
4	11.60	3.7	37.9	11.01	2.8	38.5	13.04	7.5	36.3
5	13.96	2.0	39.3	14.34	5.1	37.8	13.80	2.4	40.0
6	14.27	9.4	40.0	—	—	—	—	—	—
Bank tellers	8.14	3.4	31.8	8.14	3.4	31.8	—	—	—
2	6.89	3.2	27.9	6.89	3.2	27.9	—	—	—
3	8.01	6.0	31.2	8.01	6.0	31.2	—	—	—
4	9.31	2.4	36.8	9.31	2.4	36.8	—	—	—
Data entry keyers	10.67	6.9	38.0	11.02	6.0	37.6	—	—	—
2	9.98	5.7	33.4	9.98	5.7	33.4	—	—	—
3	10.11	8.0	38.3	—	—	—	—	—	—
4	9.94	8.0	39.2	10.72	3.5	38.7	—	—	—
Statistical clerks	12.71	6.7	39.2	12.71	6.7	39.2	—	—	—
Teachers' aides	9.32	4.6	29.9	9.58	4.8	38.0	9.31	4.6	29.7
1	8.11	7.5	27.4	—	—	—	8.11	7.5	27.4
2	8.79	9.5	31.7	—	—	—	8.81	9.4	31.7
3	9.60	7.4	26.6	—	—	—	9.60	7.4	26.6
4	11.29	9.2	30.7	—	—	—	11.40	10.5	29.8
5	10.24	6.2	34.2	—	—	—	—	—	—
Administrative support, n.e.c.	11.69	5.4	36.7	11.69	5.9	37.0	11.75	5.3	33.8
2	9.92	6.2	31.8	9.92	6.2	31.8	—	—	—
3	10.71	3.8	36.2	10.49	5.0	39.0	11.56	5.0	28.3
4	11.71	4.6	34.7	11.79	4.7	34.3	10.95	4.9	39.4
5	11.79	6.9	39.8	11.79	6.9	39.8	—	—	—
6	15.41	2.6	39.9	15.24	3.2	39.9	—	—	—
7	15.53	5.8	40.8	15.82	5.5	40.9	—	—	—
Blue collar	13.32	3.0	38.3	13.24	3.1	38.4	14.92	1.7	36.8
1	8.39	4.2	33.8	8.39	4.2	33.9	7.73	11.7	24.9
2	9.76	3.7	35.4	9.73	3.8	35.8	12.13	10.0	20.0
3	11.18	3.3	38.5	11.14	3.4	38.7	12.50	4.1	34.6
4	11.59	2.2	37.8	11.58	2.3	37.8	12.26	5.2	37.1
5	14.34	2.4	40.1	14.29	2.5	40.3	15.11	4.5	37.6
6	15.32	3.2	43.3	15.42	3.5	43.5	13.84	5.8	40.0
7	18.77	3.6	40.1	19.05	4.1	40.1	15.84	4.4	39.8
8	21.57	2.5	40.0	21.65	2.6	40.0	20.97	8.1	40.0
9	22.93	4.1	41.5	22.99	4.4	41.6	22.14	2.8	40.0
Not able to be leveled	17.03	26.8	40.0	17.03	26.8	40.0	—	—	—
Precision production, craft, and repair	16.78	3.5	40.0	16.78	3.8	40.0	16.82	3.2	40.0
1	8.09	10.9	36.4	8.09	10.9	36.4	—	—	—
2	8.57	6.3	40.0	8.54	6.4	40.0	—	—	—
3	10.13	2.4	40.0	—	—	—	—	—	—
4	11.70	3.0	38.8	11.69	3.0	38.7	—	—	—
5	14.53	4.9	39.8	14.39	5.0	39.8	17.07	4.2	40.0
6	15.31	2.6	40.6	15.35	2.7	40.7	14.62	4.6	40.0
7	19.11	3.7	40.1	19.37	4.1	40.1	16.51	3.1	39.9
8	21.86	2.4	40.0	21.97	2.4	40.0	21.20	8.5	40.0
9	22.52	3.8	41.7	22.51	4.0	41.8	22.87	3.0	40.0
Not able to be leveled	16.94	28.9	40.0	16.94	28.9	40.0	—	—	—
Supervisors, mechanics and repairers	20.04	5.3	42.8	20.01	5.7	43.0	—	—	—
7	18.63	10.5	40.8	18.90	11.2	40.8	—	—	—
9	23.68	2.4	45.9	23.85	2.3	46.2	—	—	—
Automobile mechanics	15.73	6.6	40.2	15.71	6.7	40.2	—	—	—
5	13.58	11.8	40.1	13.58	11.8	40.1	—	—	—
7	17.74	3.8	40.4	17.78	4.0	40.5	—	—	—
Bus, truck, and stationary engine mechanics	12.62	7.4	40.6	12.28	7.9	40.7	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Bus, truck, and stationary engine mechanics—Continued									
6	\$11.48	9.0	40.9	\$11.16	9.2	41.0	—	—	—
7	16.96	4.8	40.0	16.99	6.1	40.0	—	—	—
Automobile body and related repairers	17.14	6.8	42.9	17.14	6.8	42.9	—	—	—
Aircraft mechanics, except engine	21.02	10.0	40.0	21.02	10.0	40.0	—	—	—
Heavy equipment mechanics	19.05	8.1	40.1	19.36	13.8	40.2	—	—	—
7	19.67	8.7	40.1	20.63	13.7	40.2	—	—	—
Industrial machinery repairers	16.30	2.1	39.4	16.28	2.2	39.4	—	—	—
5	15.10	9.7	39.8	15.10	9.7	39.8	—	—	—
6	18.09	8.4	40.0	18.09	8.4	40.0	—	—	—
Machinery maintenance	16.92	6.9	39.5	16.92	6.9	39.5	—	—	—
Electronic repairers, communications and industrial equipment	17.33	5.7	40.0	18.19	6.2	40.3	—	—	—
7	18.76	7.9	39.5	20.76	3.9	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.36	7.6	40.0	16.39	7.7	40.0	—	—	—
Millwrights	22.07	10.0	40.0	22.07	10.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.11	3.6	39.9	16.16	3.8	39.9	\$15.37	6.8	40.0
5	15.82	5.6	39.5	15.85	5.9	39.5	—	—	—
6	16.17	6.2	40.0	16.45	7.2	40.0	—	—	—
7	16.35	4.6	40.0	16.31	4.8	40.0	17.07	5.5	40.0
Supervisors, plumbers, pipefitters, and steamfitters	24.78	5.9	40.0	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	20.65	7.5	41.1	23.16	9.3	42.7	18.93	4.5	40.0
Carpenters	17.50	5.8	39.9	17.50	6.0	39.9	—	—	—
7	18.86	3.8	39.9	18.96	4.0	39.9	—	—	—
Electricians	22.05	12.2	40.0	23.54	11.7	40.0	16.24	6.9	40.0
7	21.93	13.6	40.0	23.56	12.6	40.0	—	—	—
8	22.51	8.0	40.0	—	—	—	—	—	—
9	22.95	3.5	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	20.57	12.6	40.0	20.64	12.9	40.0	—	—	—
7	24.58	3.4	40.0	24.58	3.4	40.0	—	—	—
8	26.48	3.1	39.8	26.48	3.1	39.8	—	—	—
Structural metal workers	18.41	9.5	40.0	18.41	9.5	40.0	—	—	—
Construction trades, n.e.c.	15.33	4.4	40.3	—	—	—	13.84	7.2	40.0
Supervisors, production	21.58	2.1	41.8	22.21	4.5	42.0	—	—	—
6	14.57	6.0	40.0	14.57	6.0	40.0	—	—	—
7	18.41	7.8	40.5	20.07	17.8	40.7	—	—	—
8	23.11	5.1	40.0	22.49	5.0	40.0	—	—	—
9	23.58	4.1	43.1	23.51	4.3	43.3	—	—	—
Tool and die makers	22.41	2.8	40.0	22.41	2.8	40.0	—	—	—
7	23.68	2.8	40.0	23.68	2.8	40.0	—	—	—
Precision assemblers, metal	14.77	14.0	40.0	14.77	14.0	40.0	—	—	—
Machinists	17.11	6.6	40.0	17.08	6.6	40.0	—	—	—
8	21.82	3.1	39.9	21.82	3.1	39.9	—	—	—
Sheet metal workers	19.98	3.5	39.9	19.98	3.5	39.9	—	—	—
Electrical and electronic equipment assemblers	9.08	9.9	39.5	9.08	9.9	39.5	—	—	—
4	11.55	4.4	40.0	11.55	4.4	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	13.22	11.6	40.0	13.22	11.6	40.0	—	—	—
5	13.37	6.4	40.0	13.37	6.4	40.0	—	—	—
Bakers	10.58	4.7	40.0	10.58	4.7	40.0	—	—	—
Inspectors, testers, and graders	16.75	13.7	40.0	16.75	13.7	40.0	—	—	—
7	20.72	5.1	40.0	20.72	5.1	40.0	—	—	—
Water and sewer treatment plant operators	13.85	15.8	40.0	—	—	—	18.20	3.7	40.0
Stationary engineers	17.07	9.2	40.0	19.07	6.8	40.0	—	—	—
7	18.24	6.4	40.0	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	12.58	4.6	38.8	12.58	4.6	38.8	—	—	—
1	8.96	5.0	38.4	8.96	5.0	38.4	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
2	\$9.83	7.3	34.8	\$9.83	7.3	34.8	—	—	—
3	12.87	6.9	39.8	12.87	6.9	39.8	—	—	—
4	12.45	2.5	39.9	12.45	2.5	39.9	—	—	—
5	13.77	3.7	40.0	13.77	3.7	40.0	—	—	—
6	15.85	3.4	39.9	15.85	3.4	39.9	—	—	—
7	17.78	2.4	39.9	17.78	2.4	39.9	—	—	—
8	18.35	17.3	38.5	18.35	17.3	38.5	—	—	—
9	19.42	3.7	40.0	19.42	3.7	40.0	—	—	—
Punching and stamping press operators	12.89	4.6	39.1	12.89	4.6	39.1	—	—	—
5	13.54	6.5	40.0	13.54	6.5	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	12.58	5.6	40.3	12.58	5.6	40.3	—	—	—
Numerical control machine operators	15.50	11.7	40.0	15.50	11.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	12.21	4.6	40.0	12.21	4.6	40.0	—	—	—
5	13.15	5.7	40.2	13.15	5.7	40.2	—	—	—
Molding and casting machine operators	11.82	6.3	39.6	11.82	6.3	39.6	—	—	—
5	12.61	7.0	39.8	12.61	7.0	39.8	—	—	—
Printing press operators	15.96	5.5	39.2	15.96	5.5	39.2	—	—	—
5	13.88	6.5	39.1	13.88	6.5	39.1	—	—	—
7	18.86	5.2	39.9	18.86	5.2	39.9	—	—	—
Laundry and dry cleaning machine operators	7.61	7.7	25.0	7.61	7.7	25.0	—	—	—
1	7.29	4.2	23.4	7.29	4.2	23.4	—	—	—
3	9.48	6.9	33.2	9.48	6.9	33.2	—	—	—
Cementing and gluing machine operators	17.01	11.2	40.0	17.01	11.2	40.0	—	—	—
Packaging and filling machine operators	12.21	12.5	38.9	12.21	12.5	38.9	—	—	—
4	13.24	6.7	37.9	13.24	6.7	37.9	—	—	—
Extruding and forming machine operators	9.45	6.2	39.1	9.45	6.2	39.1	—	—	—
Mixing and blending machine operators	14.07	5.4	40.0	14.07	5.4	40.0	—	—	—
Painting and paint spraying machine operators	15.17	5.4	40.0	15.17	5.4	40.0	—	—	—
5	13.97	4.8	40.0	13.97	4.8	40.0	—	—	—
Slicing and cutting machine operators	12.17	9.1	39.9	12.17	9.1	39.9	—	—	—
Miscellaneous machine operators, n.e.c.	13.11	8.4	39.7	13.11	8.4	39.7	—	—	—
1	9.49	4.4	37.2	9.49	4.4	37.2	—	—	—
2	11.04	8.4	39.1	11.04	8.5	39.2	—	—	—
3	9.49	12.9	40.0	9.49	12.9	40.0	—	—	—
4	12.47	3.4	40.0	12.47	3.4	40.0	—	—	—
5	15.20	2.7	40.0	15.20	2.7	40.0	—	—	—
Welders and cutters	12.93	6.7	40.0	12.93	6.7	40.0	—	—	—
4	9.89	11.7	40.0	9.89	11.7	40.0	—	—	—
5	13.68	4.6	40.1	13.68	4.6	40.1	—	—	—
7	16.40	3.2	40.0	16.40	3.2	40.0	—	—	—
Assemblers	12.24	6.6	37.1	12.24	6.6	37.1	—	—	—
1	9.04	7.5	39.9	9.04	7.5	39.9	—	—	—
2	9.08	10.3	31.6	9.08	10.3	31.6	—	—	—
3	17.13	7.3	40.0	17.13	7.3	40.0	—	—	—
4	14.73	6.3	40.0	14.73	6.3	40.0	—	—	—
5	14.11	3.9	40.0	14.11	3.9	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.46	7.3	40.0	13.46	7.3	40.0	—	—	—
Production inspectors, checkers and examiners	14.58	7.5	39.5	14.58	7.5	39.5	—	—	—
Production testers	14.47	8.4	40.0	14.47	8.4	40.0	—	—	—
Transportation and material moving	12.61	4.8	38.1	12.55	5.2	38.6	\$13.42	4.0	32.9
1	7.92	3.7	31.5	7.82	3.7	31.9	—	—	—
2	11.36	4.4	30.7	11.09	4.8	34.4	12.62	11.4	20.4
3	10.43	4.1	36.6	10.33	4.0	36.9	12.75	7.0	31.1
4	11.39	6.6	35.3	11.32	7.0	35.3	13.07	4.0	34.8
5	15.07	3.4	41.1	15.11	3.7	42.0	14.69	2.0	33.8
6	14.94	7.6	51.8	15.15	8.9	53.3	—	—	—
7	19.23	14.1	41.1	22.18	9.4	42.0	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
9	\$27.47	12.6	40.7	—	—	—	—	—	—
Supervisors, motor vehicle operators	16.96	8.3	40.0	—	—	—	—	—	—
Truck drivers	11.65	5.6	41.6	\$11.63	5.7	41.6	\$12.80	9.5	40.0
2	12.22	6.0	37.7	11.74	6.0	37.5	—	—	—
3	9.79	3.4	38.1	9.80	3.4	38.1	—	—	—
4	9.73	9.5	40.5	9.62	9.8	40.5	—	—	—
5	14.72	4.9	42.4	14.74	4.8	42.5	—	—	—
Driver-sales workers	13.64	14.3	32.5	13.64	14.3	32.5	—	—	—
Bus drivers	12.20	3.4	21.7	11.08	3.0	19.7	13.77	3.7	25.3
2	11.03	6.8	23.8	—	—	—	11.87	12.5	19.2
3	12.93	6.1	27.2	10.35	3.8	29.5	14.23	4.7	26.2
4	11.91	2.9	17.7	11.80	2.9	17.5	—	—	—
5	14.87	1.8	31.5	—	—	—	14.81	1.7	31.2
Taxicab drivers and chauffeurs	9.60	8.2	34.2	10.16	5.2	34.9	—	—	—
Motor transportation, n.e.c.	7.61	6.9	29.6	7.61	6.9	29.6	—	—	—
1	7.81	5.3	38.9	7.81	5.3	38.9	—	—	—
Supervisors, material moving equipment	20.69	2.7	41.9	20.69	2.7	41.9	—	—	—
Operating engineers	17.38	3.5	40.0	—	—	—	14.25	7.4	40.0
Excavating and loading machine operators	20.90	4.7	40.0	—	—	—	—	—	—
Grader, dozer, and scrapper operators	12.99	5.7	40.0	—	—	—	11.80	3.6	40.0
Industrial truck and tractor equipment operators	13.15	3.4	39.8	13.15	3.4	39.8	—	—	—
2	11.61	12.0	40.0	11.61	12.0	40.0	—	—	—
3	12.96	3.4	39.6	12.96	3.4	39.6	—	—	—
4	13.03	5.2	40.0	13.03	5.2	40.0	—	—	—
5	15.08	8.0	40.0	15.08	8.0	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.59	5.6	39.8	18.24	5.1	39.8	—	—	—
4	16.18	10.0	40.0	17.61	6.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
1	10.13	2.9	36.0	10.01	2.9	36.0	13.01	5.8	37.0
2	8.20	4.8	32.1	8.21	4.8	32.2	6.55	5.8	25.2
3	9.66	5.3	36.1	9.66	5.3	36.3	—	—	—
4	10.71	4.5	39.2	10.65	4.6	39.1	12.19	5.5	40.0
5	11.07	3.6	38.3	11.06	3.7	38.3	11.27	7.6	38.8
6	13.80	4.3	39.2	13.61	4.7	38.9	14.31	10.2	40.0
Groundskeepers and gardeners, except farm ...	16.03	7.9	39.0	16.48	11.1	38.7	14.68	4.3	40.0
1	10.35	5.3	35.4	8.86	8.0	33.8	12.93	9.5	38.6
3	7.21	4.3	30.9	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	11.62	5.8	36.7	—	—	—	—	—	—
13.41	11.0	40.1	12.64	9.1	40.1	—	—	—	
Helpers, mechanics and repairers	10.54	11.7	39.2	10.54	11.7	39.2	—	—	—
Helpers, construction trades	9.80	7.0	38.3	9.80	7.0	38.3	—	—	—
Construction laborers	13.23	10.2	39.8	13.25	11.4	39.7	12.99	9.6	40.0
2	14.20	13.1	39.9	14.20	13.1	39.9	—	—	—
4	16.35	9.4	39.7	—	—	—	12.09	8.1	40.0
5	14.82	8.6	37.9	—	—	—	—	—	—
Production helpers	10.97	4.8	38.2	10.97	4.8	38.2	—	—	—
1	8.66	12.7	35.1	8.66	12.7	35.1	—	—	—
2	10.56	1.9	37.7	10.56	1.9	37.7	—	—	—
Stock handlers and baggers	9.58	5.7	27.5	9.58	5.7	27.5	—	—	—
1	7.13	6.6	23.2	7.13	6.6	23.3	—	—	—
2	9.21	10.1	25.7	9.21	10.1	25.7	—	—	—
3	12.21	7.5	37.9	12.23	7.5	37.8	—	—	—
4	12.31	7.0	37.1	12.31	7.0	37.1	—	—	—
5	14.98	6.3	37.0	14.98	6.3	37.0	—	—	—
Machine feeders and offbearers	9.14	7.0	39.0	9.14	7.0	39.0	—	—	—
1	9.89	6.4	40.0	9.89	6.4	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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Freight, stock, and material handlers, n.e.c.	\$10.73	5.1	37.3	\$10.73	5.1	37.3	—	—	—
1	9.51	4.3	36.3	9.51	4.3	36.3	—	—	—
2	9.15	4.3	36.4	9.15	4.3	36.4	—	—	—
3	14.71	11.7	38.5	14.71	11.7	38.5	—	—	—
Garage and service station related									
3	12.70	19.6	38.5	12.70	19.6	38.5	—	—	—
Vehicle washers and equipment cleaners	9.40	9.3	38.9	9.40	9.3	38.9	—	—	—
1	8.51	6.4	38.2	8.51	6.4	38.2	—	—	—
Hand packers and packagers	8.77	7.3	38.4	8.77	7.3	38.4	—	—	—
1	8.00	7.5	38.2	8.00	7.5	38.2	—	—	—
2	10.76	12.4	36.8	10.76	12.4	36.8	—	—	—
4	10.15	3.8	38.4	10.15	3.8	38.4	—	—	—
Laborers, except construction, n.e.c.	9.64	4.6	37.1	9.56	4.7	37.3	\$11.61	8.1	33.3
1	8.14	9.1	35.5	8.18	9.2	35.8	—	—	—
2	9.30	5.7	38.0	9.30	5.7	38.5	—	—	—
3	11.99	4.8	39.3	11.95	5.4	39.2	12.23	8.5	40.0
4	11.36	9.9	37.3	11.35	10.0	37.3	—	—	—
5	12.17	8.7	40.0	11.50	8.9	40.0	—	—	—
Service	9.29	4.5	29.1	8.26	4.0	27.7	13.31	3.2	36.5
1	6.68	3.5	23.4	6.59	4.1	23.2	8.06	7.5	28.6
2	7.38	6.6	28.7	6.78	6.1	27.7	9.48	4.1	32.9
3	8.49	3.6	29.9	8.20	4.0	29.5	10.80	4.0	34.4
4	10.11	2.2	36.0	9.61	1.7	35.6	11.76	4.3	37.5
5	11.84	4.3	36.5	11.25	5.0	35.3	13.11	3.5	39.4
6	12.56	4.3	40.4	11.96	6.0	40.5	13.47	4.5	40.1
7	17.19	4.0	30.8	—	—	—	18.36	2.0	41.9
8	18.83	5.3	40.0	18.04	5.4	38.1	19.65	9.1	42.2
9	19.32	3.6	39.9	—	—	—	19.28	3.6	39.9
10	22.91	4.1	43.0	—	—	—	22.91	4.1	43.0
Protective service	15.13	5.4	37.6	8.95	12.8	30.6	16.86	4.3	40.2
2	7.04	16.3	28.1	—	—	—	11.94	6.1	36.6
3	9.45	6.1	30.5	8.66	5.1	33.5	—	—	—
4	13.06	7.2	35.8	11.63	5.9	37.6	14.03	9.4	34.7
5	12.16	1.9	40.7	—	—	—	12.09	1.9	41.1
6	13.33	4.2	40.4	—	—	—	13.49	4.7	40.4
7	17.70	3.2	42.6	—	—	—	17.79	3.3	42.7
8	19.78	9.2	41.1	—	—	—	19.91	9.5	42.4
9	19.30	3.6	39.9	—	—	—	19.28	3.6	39.9
10	22.77	4.3	43.3	—	—	—	22.77	4.3	43.3
Supervisors, firefighters and fire prevention	18.52	9.7	49.7	—	—	—	—	—	—
Supervisors, police and detectives	23.81	2.4	40.0	—	—	—	23.81	2.4	40.0
9	23.37	2.4	40.0	—	—	—	23.37	2.4	40.0
Supervisors, guards	18.79	10.3	40.0	—	—	—	—	—	—
Firefighting	13.97	4.2	46.1	—	—	—	13.97	4.2	46.1
7	15.10	5.6	51.6	—	—	—	15.10	5.6	51.6
Police and detectives, public service	18.79	3.9	39.8	—	—	—	18.72	3.9	39.8
6	15.18	4.5	40.2	—	—	—	15.18	4.5	40.2
7	19.00	2.8	39.6	—	—	—	19.00	2.8	39.6
9	18.29	3.4	39.9	—	—	—	18.29	3.4	39.9
Sheriffs, bailiffs, and other law enforcement officers	16.79	3.2	37.8	—	—	—	16.79	3.2	37.8
7	17.18	3.6	40.0	—	—	—	17.18	3.6	40.0
Correctional institution officers	14.38	7.7	39.2	—	—	—	14.38	7.7	39.2
6	13.20	5.3	37.3	—	—	—	13.20	5.3	37.3
Guards and police, except public service	8.89	12.4	31.3	8.50	12.7	30.7	12.99	13.6	39.6
3	9.48	6.6	35.2	8.81	5.4	33.4	—	—	—
5	12.29	4.4	39.5	—	—	—	—	—	—

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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Protective service, n.e.c.	\$8.15	9.1	19.9	—	—	—	—	—	—
2	6.98	4.2	22.7	—	—	—	—	—	—
Food service	7.06	3.3	25.1	\$6.98	3.4	25.1	\$8.74	5.1	24.7
1	6.00	5.9	20.9	5.89	6.6	20.8	7.88	7.0	23.4
2	5.89	9.4	26.0	5.61	9.5	26.3	9.22	5.7	23.1
3	7.52	7.3	25.7	7.48	7.5	25.6	9.21	6.8	36.4
4	8.67	4.2	33.1	8.65	4.3	33.1	—	—	—
5	10.72	4.0	39.9	10.70	4.1	40.1	—	—	—
Waiters, waitresses, and bartenders	4.85	10.8	22.5	4.85	10.8	22.5	—	—	—
1	4.52	13.2	18.5	4.52	13.2	18.5	—	—	—
2	3.76	12.6	27.9	3.75	12.6	27.9	—	—	—
3	6.69	20.4	24.6	6.69	20.4	24.6	—	—	—
4	5.34	23.0	30.6	5.34	23.0	30.6	—	—	—
Bartenders	8.27	13.8	25.5	8.27	13.8	25.5	—	—	—
Waiters and waitresses	3.74	8.2	22.7	3.74	8.2	22.7	—	—	—
1	4.09	17.7	19.0	4.09	17.7	19.0	—	—	—
2	3.34	8.0	27.9	3.34	8.0	27.9	—	—	—
3	3.63	11.1	24.8	3.63	11.1	24.8	—	—	—
Waiters/Waitresses' assistants	6.15	6.3	17.6	6.15	6.3	17.6	—	—	—
1	5.95	6.5	16.4	5.95	6.5	16.4	—	—	—
Other food service	8.01	2.7	26.4	7.96	2.9	26.5	8.76	5.1	24.8
1	6.84	2.2	22.5	6.75	2.3	22.5	7.88	7.0	23.4
2	7.32	4.9	24.9	7.04	3.9	25.2	9.29	5.4	23.3
3	7.87	6.5	26.3	7.83	6.7	26.1	9.21	6.8	36.4
4	8.96	4.1	33.3	8.95	4.2	33.4	—	—	—
5	10.94	3.7	40.1	10.92	3.8	40.3	—	—	—
Supervisors, food preparation and service	10.06	8.5	36.6	10.03	8.6	36.7	—	—	—
4	8.45	7.1	27.3	8.45	7.1	27.3	—	—	—
5	12.53	6.2	42.5	12.58	6.7	44.0	—	—	—
Cooks	8.57	5.8	28.6	8.58	6.0	28.5	8.43	2.8	31.3
1	6.80	6.0	26.5	6.70	6.4	27.2	7.61	1.9	22.2
2	7.32	6.2	27.8	7.29	6.2	27.5	7.70	5.7	33.7
3	8.02	10.2	23.6	7.98	10.6	23.2	8.81	4.2	36.7
4	9.07	6.1	35.5	9.05	6.2	35.6	—	—	—
5	10.68	4.7	39.7	10.69	4.8	39.7	—	—	—
Food counter, fountain, and related	7.12	5.0	26.8	7.10	5.2	27.0	—	—	—
1	6.60	6.1	23.2	6.60	6.2	23.2	—	—	—
Kitchen workers, food preparation	7.98	4.3	25.7	7.57	3.9	26.9	10.42	2.8	20.1
1	7.60	5.5	23.9	7.32	5.0	24.6	—	—	—
2	8.05	10.4	26.8	7.17	7.9	30.6	—	—	—
Food preparation, n.e.c.	6.97	2.9	22.7	6.87	2.9	22.5	8.09	7.1	24.6
1	6.77	2.6	21.8	6.69	2.5	21.6	7.57	8.1	24.6
2	6.95	6.2	22.9	6.67	5.6	22.7	9.09	8.0	24.5
3	7.93	6.5	27.3	7.93	6.5	27.3	—	—	—
Health service	9.82	9.2	29.7	9.83	10.6	28.8	9.75	2.6	36.2
1	7.68	5.9	27.3	7.64	5.2	26.9	—	—	—
2	9.12	3.7	32.1	9.01	4.1	30.9	9.36	4.6	35.2
3	8.32	4.1	29.8	8.27	4.2	29.7	9.28	7.8	32.5
4	10.05	2.3	36.3	10.06	3.3	34.9	—	—	—
5	10.87	5.8	38.0	10.42	5.6	36.6	—	—	—
Health aides, except nursing	9.41	4.8	27.3	9.18	4.6	26.6	—	—	—
1	7.87	4.3	26.0	7.87	4.3	26.0	—	—	—
2	9.43	13.9	33.7	9.39	14.4	34.0	—	—	—
3	8.28	5.2	22.1	8.25	5.2	22.1	—	—	—
4	10.79	3.9	38.3	10.79	3.9	38.3	—	—	—
5	10.96	5.4	37.6	10.47	5.7	36.4	—	—	—
Nursing aides, orderlies and attendants	8.79	3.3	31.9	8.61	3.4	31.2	9.63	3.0	36.0
1	7.64	7.0	27.6	7.58	6.4	27.2	—	—	—
2	9.10	3.9	32.0	8.98	4.2	30.6	9.35	4.6	35.3
3	8.33	4.1	31.1	8.27	4.3	31.0	9.24	7.8	32.7
4	9.99	2.4	36.1	9.98	3.5	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 2000—Continued

Occupations and level	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Cleaning and building service	\$9.76	8.9	32.7	\$8.77	5.9	30.8	\$12.50	6.2	39.2
1	7.40	2.6	28.1	7.32	2.7	27.5	8.49	10.2	39.3
2	9.21	2.6	33.6	8.79	2.3	30.8	9.76	4.3	38.3
3	10.40	2.7	38.4	9.56	4.0	37.9	11.89	5.3	39.3
4	11.83	4.7	37.8	11.40	6.5	36.6	12.54	4.3	40.0
5	11.36	14.4	36.3	—	—	—	15.09	7.5	39.2
6	12.38	8.4	39.9	12.31	8.5	39.9	—	—	—
Supervisors, cleaning and building service workers	14.07	14.3	38.3	11.61	10.7	37.8	19.73	4.3	39.7
4	10.83	8.8	34.7	—	—	—	—	—	—
6	12.35	8.6	40.0	12.35	8.6	40.0	—	—	—
Maids and housemen	7.24	3.2	29.4	7.24	3.2	29.3	—	—	—
1	6.99	2.6	29.1	6.98	2.6	29.0	—	—	—
2	8.28	2.9	28.2	8.28	2.9	28.2	—	—	—
Janitors and cleaners	9.70	3.6	32.9	8.94	3.5	30.4	11.13	2.9	39.1
1	7.73	3.4	27.3	7.63	3.7	26.2	8.55	11.1	39.3
2	9.52	3.6	35.0	9.21	3.5	31.5	9.76	4.3	38.3
3	10.75	3.0	38.2	9.96	3.2	37.4	11.89	5.3	39.3
4	11.89	5.3	38.1	11.44	7.1	36.9	12.63	4.6	40.0
5	14.66	6.6	40.0	—	—	—	15.26	9.0	40.0
Personal service	9.21	3.4	30.5	9.03	3.5	30.5	10.04	7.7	30.5
1	7.14	3.0	21.0	7.17	3.1	21.0	—	—	—
2	7.03	5.6	27.6	6.55	4.6	27.0	8.17	5.3	29.3
3	8.61	3.2	33.2	8.59	3.4	34.4	8.76	5.3	25.5
4	9.41	4.7	38.1	9.20	5.5	38.8	10.50	7.5	35.0
5	14.81	8.5	28.9	15.72	13.9	23.9	—	—	—
6	13.99	8.4	34.1	—	—	—	—	—	—
Supervisors, personal service	13.63	11.5	34.4	13.63	11.5	34.4	—	—	—
Attendants, amusement, and recreation facilities	7.69	5.2	33.5	7.69	5.2	33.5	—	—	—
1	7.33	6.4	19.5	7.33	6.4	19.5	—	—	—
Welfare service aides	8.59	8.4	28.2	7.85	7.7	28.8	—	—	—
2	7.70	2.4	17.6	7.69	2.4	17.6	—	—	—
3	8.11	10.2	31.9	7.89	9.7	34.7	—	—	—
Early childhood teachers' assistants	8.27	5.3	28.1	7.88	6.4	27.8	9.02	6.7	28.7
2	8.36	4.6	29.2	—	—	—	8.45	5.4	29.3
3	8.13	5.6	27.3	6.87	3.4	26.3	8.59	6.1	27.6
4	8.82	7.5	38.6	—	—	—	—	—	—
Child care workers, n.e.c.	10.38	11.2	29.4	8.54	5.9	25.6	12.63	4.6	35.8
1	7.33	4.7	15.7	7.31	4.9	15.4	—	—	—
Service, n.e.c.	8.69	2.5	34.4	8.67	2.6	34.3	—	—	—
1	7.79	7.4	30.3	7.99	7.2	30.9	—	—	—
2	6.45	1.8	24.8	6.62	2.7	23.5	—	—	—
4	10.57	6.2	36.0	10.57	8.1	35.2	—	—	—

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

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See the Technical Note for more information.

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

weighted by hours.

⁴ In this census division, collection was conducted between October 1999 and April 2001. The average reference period was August 2000.

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 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 1,500 establishments representing approximately 6,734,400 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 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 October 1999 and April 2001 with an average reference period of August 2000.

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

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 versus incentive job, depending on whether any part of pay was directly based on the actual production of the workers, 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 Bureau's field economist and the respondent, ranks and compares all selected establishment occupations using 10 leveling factors. For more information on occupational leveling and an example of how to use the criteria for leveling a job, see appendixes C and D of any published NCS locality bulletin or <http://www.bls.gov/ncs/ocs/compub.htm>. 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 in-

dicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. 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 \$15.80 per hour with a relative standard error of 1.2 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$15.49 to \$16.11 ($\$15.80 \times 1.645 \times 0.012 = \0.312 , round to \$0.31); $\$15.80 - .31 = \15.49 ; $\$15.80 + .31 = \16.11). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although they also 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 2000

Occupational group	All industries	Private industry	State and local government
All	6,734,400	5,653,200	1,081,200
All, excluding sales	5,987,900	4,908,800	1,079,100
White collar	3,344,700	2,585,500	759,100
White collar, excluding sales	2,598,200	1,841,200	757,000
Professional specialty and technical	1,151,400	681,300	470,100
Professional specialty occupations	882,100	451,200	430,900
Technical occupations	269,200	230,000	39,200
Executive, administrative, and managerial	452,300	370,500	81,800
Sales	746,500	744,400	2,100
Administrative support, including clerical	994,500	789,400	205,100
Blue collar	2,125,600	2,023,600	101,900
Precision production, craft, and repair	637,500	596,100	41,400
Machine operators, assemblers, and inspectors	491,900	491,800	-
Transportation and material moving	423,000	384,000	39,000
Handlers, equipment cleaners, helpers, and laborers	573,200	551,700	21,500
Service	1,264,200	1,044,100	220,100

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

² A classification system including about 480 individual

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

³ In this census division, collection was conducted between October 1999 and April 2001. The average reference period was August 2000.

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 2000

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	1,500	569	581	152	104	51	43
Private Industry	1,299	541	496	123	80	28	31
Goods-producing industries	356	113	151	50	18	8	16
Mining	6	5	1	—	—	—	—
Construction	67	45	18	3	1	—	—
Manufacturing	283	63	132	47	17	8	16
Durable goods	172	38	78	29	12	6	9
Nondurable goods	111	25	54	18	5	2	7
Service-producing industries	943	428	345	73	62	20	15
Transportation and utilities	105	40	31	12	12	2	8
Wholesale trade	67	40	19	7	1	—	—
Retail trade	225	134	79	10	2	—	—
Finance, insurance and real estate	104	62	18	5	11	3	5
Services	442	152	198	39	36	15	2
State and local government	201	28	85	29	24	23	12

¹ In this census division, collection was conducted between October 1999 and April 2001. The average reference period was August 2000.

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.