

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



U.S. Department of Labor
Elaine L. Chao, Secretary

Bureau of Labor Statistics
Kathleen P. Utgoff, Commissioner

January 2003

Bulletin 2553-3

Preface

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

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

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

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

For additional information regarding this survey,

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

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

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.

Contents

Page

Occupational Wages in the East North Central Census Division, December 2000	1
---	---

Tables:

Table 1. Summary, East North Central: Mean hourly earnings and weekly hours by selected characteristics, private industry and State and local government	3
Table 2. Summary, East North Central: Mean hourly earnings and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas	4
Table 3. Selected occupations, East North Central: Mean hourly earnings and weekly hours for full-time and part-time workers	5
Table 4. Selected occupations, East North Central, private industry: Mean hourly earnings for full-time and part-time workers	12
Table 5. Selected occupations, East North Central, State and local government: Mean hourly earnings and weekly hours for full-time and part-time workers	18
Table 6. Occupations and levels, East North Central: Mean hourly earnings and weekly hours, private industry and State and local government	22
Technical Note	46
Table A. Number of workers represented by the survey, by occupational group, East North Central.....	48
Table B. Number of establishments studied by industry group and establishment employment size, East North Central	49

Occupational Wages in the East North Central Census Division, December 2000

This bulletin provides December 2000 National Compensation Survey (NCS) estimates of occupational pay in the East 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 East North Central census division averaged \$16.08 per hour in December 2000. Workers in private industry in the East North Central region averaged \$15.32 per hour, while pay of workers in State and local government averaged \$21.53 per hour. The nationwide hourly average for all workers covered by the survey was \$16.23.

Table 1 provides an overview of average pay for workers in private industry and State and local government by selected worker and establishment characteristics. For example, white-collar workers in private industry averaged \$18.15 per hour; blue-collar workers averaged \$14.54, and service workers, \$8.62. Corresponding averages in State and local government were \$24.68, \$16.88, and \$15.54. 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 East North Central region averaged \$16.92 per hour, while part-time workers averaged \$9.09. In private industry, full-time workers averaged \$16.16 an hour and part-time workers averaged \$8.76. For workers in State and local government, average hourly pay was \$22.03 and \$13.57, 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 \$23.12 per hour. Work-

ers in the smallest establishments (1 to 99 employees) averaged \$13.17.

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 \$19.28 per hour, blue-collar workers averaged \$14.66, and service workers \$9.88. Corresponding averages in nonmetropolitan areas were \$18.74, \$14.39, and \$10.96. See the Technical Note for definitions of metropolitan and nonmetropolitan areas.

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

Full-time, part-time, and combined average pay rates for occupations in private industry and in State and local governments in the East North Central region are shown in tables 3, 4, and 5. These tables contain wage rates and mean weekly hours for individual occupations and for the major occupational groups. For example, all registered nurses averaged \$21.47 per hour (table 3). Registered nurses in private industry averaged \$21.30 (table 4), while their counterparts in State and local government averaged \$22.68 per hour (table 5). Laborers, except construction, averaged \$10.20 in private industry and \$13.25 in State and local government. Janitors and cleaners, a service occupation, averaged \$9.24 in private industry and \$12.28 in State and local government.

Earnings by occupational group and work level are shown in table 6. Generally, earnings increased as work levels became higher. For example, mean hourly earnings for white-collar workers ranged from \$7.22 at level 1 to \$73.84 at level 15. For blue-collar workers, mean hourly earnings ranged from \$8.39 at level 1 to \$26.03 at level 9. Mean hourly earnings for service workers ranged from \$6.93 at level 1 to \$27.82 at level 10. The Bureau of Labor Statistics 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 East 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 East 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, East North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² December 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	\$16.08	2.5	35.8	\$15.32	2.6	35.8	\$21.53	2.2	35.9
Worker characteristics:⁴									
White-collar occupations ⁵	19.24	3.6	35.9	18.15	4.1	36.0	24.68	2.3	35.7
Professional specialty and technical ...	25.46	1.9	35.0	23.62	2.8	35.0	29.52	2.2	34.8
Executive, administrative, and managerial	28.44	3.3	39.6	28.06	3.0	39.8	30.47	6.6	38.4
Sales	15.54	7.5	34.0	15.54	7.5	34.0	13.18	9.4	26.5
Administrative support	12.28	3.7	36.6	12.16	4.1	36.6	12.99	2.5	36.5
Blue-collar occupations ⁵	14.63	2.5	38.0	14.54	2.6	38.0	16.88	2.2	36.5
Precision production, craft, and repair	17.89	4.9	39.7	17.82	5.2	39.7	18.99	3.0	39.6
Machine operators, assemblers, and inspectors	13.58	4.0	39.5	13.58	4.0	39.5	15.54	11.4	39.6
Transportation and material moving ...	14.22	3.9	35.9	14.06	4.3	36.4	15.80	2.7	31.6
Handlers, equipment cleaners, helpers, and laborers	11.33	2.8	34.2	11.16	3.0	34.0	14.53	4.6	38.5
Service occupations ⁵	9.97	2.3	31.1	8.62	4.2	30.1	15.54	2.9	36.1
Full time	16.92	2.9	39.6	16.16	3.1	39.8	22.03	2.3	38.4
Part time	9.09	1.8	19.9	8.76	1.9	20.1	13.57	3.5	17.8
Union	19.31	1.6	37.3	18.16	2.5	37.4	21.54	2.8	36.9
Nonunion	15.14	3.1	35.4	14.73	3.0	35.5	21.52	7.7	34.3
Time	15.73	2.3	35.6	14.86	2.3	35.6	21.53	2.2	35.9
Incentive	22.67	11.5	39.3	22.67	11.5	39.3	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	17.37	2.9	39.3	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	14.25	3.6	34.2	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	13.17	2.6	35.1	13.13	2.6	35.1	17.71	3.4	35.6
100 to 499 workers	16.08	4.4	36.1	15.51	5.2	36.2	20.21	4.3	34.8
500 to 999 workers	17.65	2.4	36.9	16.52	2.5	37.3	21.29	3.7	35.8
1,000 to 2,499 workers	19.66	3.0	35.7	19.10	3.1	36.0	21.89	4.1	34.2
2,500 workers or more	23.12	3.2	37.1	23.34	3.4	36.9	22.80	3.6	37.4
Geographic areas:⁸									
Metropolitan	16.12	2.7	35.8	15.37	2.8	35.8	22.41	2.0	35.8
Nonmetropolitan	15.68	3.1	36.5	14.48	3.9	36.5	18.11	5.7	36.6
New England	17.54	1.7	35.4	16.88	2.4	35.4	23.06	1.6	35.5
Middle Atlantic	18.72	3.2	34.7	17.88	3.9	34.5	23.42	1.7	35.4
East North Central	16.08	2.5	35.8	15.32	2.6	35.8	21.53	2.2	35.9
West North Central	14.99	3.5	35.4	14.14	3.4	35.1	19.49	2.9	37.0
South Atlantic	15.24	2.6	36.5	14.66	3.4	36.2	18.12	1.6	38.1
East South Central	-	-	-	-	-	-	-	-	-
West South Central	15.07	3.5	36.9	14.57	4.2	36.6	17.46	1.8	38.3
Mountain	14.70	3.6	35.7	13.78	4.1	35.5	20.22	2.8	37.3
Pacific	17.64	1.7	35.6	16.52	2.3	35.5	23.70	1.4	35.7

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

² In this census division, collection was conducted between March 2000 and January 2002. The average reference period was December 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 eight census divisions. Average hourly earnings and mean weekly hours for the East South Central census division did not meet publishability standards. See Technical Note for a list of States comprising the nine census divisions.

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

TABLE 2. Summary, East North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ December 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	\$16.08	2.5	35.8	\$16.12	2.7	35.8	\$15.68	3.1	36.5
Private Industry	15.32	2.6	35.8	15.37	2.8	35.8	14.48	3.9	36.5
State and local government	21.53	2.2	35.9	22.41	2.0	35.8	18.11	5.7	36.6
Worker characteristics:⁵									
White-collar occupations ⁶	19.24	3.6	35.9	19.28	3.9	35.9	18.74	3.1	36.6
Professional specialty and technical ...	25.46	1.9	35.0	25.58	2.2	34.9	24.31	5.7	36.0
Executive, administrative, and managerial	28.44	3.3	39.6	28.62	3.5	39.6	25.39	6.0	39.2
Sales	15.54	7.5	34.0	15.65	7.6	34.1	9.90	9.4	29.7
Administrative support	12.28	3.7	36.6	12.22	3.9	36.5	12.89	6.1	37.6
Blue-collar occupations ⁶	14.63	2.5	38.0	14.66	2.8	38.0	14.39	4.9	38.3
Precision production, craft, and repair Machine operators, assemblers, and inspectors	17.89	4.9	39.7	17.89	5.2	39.7	17.77	3.5	39.8
Transportation and material moving ...	13.58	4.0	39.5	13.51	4.4	39.5	14.16	7.6	39.8
Handlers, equipment cleaners, helpers, and laborers	14.22	3.9	35.9	14.24	4.0	36.1	13.77	8.2	31.5
Service occupations ⁶	11.33	2.8	34.2	11.36	3.0	34.1	10.99	5.8	35.4
Full time	9.97	2.3	31.1	9.88	2.5	31.0	10.96	6.0	32.6
Part time	16.92	2.9	39.6	16.98	3.2	39.6	16.23	3.3	39.1
Union	9.09	1.8	19.9	9.07	1.9	19.9	9.34	6.4	20.7
Nonunion	19.31	1.6	37.3	19.41	1.7	37.2	18.61	4.9	37.8
Time	15.14	3.1	35.4	15.21	3.3	35.4	14.04	3.9	35.8
Incentive	15.73	2.3	35.6	15.72	2.5	35.6	15.75	3.2	36.4
	22.67	11.5	39.3	23.20	11.5	39.3	-	-	-
Establishment characteristics:									
Goods producing ⁷	17.37	2.9	39.3	17.56	3.2	39.2	15.60	5.3	39.9
Service producing ⁷	14.25	3.6	34.2	14.30	3.7	34.3	12.97	3.2	32.6
1 to 99 workers ⁸	13.17	2.6	35.1	13.12	2.6	35.1	14.93	2.4	36.7
100 to 499 workers	16.08	4.4	36.1	16.29	5.1	36.2	14.96	2.8	35.4
500 to 999 workers	17.65	2.4	36.9	17.94	2.6	36.7	16.02	7.9	38.4
1,000 to 2,499 workers	19.66	3.0	35.7	19.56	3.2	35.3	-	-	-
2,500 workers or more	23.12	3.2	37.1	23.12	3.2	37.1	-	-	-
Geographic areas:⁹									
New England	17.54	1.7	35.4	17.69	1.6	35.4	15.57	6.9	34.7
Middle Atlantic	18.72	3.2	34.7	18.77	3.3	34.6	16.63	6.5	36.0
East North Central	16.08	2.5	35.8	16.12	2.7	35.8	15.68	3.1	36.5
West North Central	14.99	3.5	35.4	15.46	4.0	35.0	12.93	4.0	36.9
South Atlantic	15.24	2.6	36.5	15.46	2.8	36.4	13.34	4.8	37.5
East South Central	-	-	-	-	-	-	-	-	-
West South Central	15.07	3.5	36.9	15.12	3.8	36.9	14.45	3.1	36.8
Mountain	14.70	3.6	35.7	14.41	3.9	35.6	17.56	3.4	36.9
Pacific	17.64	1.7	35.6	17.63	1.7	35.5	-	-	-

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

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

³ In this census division, collection was conducted between March 2000 and January 2002. The average reference period was December 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 Data are presented for eight census divisions. Average hourly earnings and mean weekly hours previously published for the East South Central census division did not meet publishability standards. See Technical Note for a list of States comprising the nine census divisions.

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

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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	\$16.08	2.5	35.8	\$16.92	2.9	39.6	\$9.09	1.8	19.9
All, excluding sales	16.14	2.5	36.0	16.84	2.8	39.5	9.53	2.0	19.6
White collar	19.24	3.6	35.9	20.14	4.1	39.5	11.20	3.2	19.9
White collar, excluding sales	20.17	3.2	36.4	20.66	3.4	39.3	14.10	3.5	19.1
Professional specialty and technical	25.46	1.9	35.0	26.04	2.0	38.6	19.27	3.9	17.5
Professional specialty	26.90	2.1	34.8	27.55	2.1	38.5	20.20	4.9	17.5
Engineers, architects, and surveyors	31.56	6.2	40.4	31.57	6.2	40.5	-	-	-
Metallurgical and materials engineers	32.87	6.2	40.0	32.87	6.2	40.0	-	-	-
Chemical engineers	37.30	10.2	40.0	37.30	10.2	40.0	-	-	-
Civil engineers	23.62	9.3	39.7	23.62	9.3	39.7	-	-	-
Electrical and electronic engineers	38.64	11.4	42.7	38.64	11.4	42.7	-	-	-
Industrial engineers	29.16	3.4	40.2	29.19	3.4	40.4	-	-	-
Mechanical engineers	27.47	5.7	40.1	27.47	5.7	40.1	-	-	-
Engineers, n.e.c.	33.37	2.7	40.0	33.37	2.7	40.0	-	-	-
Mathematical and computer scientists	28.47	4.0	39.6	28.47	4.0	39.6	-	-	-
Computer systems analysts and scientists	28.02	4.6	39.7	28.02	4.6	39.7	-	-	-
Operations and systems researchers and analysts	29.72	4.5	39.5	29.72	4.5	39.5	-	-	-
Natural scientists	23.91	5.8	39.5	23.98	5.9	39.8	-	-	-
Chemists, except biochemists	29.06	8.3	40.0	29.06	8.3	40.0	-	-	-
Physical scientists, n.e.c.	26.02	9.0	39.2	26.06	9.2	40.0	-	-	-
Biological and life scientists	26.07	8.3	39.2	-	-	-	-	-	-
Medical scientists	15.92	12.6	38.7	15.88	12.8	38.9	-	-	-
Health related	23.36	2.1	32.8	23.41	2.5	39.3	23.16	3.6	19.7
Physicians	38.53	10.6	38.7	36.38	12.0	42.2	-	-	-
Registered nurses	21.47	1.8	32.1	21.50	2.1	39.0	21.35	2.0	20.3
Pharmacists	33.43	3.8	31.9	33.02	4.5	40.0	35.08	2.0	17.5
Dietitians	17.91	3.7	31.3	17.11	5.3	39.9	19.97	1.5	20.1
Respiratory therapists	18.16	3.4	35.1	18.03	3.8	39.2	19.05	5.7	20.8
Occupational therapists	23.34	5.1	23.7	22.03	2.2	40.0	24.89	8.5	16.0
Physical therapists	22.54	7.3	37.3	-	-	-	29.06	5.5	16.8
Speech therapists	29.67	8.5	34.9	30.01	9.3	37.9	24.59	6.5	15.8
Therapists, n.e.c.	18.23	8.3	33.9	18.48	9.0	38.9	14.89	4.6	12.4
Teachers, college and university	38.11	4.6	33.5	38.99	4.5	39.0	25.38	4.3	11.0
Biological science teachers	32.43	10.0	34.2	35.49	7.7	38.4	-	-	-
Chemistry teachers	38.48	5.2	32.9	39.39	4.6	39.0	-	-	-
Engineering teachers	54.29	19.5	36.5	54.41	19.5	38.2	-	-	-
Mathematical science teachers	41.87	6.1	36.4	42.22	5.6	39.1	-	-	-
Computer science teachers	35.19	24.0	28.4	-	-	-	-	-	-
Medical science teachers	45.97	13.3	48.1	45.97	13.3	48.1	-	-	-
Health specialties teachers	36.39	14.6	39.0	36.50	14.9	41.4	30.11	11.5	8.4
Business, commerce, and marketing teachers ..	38.49	9.6	27.9	39.30	10.4	41.1	31.94	13.2	7.7
Art, drama, and music teachers	28.10	10.8	34.6	28.12	11.5	39.0	27.66	6.5	11.4
Education teachers	42.35	6.3	36.9	42.35	6.3	37.0	-	-	-
English teachers	43.51	17.9	36.9	43.85	18.0	38.8	-	-	-
Foreign language teachers	31.00	9.0	29.2	31.90	9.4	36.4	-	-	-
Theology teachers	28.35	9.4	40.4	28.35	9.4	40.4	-	-	-
Trade and industrial teachers	28.92	23.1	21.3	-	-	-	-	-	-
Other post-secondary teachers	31.84	9.1	25.6	33.84	12.3	36.8	25.77	4.6	13.3
Teachers, except college and university	27.87	4.3	33.6	28.80	4.0	36.1	15.94	13.1	17.8
Prekindergarten and kindergarten	12.58	9.5	36.2	13.11	11.2	39.3	-	-	-
Elementary school teachers	30.97	2.8	34.9	31.01	2.8	35.5	29.42	12.2	20.9
Secondary school teachers	32.35	3.8	36.2	32.37	3.8	36.2	22.76	8.1	24.0
Teachers, special education	29.40	5.6	35.5	29.48	5.6	35.9	-	-	-
Teachers, n.e.c.	30.34	7.5	27.1	31.92	7.5	34.4	19.48	11.7	11.0
Substitute teachers	11.19	10.7	15.9	-	-	-	11.18	10.9	15.7
Vocational and educational counselors	23.93	9.6	36.3	24.15	10.3	37.7	-	-	-
Librarians, archivists, and curators	21.43	6.3	36.0	21.89	6.2	38.6	15.71	5.5	19.8
Librarians	21.25	6.0	36.3	21.75	6.2	39.0	15.05	3.0	19.8
Archivists and curators	22.60	21.9	34.0	22.80	23.4	36.0	-	-	-
Social scientists and urban planners	22.17	11.4	34.9	21.87	12.0	39.5	-	-	-
Economists	21.18	11.0	39.8	21.18	11.0	39.8	-	-	-
Psychologists	24.21	15.1	37.4	23.86	16.3	39.4	-	-	-

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Social scientists and urban planners—Continued									
Urban planners	\$20.23	6.9	20.8	\$20.54	7.2	39.3	—	—	—
Social, recreation, and religious workers	16.30	3.7	36.2	16.47	4.0	39.0	—	—	—
Social workers	16.41	3.9	36.7	16.54	4.3	38.9	—	—	—
Recreation workers	14.12	11.9	26.8	15.24	11.7	39.1	\$9.47	20.3	11.6
Clergy	17.27	7.4	35.4	—	—	—	—	—	—
Lawyers and judges	49.73	11.4	38.4	50.49	11.5	39.8	—	—	—
Lawyers	49.92	11.5	38.4	50.70	11.6	39.8	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.56	6.1	30.4	23.30	6.2	38.6	17.50	20.6	12.3
Technical writers	18.79	7.9	39.5	18.79	7.9	39.5	—	—	—
Designers	23.90	12.3	38.2	24.00	12.4	38.4	—	—	—
Actors and directors	—	—	—	28.10	15.0	40.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	17.03	14.7	39.5	17.03	14.7	39.5	—	—	—
Photographers	21.15	12.0	36.9	20.38	11.2	39.8	—	—	—
Editors and reporters	22.17	11.2	39.2	22.09	11.1	39.4	—	—	—
Public relations specialists	22.43	10.1	34.4	22.54	10.3	40.3	—	—	—
Athletes	22.52	30.3	24.8	30.18	19.4	38.1	—	—	—
Professional, n.e.c.	26.35	6.3	39.8	26.35	6.3	39.8	—	—	—
Technical	20.14	3.2	35.5	20.54	3.5	39.1	15.59	5.7	17.6
Clinical laboratory technologists and technicians	16.92	4.9	34.7	17.01	4.8	39.8	16.27	10.3	18.5
Health record technologists and technicians	13.67	5.8	34.4	13.79	6.7	39.0	—	—	—
Radiological technicians	18.86	2.7	32.9	19.37	2.9	39.5	17.32	4.0	21.9
Licensed practical nurses	14.62	1.8	34.7	14.60	1.9	39.6	14.75	3.0	19.5
Health technologists and technicians, n.e.c.	14.32	4.0	31.4	14.62	4.2	39.8	12.14	6.6	12.4
Electrical and electronic technicians	21.77	2.2	39.2	21.93	2.1	40.0	—	—	—
Industrial engineering technicians	17.84	9.3	40.7	17.84	9.3	40.7	—	—	—
Mechanical engineering technicians	24.91	7.3	40.3	24.91	7.3	40.3	—	—	—
Engineering technicians, n.e.c.	20.40	6.7	39.5	20.45	6.7	39.8	—	—	—
Drafters	20.94	5.1	40.0	20.94	5.1	40.0	—	—	—
Biological technicians	17.49	14.5	29.8	—	—	—	—	—	—
Chemical technicians	17.37	11.8	39.5	17.39	12.0	40.0	—	—	—
Science technicians, n.e.c.	14.60	12.3	40.0	14.60	12.3	40.0	—	—	—
Airplane pilots and navigators	100.92	28.8	17.8	137.68	11.5	19.3	—	—	—
Broadcast equipment operators	13.89	11.3	36.6	14.64	12.5	39.9	—	—	—
Computer programmers	22.98	6.5	39.6	22.98	6.5	39.6	—	—	—
Legal assistants	20.39	5.6	38.3	20.52	5.6	39.1	—	—	—
Technical and related, n.e.c.	21.75	6.7	38.8	21.84	6.7	39.2	11.04	12.7	19.8
Executive, administrative, and managerial	28.44	3.3	39.6	28.58	3.3	40.4	18.16	7.0	16.0
Executives, administrators, and managers	31.03	3.2	40.1	31.23	3.2	40.9	—	—	—
Legislators	17.89	25.2	8.1	—	—	—	16.20	26.5	6.7
Administrators and officials, public administration	29.92	5.0	39.1	29.93	5.0	39.3	—	—	—
Financial managers	30.84	4.5	39.9	30.87	4.5	40.0	—	—	—
Personnel and labor relations managers	40.68	12.2	46.2	40.68	12.2	46.2	—	—	—
Purchasing managers	28.97	11.8	41.0	28.97	11.8	41.0	—	—	—
Managers, marketing, advertising, and public relations	35.52	12.9	40.8	35.52	12.9	40.8	—	—	—
Administrators, education and related fields	36.01	5.5	39.0	35.98	5.5	39.3	—	—	—
Managers, medicine and health	31.81	13.7	39.7	31.85	13.8	39.8	—	—	—
Managers, food servicing and lodging establishments	17.54	9.6	44.4	17.55	9.8	44.8	—	—	—
Managers, properties and real estate	27.77	20.7	39.6	27.97	20.6	40.0	—	—	—
Managers, service organizations, n.e.c.	22.60	11.1	33.7	23.97	11.4	40.0	—	—	—
Managers and administrators, n.e.c.	31.52	5.3	41.5	31.52	5.3	41.5	—	—	—
Management related	24.00	6.8	38.7	24.06	6.9	39.7	18.55	13.0	12.2
Accountants and auditors	21.61	2.2	39.7	21.60	2.3	39.8	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Executive, administrative, and managerial —Continued									
Management related —Continued									
Underwriters	\$19.51	8.7	38.3	\$19.51	8.7	38.3	—	—	—
Other financial officers	24.94	6.6	39.8	24.94	6.6	39.8	—	—	—
Management analysts	24.18	7.2	39.0	24.07	7.2	39.2	—	—	—
Personnel, training, and labor relations specialists	21.65	8.4	36.5	21.74	8.6	39.7	—	—	—
Buyers, wholesale and retail trade, except farm products	20.82	7.1	41.0	20.82	7.1	41.0	—	—	—
Purchasing agents and buyers, n.e.c.	30.27	9.6	39.8	30.27	9.6	39.8	—	—	—
Construction inspectors	22.51	7.5	39.5	22.53	7.5	39.8	—	—	—
Inspectors and compliance officers, except construction	19.54	3.8	39.1	19.54	3.8	39.1	—	—	—
Management related, n.e.c.	27.77	13.7	38.6	28.04	13.8	39.6	\$18.24	25.6	19.9
Sales	15.54	7.5	34.0	17.76	8.2	40.5	7.16	1.7	21.1
Supervisors, sales	15.60	4.3	40.7	15.61	4.4	40.8	—	—	—
Insurance sales	23.71	9.7	39.0	23.74	9.8	39.5	—	—	—
Real estate sales	17.45	9.0	32.7	18.12	9.8	38.9	—	—	—
Securities and financial services sales	46.38	10.8	42.6	46.38	10.8	42.6	—	—	—
Advertising and related sales	20.38	6.0	39.8	20.42	6.0	39.9	—	—	—
Sales, other business services	28.16	20.6	40.1	28.17	20.7	40.1	—	—	—
Sales engineers	48.73	13.1	41.0	48.73	13.1	41.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	29.99	15.5	40.9	29.99	15.5	40.9	—	—	—
Sales workers, motor vehicles and boats	16.79	9.2	45.2	16.79	9.2	45.2	—	—	—
Sales workers, apparel	7.94	7.0	23.0	8.99	6.2	39.1	7.40	4.3	19.0
Sales workers, furniture and home furnishings ..	15.50	26.0	32.4	20.29	23.7	42.5	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	13.03	22.4	28.5	—	—	—	—	—	—
Sales workers, hardware and building supplies ..	20.75	24.3	38.8	21.59	23.0	39.9	—	—	—
Sales workers, parts	13.27	6.1	40.2	13.38	6.2	40.7	—	—	—
Sales workers, other commodities	13.06	23.9	31.3	16.53	24.4	41.0	7.23	2.6	22.4
Sales counter clerks	7.42	3.9	31.4	7.36	4.9	39.0	7.57	3.6	20.5
Cashiers	7.40	2.2	27.0	7.94	3.1	38.6	6.86	1.7	20.8
Sales support, n.e.c.	10.69	10.7	33.3	12.84	4.3	42.0	6.71	4.8	24.1
Administrative support, including clerical	12.28	3.7	36.6	12.54	4.2	39.4	9.54	3.2	20.9
Supervisors, general office	17.59	10.3	38.7	17.48	10.6	39.1	—	—	—
Supervisors, computer equipment operators	26.38	16.1	39.0	26.38	16.1	39.0	—	—	—
Supervisors, financial records processing	18.79	6.5	39.1	18.79	6.5	39.1	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.48	5.5	39.7	17.53	5.6	40.4	—	—	—
Computer operators	16.07	5.2	39.3	16.12	5.2	39.6	—	—	—
Secretaries	13.65	3.0	38.4	13.73	2.9	39.4	11.47	6.1	22.2
Stenographers	12.95	3.6	34.8	13.53	3.7	38.7	10.95	4.2	25.8
Typists	12.78	6.9	36.6	12.85	7.1	38.2	11.86	15.6	23.5
Interviewers	8.94	7.2	27.5	10.02	4.9	40.0	—	—	—
Hotel clerks	8.15	4.4	34.2	8.06	5.0	39.9	—	—	—
Transportation ticket and reservation agents	13.36	6.0	34.0	—	—	—	11.82	5.6	20.7
Receptionists	10.18	5.5	36.1	10.49	5.3	39.9	7.57	10.5	19.8
Information clerks, n.e.c.	14.26	5.4	35.2	14.65	4.5	37.8	9.28	2.9	18.8
Order clerks	12.17	3.6	34.6	12.75	3.4	40.0	8.14	6.6	17.8
Personnel clerks, except payroll and timekeeping	14.07	6.4	38.7	14.07	6.4	38.8	—	—	—
Library clerks	10.44	6.2	27.0	11.11	9.0	38.6	9.11	8.5	16.8
File clerks	9.80	4.2	32.9	10.13	4.8	39.2	8.32	3.3	19.2
Records clerks, n.e.c.	12.62	5.4	37.0	12.98	4.8	39.1	8.58	7.9	23.6
Bookkeepers, accounting and auditing clerks ...	10.05	10.0	38.3	10.08	10.7	39.7	9.54	10.8	23.3
Payroll and timekeeping clerks	15.41	5.3	37.9	15.49	5.3	39.6	—	—	—
Billing clerks	12.05	3.5	31.1	12.30	4.4	39.4	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Billing, posting, and calculating machine operators	\$9.82	7.7	36.8	\$9.91	8.8	38.4	—	—	—
Telephone operators	12.47	8.3	32.5	13.12	7.9	38.7	\$9.22	3.7	18.1
Mail clerks, except postal service	10.22	5.3	31.5	10.96	4.6	38.6	7.61	2.4	19.1
Dispatchers	13.17	5.8	38.9	13.33	5.6	40.1	—	—	—
Production coordinators	17.49	6.0	39.9	17.49	6.0	39.9	—	—	—
Traffic, shipping and receiving clerks	12.13	10.8	39.6	12.14	10.9	40.0	—	—	—
Stock and inventory clerks	12.41	4.0	32.7	13.24	3.8	39.6	8.39	4.0	17.8
Meter readers	13.63	1.4	39.8	13.61	1.4	40.0	—	—	—
Weighers, measurers, checkers, and samplers	14.06	10.8	40.0	14.06	10.8	40.0	—	—	—
Expeditors	12.48	13.7	34.7	13.52	12.2	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	18.76	8.3	39.2	18.95	7.8	39.9	—	—	—
Insurance adjusters, examiners, and investigators	16.79	14.2	35.6	17.46	14.1	38.9	—	—	—
Investigators and adjusters, except insurance ...	13.16	7.7	39.0	13.20	7.9	39.7	—	—	—
Eligibility clerks, social welfare	14.53	4.5	40.0	14.53	4.5	40.0	—	—	—
Bill and account collectors	12.61	11.8	37.5	12.77	12.2	38.8	—	—	—
General office clerks	11.53	2.6	36.2	11.78	2.9	39.2	9.05	5.9	20.5
Bank tellers	9.26	2.9	33.3	9.52	3.0	39.4	8.32	4.5	21.5
Data entry keyers	11.23	5.1	36.8	11.43	5.5	39.4	9.25	3.2	22.1
Statistical clerks	12.18	7.8	37.7	12.25	8.0	39.7	—	—	—
Teachers' aides	10.52	4.6	32.5	10.79	5.3	35.5	9.41	5.0	24.3
Administrative support, n.e.c.	12.41	2.7	35.8	12.76	2.9	39.3	10.16	6.4	22.7
Blue collar	14.63	2.5	38.0	15.02	2.7	39.9	8.44	3.2	21.4
Precision production, craft, and repair	17.89	4.9	39.7	17.95	5.0	39.9	8.44	11.1	21.2
Automobile mechanics	15.30	11.2	40.3	15.30	11.2	40.3	—	—	—
Bus, truck, and stationary engine mechanics	18.02	2.6	40.0	18.02	2.6	40.1	—	—	—
Automobile body and related repairers	25.79	17.7	42.0	25.79	17.7	42.0	—	—	—
Aircraft mechanics, except engine	21.82	1.2	40.0	21.82	1.2	40.0	—	—	—
Heavy equipment mechanics	19.31	11.9	39.6	19.31	11.9	39.6	—	—	—
Industrial machinery repairers	19.33	2.7	39.9	19.33	2.8	40.0	—	—	—
Machinery maintenance	15.52	7.4	38.6	15.61	7.4	39.2	—	—	—
Electronic repairers, communications and industrial equipment	17.13	8.4	39.9	17.13	8.4	39.9	—	—	—
Household appliance and power tool repairers	12.97	15.5	36.7	12.92	16.2	38.5	—	—	—
Telephone installers and repairers	17.54	8.7	40.0	17.54	8.7	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.25	8.7	40.0	16.25	8.7	40.0	—	—	—
Mechanical controls and valve repairers	16.95	6.3	36.5	17.74	4.5	40.0	—	—	—
Millwrights	23.34	2.5	40.0	23.34	2.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.89	5.3	39.0	16.20	5.5	40.0	—	—	—
Supervisors, carpenters and related workers	23.15	6.1	40.0	23.15	6.1	40.0	—	—	—
Supervisors, electricians and power transmission installers	27.57	3.4	40.4	27.57	3.4	40.4	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	32.14	3.7	40.0	32.14	3.7	40.0	—	—	—
Supervisors, construction trades, n.e.c.	21.95	7.1	39.3	21.95	7.1	39.3	—	—	—
Brickmasons and stonemasons	24.16	7.9	39.2	24.16	7.9	39.2	—	—	—
Carpenters	20.33	8.2	40.0	20.33	8.2	40.0	—	—	—
Electricians	22.34	5.1	40.0	22.34	5.1	40.0	—	—	—
Electrician apprentices	14.80	13.5	40.0	14.80	13.5	40.0	—	—	—
Electrical power installers and repairers	25.31	4.4	40.0	25.31	4.4	40.0	—	—	—
Painters, construction and maintenance	20.28	7.4	40.0	20.28	7.4	40.0	—	—	—
Plumbers, pipefitters and steamfitters	23.55	3.4	39.9	23.55	3.4	39.9	—	—	—
Concrete and terrazzo finishers	23.26	9.7	40.0	23.26	9.7	40.0	—	—	—
Paving, surfacing, and tamping equipment operators	20.67	13.8	40.0	20.67	13.8	40.0	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Construction trades, n.e.c.	\$18.59	11.4	39.3	\$18.59	11.4	39.3	—	—	—
Supervisors, production	20.55	2.9	40.5	20.55	2.9	40.5	—	—	—
Tool and die makers	23.74	3.0	40.3	23.74	3.0	40.3	—	—	—
Tool and die maker apprentices	18.79	13.1	39.6	18.79	13.1	39.6	—	—	—
Precision assemblers, metal	19.88	7.2	40.0	19.88	7.2	40.0	—	—	—
Machinists	18.04	6.2	39.9	18.02	6.3	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	16.83	9.7	40.0	16.83	9.7	40.0	—	—	—
Patternmakers and modelmakers, metal	19.96	11.8	40.0	19.96	11.8	40.0	—	—	—
Sheet metal workers	23.99	7.4	40.0	23.99	7.4	40.0	—	—	—
Cabinet makers and bench carpenters	12.40	16.7	39.7	12.40	16.7	39.7	—	—	—
Electrical and electronic equipment assemblers	10.41	9.0	39.7	10.43	9.1	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.89	5.3	40.0	16.89	5.3	40.0	—	—	—
Butchers and meat cutters	10.26	14.9	37.3	10.64	17.5	40.0	—	—	—
Bakers	12.17	8.3	34.1	12.66	7.8	38.6	\$8.85	3.7	19.1
Food batchmakers	12.84	7.4	40.0	12.84	7.4	40.0	—	—	—
Inspectors, testers, and graders	18.22	9.0	40.1	18.22	9.0	40.1	—	—	—
Water and sewer treatment plant operators	17.79	4.6	40.0	17.79	4.6	40.0	—	—	—
Stationary engineers	22.92	5.8	39.6	22.92	5.8	39.6	—	—	—
Machine operators, assemblers, and inspectors									
Lathe and turning machine set-up operators	15.75	4.1	40.0	15.75	4.1	40.0	8.51	2.9	25.5
Lathe and turning machine operators	15.11	6.5	40.0	15.11	6.5	40.0	—	—	—
Milling and planing machine operators	13.83	13.8	39.5	13.83	13.8	39.5	—	—	—
Punching and stamping press operators	12.41	11.5	37.8	12.72	10.6	40.0	—	—	—
Rolling machine operators	14.70	7.9	40.0	14.70	7.9	40.0	—	—	—
Drilling and boring machine operators	14.28	6.0	40.0	14.28	6.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.62	3.8	38.2	13.89	3.0	39.9	—	—	—
Forging machine operators	14.73	5.2	40.0	14.73	5.2	40.0	—	—	—
Numerical control machine operators	14.84	3.7	40.0	14.84	3.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	15.78	4.9	39.9	15.78	4.9	39.9	—	—	—
Molding and casting machine operators	10.75	3.5	39.7	10.77	3.6	39.9	—	—	—
Metal plating machine operators	13.70	7.8	38.1	13.70	7.8	38.1	—	—	—
Heat treating equipment operators	13.92	9.0	40.0	13.92	9.0	40.0	—	—	—
Printing press operators	13.42	4.7	39.6	13.43	4.8	39.7	—	—	—
Photoengravers and lithographers	17.80	6.9	39.1	17.80	6.9	39.1	—	—	—
Typesetters and compositors	12.61	8.2	39.4	12.61	8.2	39.4	—	—	—
Textile sewing machine operators	8.53	5.5	39.4	8.52	5.5	40.0	—	—	—
Laundering and dry cleaning machine operators	7.89	3.3	36.5	7.90	3.3	37.6	—	—	—
Packaging and filling machine operators	15.08	8.9	38.8	15.21	8.7	39.9	—	—	—
Mixing and blending machine operators	16.33	4.7	42.4	16.34	4.7	42.7	—	—	—
Separating, filtering, and clarifying machine operators	15.71	7.3	40.1	15.71	7.3	40.1	—	—	—
Compressing and compacting machine operators	11.75	5.8	40.0	11.75	5.8	40.0	—	—	—
Painting and paint spraying machine operators	13.03	3.8	39.8	13.03	3.8	39.8	—	—	—
Washing, cleaning, and pickling machine operators	10.83	8.9	40.0	10.83	8.9	40.0	—	—	—
Furnace, kiln, and oven operators, except food	17.79	7.8	39.9	17.79	7.8	39.9	—	—	—
Crushing and grinding machine operators	13.35	7.7	40.0	13.35	7.7	40.0	—	—	—
Slicing and cutting machine operators	14.80	4.3	40.0	14.80	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	13.28	7.1	39.8	13.31	7.2	39.9	—	—	—
Welders and cutters	15.89	5.3	39.8	16.02	5.1	40.0	—	—	—
Assemblers	13.81	8.6	39.5	13.99	8.8	39.9	8.57	2.9	29.8
Hand molding, casting, and forming	12.23	2.6	40.0	12.23	2.6	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.28	8.2	39.2	13.42	8.2	39.9	—	—	—
Production inspectors, checkers and examiners	14.24	9.0	39.9	14.25	9.0	40.0	—	—	—
Production testers	12.72	6.7	40.0	12.72	6.7	40.0	—	—	—
Transportation and material moving									
Supervisors, motor vehicle operators	19.06	8.0	42.2	19.07	8.0	42.5	9.90	10.1	21.5

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Truck drivers	\$14.70	3.5	39.6	\$14.75	3.6	40.4	\$12.43	8.2	20.1
Driver-sales workers	11.33	12.5	29.8	13.95	8.5	41.4	7.29	21.2	20.8
Bus drivers	12.66	5.5	27.9	13.01	10.9	37.3	12.34	3.6	22.6
Taxicab drivers and chauffeurs	7.34	7.8	24.5	—	—	—	6.55	4.7	19.4
Parking lot attendants	8.19	12.7	33.4	—	—	—	—	—	—
Motor transportation, n.e.c.	9.30	11.9	21.8	10.64	15.0	36.9	6.16	1.5	11.2
Supervisors, material moving equipment	18.82	5.0	41.8	18.82	5.0	41.8	—	—	—
Operating engineers	22.73	2.4	39.6	22.73	2.4	39.6	—	—	—
Crane and tower operators	15.58	11.4	39.2	15.58	11.4	39.2	—	—	—
Excavating and loading machine operators	16.07	3.0	40.0	16.07	3.0	40.0	—	—	—
Grader, dozer, and scrapper operators	17.12	12.1	40.0	17.12	12.1	40.0	—	—	—
Industrial truck and tractor equipment operators	14.77	4.9	39.0	14.84	5.1	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.31	8.8	37.7	14.56	9.1	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	11.33	2.8	34.2	12.13	3.1	39.7	7.66	1.6	20.8
Groundskeepers and gardeners, except farm ...	12.76	4.5	37.1	13.32	4.2	39.7	7.89	3.3	23.5
Animal caretakers, except farm	—	—	—	13.21	18.1	36.8	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.96	8.7	39.8	15.00	8.8	40.1	—	—	—
Helpers, mechanics and repairers	11.14	18.6	39.7	11.18	18.9	40.1	—	—	—
Helpers, construction trades	14.87	6.3	40.0	14.87	6.3	40.0	—	—	—
Construction laborers	17.13	12.9	38.0	17.48	13.1	40.0	—	—	—
Production helpers	10.04	4.6	39.3	10.08	4.7	40.0	—	—	—
Stock handlers and baggers	9.72	4.3	29.1	11.24	5.2	39.4	7.12	1.9	20.1
Machine feeders and offbearers	9.45	7.8	37.0	9.83	7.1	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	13.84	5.7	33.0	14.53	5.5	39.3	10.57	4.2	18.8
Garage and service station related	9.70	22.9	32.5	10.18	25.2	40.0	—	—	—
Vehicle washers and equipment cleaners	8.99	10.9	34.3	9.33	12.5	39.9	7.06	6.0	19.1
Hand packers and packagers	10.38	3.3	38.2	10.52	3.4	39.9	8.15	5.7	22.8
Laborers, except construction, n.e.c.	10.52	4.2	34.7	11.24	5.2	40.0	7.59	2.6	22.6
Service									
Protective service	16.34	3.6	36.4	17.12	3.4	41.2	8.97	4.7	17.2
Supervisors, firefighters and fire prevention	20.69	4.7	49.6	20.69	4.7	49.6	—	—	—
Supervisors, police and detectives	26.52	9.0	40.1	26.52	9.0	40.1	—	—	—
Supervisors, guards	17.59	11.4	37.6	17.99	10.7	39.4	—	—	—
Fire inspection and fire prevention	22.88	6.7	36.5	—	—	—	—	—	—
Firefighting	18.30	4.2	46.4	18.40	4.1	50.1	11.63	15.9	8.1
Police and detectives, public service	21.45	1.7	38.7	21.54	1.7	39.9	13.51	8.6	10.9
Sheriffs, bailiffs, and other law enforcement officers	16.14	3.8	39.9	16.14	3.8	40.0	—	—	—
Correctional institution officers	16.13	4.7	38.5	16.28	4.5	39.2	—	—	—
Crossing guards	8.46	9.2	12.4	—	—	—	8.46	9.2	12.4
Guards and police, except public service	9.27	5.2	31.3	9.29	5.8	39.3	9.19	6.7	18.0
Protective service, n.e.c.	9.76	9.5	26.2	12.44	8.5	39.6	7.40	6.5	20.3
Food service	6.97	3.3	28.4	7.75	4.7	38.8	5.76	2.6	20.1
Waiters, waitresses, and bartenders	4.47	6.4	26.5	4.78	8.8	38.3	4.06	4.3	18.8
Bartenders	6.53	3.9	28.2	6.44	5.1	39.0	6.73	3.7	16.8
Waiters and waitresses	3.29	4.9	26.1	3.39	8.8	37.8	3.19	3.7	19.6
Waiters/Waitresses' assistants	6.18	7.2	25.5	—	—	—	5.25	8.1	17.5
Other food service	8.27	2.3	29.5	9.18	2.2	39.0	6.76	3.0	21.0
Supervisors, food preparation and service	10.26	5.4	38.0	10.72	4.0	40.6	—	—	—
Cooks	9.14	3.2	32.9	9.67	2.8	38.3	7.32	4.1	22.3
Kitchen workers, food preparation	7.71	4.3	27.3	8.38	5.9	38.8	7.01	2.6	20.8
Food preparation, n.e.c.	7.24	2.8	27.4	7.63	3.5	38.6	6.87	3.5	21.4
Health service	9.82	1.4	34.8	9.87	1.5	38.8	9.42	2.0	20.2
Health aides, except nursing	10.71	3.7	34.1	10.91	4.0	38.4	9.48	5.9	20.4

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Health service—Continued									
Nursing aides, orderlies and attendants	\$9.59	1.9	34.1	\$9.63	2.1	38.9	\$9.40	2.0	20.1
Cleaning and building service	9.95	3.7	30.1	10.67	3.3	38.5	7.25	5.0	16.6
Supervisors, cleaning and building service workers	14.39	7.2	40.4	14.41	7.2	40.5	—	—	—
Maids and housemen	7.55	3.7	29.6	7.43	3.2	33.8	—	—	—
Janitors and cleaners	10.10	3.9	29.7	10.95	3.2	39.3	7.13	5.2	16.1
Personal service	10.33	4.4	31.3	—	—	—	7.28	5.9	19.0
Attendants, amusement, and recreation facilities	6.16	5.1	21.9	—	—	—	6.13	5.3	21.0
Ushers	6.36	3.7	13.8	—	—	—	6.36	3.7	13.8
Public transportation attendants	36.54	6.9	18.0	37.99	5.7	18.2	—	—	—
Baggage porters and bellhops	6.26	9.7	35.3	—	—	—	—	—	—
Welfare service aides	7.68	5.4	28.2	8.18	6.7	38.3	6.83	7.2	19.3
Early childhood teachers' assistants	7.20	6.6	27.5	7.76	3.6	38.0	6.67	8.7	21.8
Child care workers, n.e.c.	10.48	5.9	24.0	11.68	7.1	39.3	7.82	4.7	12.9
Service, n.e.c.	9.40	3.6	23.3	10.62	3.8	38.8	8.15	4.0	16.6

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

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

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

2002. The average reference period was December 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, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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	\$15.32	2.6	35.8	\$16.16	3.1	39.8	\$8.76	1.9	20.1
All, excluding sales	15.29	2.6	36.0	15.99	3.0	39.7	9.16	2.2	19.8
White collar	18.15	4.1	36.0	19.08	4.7	39.9	10.78	3.5	20.1
White collar, excluding sales	18.98	3.8	36.6	19.44	4.1	39.8	13.75	4.0	19.4
Professional specialty and technical	23.62	2.8	35.0	24.16	2.9	39.5	18.98	4.6	17.9
Professional specialty	24.84	3.4	35.0	25.46	3.5	39.6	19.95	5.9	18.1
Engineers, architects, and surveyors	31.78	6.3	40.5	31.78	6.3	40.5	-	-	-
Metallurgical and materials engineers	32.87	6.2	40.0	32.87	6.2	40.0	-	-	-
Chemical engineers	37.30	10.2	40.0	37.30	10.2	40.0	-	-	-
Electrical and electronic engineers	39.73	10.5	42.9	39.73	10.5	42.9	-	-	-
Industrial engineers	29.17	3.4	40.2	29.19	3.5	40.4	-	-	-
Mechanical engineers	27.50	5.9	40.1	27.50	5.9	40.1	-	-	-
Engineers, n.e.c.	33.66	2.6	40.0	33.66	2.6	40.0	-	-	-
Mathematical and computer scientists	28.94	4.7	39.7	28.93	4.7	39.8	-	-	-
Computer systems analysts and scientists	28.58	5.6	39.9	28.57	5.6	39.9	-	-	-
Operations and systems researchers and analysts	29.72	4.5	39.5	29.72	4.5	39.5	-	-	-
Natural scientists	27.13	4.7	39.7	27.17	4.7	40.0	-	-	-
Chemists, except biochemists	29.06	8.3	40.0	29.06	8.3	40.0	-	-	-
Physical scientists, n.e.c.	29.87	13.6	38.5	30.13	14.1	40.1	-	-	-
Health related	22.67	2.1	32.1	22.50	2.4	39.3	23.26	3.7	19.8
Physicians	35.29	12.7	36.7	31.17	14.0	42.4	-	-	-
Registered nurses	21.30	2.1	31.7	21.29	2.4	39.0	21.31	2.0	20.4
Pharmacists	34.58	2.0	31.1	34.44	2.2	40.0	35.08	2.0	17.5
Dietitians	17.39	4.8	31.4	16.35	6.8	39.9	20.13	1.9	20.1
Respiratory therapists	18.09	3.6	34.8	17.93	4.0	39.1	19.05	5.7	20.8
Occupational therapists	23.75	4.9	24.5	22.06	2.2	40.0	25.75	7.5	16.8
Physical therapists	-	-	-	-	-	-	28.70	6.3	16.6
Speech therapists	21.90	4.9	34.2	21.48	4.6	40.0	-	-	-
Therapists, n.e.c.	19.17	12.3	30.4	19.54	13.4	38.9	-	-	-
Teachers, college and university	33.59	10.5	33.4	34.17	10.8	41.3	22.91	9.4	7.4
Biological science teachers	36.48	11.0	37.0	36.48	11.0	37.0	-	-	-
Engineering teachers	39.04	6.4	34.5	39.04	6.4	34.5	-	-	-
Mathematical science teachers	28.80	4.5	37.9	-	-	-	-	-	-
Medical science teachers	46.26	13.3	48.3	46.26	13.3	48.3	-	-	-
Business, commerce, and marketing teachers ..	41.18	7.6	29.4	42.30	7.2	43.9	27.55	28.9	5.9
Art, drama, and music teachers	31.02	12.9	30.3	31.68	14.7	39.8	26.61	4.8	11.6
Education teachers	30.33	8.6	36.5	30.31	8.6	37.3	-	-	-
English teachers	30.18	15.8	31.4	30.75	15.8	40.6	-	-	-
Foreign language teachers	31.90	9.4	36.4	31.90	9.4	36.4	-	-	-
Other post-secondary teachers	27.25	14.2	30.1	27.69	15.7	38.2	21.73	12.4	8.2
Teachers, except college and university	14.07	8.2	32.9	14.61	8.9	38.8	11.60	14.5	19.5
Prekindergarten and kindergarten	10.38	2.8	36.7	10.59	3.7	39.8	-	-	-
Elementary school teachers	19.48	3.0	35.9	19.52	3.1	36.6	17.38	7.2	17.5
Secondary school teachers	23.37	5.5	37.5	23.35	5.6	37.8	-	-	-
Teachers, n.e.c.	22.19	17.1	12.2	26.46	24.6	38.8	19.70	22.5	8.7
Vocational and educational counselors	14.93	14.6	39.7	14.96	14.6	40.0	-	-	-
Librarians, archivists, and curators	19.88	8.6	35.7	20.36	8.9	38.4	-	-	-
Librarians	18.39	6.1	35.8	18.80	6.2	38.9	-	-	-
Social scientists and urban planners	19.22	11.3	35.4	18.53	11.3	39.9	-	-	-
Economists	21.82	12.0	39.8	21.82	12.0	39.8	-	-	-
Psychologists	17.79	12.8	36.7	16.71	11.7	40.0	-	-	-
Social, recreation, and religious workers	14.49	2.8	35.5	14.41	3.1	39.0	-	-	-
Social workers	14.50	2.9	35.7	14.38	3.3	38.9	-	-	-
Clergy	17.27	7.4	35.4	-	-	-	-	-	-
Lawyers and judges	69.59	10.9	42.4	69.59	10.9	42.4	-	-	-
Lawyers	69.59	10.9	42.4	69.59	10.9	42.4	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	21.83	6.8	30.1	22.51	7.1	38.5	17.60	20.7	12.6
Technical writers	18.79	7.9	39.5	18.79	7.9	39.5	-	-	-
Designers	23.95	12.4	38.3	24.02	12.4	38.4	-	-	-
Actors and directors	-	-	-	28.10	15.0	40.0	-	-	-

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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.—Continued									
Painters, sculptors, craft artists, and artist printmakers	\$17.03	14.7	39.5	\$17.03	14.7	39.5	—	—	—
Photographers	21.15	12.0	36.9	20.38	11.2	39.8	—	—	—
Editors and reporters	22.25	11.3	39.2	22.17	11.2	39.4	—	—	—
Public relations specialists	20.34	16.6	40.7	20.34	16.6	40.9	—	—	—
Athletes	—	—	—	20.82	15.5	36.3	—	—	—
Professional, n.e.c.	25.96	3.7	39.7	25.96	3.7	39.7	—	—	—
Technical	20.46	3.4	35.3	20.90	3.7	39.0	\$15.67	5.9	17.3
Clinical laboratory technologists and technicians	17.03	4.9	34.6	17.14	4.9	39.7	16.25	10.5	18.4
Health record technologists and technicians	13.22	5.5	33.9	13.28	6.3	38.9	—	—	—
Radiological technicians	18.87	2.8	32.8	19.40	3.0	39.5	17.32	4.0	21.9
Licensed practical nurses	14.62	1.5	34.5	14.60	1.6	39.6	14.78	3.5	18.8
Health technologists and technicians, n.e.c.	14.23	4.3	30.7	14.60	4.5	39.7	11.77	6.1	12.2
Electrical and electronic technicians	21.82	2.2	39.2	21.97	2.1	40.0	—	—	—
Industrial engineering technicians	17.84	9.3	40.7	17.84	9.3	40.7	—	—	—
Mechanical engineering technicians	24.91	7.3	40.3	24.91	7.3	40.3	—	—	—
Engineering technicians, n.e.c.	20.56	8.0	39.9	20.58	8.0	40.0	—	—	—
Drafters	20.94	5.1	40.0	20.94	5.1	40.0	—	—	—
Chemical technicians	17.36	12.4	39.5	17.38	12.6	40.0	—	—	—
Science technicians, n.e.c.	14.53	13.0	39.9	14.53	13.0	39.9	—	—	—
Airplane pilots and navigators	100.92	28.8	17.8	137.68	11.5	19.3	—	—	—
Broadcast equipment operators	14.09	11.8	37.0	14.85	13.1	40.0	—	—	—
Computer programmers	22.74	6.7	39.6	22.74	6.7	39.6	—	—	—
Legal assistants	22.43	3.7	38.8	22.43	3.7	38.8	—	—	—
Technical and related, n.e.c.	23.57	6.5	39.3	23.58	6.5	39.4	—	—	—
Executive, administrative, and managerial	28.06	3.0	39.8	28.21	3.0	40.7	17.50	6.5	16.6
Executives, administrators, and managers	30.30	3.3	40.6	30.52	3.3	41.2	—	—	—
Financial managers	30.87	4.6	39.9	30.90	4.6	40.0	—	—	—
Personnel and labor relations managers	40.56	12.9	46.6	40.56	12.9	46.6	—	—	—
Purchasing managers	28.99	11.9	41.0	28.99	11.9	41.0	—	—	—
Managers, marketing, advertising, and public relations	35.59	13.1	40.8	35.59	13.1	40.8	—	—	—
Administrators, education and related fields	22.97	14.5	40.8	22.99	14.7	41.1	—	—	—
Managers, medicine and health	27.93	8.0	40.0	27.96	8.0	40.1	—	—	—
Managers, food servicing and lodging establishments	17.50	10.1	44.8	17.58	10.2	45.1	—	—	—
Managers, properties and real estate	28.53	21.7	39.6	28.76	21.6	40.0	—	—	—
Managers, service organizations, n.e.c.	22.53	12.1	33.3	24.03	12.7	40.1	—	—	—
Managers and administrators, n.e.c.	31.62	5.5	41.5	31.62	5.5	41.6	—	—	—
Management related	24.30	7.7	38.7	24.38	7.7	39.7	17.59	16.0	11.3
Accountants and auditors	21.47	2.3	40.0	21.46	2.3	40.1	—	—	—
Underwriters	19.51	8.7	38.3	19.51	8.7	38.3	—	—	—
Other financial officers	25.05	7.2	39.8	25.05	7.2	39.8	—	—	—
Management analysts	23.57	7.7	39.1	23.57	7.7	39.1	—	—	—
Personnel, training, and labor relations specialists	21.73	9.3	36.4	21.82	9.4	39.8	—	—	—
Buyers, wholesale and retail trade, except farm products	20.89	7.3	41.0	20.89	7.3	41.0	—	—	—
Purchasing agents and buyers, n.e.c.	30.55	9.6	39.8	30.55	9.6	39.8	—	—	—
Management related, n.e.c.	28.13	14.7	38.5	28.41	14.7	39.6	17.66	29.5	19.2
Sales	15.54	7.5	34.0	17.76	8.2	40.5	7.15	1.7	21.1
Supervisors, sales	15.59	4.3	40.7	15.61	4.4	40.8	—	—	—
Insurance sales	23.71	9.7	39.0	23.74	9.8	39.5	—	—	—
Real estate sales	17.45	9.0	32.7	18.12	9.8	38.9	—	—	—
Securities and financial services sales	46.38	10.8	42.6	46.38	10.8	42.6	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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									
Advertising and related sales	\$20.37	6.0	39.8	\$20.42	6.0	39.9	—	—	—
Sales, other business services	28.17	20.7	40.1	28.18	20.7	40.1	—	—	—
Sales engineers	48.73	13.1	41.0	48.73	13.1	41.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	29.99	15.5	40.9	29.99	15.5	40.9	—	—	—
Sales workers, motor vehicles and boats	16.79	9.2	45.2	16.79	9.2	45.2	—	—	—
Sales workers, apparel	7.94	7.0	23.0	8.99	6.2	39.1	\$7.40	4.3	19.0
Sales workers, furniture and home furnishings ..	15.50	26.0	32.4	20.29	23.7	42.5	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	13.03	22.4	28.5	—	—	—	—	—	—
Sales workers, hardware and building supplies	20.75	24.3	38.8	21.59	23.0	39.9	—	—	—
Sales workers, parts	13.27	6.1	40.2	13.38	6.2	40.7	—	—	—
Sales workers, other commodities	13.07	23.9	31.3	16.53	24.4	41.0	7.23	2.6	22.3
Sales counter clerks	7.42	3.9	31.4	7.36	4.9	39.0	7.57	3.6	20.5
Cashiers	7.37	2.2	27.0	7.90	3.1	38.6	6.84	1.7	20.8
Sales support, n.e.c.	10.66	10.8	33.3	12.81	4.4	42.0	6.71	4.8	24.1
Administrative support, including clerical									
Supervisors, general office	12.16	4.1	36.6	12.43	4.8	39.6	9.47	3.6	20.9
Supervisors, financial records processing	17.90	11.6	38.7	17.79	12.0	39.2	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.77	6.6	39.1	18.77	6.6	39.1	—	—	—
Computer operators	16.88	5.2	40.1	16.93	5.4	40.9	—	—	—
Secretaries	15.77	5.6	39.4	15.81	5.6	39.7	—	—	—
Stenographers	13.90	4.3	38.5	13.99	4.2	39.6	11.61	7.8	22.5
Typists	12.39	3.5	34.4	12.91	3.8	39.2	10.95	4.2	25.8
Interviewers	14.04	14.1	35.3	14.13	14.8	38.4	—	—	—
Hotel clerks	8.77	6.7	27.5	9.74	3.8	40.0	—	—	—
Transportation ticket and reservation agents	8.15	4.4	34.2	8.06	5.0	39.9	—	—	—
Receptionists	13.36	6.0	34.0	—	—	—	11.82	5.6	20.7
Information clerks, n.e.c.	10.17	5.5	36.2	10.46	5.3	39.9	7.54	10.8	20.0
Order clerks	14.28	5.6	35.1	14.70	4.7	37.8	9.27	3.0	18.9
Personnel clerks, except payroll and timekeeping	12.16	3.6	34.6	12.74	3.4	40.0	8.13	6.6	17.8
Library clerks	14.51	5.3	38.9	14.51	5.3	39.1	—	—	—
File clerks	12.79	7.8	33.5	13.47	6.7	39.3	9.31	3.8	18.9
Records clerks, n.e.c.	9.81	4.2	33.0	10.14	4.8	39.2	8.33	3.3	19.4
Bookkeepers, accounting and auditing clerks ...	12.29	6.0	36.9	12.71	5.5	39.3	8.52	7.9	23.7
Payroll and timekeeping clerks	9.86	9.8	38.3	9.88	10.4	39.7	9.43	11.0	23.2
Billing clerks	15.30	6.0	37.9	15.38	6.1	39.8	—	—	—
Billing, posting, and calculating machine operators	12.02	3.6	30.8	12.27	4.7	39.3	—	—	—
Telephone operators	9.82	7.7	36.8	9.91	8.8	38.4	—	—	—
Mail clerks, except postal service	12.67	8.5	32.1	13.42	7.9	38.6	9.22	3.7	18.1
Production coordinators	10.17	5.4	31.3	10.91	4.8	38.6	7.61	2.4	19.1
Traffic, shipping and receiving clerks	17.49	6.0	39.9	17.49	6.0	39.9	—	—	—
Stock and inventory clerks	12.13	10.8	39.6	12.14	10.9	40.0	—	—	—
Weighers, measurers, checkers, and samplers	12.30	4.6	32.3	13.21	4.3	39.8	8.39	4.0	17.8
Expeditors	14.06	10.8	40.0	14.06	10.8	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	12.48	13.8	34.7	13.52	12.3	40.0	—	—	—
Insurance adjusters, examiners, and investigators	18.76	8.3	39.2	18.95	7.8	39.9	—	—	—
Investigators and adjusters, except insurance ...	16.79	14.2	35.6	17.46	14.1	38.9	—	—	—
Bill and account collectors	13.03	8.0	39.2	13.08	8.1	39.7	—	—	—
General office clerks	12.57	12.1	37.5	12.73	12.5	38.8	—	—	—
Bank tellers	11.06	3.1	35.7	11.30	3.5	39.2	8.99	6.2	20.4
Data entry keyers	9.26	2.9	33.3	9.52	3.0	39.4	8.32	4.5	21.5
Statistical clerks	11.20	5.5	36.6	11.41	5.9	39.4	9.25	3.2	22.1
Teachers' aides	12.23	8.1	37.6	12.30	8.3	39.7	—	—	—
Administrative support, n.e.c.	7.28	3.9	27.2	—	—	—	7.01	4.1	23.7
	12.24	2.8	35.7	12.59	3.1	39.4	10.17	6.8	22.9

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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	\$14.54	2.6	38.0	\$14.93	2.8	39.9	\$8.20	3.4	21.5
Precision production, craft, and repair	17.82	5.2	39.7	17.89	5.2	39.9	8.39	11.2	21.2
Automobile mechanics	15.13	11.5	40.3	15.13	11.5	40.3	—	—	—
Bus, truck, and stationary engine mechanics	18.00	2.9	40.0	18.00	2.9	40.1	—	—	—
Automobile body and related repairers	25.79	17.7	42.0	25.79	17.7	42.0	—	—	—
Aircraft mechanics, except engine	21.82	1.2	40.0	21.82	1.2	40.0	—	—	—
Heavy equipment mechanics	20.01	13.8	39.6	20.01	13.8	39.6	—	—	—
Industrial machinery repairers	19.28	2.8	39.9	19.29	2.8	40.0	—	—	—
Machinery maintenance	15.69	7.8	39.0	15.79	7.7	39.7	—	—	—
Electronic repairers, communications and industrial equipment	17.13	8.4	39.9	17.13	8.4	39.9	—	—	—
Household appliance and power tool repairers	12.97	15.5	36.7	12.92	16.2	38.5	—	—	—
Telephone installers and repairers	17.54	8.7	40.0	17.54	8.7	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	15.99	11.3	40.0	15.99	11.3	40.0	—	—	—
Millwrights	23.35	2.5	40.0	23.35	2.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.91	5.6	39.0	16.25	5.8	40.0	—	—	—
Supervisors, carpenters and related workers	23.19	6.1	40.0	23.19	6.1	40.0	—	—	—
Supervisors, electricians and power transmission installers	27.57	3.4	40.4	27.57	3.4	40.4	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	32.51	3.3	40.0	32.51	3.3	40.0	—	—	—
Supervisors, construction trades, n.e.c.	22.08	7.9	39.3	22.08	7.9	39.3	—	—	—
Brickmasons and stonemasons	24.78	7.6	39.1	24.78	7.6	39.1	—	—	—
Carpenters	20.43	8.6	40.0	20.43	8.6	40.0	—	—	—
Electricians	22.04	5.5	40.0	22.04	5.5	40.0	—	—	—
Electrician apprentices	14.80	13.5	40.0	14.80	13.5	40.0	—	—	—
Electrical power installers and repairers	25.88	4.2	40.0	25.88	4.2	40.0	—	—	—
Painters, construction and maintenance	20.33	8.2	40.0	20.33	8.2	40.0	—	—	—
Plumbers, pipefitters and steamfitters	24.09	3.3	40.0	24.09	3.3	40.0	—	—	—
Construction trades, n.e.c.	20.24	15.9	39.3	20.24	15.9	39.3	—	—	—
Supervisors, production	20.57	2.9	40.5	20.57	2.9	40.5	—	—	—
Tool and die makers	23.74	3.0	40.3	23.74	3.0	40.3	—	—	—
Tool and die maker apprentices	18.79	13.1	39.6	18.79	13.1	39.6	—	—	—
Precision assemblers, metal	19.88	7.2	40.0	19.88	7.2	40.0	—	—	—
Machinists	17.94	6.3	39.9	17.92	6.3	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	16.83	9.7	40.0	16.83	9.7	40.0	—	—	—
Patternmakers and modelmakers, metal	19.96	11.8	40.0	19.96	11.8	40.0	—	—	—
Sheet metal workers	23.99	7.4	40.0	23.99	7.4	40.0	—	—	—
Cabinet makers and bench carpenters	12.19	17.2	39.7	12.19	17.2	39.7	—	—	—
Electrical and electronic equipment assemblers	10.41	9.0	39.7	10.43	9.1	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.95	5.5	40.0	16.95	5.5	40.0	—	—	—
Butchers and meat cutters	10.26	14.9	37.3	10.64	17.5	40.0	—	—	—
Bakers	12.17	8.3	34.1	12.66	7.8	38.6	8.85	3.7	19.1
Food batchmakers	12.84	7.4	40.0	12.84	7.4	40.0	—	—	—
Inspectors, testers, and graders	18.21	9.1	40.1	18.21	9.1	40.1	—	—	—
Stationary engineers	20.64	4.8	40.0	20.64	4.8	40.0	—	—	—
Machine operators, assemblers, and inspectors	13.58	4.0	39.5	13.67	4.0	39.9	8.51	2.9	25.5
Lathe and turning machine set-up operators	15.75	4.1	40.0	15.75	4.1	40.0	—	—	—
Lathe and turning machine operators	15.11	6.5	40.0	15.11	6.5	40.0	—	—	—
Milling and planing machine operators	13.83	13.8	39.5	13.83	13.8	39.5	—	—	—
Punching and stamping press operators	12.41	11.5	37.8	12.72	10.6	40.0	—	—	—
Rolling machine operators	14.70	7.9	40.0	14.70	7.9	40.0	—	—	—
Drilling and boring machine operators	14.28	6.0	40.0	14.28	6.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.62	3.8	38.2	13.89	3.0	39.9	—	—	—
Forging machine operators	14.73	5.2	40.0	14.73	5.2	40.0	—	—	—
Numerical control machine operators	14.84	3.7	40.0	14.84	3.7	40.0	—	—	—
Fabricating machine operators, n.e.c.	15.78	4.9	39.9	15.78	4.9	39.9	—	—	—
Molding and casting machine operators	10.75	3.5	39.7	10.77	3.6	39.9	—	—	—
Metal plating machine operators	13.70	7.8	38.1	13.70	7.8	38.1	—	—	—
Heat treating equipment operators	13.92	9.0	40.0	13.92	9.0	40.0	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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									
Machine operators, assemblers, and inspectors—Continued									
Printing press operators	\$13.40	4.8	39.6	\$13.41	4.9	39.7	—	—	—
Photoengravers and lithographers	17.80	6.9	39.1	17.80	6.9	39.1	—	—	—
Typesetters and compositors	12.61	8.2	39.4	12.61	8.2	39.4	—	—	—
Textile sewing machine operators	8.53	5.5	39.4	8.52	5.5	40.0	—	—	—
Laundering and dry cleaning machine operators	7.84	3.3	36.5	7.85	3.3	37.5	—	—	—
Packaging and filling machine operators	15.08	8.9	38.8	15.21	8.7	39.9	—	—	—
Mixing and blending machine operators	16.33	4.7	42.4	16.34	4.7	42.7	—	—	—
Separating, filtering, and clarifying machine operators	15.71	7.3	40.1	15.71	7.3	40.1	—	—	—
Compressing and compacting machine operators	11.75	5.8	40.0	11.75	5.8	40.0	—	—	—
Painting and paint spraying machine operators	13.03	3.8	39.8	13.03	3.8	39.8	—	—	—
Washing, cleaning, and pickling machine operators	10.83	8.9	40.0	10.83	8.9	40.0	—	—	—
Furnace, kiln, and oven operators, except food	17.78	7.8	39.9	17.78	7.8	39.9	—	—	—
Crushing and grinding machine operators	13.35	7.7	40.0	13.35	7.7	40.0	—	—	—
Slicing and cutting machine operators	14.80	4.3	40.0	14.80	4.3	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	13.26	7.1	39.8	13.30	7.2	39.9	—	—	—
Welders and cutters	15.89	5.3	39.8	16.02	5.1	40.0	—	—	—
Assemblers	13.81	8.6	39.5	13.99	8.8	39.9	\$8.57	2.9	29.8
Hand molding, casting, and forming	12.23	2.6	40.0	12.23	2.6	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.28	8.2	39.2	13.42	8.2	39.9	—	—	—
Production inspectors, checkers and examiners	14.24	9.0	39.9	14.25	9.0	40.0	—	—	—
Production testers	12.72	6.7	40.0	12.72	6.7	40.0	—	—	—
Transportation and material moving	14.06	4.3	36.4	14.75	4.3	40.3	9.22	11.6	21.8
Supervisors, motor vehicle operators	18.78	8.9	42.4	18.80	8.9	42.6	—	—	—
Truck drivers	14.59	3.6	39.7	14.63	3.7	40.5	12.60	8.8	20.3
Driver-sales workers	11.33	12.5	29.8	13.95	8.5	41.4	7.29	21.2	20.8
Bus drivers	11.21	6.9	28.1	—	—	—	11.68	4.3	23.8
Taxicab drivers and chauffeurs	7.34	7.8	24.5	—	—	—	6.55	4.7	19.4
Parking lot attendants	8.18	12.8	33.3	—	—	—	—	—	—
Motor transportation, n.e.c.	8.32	9.5	20.9	9.38	12.9	36.5	6.16	1.5	11.2
Supervisors, material moving equipment	18.82	5.0	41.8	18.82	5.0	41.8	—	—	—
Operating engineers	23.12	2.3	39.5	23.12	2.3	39.5	—	—	—
Crane and tower operators	15.58	11.4	39.2	15.58	11.4	39.2	—	—	—
Excavating and loading machine operators	15.96	2.9	40.0	15.96	2.9	40.0	—	—	—
Grader, dozer, and scrapper operators	18.32	13.0	40.0	18.32	13.0	40.0	—	—	—
Industrial truck and tractor equipment operators	14.77	5.0	39.0	14.85	5.2	39.8	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.19	9.5	37.5	14.46	10.0	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.16	3.0	34.0	11.95	3.4	39.7	7.66	1.6	20.7
Groundskeepers and gardeners, except farm ...	12.21	7.1	37.4	12.57	6.7	40.0	7.94	6.0	21.1
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	14.33	8.2	39.8	14.36	8.3	40.1	—	—	—
Helpers, mechanics and repairers	10.22	20.2	39.7	10.25	20.6	40.1	—	—	—
Helpers, construction trades	14.87	6.3	40.0	14.87	6.3	40.0	—	—	—
Construction laborers	17.23	13.4	37.9	17.60	13.6	40.0	—	—	—
Production helpers	10.03	4.6	39.3	10.07	4.7	40.0	—	—	—
Stock handlers and baggers	9.70	4.3	29.1	11.22	5.3	39.4	7.12	1.9	20.1
Machine feeders and offbearers	9.45	7.8	37.0	9.83	7.1	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	13.83	5.8	33.0	14.52	5.6	39.2	10.57	4.2	18.8
Garage and service station related	9.62	24.1	32.2	10.12	26.7	40.0	—	—	—
Vehicle washers and equipment cleaners	8.99	10.9	34.3	9.33	12.5	39.9	7.07	6.0	19.1
Hand packers and packagers	10.38	3.3	38.2	10.52	3.4	39.9	8.15	5.7	22.8
Laborers, except construction, n.e.c.	10.20	4.6	34.2	10.91	5.8	40.0	7.61	2.6	22.6

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ December 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	\$8.62	4.2	30.1	\$9.42	3.9	38.7	\$6.57	2.4	19.3
Protective service	9.03	4.0	30.9	9.23	4.4	39.5	8.45	5.3	18.7
Supervisors, guards	14.72	10.2	37.0	15.13	9.7	39.6	—	—	—
Guards and police, except public service	8.61	3.5	31.3	8.54	3.4	39.5	8.84	6.6	18.2
Protective service, n.e.c.	7.20	6.5	22.0	—	—	—	7.03	6.9	20.9
Food service	6.78	3.3	28.3	7.54	4.8	39.1	5.64	2.7	20.1
Waiters, waitresses, and bartenders	4.47	6.4	26.5	4.78	8.8	38.3	4.06	4.3	18.8
Bartenders	6.53	3.9	28.2	6.44	5.1	39.0	6.73	3.7	16.8
Waiters and waitresses	3.29	4.9	26.1	3.39	8.8	37.8	3.19	3.7	19.6
Waiters/Waitresses' assistants	6.18	7.2	25.5	—	—	—	5.25	8.1	17.5
Other food service	8.09	2.4	29.5	9.02	2.3	39.5	6.62	3.0	21.1
Supervisors, food preparation and service	10.14	5.7	38.4	10.61	4.2	41.1	—	—	—
Cooks	8.78	3.3	32.8	9.37	2.8	39.2	7.07	3.7	22.3
Kitchen workers, food preparation	7.69	4.7	26.9	8.41	6.2	39.1	7.01	2.7	20.8
Food preparation, n.e.c.	7.09	3.0	27.7	7.52	3.8	39.1	6.68	3.7	21.7
Health service	9.48	1.1	34.4	9.52	1.3	38.8	9.28	1.8	20.2
Health aides, except nursing	10.12	2.8	34.2	10.33	3.2	38.4	8.82	4.6	20.6
Nursing aides, orderlies and attendants	9.26	1.2	33.4	9.23	1.3	38.9	9.39	2.0	20.1
Cleaning and building service	9.18	4.4	28.2	9.92	4.5	38.1	7.08	5.0	16.3
Supervisors, cleaning and building service workers	14.08	7.5	40.6	14.10	7.5	40.7	—	—	—
Maids and housemen	7.53	3.8	29.5	7.41	3.3	33.7	—	—	—
Janitors and cleaners	9.24	4.8	27.4	10.19	4.4	39.2	6.92	4.8	15.7
Personal service	10.32	4.8	31.9	—	—	—	7.12	6.5	19.7
Ushers	6.35	3.7	13.9	—	—	—	6.35	3.7	13.9
Baggage porters and bellhops	6.26	9.7	35.3	—	—	—	—	—	—
Welfare service aides	7.53	5.5	27.6	8.01	6.8	38.4	6.81	7.2	19.4
Early childhood teachers' assistants	6.90	6.6	27.5	7.46	4.9	39.1	6.43	7.7	22.1
Child care workers, n.e.c.	9.40	5.2	28.3	10.04	5.2	39.4	7.25	7.3	14.5
Service, n.e.c.	9.13	3.3	22.7	10.30	4.3	39.5	8.16	4.1	16.8

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

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

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

2002. The average reference period was December 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, East North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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	\$21.53	2.2	35.9	\$22.03	2.3	38.4	\$13.57	3.5	17.8
All, excluding sales	21.54	2.2	35.9	22.03	2.3	38.4	13.62	3.5	17.7
White collar	24.68	2.3	35.7	25.10	2.3	37.7	16.26	4.6	17.5
White collar, excluding sales	24.71	2.3	35.8	25.10	2.3	37.7	16.42	4.6	17.5
Professional specialty and technical	29.52	2.2	34.8	29.94	2.2	36.9	20.74	4.7	15.9
Professional specialty	30.42	2.2	34.6	30.86	2.3	36.8	21.20	4.8	15.6
Engineers, architects, and surveyors	26.66	3.8	39.5	26.66	3.8	39.5	—	—	—
Civil engineers	29.35	5.7	38.8	29.35	5.7	38.8	—	—	—
Mathematical and computer scientists	22.41	2.2	38.1	22.41	2.2	38.1	—	—	—
Computer systems analysts and scientists	22.41	2.2	38.1	22.41	2.2	38.1	—	—	—
Natural scientists	18.21	9.7	39.0	18.30	9.9	39.6	—	—	—
Health related	26.94	8.1	36.7	27.30	8.5	39.2	21.44	4.5	18.6
Physicians	43.34	14.4	42.1	43.34	14.4	42.1	—	—	—
Registered nurses	22.68	5.2	35.8	22.72	5.7	38.8	22.27	3.7	18.8
Dietitians	19.12	2.5	31.0	—	—	—	—	—	—
Speech therapists	35.95	5.1	35.4	36.50	5.2	36.5	—	—	—
Therapists, n.e.c.	17.56	8.9	36.9	17.75	9.5	38.9	—	—	—
Teachers, college and university	40.03	2.7	33.5	41.08	2.8	38.0	26.16	4.9	13.0
Engineering teachers	57.79	20.0	37.0	—	—	—	—	—	—
Health specialties teachers	30.78	13.2	35.7	30.77	13.5	38.2	—	—	—
Business, commerce, and marketing teachers ..	35.24	16.7	26.3	35.34	19.4	38.0	—	—	—
Art, drama, and music teachers	26.44	11.7	37.6	26.35	11.7	38.6	—	—	—
Education teachers	44.03	3.9	37.0	44.03	3.9	37.0	—	—	—
English teachers	44.69	18.6	37.5	44.93	18.6	38.6	—	—	—
Other post-secondary teachers	35.21	7.3	23.1	40.55	7.0	35.4	26.35	5.4	14.7
Teachers, except college and university	31.35	2.5	33.8	31.87	2.7	35.5	20.32	9.0	16.4
Prekindergarten and kindergarten	27.69	8.0	33.3	28.09	8.9	36.5	23.40	16.8	17.4
Elementary school teachers	31.99	3.0	34.8	32.04	3.0	35.4	30.12	12.6	21.2
Secondary school teachers	33.22	4.0	36.0	33.23	4.0	36.1	—	—	—
Teachers, special education	31.02	4.6	35.1	31.12	4.7	35.5	—	—	—
Teachers, n.e.c.	31.17	7.6	30.9	32.14	7.8	34.3	19.30	9.4	14.1
Substitute teachers	12.17	9.5	14.3	—	—	—	12.17	9.7	14.1
Vocational and educational counselors	25.53	11.5	35.8	25.90	12.6	37.3	—	—	—
Librarians, archivists, and curators	22.85	7.3	36.2	23.29	7.4	38.7	17.12	5.4	19.6
Librarians	23.94	6.3	36.8	24.45	6.1	39.0	16.03	3.7	19.5
Social scientists and urban planners	25.54	17.0	34.4	25.51	17.5	39.1	—	—	—
Psychologists	34.40	7.6	38.6	34.48	7.9	38.6	—	—	—
Urban planners	20.23	6.9	20.8	20.54	7.2	39.3	—	—	—
Social, recreation, and religious workers	19.17	4.8	37.4	19.35	4.9	38.9	12.50	15.9	15.6
Social workers	19.49	5.1	38.5	19.55	5.1	38.9	—	—	—
Recreation workers	15.33	10.5	28.3	—	—	—	10.40	21.5	12.8
Lawyers and judges	38.86	21.8	36.5	39.40	22.4	38.4	—	—	—
Lawyers	38.94	22.1	36.5	39.50	22.7	38.4	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	30.14	10.5	34.3	30.56	10.5	39.7	10.93	8.7	4.9
Public relations specialists	24.69	7.7	29.5	24.96	7.9	39.7	—	—	—
Athletes	38.15	7.4	35.0	—	—	—	—	—	—
Technical	17.33	5.8	37.9	17.47	6.0	39.1	14.28	7.8	22.1
Licensed practical nurses	14.58	7.8	36.6	14.58	9.4	39.9	—	—	—
Health technologists and technicians, n.e.c.	15.01	12.3	38.0	14.74	12.5	39.9	—	—	—
Engineering technicians, n.e.c.	19.63	5.2	37.7	19.81	5.3	38.6	—	—	—
Surveying and mapping technicians	16.22	10.5	37.7	16.22	10.5	37.7	—	—	—
Computer programmers	29.02	7.9	40.0	29.02	7.9	40.0	—	—	—
Technical and related, n.e.c.	18.27	12.1	38.0	18.44	12.2	38.7	10.88	13.4	21.7
Executive, administrative, and managerial	30.47	6.6	38.4	30.53	6.6	39.2	23.67	17.2	12.0
Executives, administrators, and managers	34.77	6.8	38.1	34.87	6.8	39.1	23.30	27.6	9.1
Legislators	17.89	25.2	8.1	—	—	—	16.20	26.5	6.7
Administrators and officials, public administration	29.84	5.1	39.1	29.84	5.1	39.3	—	—	—
Financial managers	26.39	5.8	39.8	26.39	5.8	39.8	—	—	—
Administrators, education and related fields	39.71	3.1	38.6	39.66	3.1	38.8	—	—	—
Managers, medicine and health	50.96	9.9	38.2	50.96	9.9	38.2	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, East North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Executive, administrative, and managerial —Continued									
Executives, administrators, and managers —Continued									
Managers, service organizations, n.e.c.	\$23.26	11.3	39.0	\$23.41	11.3	39.0	—	—	—
Managers and administrators, n.e.c.	28.90	6.8	40.5	28.93	6.8	40.6	—	—	—
Management related	22.20	3.1	39.0	22.18	3.1	39.4	—	—	—
Accountants and auditors	22.18	5.7	38.7	22.18	5.7	38.7	—	—	—
Other financial officers	23.74	5.2	40.0	23.74	5.2	40.0	—	—	—
Personnel, training, and labor relations specialists	20.89	6.8	38.2	20.95	6.9	39.1	—	—	—
Construction inspectors	22.49	8.2	39.5	22.50	8.2	39.8	—	—	—
Inspectors and compliance officers, except construction	19.87	3.8	39.0	19.87	3.8	39.0	—	—	—
Management related, n.e.c.	23.90	6.2	39.4	23.96	6.4	40.1	—	—	—
Sales	13.18	9.4	26.5	17.20	6.3	40.0	\$9.33	15.4	20.0
Cashiers	12.03	13.3	24.2	—	—	—	9.44	17.0	19.3
Administrative support, including clerical	12.99	2.5	36.5	13.19	2.6	38.4	10.11	2.9	21.0
Supervisors, general office	15.64	9.5	38.4	15.64	9.5	38.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.87	10.5	37.7	20.87	10.5	37.7	—	—	—
Computer operators	17.41	9.4	38.9	17.46	9.4	39.5	—	—	—
Secretaries	13.03	3.3	38.1	13.09	3.4	39.0	11.03	7.3	21.2
Stenographers	15.98	3.6	36.7	15.98	3.6	36.7	—	—	—
Typists	12.10	5.9	37.4	12.21	6.4	38.0	—	—	—
Receptionists	11.82	11.2	26.8	—	—	—	—	—	—
Information clerks, n.e.c.	13.91	9.5	37.9	—	—	—	—	—	—
Personnel clerks, except payroll and timekeeping	13.25	14.3	38.3	13.25	14.3	38.3	—	—	—
Library clerks	9.87	5.9	25.8	10.34	8.7	38.4	9.08	9.4	16.6
Records clerks, n.e.c.	13.92	11.4	37.8	13.96	11.5	38.2	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.32	6.3	38.2	13.34	6.5	38.9	12.60	12.0	24.3
Payroll and timekeeping clerks	16.40	9.6	38.5	16.40	9.6	38.5	—	—	—
Billing clerks	12.71	5.1	39.9	12.71	5.1	39.9	—	—	—
Dispatchers	13.13	8.2	37.8	13.55	9.0	40.0	—	—	—
Stock and inventory clerks	13.48	1.4	37.6	13.48	1.4	37.6	—	—	—
Investigators and adjusters, except insurance ...	16.18	4.7	35.9	16.44	4.9	40.0	—	—	—
Eligibility clerks, social welfare	15.66	3.5	40.0	15.66	3.5	40.0	—	—	—
General office clerks	13.34	3.3	38.1	13.44	3.3	38.9	9.80	4.2	22.0
Data entry keyers	11.67	3.5	39.1	11.67	3.5	39.1	—	—	—
Teachers' aides	10.80	4.6	33.1	10.89	5.3	35.4	10.34	2.9	24.6
Administrative support, n.e.c.	13.32	5.8	36.6	13.58	6.0	39.0	10.07	11.6	21.0
Blue collar	16.88	2.2	36.5	17.27	2.5	39.1	12.63	2.8	21.3
Precision production, craft, and repair	18.99	3.0	39.6	19.02	3.0	39.7	—	—	—
Supervisors, mechanics and repairers	21.10	11.2	40.1	21.10	11.2	40.1	—	—	—
Automobile mechanics	17.88	4.8	40.0	17.88	4.8	40.0	—	—	—
Bus, truck, and stationary engine mechanics	18.21	2.1	40.0	18.21	2.1	40.0	—	—	—
Heavy equipment mechanics	16.08	8.2	39.8	16.08	8.2	39.8	—	—	—
Industrial machinery repairers	24.58	19.4	40.0	24.58	19.4	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	17.07	2.1	39.9	17.07	2.1	39.9	—	—	—
Mechanical controls and valve repairers	17.04	7.1	36.1	17.95	5.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.41	11.1	39.9	15.41	11.1	39.9	—	—	—
Supervisors, construction trades, n.e.c.	20.66	3.2	39.8	20.66	3.2	39.8	—	—	—
Carpenters	18.86	17.0	40.0	18.86	17.0	40.0	—	—	—
Electricians	25.56	6.7	39.9	25.56	6.7	39.9	—	—	—
Painters, construction and maintenance	19.82	6.2	39.9	19.82	6.2	39.9	—	—	—
Plumbers, pipefitters and steamfitters	19.99	5.8	39.6	19.99	5.8	39.6	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, East North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Construction trades, n.e.c.	\$16.02	6.4	39.5	\$16.02	6.4	39.5	—	—	—
Water and sewer treatment plant operators	18.12	4.2	40.0	18.12	4.2	40.0	—	—	—
Stationary engineers	25.01	7.2	39.3	25.01	7.2	39.3	—	—	—
Machine operators, assemblers, and inspectors	15.54	11.4	39.6	15.61	11.5	40.0	—	—	—
Transportation and material moving	15.80	2.7	31.6	16.39	3.2	37.6	\$13.74	2.8	20.2
Supervisors, motor vehicle operators	22.95	3.3	40.0	22.95	3.3	40.0	—	—	—
Truck drivers	17.11	6.9	38.0	17.40	6.8	40.0	—	—	—
Bus drivers	14.68	2.0	27.6	15.19	2.5	35.3	13.84	2.9	20.3
Operating engineers	20.23	9.5	39.9	20.23	9.5	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	15.57	8.3	40.0	15.57	8.3	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	14.53	4.6	38.5	14.96	4.9	39.5	7.98	3.4	27.9
Supervisors, agriculture-related workers	19.30	11.8	40.0	19.30	11.8	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	13.76	5.7	36.5	14.82	5.3	39.2	7.85	2.5	26.4
Construction laborers	14.56	13.4	38.7	14.60	13.7	40.0	—	—	—
Laborers, except construction, n.e.c.	13.25	8.9	39.2	13.47	9.1	40.0	6.91	8.3	24.6
Service	15.54	2.9	36.1	16.02	3.2	40.0	9.72	2.7	16.6
Protective service	19.46	1.7	39.3	19.71	1.7	41.8	10.90	5.5	13.2
Supervisors, firefighters and fire prevention	20.69	4.7	49.6	20.69	4.7	49.6	—	—	—
Supervisors, police and detectives	26.52	9.0	40.1	26.52	9.0	40.1	—	—	—
Firefighting	18.30	4.2	46.4	18.40	4.1	50.1	11.63	15.9	8.1
Police and detectives, public service	21.45	1.7	38.7	21.54	1.7	39.9	13.51	8.6	10.9
Sheriffs, bailiffs, and other law enforcement officers	16.14	3.9	39.9	16.14	3.9	40.0	—	—	—
Correctional institution officers	16.13	4.7	38.5	16.28	4.5	39.2	—	—	—
Crossing guards	8.46	9.2	12.4	—	—	—	8.46	9.2	12.4
Guards and police, except public service	15.38	5.8	30.8	15.61	6.0	37.5	14.03	10.5	15.2
Protective service, n.e.c.	12.20	7.2	32.1	12.99	8.9	39.8	8.99	6.2	18.0
Food service	10.25	3.7	29.4	10.53	4.1	34.4	9.32	4.2	19.8
Other food service	10.25	3.7	29.4	10.53	4.1	34.4	9.32	4.2	19.8
Supervisors, food preparation and service	12.80	7.4	32.3	12.84	7.5	33.1	—	—	—
Cooks	11.01	2.1	33.1	11.00	2.3	34.7	11.12	3.8	22.3
Kitchen workers, food preparation	8.10	1.5	36.0	—	—	—	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, East North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ December 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									
Other food service—Continued									
Food preparation, n.e.c.	\$9.17	4.7	23.5	\$9.06	7.0	33.0	\$9.28	4.5	18.7
Health service	11.89	5.3	37.1	11.88	5.6	38.7	12.13	4.4	20.2
Health aides, except nursing	13.68	1.5	33.8	13.84	1.5	38.5	12.75	2.7	19.5
Nursing aides, orderlies and attendants	11.33	6.5	38.3	11.34	6.7	38.7	10.14	7.1	22.6
Cleaning and building service	12.41	3.0	38.2	12.53	3.2	39.5	10.08	7.2	23.9
Supervisors, cleaning and building service workers	15.64	17.9	39.7	15.64	17.9	39.7	—	—	—
Janitors and cleaners	12.28	2.9	38.2	12.41	3.1	39.5	10.07	7.3	24.1
Personal service	10.42	6.6	24.7	11.20	8.6	37.1	8.74	4.4	14.4
Attendants, amusement, and recreation facilities	7.29	4.9	21.7	—	—	—	7.91	3.5	17.5
Welfare service aides	9.31	22.8	36.4	—	—	—	—	—	—
Early childhood teachers' assistants	9.34	4.7	27.9	9.02	4.7	34.1	10.28	6.0	18.1
Child care workers, n.e.c.	11.54	8.6	20.8	13.76	8.6	39.1	8.15	5.9	12.2
Service, n.e.c.	11.02	6.6	28.0	11.71	8.3	36.5	7.92	6.7	13.7

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 March 2000 and January

2002. The average reference period was December 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 East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.08	2.5	35.8	\$15.32	2.6	35.8	\$21.53	2.2	35.9
All, excluding sales	16.14	2.5	36.0	15.29	2.6	36.0	21.54	2.2	35.9
White collar	19.24	3.6	35.9	18.15	4.1	36.0	24.68	2.3	35.7
1	7.22	1.5	25.9	7.18	1.4	25.9	8.32	4.7	24.5
2	8.61	2.8	29.7	8.47	2.8	29.5	10.17	3.8	31.0
3	9.42	3.9	34.4	9.27	3.8	34.3	11.46	1.7	35.7
4	12.29	2.0	36.8	12.23	2.2	36.7	12.58	4.2	37.5
5	14.41	2.0	37.5	14.42	2.2	38.1	14.36	3.2	34.2
6	17.22	2.6	37.9	16.94	3.0	38.1	18.53	8.4	37.0
7	18.41	5.5	37.9	18.02	5.8	38.2	21.08	4.1	36.0
8	23.40	3.1	36.6	22.43	3.6	37.0	26.67	5.8	35.3
9	27.27	1.7	37.5	25.32	2.7	38.9	30.84	2.0	35.2
10	31.48	8.6	39.4	32.05	9.1	39.8	26.80	5.8	36.2
11	35.55	3.6	38.9	35.92	4.0	39.0	33.52	3.1	38.4
12	39.98	2.3	39.8	40.15	2.6	40.2	39.30	4.5	38.5
13	53.91	5.5	38.9	56.87	8.5	39.3	50.21	6.0	38.3
14	56.96	5.0	40.4	57.12	5.6	40.8	55.65	11.6	37.4
15	73.84	12.4	39.9	88.19	14.6	42.3	-	-	-
Not able to be leveled	21.73	8.7	32.8	20.56	9.6	32.7	34.04	6.4	33.8
White collar, excluding sales	20.17	3.2	36.4	18.98	3.8	36.6	24.71	2.3	35.8
1	8.37	3.9	26.4	8.35	4.5	26.7	8.43	5.0	25.0
2	9.26	2.1	31.0	9.12	2.1	31.0	10.17	3.8	31.0
3	9.61	5.4	36.4	9.44	5.3	36.4	11.40	1.6	35.8
4	12.34	1.6	36.7	12.28	1.7	36.5	12.59	4.2	37.5
5	14.30	1.9	37.0	14.29	2.0	37.6	14.35	3.2	34.2
6	16.53	2.7	37.5	16.01	2.7	37.6	18.53	8.4	37.0
7	19.25	2.1	36.6	18.80	2.2	36.8	21.08	4.1	36.0
8	22.88	2.9	35.6	21.43	2.4	35.7	26.69	5.8	35.3
9	26.96	1.5	37.3	24.60	2.3	38.7	30.84	2.0	35.2
10	28.04	3.6	38.0	28.26	3.8	38.3	26.80	5.8	36.2
11	35.23	3.7	38.9	35.56	4.2	39.0	33.52	3.1	38.4
12	39.64	2.3	39.8	39.73	2.5	40.1	39.30	4.5	38.5
13	51.20	3.7	38.8	52.05	3.4	39.2	50.21	6.0	38.3
14	56.96	5.0	40.4	57.12	5.6	40.8	55.65	11.6	37.4
15	73.84	12.4	39.9	88.19	14.6	42.3	-	-	-
Not able to be leveled	22.37	9.1	32.9	21.18	10.2	32.8	34.04	6.4	33.8
Professional specialty and technical	25.46	1.9	35.0	23.62	2.8	35.0	29.52	2.2	34.8
Professional specialty	26.90	2.1	34.8	24.84	3.4	35.0	30.42	2.2	34.6
2	7.69	15.9	17.1	-	-	-	-	-	-
4	10.95	12.5	31.0	11.24	14.6	34.0	-	-	-
5	11.87	5.6	33.7	11.36	7.2	37.3	13.01	4.6	27.9
6	19.46	7.3	35.9	16.50	8.0	36.8	26.69	10.4	33.9
7	19.78	4.9	33.4	18.40	5.1	33.0	22.79	5.9	34.4
8	24.15	4.2	33.7	21.44	2.8	33.5	28.19	7.2	34.1
9	27.90	1.9	35.8	24.27	3.1	36.9	31.45	2.1	34.7
10	27.67	4.4	38.1	28.31	4.7	38.6	24.66	9.9	36.0
11	35.50	6.1	38.8	36.06	6.8	39.2	32.89	5.1	37.1
12	38.61	4.3	39.5	38.65	4.5	39.9	38.47	8.0	38.1
13	48.06	3.8	38.8	47.49	5.5	39.8	48.33	4.9	38.3
14	56.80	10.7	39.9	55.30	11.4	40.6	-	-	-
Not able to be leveled	25.58	5.7	27.1	24.04	6.5	25.9	34.82	8.4	37.3
Engineers, architects, and surveyors	31.56	6.2	40.4	31.78	6.3	40.5	26.66	3.8	39.5
7	21.10	2.9	39.0	21.07	2.9	38.9	-	-	-
8	23.56	3.7	39.5	23.24	3.4	39.5	-	-	-
9	28.77	2.7	40.0	29.00	2.7	40.0	23.51	8.7	39.8
10	30.17	3.7	40.6	30.02	3.8	40.7	-	-	-
11	37.79	9.2	41.7	38.54	8.6	41.9	27.88	4.3	39.5
12	37.36	5.9	40.3	37.36	5.9	40.3	-	-	-
13	43.56	3.8	40.0	43.56	3.8	40.0	-	-	-
Metallurgical and materials engineers	32.87	6.2	40.0	32.87	6.2	40.0	-	-	-
Chemical engineers	37.30	10.2	40.0	37.30	10.2	40.0	-	-	-
Civil engineers	23.62	9.3	39.7	-	-	-	29.35	5.7	38.8

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Engineers, architects, and surveyors—Continued									
Civil engineers—Continued									
9	\$28.93	2.7	40.0	\$28.86	3.4	40.0	—	—	—
Electrical and electronic engineers	38.64	11.4	42.7	39.73	10.5	42.9	—	—	—
9	27.63	2.5	40.6	27.77	2.6	40.7	—	—	—
10	28.49	2.7	40.4	28.49	2.7	40.4	—	—	—
Industrial engineers	29.16	3.4	40.2	29.17	3.4	40.2	—	—	—
9	28.03	2.2	40.1	28.03	2.2	40.1	—	—	—
10	33.15	7.1	42.5	33.15	7.1	42.5	—	—	—
11	30.60	6.6	39.8	30.65	6.7	39.8	—	—	—
12	29.43	14.0	41.3	29.43	14.0	41.3	—	—	—
Mechanical engineers	27.47	5.7	40.1	27.50	5.9	40.1	—	—	—
9	26.89	5.9	40.0	27.06	6.2	40.0	—	—	—
10	27.80	4.4	39.8	27.20	4.0	40.0	—	—	—
11	30.92	4.6	40.3	30.92	4.6	40.3	—	—	—
12	37.88	2.8	40.0	37.88	2.8	40.0	—	—	—
Engineers, n.e.c.	33.37	2.7	40.0	33.66	2.6	40.0	—	—	—
7	25.06	6.4	40.0	24.99	6.6	40.0	—	—	—
8	26.89	5.8	40.0	26.89	5.8	40.0	—	—	—
9	28.90	3.3	39.9	29.43	2.9	39.9	—	—	—
10	31.24	5.1	40.0	31.24	5.1	40.0	—	—	—
11	35.24	3.0	40.0	35.24	3.0	40.0	—	—	—
12	38.89	4.8	40.0	38.89	4.8	40.0	—	—	—
Mathematical and computer scientists	28.47	4.0	39.6	28.94	4.7	39.7	\$22.41	2.2	38.1
6	23.12	8.3	38.7	25.50	3.3	40.0	—	—	—
7	21.77	9.2	39.5	21.92	13.8	39.8	—	—	—
8	23.03	2.3	39.5	23.27	2.6	40.1	—	—	—
9	27.21	8.5	39.6	27.23	8.7	39.6	—	—	—
10	29.41	4.5	40.3	29.34	4.6	40.3	—	—	—
11	33.59	4.0	39.5	33.59	4.0	39.5	—	—	—
12	35.67	4.1	39.8	35.69	4.1	39.8	—	—	—
Not able to be leveled	29.55	12.0	39.9	29.55	12.0	39.9	—	—	—
Computer systems analysts and scientists	28.02	4.6	39.7	28.58	5.6	39.9	22.41	2.2	38.1
6	23.24	8.4	38.7	—	—	—	—	—	—
7	23.24	9.5	39.3	—	—	—	—	—	—
8	23.45	2.3	39.6	—	—	—	—	—	—
9	26.46	10.0	39.7	26.47	10.2	39.7	—	—	—
10	29.32	4.7	40.4	29.25	4.8	40.4	—	—	—
11	33.76	4.8	39.5	33.76	4.8	39.5	—	—	—
12	35.18	4.4	40.2	35.21	4.4	40.2	—	—	—
Operations and systems researchers and analysts	29.72	4.5	39.5	29.72	4.5	39.5	—	—	—
9	29.41	5.2	39.5	29.41	5.2	39.5	—	—	—
11	33.15	7.0	39.6	33.15	7.0	39.6	—	—	—
Natural scientists	23.91	5.8	39.5	27.13	4.7	39.7	18.21	9.7	39.0
7	21.93	2.5	39.3	22.05	2.7	39.2	—	—	—
9	24.30	3.4	39.9	25.15	5.0	39.8	23.21	2.6	40.0
11	33.36	4.3	40.0	33.36	4.3	40.0	—	—	—
Chemists, except biochemists	29.06	8.3	40.0	29.06	8.3	40.0	—	—	—
9	25.42	8.4	40.0	25.42	8.4	40.0	—	—	—
Physical scientists, n.e.c.	26.02	9.0	39.2	29.87	13.6	38.5	—	—	—
Biological and life scientists	26.07	8.3	39.2	—	—	—	—	—	—
Medical scientists	15.92	12.6	38.7	—	—	—	—	—	—
Health related	23.36	2.1	32.8	22.67	2.1	32.1	26.94	8.1	36.7
5	13.99	1.9	30.5	14.50	6.6	24.2	—	—	—
6	17.98	4.0	34.7	18.11	4.6	34.1	17.31	5.3	37.8
7	20.31	3.0	29.6	20.29	2.7	28.1	20.37	9.4	38.1
8	21.27	3.5	32.8	20.92	3.5	32.7	24.09	7.8	33.6
9	22.36	2.8	34.1	21.67	1.9	33.8	25.98	8.7	36.2

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Health related—Continued									
10	\$24.74	8.8	35.7	\$26.26	8.8	33.7	\$21.48	20.1	40.8
11	31.05	6.1	33.0	30.83	6.4	32.9	—	—	—
12	34.96	19.3	37.1	34.96	19.3	37.1	—	—	—
13	59.78	10.5	36.6	70.64	11.6	30.5	—	—	—
Not able to be leveled	28.21	6.3	32.2	27.31	6.0	31.6	37.11	28.5	40.0
Physicians	38.53	10.6	38.7	35.29	12.7	36.7	43.34	14.4	42.1
12	34.39	23.9	37.3	34.39	23.9	37.3	—	—	—
13	59.78	10.5	36.6	70.64	11.6	30.5	—	—	—
Not able to be leveled	30.48	15.1	39.0	27.57	16.0	38.7	—	—	—
Registered nurses	21.47	1.8	32.1	21.30	2.1	31.7	22.68	5.2	35.8
6	18.36	5.2	34.7	18.29	5.3	34.6	—	—	—
7	20.23	3.1	29.6	20.26	2.8	28.1	20.10	10.0	38.0
8	21.03	3.7	32.7	20.60	3.5	32.6	24.61	8.2	33.4
9	21.59	1.9	33.2	21.38	1.6	32.8	22.86	6.9	35.8
10	24.88	10.4	33.8	24.03	10.6	33.1	—	—	—
11	27.97	5.2	34.3	27.55	5.1	34.2	—	—	—
Not able to be leveled	25.37	9.1	30.7	25.37	9.1	30.7	—	—	—
Pharmacists	33.43	3.8	31.9	34.58	2.0	31.1	—	—	—
9	28.54	8.6	37.6	32.77	2.0	35.5	—	—	—
10	34.54	2.2	40.0	34.54	2.2	40.0	—	—	—
Dietitians	17.91	3.7	31.3	17.39	4.8	31.4	19.12	2.5	31.0
8	18.76	1.9	36.0	—	—	—	—	—	—
Respiratory therapists	18.16	3.4	35.1	18.09	3.6	34.8	—	—	—
6	18.23	3.2	30.6	18.00	3.6	29.3	—	—	—
8	18.28	2.4	38.4	18.28	2.4	38.4	—	—	—
Occupational therapists	23.34	5.1	23.7	23.75	4.9	24.5	—	—	—
7	22.44	5.0	26.9	22.44	5.0	26.9	—	—	—
9	24.01	8.1	22.8	24.91	7.3	24.4	—	—	—
Physical therapists	22.54	7.3	37.3	—	—	—	—	—	—
Speech therapists	29.67	8.5	34.9	21.90	4.9	34.2	35.95	5.1	35.4
9	29.66	9.9	36.3	21.57	5.3	36.0	36.65	4.2	36.6
Therapists, n.e.c.	18.23	8.3	33.9	19.17	12.3	30.4	17.56	8.9	36.9
9	19.58	13.5	38.7	18.28	13.8	38.4	—	—	—
Teachers, college and university	38.11	4.6	33.5	33.59	10.5	33.4	40.03	2.7	33.5
5	12.63	11.6	20.1	15.71	2.3	20.1	—	—	—
7	17.00	3.0	12.1	—	—	—	17.55	1.9	25.4
8	32.48	10.6	15.9	30.41	20.4	22.2	33.22	12.9	14.5
9	25.47	7.7	30.5	—	—	—	27.43	10.4	28.6
10	30.52	6.3	23.1	30.08	7.2	29.8	33.18	7.0	9.8
11	33.66	6.6	34.1	27.35	7.3	32.7	38.80	4.7	35.3
12	39.34	7.5	38.1	37.55	6.8	38.0	39.87	9.3	38.1
13	45.27	1.4	40.4	43.51	5.6	46.9	45.79	.6	38.8
14	62.04	8.1	42.9	56.04	4.7	49.4	—	—	—
Not able to be leveled	30.31	8.2	34.1	—	—	—	—	—	—
Biological science teachers	32.43	10.0	34.2	36.48	11.0	37.0	—	—	—
Chemistry teachers	38.48	5.2	32.9	—	—	—	—	—	—
Engineering teachers	54.29	19.5	36.5	39.04	6.4	34.5	57.79	20.0	37.0
Mathematical science teachers	41.87	6.1	36.4	28.80	4.5	37.9	—	—	—
13	43.77	5.5	39.1	—	—	—	—	—	—
Computer science teachers	35.19	24.0	28.4	—	—	—	—	—	—
Medical science teachers	45.97	13.3	48.1	46.26	13.3	48.3	—	—	—
Health specialties teachers	36.39	14.6	39.0	—	—	—	30.78	13.2	35.7
11	42.46	2.1	35.4	—	—	—	—	—	—
Business, commerce, and marketing teachers ..	38.49	9.6	27.9	41.18	7.6	29.4	35.24	16.7	26.3
9	26.01	11.4	29.3	—	—	—	—	—	—
Art, drama, and music teachers	28.10	10.8	34.6	31.02	12.9	30.3	26.44	11.7	37.6
Education teachers	42.35	6.3	36.9	30.33	8.6	36.5	44.03	3.9	37.0
English teachers	43.51	17.9	36.9	30.18	15.8	31.4	44.69	18.6	37.5

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Teachers, college and university—Continued									
English teachers—Continued									
11	\$33.39	7.5	35.3	—	—	—	—	—	—
Foreign language teachers	31.00	9.0	29.2	\$31.90	9.4	36.4	—	—	—
Theology teachers	28.35	9.4	40.4	—	—	—	—	—	—
Trade and industrial teachers	28.92	23.1	21.3	—	—	—	—	—	—
Other post-secondary teachers	31.84	9.1	25.6	27.25	14.2	30.1	\$35.21	7.3	23.1
7	16.73	2.4	27.9	—	—	—	—	—	—
8	37.66	21.4	18.5	—	—	—	49.69	8.5	15.1
9	29.41	15.4	23.2	21.17	14.4	35.0	36.63	9.7	17.9
10	26.99	8.3	36.7	27.21	8.8	36.5	—	—	—
11	38.06	9.8	29.3	34.74	17.8	26.7	40.08	11.0	31.1
12	45.00	12.0	36.8	—	—	—	—	—	—
Teachers, except college and university	27.87	4.3	33.6	14.07	8.2	32.9	31.35	2.5	33.8
5	10.76	5.0	32.6	10.25	3.7	37.3	13.11	11.7	20.7
6	28.83	9.3	31.9	13.26	9.5	33.4	33.51	6.8	31.5
7	21.14	11.8	33.5	14.40	17.1	34.5	24.79	7.1	33.0
8	30.86	8.2	31.7	20.97	13.4	20.0	32.14	9.7	34.3
9	32.34	1.8	34.7	21.25	4.3	34.7	32.97	1.7	34.7
11	36.15	10.1	36.3	—	—	—	36.13	10.2	36.3
Prekindergarten and kindergarten	12.58	9.5	36.2	10.38	2.8	36.7	27.69	8.0	33.3
5	10.07	3.4	37.8	10.03	3.5	38.0	—	—	—
6	12.93	16.0	36.1	11.51	14.1	38.5	—	—	—
8	32.75	15.1	33.4	—	—	—	32.79	15.1	33.5
9	31.03	4.3	32.5	—	—	—	31.97	4.2	32.3
Elementary school teachers	30.97	2.8	34.9	19.48	3.0	35.9	31.99	3.0	34.8
6	34.69	6.2	33.4	—	—	—	34.83	6.3	33.4
7	24.69	7.7	36.0	19.73	2.4	37.0	25.86	9.3	35.7
8	32.26	7.1	34.7	18.21	13.1	36.3	34.73	8.4	34.4
9	32.09	2.9	34.8	19.92	2.9	34.6	32.67	3.0	34.8
Secondary school teachers	32.35	3.8	36.2	23.37	5.5	37.5	33.22	4.0	36.0
6	30.27	12.7	35.7	—	—	—	35.35	8.8	35.4
7	24.69	6.3	36.5	23.66	6.9	37.1	24.90	7.5	36.4
8	38.34	11.4	35.6	25.78	9.1	37.5	39.10	11.9	35.5
9	32.37	2.4	36.3	24.96	6.6	38.2	32.86	2.5	36.2
Teachers, special education	29.40	5.6	35.5	—	—	—	31.02	4.6	35.1
7	28.64	5.0	34.1	—	—	—	28.64	5.0	34.1
8	27.41	6.0	35.5	—	—	—	27.41	6.0	35.5
9	30.34	6.9	35.8	—	—	—	33.39	4.3	35.2
Teachers, n.e.c.	30.34	7.5	27.1	22.19	17.1	12.2	31.17	7.6	30.9
5	12.60	10.8	26.3	—	—	—	11.50	6.0	25.1
6	16.01	7.2	19.4	—	—	—	15.84	7.9	19.3
7	26.15	29.7	25.7	—	—	—	—	—	—
8	24.89	10.6	18.0	—	—	—	24.01	11.7	27.9
9	34.42	5.3	32.0	37.67	3.9	13.7	34.39	5.4	32.5
Substitute teachers	11.19	10.7	15.9	—	—	—	12.17	9.5	14.3
5	11.02	5.2	17.1	—	—	—	11.02	5.2	17.1
6	10.85	3.7	14.6	10.16	2.0	16.9	11.76	7.8	12.4
7	13.91	21.0	11.1	—	—	—	13.97	21.1	11.1
Vocational and educational counselors	23.93	9.6	36.3	14.93	14.6	39.7	25.53	11.5	35.8
7	14.70	2.9	39.9	—	—	—	—	—	—
8	20.79	9.1	37.3	14.51	10.4	40.7	21.68	11.8	36.9
9	30.18	5.1	35.0	—	—	—	30.30	5.1	35.0
Librarians, archivists, and curators	21.43	6.3	36.0	19.88	8.6	35.7	22.85	7.3	36.2
5	12.13	1.9	34.8	—	—	—	—	—	—
6	13.84	4.9	35.6	—	—	—	14.64	3.2	35.8
7	16.90	6.1	35.2	—	—	—	15.95	6.9	33.3
8	21.18	13.3	36.8	—	—	—	22.89	16.1	36.1
9	23.12	8.1	33.1	19.84	9.5	29.3	25.84	8.4	37.0

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Librarians, archivists, and curators—Continued									
10	—	—	—	—	—	—	\$19.78	3.0	35.2
11	\$28.82	7.0	36.8	—	—	—	26.91	4.5	37.4
Librarians	21.25	6.0	36.3	\$18.39	6.1	35.8	23.94	6.3	36.8
6	13.84	4.9	35.6	—	—	—	14.64	3.2	35.8
7	16.90	6.1	35.2	—	—	—	15.95	6.9	33.3
8	21.57	18.0	36.1	—	—	—	23.62	21.8	34.7
9	22.94	8.9	32.9	18.49	9.5	28.1	25.84	8.4	37.0
10	—	—	—	—	—	—	19.89	2.7	36.1
11	27.01	3.6	38.6	—	—	—	27.32	3.4	39.6
Archivists and curators	22.60	21.9	34.0	—	—	—	—	—	—
Social scientists and urban planners	22.17	11.4	34.9	19.22	11.3	35.4	25.54	17.0	34.4
7	17.08	10.2	39.2	—	—	—	—	—	—
8	21.64	13.8	30.2	18.36	17.3	39.8	—	—	—
9	19.12	13.6	39.9	15.74	7.7	40.0	27.52	12.9	39.8
10	26.57	10.1	39.3	—	—	—	—	—	—
11	35.70	8.9	29.5	—	—	—	—	—	—
Economists	21.18	11.0	39.8	21.82	12.0	39.8	—	—	—
Psychologists	24.21	15.1	37.4	17.79	12.8	36.7	34.40	7.6	38.6
8	20.87	18.5	39.0	—	—	—	—	—	—
9	18.34	18.6	39.9	15.17	7.1	40.0	—	—	—
Urban planners	20.23	6.9	20.8	—	—	—	20.23	6.9	20.8
Social, recreation, and religious workers	16.30	3.7	36.2	14.49	2.8	35.5	19.17	4.8	37.4
5	12.59	5.4	37.6	10.31	3.8	38.9	13.56	4.0	37.1
6	13.24	6.9	38.9	11.67	5.1	39.1	16.22	6.4	38.5
7	14.92	1.8	34.1	14.63	1.7	33.3	16.24	4.3	38.3
8	18.02	5.3	38.2	14.25	5.4	38.1	19.42	4.5	38.3
9	18.36	7.0	39.1	16.78	8.8	38.8	21.23	4.3	39.6
10	16.89	9.2	37.1	—	—	—	—	—	—
11	29.62	22.2	35.4	—	—	—	38.09	13.6	35.0
Social workers	16.41	3.9	36.7	14.50	2.9	35.7	19.49	5.1	38.5
5	12.62	5.4	37.9	—	—	—	13.44	4.3	37.6
6	12.66	5.8	39.1	11.67	5.1	39.1	15.34	6.7	39.0
7	14.98	1.9	33.9	14.69	1.8	33.0	16.26	4.4	38.6
8	18.04	5.3	38.2	14.24	5.5	38.1	19.42	4.5	38.3
9	18.31	7.4	39.1	16.56	9.4	38.7	21.23	4.3	39.6
10	16.89	9.2	37.1	—	—	—	—	—	—
11	30.37	22.3	35.3	—	—	—	38.09	13.6	35.0
Recreation workers	14.12	11.9	26.8	—	—	—	15.33	10.5	28.3
Clergy	17.27	7.4	35.4	17.27	7.4	35.4	—	—	—
Lawyers and judges	49.73	11.4	38.4	69.59	10.9	42.4	38.86	21.8	36.5
11	29.53	11.6	38.7	—	—	—	25.94	6.0	38.0
12	57.09	12.3	42.2	—	—	—	32.87	13.8	35.7
Lawyers	49.92	11.5	38.4	69.59	10.9	42.4	38.94	22.1	36.5
11	29.53	11.6	38.7	—	—	—	25.94	6.0	38.0
12	57.09	12.3	42.2	—	—	—	32.87	13.8	35.7
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.56	6.1	30.4	21.83	6.8	30.1	30.14	10.5	34.3
4	9.98	6.4	37.6	9.98	6.4	37.6	—	—	—
5	15.32	6.2	35.2	—	—	—	—	—	—
6	16.58	18.9	37.7	16.48	19.4	37.7	—	—	—
7	21.88	4.9	39.9	22.29	4.3	39.9	—	—	—
8	23.53	6.4	38.3	23.60	6.7	38.1	—	—	—
9	24.44	6.1	39.7	24.33	6.5	39.7	—	—	—
11	42.49	10.8	35.6	42.36	11.2	35.6	—	—	—
Not able to be leveled	22.20	10.6	23.2	20.12	12.0	22.0	35.23	9.5	36.0
Technical writers	18.79	7.9	39.5	18.79	7.9	39.5	—	—	—
Designers	23.90	12.3	38.2	23.95	12.4	38.3	—	—	—
6	16.93	29.3	36.7	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Designers—Continued									
7	\$23.40	3.4	39.9	\$23.40	3.4	39.9	—	—	—
9	24.22	6.9	40.7	24.22	6.9	40.7	—	—	—
Painters, sculptors, craft artists, and artist printmakers									
.....	17.03	14.7	39.5	17.03	14.7	39.5	—	—	—
Not able to be leveled	17.03	14.7	39.5	17.03	14.7	39.5	—	—	—
Photographers									
.....	21.15	12.0	36.9	21.15	12.0	36.9	—	—	—
Editors and reporters									
.....	22.17	11.2	39.2	22.25	11.3	39.2	—	—	—
6	14.81	8.3	40.5	14.69	8.7	40.5	—	—	—
9	25.36	12.5	39.3	25.38	12.6	39.4	—	—	—
Public relations specialists									
.....	22.43	10.1	34.4	20.34	16.6	40.7	\$24.69	7.7	29.5
Athletes									
.....	22.52	30.3	24.8	—	—	—	38.15	7.4	35.0
Not able to be leveled	22.52	30.3	24.8	—	—	—	38.15	7.4	35.0
Professional, n.e.c.									
.....	26.35	6.3	39.8	25.96	3.7	39.7	—	—	—
9	24.41	8.3	39.0	24.45	8.5	39.0	—	—	—
Technical									
.....	20.14	3.2	35.5	20.46	3.4	35.3	17.33	5.8	37.9
2	9.10	10.1	34.9	9.17	10.6	36.1	—	—	—
3	11.54	7.7	32.5	11.82	9.3	31.9	10.63	4.2	34.9
4	13.72	3.9	30.3	13.68	4.3	29.7	14.25	3.7	39.0
5	14.90	3.9	34.6	15.13	3.6	34.3	13.02	5.3	37.4
6	16.66	3.3	34.6	16.88	3.2	34.2	14.99	8.4	37.3
7	19.69	2.9	38.2	19.87	3.2	38.2	18.11	2.7	38.3
8	22.86	3.0	38.5	22.92	3.2	38.5	22.08	2.6	39.2
9	25.61	3.4	38.9	25.76	4.0	39.0	24.88	3.8	38.7
10	34.30	12.1	38.3	35.04	12.4	38.8	—	—	—
11	92.05	20.7	25.1	92.05	25.1	25.1	—	—	—
Not able to be leveled	14.11	13.6	36.8	13.66	13.1	36.7	—	—	—
Clinical laboratory technologists and technicians									
.....	16.92	4.9	34.7	17.03	4.9	34.6	—	—	—
3	10.50	1.6	28.7	10.66	1.5	26.3	—	—	—
4	9.82	7.9	30.8	9.82	7.9	30.8	—	—	—
5	16.51	5.3	34.5	16.52	5.5	34.4	—	—	—
6	16.63	7.8	37.2	16.63	7.8	37.2	—	—	—
7	16.73	8.1	37.9	16.72	8.3	38.4	—	—	—
8	18.77	2.2	34.6	18.77	2.2	34.6	—	—	—
9	21.18	7.2	37.0	21.18	7.2	37.0	—	—	—
Health record technologists and technicians									
.....	13.67	5.8	34.4	13.22	5.5	33.9	—	—	—
4	12.21	2.5	33.8	12.21	2.5	33.8	—	—	—
5	12.35	4.8	31.2	12.35	4.8	31.2	—	—	—
Radiological technicians									
.....	18.86	2.7	32.9	18.87	2.8	32.8	—	—	—
5	17.03	2.1	32.6	17.03	2.1	32.6	—	—	—
6	17.44	4.1	29.7	17.54	4.3	29.2	—	—	—
7	20.50	4.6	36.1	20.42	4.8	36.0	—	—	—
8	21.82	1.4	35.9	21.82	1.4	35.9	—	—	—
Licensed practical nurses									
.....	14.62	1.8	34.7	14.62	1.5	34.5	14.58	7.8	36.6
4	14.90	4.9	29.6	15.12	5.2	28.5	—	—	—
5	14.44	2.7	32.6	14.41	2.8	32.8	—	—	—
6	14.50	4.8	35.6	14.67	3.2	34.7	13.97	11.1	38.5
7	14.85	2.5	36.8	14.75	2.5	37.0	—	—	—
Health technologists and technicians, n.e.c.									
.....	14.32	4.0	31.4	14.23	4.3	30.7	15.01	12.3	38.0
3	9.69	10.0	31.7	8.59	5.8	27.3	—	—	—
4	11.88	4.5	22.8	11.61	4.6	21.9	—	—	—
5	12.48	3.4	36.2	12.72	3.2	35.8	—	—	—
6	15.43	4.0	35.6	15.41	4.1	35.8	—	—	—
7	18.99	4.1	37.3	19.15	4.7	36.8	—	—	—
9	—	—	—	—	—	—	23.50	7.8	34.0
Electrical and electronic technicians									
.....	21.77	2.2	39.2	21.82	2.2	39.2	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Electrical and electronic technicians—Continued									
6	\$20.25	8.6	40.1	\$20.32	8.8	40.1	—	—	—
7	22.50	1.5	40.0	22.54	1.4	40.0	—	—	—
8	21.61	1.9	40.0	21.71	1.8	40.0	—	—	—
Industrial engineering technicians	17.84	9.3	40.7	17.84	9.3	40.7	—	—	—
Mechanical engineering technicians	24.91	7.3	40.3	24.91	7.3	40.3	—	—	—
Engineering technicians, n.e.c.	20.40	6.7	39.5	20.56	8.0	39.9	\$19.63	5.2	37.7
5	14.53	12.5	39.0	—	—	—	—	—	—
6	19.41	7.1	39.0	20.53	4.8	38.8	—	—	—
7	18.95	4.2	40.0	18.74	6.4	40.0	—	—	—
8	25.13	6.5	40.0	25.61	7.3	40.1	—	—	—
Drafters	20.94	5.1	40.0	20.94	5.1	40.0	—	—	—
4	17.26	6.7	40.0	17.26	6.7	40.0	—	—	—
5	15.36	5.6	40.0	15.36	5.6	40.0	—	—	—
6	16.45	9.7	40.0	16.45	9.7	40.0	—	—	—
7	22.52	6.2	40.0	22.52	6.2	40.0	—	—	—
9	28.52	6.0	40.0	28.52	6.0	40.0	—	—	—
Surveying and mapping technicians	—	—	—	—	—	—	16.22	10.5	37.7
7	19.69	3.8	38.5	—	—	—	—	—	—
Biological technicians	17.49	14.5	29.8	—	—	—	—	—	—
Chemical technicians	17.37	11.8	39.5	17.36	12.4	39.5	—	—	—
4	16.01	9.1	40.0	—	—	—	—	—	—
7	22.47	8.5	37.2	—	—	—	—	—	—
Science technicians, n.e.c.	14.60	12.3	40.0	14.53	13.0	39.9	—	—	—
5	16.18	10.7	40.0	15.55	11.2	40.0	—	—	—
8	20.17	6.7	40.0	20.17	6.7	40.0	—	—	—
Airplane pilots and navigators	100.92	28.8	17.8	100.92	28.8	17.8	—	—	—
Broadcast equipment operators	13.89	11.3	36.6	14.09	11.8	37.0	—	—	—
4	13.19	12.5	36.7	13.34	12.6	36.5	—	—	—
Computer programmers	22.98	6.5	39.6	22.74	6.7	39.6	29.02	7.9	40.0
7	21.61	8.0	39.6	21.61	8.0	39.6	—	—	—
9	25.58	4.8	39.8	24.53	2.5	39.8	—	—	—
Legal assistants	20.39	5.6	38.3	22.43	3.7	38.8	—	—	—
Technical and related, n.e.c.	21.75	6.7	38.8	23.57	6.5	39.3	18.27	12.1	38.0
4	15.87	9.3	39.0	16.19	9.8	38.9	—	—	—
5	13.59	5.0	38.4	16.01	3.1	39.8	12.61	1.1	37.8
6	21.29	12.2	37.0	—	—	—	18.74	5.7	32.7
7	18.06	3.3	38.6	—	—	—	17.88	7.2	39.0
8	24.90	10.4	39.4	26.25	12.4	39.2	22.03	3.7	39.6
9	26.05	4.8	39.7	27.00	4.6	39.5	—	—	—
Executive, administrative, and managerial	28.44	3.3	39.6	28.06	3.0	39.8	30.47	6.6	38.4
5	14.19	4.8	38.5	14.14	5.2	38.6	14.70	9.0	38.1
6	17.28	3.4	39.8	17.15	3.8	39.9	18.26	3.7	38.9
7	18.45	2.5	39.6	18.42	2.7	39.6	18.63	4.1	39.4
8	20.72	3.4	37.3	20.44	3.6	36.8	22.01	5.2	39.8
9	25.40	2.4	41.0	25.12	2.7	41.3	27.06	5.4	39.0
10	27.51	5.2	37.8	27.13	5.9	38.0	29.85	3.8	36.7
11	32.22	3.3	40.0	31.85	3.9	40.1	34.16	3.0	39.7
12	39.89	2.2	40.0	39.91	2.7	40.4	39.84	3.7	38.7
13	52.41	5.7	39.5	51.14	4.2	39.9	57.04	8.5	38.3
14	57.05	5.3	40.6	58.17	5.8	40.8	49.41	5.2	39.2
15	96.77	15.8	40.1	97.27	16.4	40.1	—	—	—
Not able to be leveled	40.49	20.6	38.9	41.92	24.2	42.7	33.93	8.4	27.7
Executives, administrators, and managers	31.03	3.2	40.1	30.30	3.3	40.6	34.77	6.8	38.1
5	13.26	2.2	39.2	13.37	1.7	39.1	—	—	—
6	15.37	3.0	40.3	15.25	3.2	40.3	—	—	—
7	17.73	4.3	40.7	17.44	4.3	40.8	19.36	6.0	39.8

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
8	\$20.24	5.6	36.9	\$19.99	5.3	36.6	\$22.90	11.3	39.8
9	25.35	3.3	41.6	24.81	3.4	42.0	29.18	7.0	38.8
10	28.94	5.2	40.6	28.76	5.7	41.0	30.50	5.1	37.5
11	32.56	2.8	40.2	31.93	3.2	40.3	35.11	3.3	39.7
12	39.99	2.4	40.2	40.04	2.9	40.7	39.84	3.7	38.7
13	50.66	5.4	39.7	48.14	3.5	40.2	57.04	8.5	38.3
14	59.09	6.0	40.8	60.85	6.6	41.1	49.41	5.2	39.2
15	107.94	12.0	40.2	109.22	12.3	40.2	—	—	—
Not able to be leveled	44.74	22.4	38.8	47.75	26.9	43.7	34.06	8.4	27.7
Legislators	17.89	25.2	8.1	—	—	—	17.89	25.2	8.1
Not able to be leveled	17.89	25.2	8.1	—	—	—	17.89	25.2	8.1
Administrators and officials, public administration									
7	29.92	5.0	39.1	—	—	—	29.84	5.1	39.1
8	19.68	5.4	39.9	—	—	—	19.68	5.4	39.9
9	27.73	4.6	38.1	—	—	—	27.75	4.6	38.1
10	26.32	6.7	40.2	—	—	—	26.32	6.7	40.2
11	31.90	2.8	40.1	—	—	—	32.03	2.8	40.1
12	35.05	5.6	40.5	—	—	—	35.71	6.0	40.5
13	41.14	7.1	40.0	—	—	—	41.14	7.1	40.0
Not able to be leveled	36.54	7.6	37.2	—	—	—	35.75	7.6	37.1
Financial managers									
7	30.84	4.5	39.9	30.87	4.6	39.9	26.39	5.8	39.8
8	16.05	11.0	40.0	16.05	11.0	40.0	—	—	—
9	19.64	8.9	40.1	19.64	8.9	40.1	—	—	—
10	24.01	4.2	39.6	23.99	4.3	39.6	—	—	—
11	27.69	3.4	40.1	27.69	3.4	40.1	—	—	—
12	34.05	5.1	40.1	34.13	5.1	40.1	—	—	—
13	43.38	6.1	39.7	43.40	6.1	39.7	—	—	—
Not able to be leveled	42.27	6.1	39.6	42.27	6.2	39.6	—	—	—
Personnel and labor relations managers									
9	40.68	12.2	46.2	40.56	12.9	46.6	—	—	—
12	21.51	8.3	40.0	20.74	7.3	40.0	—	—	—
13	40.16	9.6	39.6	—	—	—	—	—	—
Purchasing managers									
11	28.97	11.8	41.0	28.99	11.9	41.0	—	—	—
12	28.48	6.9	40.0	28.48	6.9	40.0	—	—	—
Managers, marketing, advertising, and public relations									
9	35.52	12.9	40.8	35.59	13.1	40.8	—	—	—
10	27.24	7.4	40.3	27.24	7.4	40.3	—	—	—
11	36.40	12.5	40.0	36.40	12.5	40.0	—	—	—
12	35.32	7.4	41.4	35.32	7.4	41.4	—	—	—
13	45.83	5.1	40.8	45.86	5.2	40.9	—	—	—
Administrators, education and related fields									
8	36.01	5.5	39.0	22.97	14.5	40.8	39.71	3.1	38.6
9	16.11	8.6	40.0	—	—	—	—	—	—
10	34.05	9.2	39.1	21.79	7.4	37.0	36.56	6.4	39.5
11	32.49	5.1	38.4	—	—	—	33.54	4.7	38.0
12	39.19	3.2	39.6	27.36	6.7	39.9	40.22	2.7	39.5
13	41.95	4.2	37.6	41.05	12.2	39.2	42.00	4.4	37.5
14	46.98	8.3	39.3	—	—	—	45.23	6.8	39.5
Managers, medicine and health									
8	31.81	13.7	39.7	27.93	8.0	40.0	50.96	9.9	38.2
9	22.81	4.2	40.0	22.04	4.1	40.0	—	—	—
10	26.37	4.7	40.7	26.37	4.7	40.7	—	—	—
11	29.17	4.0	40.0	29.78	5.1	40.3	—	—	—
12	38.25	3.9	39.8	38.20	4.0	39.8	—	—	—
13	61.22	4.4	38.6	—	—	—	—	—	—
Managers, food servicing and lodging establishments									
9	17.54	9.6	44.4	17.50	10.1	44.8	—	—	—
Managers, properties and real estate									
9	27.77	20.7	39.6	28.53	21.7	39.6	—	—	—
Managers, service organizations, n.e.c.									
9	22.60	11.1	33.7	22.53	12.1	33.3	23.26	11.3	39.0
10	23.69	4.2	39.8	24.42	3.6	40.1	21.11	5.9	38.6

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Executive, administrative, and managerial									
—Continued									
Executives, administrators, and managers									
—Continued									
Managers, service organizations, n.e.c.									
—Continued									
12	\$43.18	2.5	41.0	\$42.78	2.7	41.1	—	—	—
Managers and administrators, n.e.c.	31.52	5.3	41.5	31.62	5.5	41.5	\$28.90	6.8	40.5
7	19.11	2.9	41.7	19.02	3.0	41.8	—	—	—
8	21.75	7.6	41.6	21.36	6.9	41.6	27.39	14.6	41.5
9	25.72	4.7	43.1	25.84	4.8	43.2	21.74	3.3	39.8
10	31.49	3.5	39.2	31.73	3.5	39.5	—	—	—
11	31.56	4.8	40.3	31.54	4.9	40.3	32.49	7.1	39.5
12	37.52	3.4	41.6	37.84	3.6	41.5	33.05	8.7	42.6
13	47.22	3.3	40.2	47.36	3.3	40.1	—	—	—
14	61.03	6.5	39.4	61.15	6.7	39.4	—	—	—
15	114.03	10.6	39.2	—	—	—	—	—	—
Not able to be leveled	53.85	42.3	40.0	53.85	42.3	40.0	—	—	—
Management related	24.00	6.8	38.7	24.30	7.7	38.7	22.20	3.1	39.0
5	14.41	6.1	38.4	14.31	6.4	38.5	15.51	9.0	37.5
6	17.94	3.6	39.6	17.84	4.2	39.8	18.58	4.2	38.6
7	19.11	2.8	38.6	19.31	3.1	38.6	17.88	4.9	39.0
8	21.26	2.9	37.7	21.09	3.4	36.9	21.70	6.0	39.8
9	25.50	2.8	39.7	25.82	3.2	39.8	24.10	2.7	39.2
10	24.52	7.3	33.1	23.20	7.2	32.4	29.21	5.0	36.0
11	31.44	8.7	39.7	31.70	9.1	39.6	—	—	—
12	38.96	10.4	38.7	38.96	10.4	38.7	—	—	—
Not able to be leveled	22.61	12.7	39.6	22.62	12.8	39.6	—	—	—
Accountants and auditors	21.61	2.2	39.7	21.47	2.3	40.0	22.18	5.7	38.7
5	17.86	3.5	40.0	17.81	3.7	40.0	—	—	—
6	20.04	3.9	39.6	20.25	4.4	40.0	—	—	—
7	19.87	4.8	38.8	20.22	5.0	38.7	—	—	—
8	19.96	4.2	41.3	19.96	5.1	41.7	19.97	5.4	40.0
9	22.26	5.6	39.8	21.79	7.4	40.3	23.35	5.1	38.7
10	27.47	3.5	38.9	—	—	—	—	—	—
11	26.93	3.0	40.0	26.93	3.0	40.0	—	—	—
Underwriters	19.51	8.7	38.3	19.51	8.7	38.3	—	—	—
8	20.68	12.1	38.0	20.68	12.1	38.0	—	—	—
Other financial officers	24.94	6.6	39.8	25.05	7.2	39.8	23.74	5.2	40.0
7	17.21	6.9	39.7	16.95	7.0	39.7	—	—	—
8	19.14	4.1	39.9	19.01	4.4	39.9	—	—	—
9	25.68	6.5	39.8	25.89	7.0	39.8	—	—	—
11	27.49	5.9	40.1	28.16	7.8	40.2	—	—	—
Management analysts	24.18	7.2	39.0	23.57	7.7	39.1	—	—	—
9	28.10	3.3	39.1	28.61	5.1	38.6	—	—	—
Personnel, training, and labor relations specialists	21.65	8.4	36.5	21.73	9.3	36.4	20.89	6.8	38.2
6	17.81	4.5	39.8	17.66	4.4	40.0	—	—	—
7	21.23	6.3	37.3	22.04	6.5	37.9	—	—	—
8	22.33	7.5	31.3	23.09	6.2	30.0	—	—	—
9	27.00	4.5	39.3	27.62	3.8	39.2	—	—	—
Buyers, wholesale and retail trade, except farm products	20.82	7.1	41.0	20.89	7.3	41.0	—	—	—
Purchasing agents and buyers, n.e.c.	30.27	9.6	39.8	30.55	9.6	39.8	—	—	—
7	18.24	3.1	40.0	18.24	3.1	40.0	—	—	—
9	25.89	3.2	40.3	25.89	3.2	40.3	—	—	—
Construction inspectors	22.51	7.5	39.5	—	—	—	22.49	8.2	39.5
7	19.17	8.5	40.6	—	—	—	—	—	—
8	24.98	5.7	39.8	—	—	—	24.98	5.7	39.8
Inspectors and compliance officers, except construction	19.54	3.8	39.1	—	—	—	19.87	3.8	39.0

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Inspectors and compliance officers, except construction—Continued									
8	\$20.10	2.5	39.9	—	—	—	\$20.37	2.2	40.0
Management related, n.e.c.	27.77	13.7	38.6	\$28.13	14.7	38.5	23.90	6.2	39.4
5	15.11	9.2	36.6	15.24	9.4	36.5	—	—	—
6	17.37	8.4	39.9	17.29	8.5	40.0	—	—	—
7	18.27	4.5	35.0	18.03	5.3	34.1	—	—	—
8	21.53	3.5	38.4	21.70	3.7	38.4	—	—	—
9	26.39	5.8	39.6	26.88	6.8	39.7	24.26	2.4	39.3
10	31.46	.6	39.9	31.46	.6	39.9	—	—	—
12	34.94	6.2	38.3	34.94	6.2	38.3	—	—	—
Sales	15.54	7.5	34.0	15.54	7.5	34.0	13.18	9.4	26.5
1	6.94	1.3	25.7	6.94	1.3	25.8	6.98	6.0	19.5
2	7.31	4.4	27.2	7.31	4.4	27.2	—	—	—
3	8.72	3.7	28.7	8.68	3.8	28.7	15.47	6.6	27.8
4	12.03	7.9	37.5	12.04	7.9	37.5	—	—	—
5	14.92	7.0	40.1	14.92	7.0	40.1	—	—	—
6	20.75	7.3	40.1	20.74	7.3	40.1	—	—	—
8	25.98	8.6	42.3	26.01	8.6	42.3	—	—	—
9	32.17	11.5	40.2	32.17	11.5	40.2	—	—	—
11	44.74	14.3	40.8	44.74	14.3	40.8	—	—	—
12	47.37	14.7	41.7	47.37	14.7	41.7	—	—	—
Not able to be leveled	12.04	7.4	30.7	12.04	7.4	30.7	—	—	—
Supervisors, sales	15.60	4.3	40.7	15.59	4.3	40.7	—	—	—
4	10.19	3.9	42.5	10.19	3.9	42.5	—	—	—
5	12.29	6.7	41.7	12.29	6.7	41.7	—	—	—
6	16.16	11.5	40.4	16.16	11.5	40.4	—	—	—
8	18.78	6.5	41.0	18.79	6.6	41.0	—	—	—
10	25.50	11.4	41.5	25.50	11.4	41.5	—	—	—
Insurance sales	23.71	9.7	39.0	23.71	9.7	39.0	—	—	—
Real estate sales	17.45	9.0	32.7	17.45	9.0	32.7	—	—	—
Securities and financial services sales	46.38	10.8	42.6	46.38	10.8	42.6	—	—	—
Advertising and related sales	20.38	6.0	39.8	20.37	6.0	39.8	—	—	—
6	16.73	3.2	39.2	16.67	3.3	39.2	—	—	—
7	18.95	10.1	40.0	18.95	10.1	40.0	—	—	—
Sales, other business services	28.16	20.6	40.1	28.17	20.7	40.1	—	—	—
5	15.14	7.2	40.9	15.14	7.2	40.9	—	—	—
6	24.60	22.4	39.2	24.60	22.4	39.2	—	—	—
9	29.59	15.5	40.0	29.59	15.5	40.0	—	—	—
Sales engineers	48.73	13.1	41.0	48.73	13.1	41.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	29.99	15.5	40.9	29.99	15.5	40.9	—	—	—
5	30.50	22.7	40.0	30.50	22.7	40.0	—	—	—
6	17.66	3.7	42.5	17.66	3.7	42.5	—	—	—
7	43.21	27.4	40.0	43.21	27.4	40.0	—	—	—
8	21.72	12.6	42.7	21.72	12.6	42.7	—	—	—
10	29.46	17.6	40.0	29.46	17.6	40.0	—	—	—
11	36.04	7.7	40.5	36.04	7.7	40.5	—	—	—
Sales workers, motor vehicles and boats	16.79	9.2	45.2	16.79	9.2	45.2	—	—	—
4	17.31	10.0	43.2	17.31	10.0	43.2	—	—	—
5	16.58	14.4	45.9	16.58	14.4	45.9	—	—	—
Sales workers, apparel	7.94	7.0	23.0	7.94	7.0	23.0	—	—	—
1	6.98	2.5	26.0	6.98	2.5	26.0	—	—	—
2	8.13	9.0	26.3	8.13	9.0	26.3	—	—	—
Sales workers, furniture and home furnishings ..	15.50	26.0	32.4	15.50	26.0	32.4	—	—	—
4	20.44	24.6	42.6	20.44	24.6	42.6	—	—	—
Sales workers, radio, tv, hi-fi, and appliances ...	13.03	22.4	28.5	13.03	22.4	28.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales workers, hardware and building supplies	\$20.75	24.3	38.8	\$20.75	24.3	38.8	—	—	—
3	8.02	6.4	36.7	8.02	6.4	36.7	—	—	—
4	10.95	12.2	36.8	10.95	12.2	36.8	—	—	—
Sales workers, parts	13.27	6.1	40.2	13.27	6.1	40.2	—	—	—
4	13.07	5.9	41.9	13.07	5.9	41.9	—	—	—
Sales workers, other commodities	13.06	23.9	31.3	13.07	23.9	31.3	—	—	—
1	7.06	2.0	26.8	7.06	2.0	26.7	—	—	—
2	7.02	5.3	29.3	7.02	5.3	29.3	—	—	—
3	8.85	4.4	29.5	8.85	4.4	29.5	—	—	—
4	9.28	5.9	31.2	9.28	5.9	31.2	—	—	—
Sales counter clerks	7.42	3.9	31.4	7.42	3.9	31.4	—	—	—
1	7.45	4.6	19.9	7.45	4.6	19.9	—	—	—
2	7.90	6.0	26.6	7.90	6.0	26.6	—	—	—
3	7.24	4.9	38.2	7.24	4.9	38.2	—	—	—
Cashiers	7.40	2.2	27.0	7.37	2.2	27.0	\$12.03	13.3	24.2
1	6.82	1.6	25.5	6.82	1.7	25.5	6.59	5.7	18.1
2	7.25	5.3	27.3	7.25	5.3	27.3	—	—	—
3	8.36	3.0	28.7	8.26	3.0	28.8	15.47	6.6	27.8
4	9.25	7.8	36.6	9.26	7.9	36.5	—	—	—
Sales support, n.e.c.	10.69	10.7	33.3	10.66	10.8	33.3	—	—	—
Administrative support, including clerical	12.28	3.7	36.6	12.16	4.1	36.6	12.99	2.5	36.5
1	8.37	3.9	26.4	8.36	4.5	26.7	8.43	5.0	25.0
2	9.27	2.2	31.2	9.14	2.1	31.3	10.16	3.9	30.9
3	9.60	5.4	36.5	9.43	5.3	36.5	11.43	1.6	36.0
4	12.30	1.7	37.2	12.23	1.8	37.1	12.58	4.3	37.8
5	14.73	1.6	38.7	14.62	1.7	39.0	15.33	3.8	37.3
6	14.92	2.9	38.8	15.09	4.1	38.9	14.36	3.5	38.8
7	18.69	3.3	39.3	18.77	3.7	39.4	18.15	3.2	38.9
8	22.14	8.9	39.7	22.35	9.3	39.7	—	—	—
9	21.60	3.6	39.3	21.60	3.6	39.3	—	—	—
11	40.43	6.8	36.8	40.43	6.8	36.8	—	—	—
Not able to be leveled	11.92	7.4	39.5	11.91	7.4	39.5	—	—	—
Supervisors, general office	17.59	10.3	38.7	17.90	11.6	38.7	15.64	9.5	38.4
5	13.28	1.3	40.5	13.21	1.1	40.5	—	—	—
6	13.77	16.1	37.9	13.90	19.6	37.9	—	—	—
7	20.92	10.7	38.4	21.30	11.6	38.3	18.79	4.4	39.0
8	20.60	3.9	40.0	21.27	4.4	40.0	—	—	—
Supervisors, computer equipment operators	26.38	16.1	39.0	—	—	—	—	—	—
Supervisors, financial records processing	18.79	6.5	39.1	18.77	6.6	39.1	—	—	—
6	16.60	5.4	39.6	16.60	5.4	39.6	—	—	—
7	17.67	6.8	38.6	17.67	6.8	38.6	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	17.48	5.5	39.7	16.88	5.2	40.1	20.87	10.5	37.7
5	18.26	10.9	40.4	—	—	—	—	—	—
8	18.50	9.5	40.3	18.46	9.6	40.3	—	—	—
Computer operators	16.07	5.2	39.3	15.77	5.6	39.4	17.41	9.4	38.9
4	13.98	3.3	39.2	13.93	3.7	39.7	—	—	—
5	16.17	6.4	39.5	15.33	4.9	39.4	—	—	—
7	17.83	7.9	39.5	17.89	9.9	40.0	—	—	—
Secretaries	13.65	3.0	38.4	13.90	4.3	38.5	13.03	3.3	38.1
2	8.75	11.8	34.8	—	—	—	10.45	6.0	28.0
3	11.58	2.4	38.0	11.05	3.2	38.2	11.97	3.4	37.8
4	12.10	4.1	38.2	12.00	5.8	38.0	12.31	4.3	38.7
5	14.69	3.6	38.4	14.87	4.2	38.7	13.79	3.0	36.6
6	15.66	3.8	39.0	16.69	2.6	38.9	13.39	2.4	39.3
7	18.69	4.3	39.3	18.46	4.9	39.5	19.69	6.6	38.9
Stenographers	12.95	3.6	34.8	12.39	3.5	34.4	15.98	3.6	36.7
4	12.91	4.4	34.1	12.68	3.9	33.9	—	—	—
Typists	12.78	6.9	36.6	14.04	14.1	35.3	12.10	5.9	37.4

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Typists—Continued									
3	\$12.52	6.1	36.6	\$12.01	8.3	34.9	\$12.83	8.1	37.7
4	12.62	16.8	38.5	—	—	—	—	—	—
Interviewers	8.94	7.2	27.5	8.77	6.7	27.5	—	—	—
4	12.06	9.4	33.8	11.16	6.1	35.3	—	—	—
Hotel clerks	8.15	4.4	34.2	8.15	4.4	34.2	—	—	—
2	7.40	7.8	34.7	7.40	7.8	34.7	—	—	—
3	8.55	4.5	31.3	8.55	4.5	31.3	—	—	—
Transportation ticket and reservation agents	13.36	6.0	34.0	13.36	6.0	34.0	—	—	—
3	13.73	1.6	32.6	13.73	1.6	32.6	—	—	—
4	12.93	12.0	34.0	12.93	12.0	34.0	—	—	—
5	14.91	13.9	37.5	14.91	13.9	37.5	—	—	—
Receptionists	10.18	5.5	36.1	10.17	5.5	36.2	11.82	11.2	26.8
2	8.58	4.4	36.8	8.58	4.4	36.9	—	—	—
3	10.22	1.3	37.5	10.18	1.2	37.6	—	—	—
4	12.37	10.2	39.5	12.37	10.2	39.5	—	—	—
Information clerks, n.e.c.	14.26	5.4	35.2	14.28	5.6	35.1	13.91	9.5	37.9
2	9.21	9.6	32.6	—	—	—	—	—	—
3	11.74	5.6	29.7	11.69	5.6	29.7	—	—	—
4	12.77	2.3	38.6	12.96	2.2	38.4	—	—	—
5	14.08	3.9	39.4	14.08	3.9	39.4	—	—	—
Order clerks	12.17	3.6	34.6	12.16	3.6	34.6	—	—	—
2	9.42	6.3	27.5	9.42	6.3	27.5	—	—	—
3	10.48	5.9	31.7	10.48	5.9	31.7	—	—	—
4	13.30	3.0	39.9	13.28	3.0	39.9	—	—	—
5	14.34	6.0	40.0	14.35	6.0	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	14.07	6.4	38.7	14.51	5.3	38.9	13.25	14.3	38.3
4	12.18	8.7	37.9	14.15	4.7	38.6	—	—	—
6	14.50	9.3	38.3	14.33	9.6	38.3	—	—	—
Library clerks	10.44	6.2	27.0	12.79	7.8	33.5	9.87	5.9	25.8
1	7.29	3.6	14.8	—	—	—	7.29	3.8	14.7
2	8.77	5.6	22.6	—	—	—	8.63	5.9	23.1
3	10.16	4.4	25.9	10.53	4.7	29.4	10.10	5.0	25.4
4	10.54	12.1	35.3	13.77	8.4	39.0	9.47	8.4	34.2
5	14.08	9.1	27.3	—	—	—	14.09	9.2	27.5
File clerks	9.80	4.2	32.9	9.81	4.2	33.0	—	—	—
1	7.95	5.5	26.2	7.96	5.5	26.6	—	—	—
2	11.03	11.4	36.9	11.03	11.4	36.9	—	—	—
3	9.31	6.1	28.9	9.32	6.2	28.7	—	—	—
Records clerks, n.e.c.	12.62	5.4	37.0	12.29	6.0	36.9	13.92	11.4	37.8
1	8.02	6.7	38.6	—	—	—	—	—	—
2	9.37	2.5	34.0	9.27	2.3	34.6	—	—	—
3	10.27	7.7	32.8	10.28	8.1	32.5	—	—	—
4	14.56	6.4	38.2	13.96	7.3	38.6	16.96	15.9	36.6
5	13.19	5.3	39.0	13.15	6.6	38.6	13.25	8.5	39.7
6	15.53	3.0	38.3	15.28	3.0	39.3	—	—	—
7	14.27	4.1	39.7	—	—	—	—	—	—
Bookkeepers, accounting and auditing clerks ...	10.05	10.0	38.3	9.86	9.8	38.3	13.32	6.3	38.2
2	9.61	2.8	33.1	9.42	2.0	33.1	—	—	—
3	—	—	—	—	—	—	12.35	4.8	34.2
4	11.30	2.8	38.3	11.13	3.3	38.3	12.24	6.9	38.2
5	13.42	3.4	39.1	13.30	3.8	39.3	14.67	2.5	37.8
6	15.43	3.4	37.7	15.24	4.6	37.1	15.98	2.8	39.3
7	16.49	5.7	40.0	16.63	6.1	40.0	14.30	3.0	39.5
Payroll and timekeeping clerks	15.41	5.3	37.9	15.30	6.0	37.9	16.40	9.6	38.5
3	11.63	3.0	40.0	11.63	3.0	40.0	—	—	—
4	14.86	8.1	39.1	14.88	9.0	39.0	—	—	—
5	16.28	10.6	39.8	16.28	10.6	39.8	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Payroll and timekeeping clerks—Continued									
6	\$16.20	4.8	40.0	\$15.64	4.6	40.0	—	—	—
Billing clerks	12.05	3.5	31.1	12.02	3.6	30.8	\$12.71	5.1	39.9
3	10.42	8.9	38.9	10.39	8.9	38.9	—	—	—
4	11.74	3.2	27.7	—	—	—	—	—	—
5	14.43	6.8	34.1	14.49	7.5	33.6	—	—	—
Billing, posting, and calculating machine operators	9.82	7.7	36.8	9.82	7.7	36.8	—	—	—
Telephone operators	12.47	8.3	32.5	12.67	8.5	32.1	—	—	—
2	13.36	9.6	34.8	13.63	9.3	34.6	—	—	—
3	11.10	8.2	31.7	11.06	9.1	31.1	—	—	—
Mail clerks, except postal service	10.22	5.3	31.5	10.17	5.4	31.3	—	—	—
2	9.10	6.1	28.0	9.10	6.1	28.0	—	—	—
3	10.20	5.7	38.5	10.04	5.9	38.4	—	—	—
Dispatchers	13.17	5.8	38.9	—	—	—	13.13	8.2	37.8
3	12.17	5.9	30.0	—	—	—	—	—	—
4	—	—	—	—	—	—	10.99	16.6	39.7
5	13.19	9.2	40.4	11.74	13.8	40.9	15.05	3.0	39.8
6	14.72	3.5	40.0	—	—	—	14.72	3.5	40.0
Production coordinators	17.49	6.0	39.9	17.49	6.0	39.9	—	—	—
4	13.42	6.1	42.9	13.42	6.1	42.9	—	—	—
6	16.29	5.4	40.0	16.29	5.4	40.0	—	—	—
7	18.05	5.7	40.1	18.05	5.7	40.1	—	—	—
Traffic, shipping and receiving clerks	12.13	10.8	39.6	12.13	10.8	39.6	—	—	—
2	10.02	2.5	34.1	10.02	2.5	34.1	—	—	—
3	9.01	6.4	40.0	9.01	6.4	40.0	—	—	—
4	14.80	7.6	40.0	14.80	7.6	40.0	—	—	—
5	12.93	3.6	40.0	12.93	3.6	40.0	—	—	—
Stock and inventory clerks	12.41	4.0	32.7	12.30	4.6	32.3	13.48	1.4	37.6
3	10.23	4.0	25.6	10.19	4.0	25.5	—	—	—
4	13.12	4.8	38.9	13.09	6.0	39.3	—	—	—
5	16.78	7.5	39.1	16.96	8.2	39.2	—	—	—
Meter readers	13.63	1.4	39.8	—	—	—	—	—	—
Weighers, measurers, checkers, and samplers	14.06	10.8	40.0	14.06	10.8	40.0	—	—	—
3	14.79	14.6	40.0	14.79	14.6	40.0	—	—	—
Expeditors	12.48	13.7	34.7	12.48	13.8	34.7	—	—	—
4	11.22	4.7	35.2	11.19	4.8	35.1	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	18.76	8.3	39.2	18.76	8.3	39.2	—	—	—
3	17.18	14.8	40.0	17.18	14.8	40.0	—	—	—
4	11.90	13.0	38.5	11.90	13.0	38.5	—	—	—
5	16.58	7.0	40.0	16.58	7.0	40.0	—	—	—
Insurance adjusters, examiners, and investigators	16.79	14.2	35.6	16.79	14.2	35.6	—	—	—
5	13.95	13.7	35.8	13.95	13.7	35.8	—	—	—
6	15.49	6.6	38.5	15.49	6.6	38.5	—	—	—
7	18.29	5.4	38.8	18.29	5.4	38.8	—	—	—
Investigators and adjusters, except insurance ...	13.16	7.7	39.0	13.03	8.0	39.2	16.18	4.7	35.9
3	8.89	6.8	38.6	8.80	6.5	39.2	—	—	—
4	11.07	4.5	38.5	11.04	4.5	38.5	—	—	—
5	16.59	6.2	39.9	16.59	6.3	39.9	—	—	—
6	16.13	6.8	39.8	—	—	—	—	—	—
7	18.47	4.3	39.7	18.54	5.1	39.6	—	—	—
Eligibility clerks, social welfare	14.53	4.5	40.0	—	—	—	15.66	3.5	40.0
4	12.75	7.0	40.0	—	—	—	—	—	—
6	16.23	3.9	40.0	—	—	—	16.23	3.9	40.0
Bill and account collectors	12.61	11.8	37.5	12.57	12.1	37.5	—	—	—
3	11.58	6.2	36.2	11.58	6.2	36.2	—	—	—
4	11.70	7.7	36.5	11.70	7.7	36.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Bill and account collectors—Continued									
5	\$18.32	12.2	39.9	—	—	—	—	—	—
General office clerks									
1	11.53	2.6	36.2	\$11.06	3.1	35.7	\$13.34	3.3	38.1
2	8.37	2.8	25.9	8.32	2.8	26.4	8.95	7.6	20.9
3	8.38	7.1	36.2	8.19	7.3	36.3	9.84	4.7	35.9
4	10.12	2.7	35.5	9.92	2.8	35.1	11.50	2.0	38.7
5	12.76	3.0	36.1	12.25	4.0	35.0	13.77	3.4	38.7
6	14.85	5.4	38.9	14.21	4.4	39.3	17.04	9.7	37.7
7	15.79	7.8	39.8	17.20	5.6	39.8	—	—	—
Not able to be leveled	17.21	5.8	39.2	16.47	6.6	40.0	—	—	—
Bank tellers	10.14	12.2	40.0	10.14	12.2	40.0	—	—	—
2	9.26	2.9	33.3	9.26	2.9	33.3	—	—	—
3	8.63	3.0	31.8	8.63	3.0	31.8	—	—	—
4	8.95	3.7	33.7	8.95	3.7	33.7	—	—	—
Data entry keyers	10.79	6.2	36.1	10.79	6.3	36.1	—	—	—
2	11.23	5.1	36.8	11.20	5.5	36.6	11.67	3.5	39.1
3	10.03	3.1	34.9	10.04	3.1	34.8	—	—	—
4	11.03	4.4	37.6	10.96	4.9	37.4	—	—	—
Statistical clerks	16.00	17.0	37.4	16.53	18.3	37.3	—	—	—
Teachers' aides	12.18	7.8	37.7	12.23	8.1	37.6	—	—	—
1	10.52	4.6	32.5	7.28	3.9	27.2	10.80	4.6	33.1
2	8.68	5.5	29.9	6.87	7.8	23.5	9.40	2.8	33.6
3	9.43	5.4	29.2	—	—	—	9.68	5.5	29.9
4	10.15	2.2	35.0	—	—	—	10.15	2.2	35.0
5	11.29	12.6	34.3	—	—	—	11.76	13.6	33.7
Administrative support, n.e.c.	17.55	12.8	33.5	—	—	—	17.55	12.8	33.5
2	12.41	2.7	35.8	12.24	2.8	35.7	13.32	5.8	36.6
3	10.15	3.1	32.4	9.95	3.8	32.9	10.73	4.5	31.2
4	12.06	2.8	32.7	11.94	4.4	32.1	12.44	4.9	35.1
5	11.37	3.3	36.3	11.30	3.3	36.0	11.84	10.3	38.2
6	14.43	4.1	38.5	14.41	5.1	38.5	14.51	2.1	38.3
7	15.60	6.5	39.7	15.09	6.8	39.7	—	—	—
Not able to be leveled	16.25	2.4	39.2	15.80	2.9	38.8	—	—	—
Blue collar	11.91	7.7	37.3	11.91	7.7	37.3	—	—	—
1	14.63	2.5	38.0	14.54	2.6	38.0	16.88	2.2	36.5
2	8.39	3.6	32.4	8.32	3.6	32.3	12.98	14.5	36.4
3	10.35	2.2	36.5	10.25	2.2	36.6	13.19	4.6	35.8
4	14.61	5.5	38.6	14.61	5.6	38.9	14.46	5.2	31.1
5	15.00	3.2	39.1	14.98	3.2	39.3	15.53	3.0	34.4
6	15.19	1.9	39.4	15.12	2.0	39.5	16.14	3.4	37.4
7	15.42	8.7	40.1	15.35	8.8	40.1	17.92	2.8	39.8
8	21.77	1.6	40.0	21.83	1.7	40.0	21.09	3.9	39.9
9	23.30	4.0	40.7	23.30	4.2	40.7	23.09	7.1	39.9
10	26.03	2.5	39.8	26.04	2.5	39.8	25.34	2.4	40.4
Not able to be leveled	25.26	8.6	42.1	25.26	8.6	42.1	—	—	—
Precision production, craft, and repair	13.36	10.0	39.9	13.36	10.0	39.9	—	—	—
2	17.89	4.9	39.7	17.82	5.2	39.7	18.99	3.0	39.6
3	10.84	5.1	34.3	10.84	5.1	34.3	—	—	—
4	12.85	8.6	38.9	12.80	9.1	38.9	—	—	—
5	14.64	7.8	39.8	14.69	8.0	40.0	13.40	13.0	37.3
6	14.94	3.5	39.5	14.83	3.8	39.5	16.10	5.0	39.5
7	14.77	9.9	39.9	14.68	9.8	39.9	18.68	3.5	39.7
8	22.13	1.7	39.8	22.20	1.7	39.8	21.15	4.6	39.9
9	23.32	4.2	40.7	23.36	4.4	40.7	22.43	7.0	40.0
10	26.09	2.5	39.8	26.11	2.5	39.8	—	—	—
Not able to be leveled	25.26	8.6	42.1	25.26	8.6	42.1	—	—	—
Precision production, craft, and repair	14.39	16.2	40.0	14.39	16.2	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Supervisors, mechanics and repairers	—	—	—	—	—	—	\$21.10	11.2	40.1
7	\$22.49	9.3	40.3	\$24.35	10.0	40.6	—	—	—
8	24.73	7.3	43.8	24.75	7.4	43.8	—	—	—
9	28.33	4.0	40.0	28.52	4.2	40.0	—	—	—
Automobile mechanics	15.30	11.2	40.3	15.13	11.5	40.3	17.88	4.8	40.0
6	22.03	12.5	41.9	22.82	13.9	42.4	—	—	—
7	19.55	4.2	40.3	20.14	4.4	40.4	17.87	7.2	40.0
Bus, truck, and stationary engine mechanics	18.02	2.6	40.0	18.00	2.9	40.0	18.21	2.1	40.0
5	14.41	7.2	40.0	13.41	5.7	40.0	—	—	—
7	18.74	3.6	40.0	18.78	3.9	40.0	18.18	3.6	40.0
Automobile body and related repairers	25.79	17.7	42.0	25.79	17.7	42.0	—	—	—
Aircraft mechanics, except engine	21.82	1.2	40.0	21.82	1.2	40.0	—	—	—
Heavy equipment mechanics	19.31	11.9	39.6	20.01	13.8	39.6	16.08	8.2	39.8
5	13.36	5.4	40.0	—	—	—	—	—	—
6	17.11	7.4	39.8	—	—	—	—	—	—
7	23.63	8.4	39.4	23.75	8.3	39.4	—	—	—
Industrial machinery repairers	19.33	2.7	39.9	19.28	2.8	39.9	24.58	19.4	40.0
6	16.76	3.3	40.0	16.76	3.3	40.0	—	—	—
7	21.64	3.2	39.9	21.67	3.3	39.9	19.76	1.6	40.0
8	22.42	7.7	39.7	20.99	4.5	39.6	—	—	—
Machinery maintenance	15.52	7.4	38.6	15.69	7.8	39.0	—	—	—
5	13.77	4.4	38.3	—	—	—	—	—	—
Electronic repairers, communications and industrial equipment	17.13	8.4	39.9	17.13	8.4	39.9	—	—	—
7	19.22	8.2	40.0	19.22	8.2	40.0	—	—	—
Household appliance and power tool repairers	12.97	15.5	36.7	12.97	15.5	36.7	—	—	—
Telephone installers and repairers	17.54	8.7	40.0	17.54	8.7	40.0	—	—	—
7	23.49	1.9	40.0	23.49	1.9	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.25	8.7	40.0	15.99	11.3	40.0	17.07	2.1	39.9
7	17.93	10.6	39.9	18.46	18.0	39.9	—	—	—
Mechanical controls and valve repairers	16.95	6.3	36.5	—	—	—	17.04	7.1	36.1
Millwrights	23.34	2.5	40.0	23.35	2.5	40.0	—	—	—
7	23.43	2.5	40.0	23.45	2.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	15.89	5.3	39.0	15.91	5.6	39.0	15.41	11.1	39.9
5	16.14	3.4	40.0	16.59	3.5	40.0	12.54	8.3	40.0
6	16.27	7.5	40.0	16.26	7.5	40.0	—	—	—
7	18.13	7.7	40.0	18.03	8.1	40.0	19.66	2.5	40.0
Supervisors, carpenters and related workers	23.15	6.1	40.0	23.19	6.1	40.0	—	—	—
Supervisors, electricians and power transmission installers	27.57	3.4	40.4	27.57	3.4	40.4	—	—	—
9	27.72	3.1	40.0	27.72	3.1	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	32.14	3.7	40.0	32.51	3.3	40.0	—	—	—
9	29.80	2.3	40.1	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	21.95	7.1	39.3	22.08	7.9	39.3	20.66	3.2	39.8
6	17.51	11.5	39.6	—	—	—	—	—	—
7	22.67	5.3	39.0	23.01	5.6	38.9	19.97	5.9	39.9
9	30.05	4.1	37.2	30.11	4.1	37.2	—	—	—
Brickmasons and stonemasons	24.16	7.9	39.2	24.78	7.6	39.1	—	—	—
Carpenters	20.33	8.2	40.0	20.43	8.6	40.0	18.86	17.0	40.0
5	14.22	19.0	39.9	14.51	21.6	39.9	—	—	—
7	23.72	8.5	40.0	23.72	8.9	40.0	23.79	13.3	40.0
Electricians	22.34	5.1	40.0	22.04	5.5	40.0	25.56	6.7	39.9
6	17.54	15.9	40.0	17.54	15.9	40.0	—	—	—
7	24.40	3.0	40.0	24.15	3.3	40.0	26.17	5.2	39.9
8	21.33	11.0	40.0	21.33	11.0	40.0	—	—	—
Electrician apprentices	14.80	13.5	40.0	14.80	13.5	40.0	—	—	—
5	17.86	8.8	40.0	17.86	8.8	40.0	—	—	—
Electrical power installers and repairers	25.31	4.4	40.0	25.88	4.2	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Electrical power installers and repairers—Continued									
7	\$25.28	4.9	40.0	\$25.33	5.0	40.0	—	—	—
8	26.73	5.2	40.0	27.64	3.8	40.0	—	—	—
Painters, construction and maintenance	20.28	7.4	40.0	20.33	8.2	40.0	\$19.82	6.2	39.9
7	23.13	5.0	40.0	23.84	5.2	40.0	—	—	—
Plumbers, pipefitters and steamfitters	23.55	3.4	39.9	24.09	3.3	40.0	19.99	5.8	39.6
5	16.06	10.0	40.0	—	—	—	—	—	—
7	24.42	3.5	40.0	24.72	3.6	40.0	20.89	12.2	39.6
8	27.37	3.5	40.0	27.37	3.5	40.0	—	—	—
Concrete and terrazzo finishers	23.26	9.7	40.0	—	—	—	—	—	—
Paving, surfacing, and tamping equipment operators	20.67	13.8	40.0	—	—	—	—	—	—
Construction trades, n.e.c.	18.59	11.4	39.3	20.24	15.9	39.3	16.02	6.4	39.5
4	14.95	6.3	39.8	—	—	—	13.12	15.8	39.4
5	17.55	7.8	39.4	—	—	—	17.00	8.7	39.3
6	19.37	5.0	39.7	—	—	—	—	—	—
Supervisors, production	20.55	2.9	40.5	20.57	2.9	40.5	—	—	—
5	14.74	4.1	41.3	14.74	4.1	41.3	—	—	—
6	21.38	10.5	40.0	21.52	10.4	40.0	—	—	—
7	20.02	4.0	40.6	20.02	4.0	40.6	—	—	—
8	20.95	5.6	40.6	20.95	5.6	40.6	—	—	—
9	26.00	2.9	40.9	26.00	2.9	40.9	—	—	—
Tool and die makers	23.74	3.0	40.3	23.74	3.0	40.3	—	—	—
7	24.06	2.8	40.3	24.06	2.8	40.3	—	—	—
Tool and die maker apprentices	18.79	13.1	39.6	18.79	13.1	39.6	—	—	—
Precision assemblers, metal	19.88	7.2	40.0	19.88	7.2	40.0	—	—	—
5	17.63	3.8	40.0	17.63	3.8	40.0	—	—	—
Machinists	18.04	6.2	39.9	17.94	6.3	39.9	—	—	—
4	13.89	8.4	40.0	13.89	8.4	40.0	—	—	—
5	15.70	3.0	40.0	15.70	3.0	40.0	—	—	—
7	19.22	9.4	39.8	19.07	9.5	39.8	—	—	—
Precision grinders, filers, and tool sharpeners ...	16.83	9.7	40.0	16.83	9.7	40.0	—	—	—
5	15.28	6.4	40.0	15.28	6.4	40.0	—	—	—
7	22.47	8.2	40.0	22.47	8.2	40.0	—	—	—
Patternmakers and modelmakers, metal	19.96	11.8	40.0	19.96	11.8	40.0	—	—	—
Sheet metal workers	23.99	7.4	40.0	23.99	7.4	40.0	—	—	—
7	26.91	3.5	40.0	26.91	3.5	40.0	—	—	—
Cabinet makers and bench carpenters	12.40	16.7	39.7	12.19	17.2	39.7	—	—	—
Electrical and electronic equipment assemblers	10.41	9.0	39.7	10.41	9.0	39.7	—	—	—
2	9.86	9.7	40.0	9.86	9.7	40.0	—	—	—
4	12.61	5.4	40.0	12.61	5.4	40.0	—	—	—
5	14.20	3.9	40.0	14.20	3.9	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.89	5.3	40.0	16.95	5.5	40.0	—	—	—
4	14.35	7.5	40.0	14.35	7.5	40.0	—	—	—
7	19.10	7.1	40.0	19.41	7.3	40.0	—	—	—
Butchers and meat cutters	10.26	14.9	37.3	10.26	14.9	37.3	—	—	—
4	12.01	10.9	40.0	12.01	10.9	40.0	—	—	—
5	14.07	2.8	40.0	14.07	2.8	40.0	—	—	—
7	15.99	5.5	40.0	15.99	5.5	40.0	—	—	—
Bakers	12.17	8.3	34.1	12.17	8.3	34.1	—	—	—
Food batchmakers	12.84	7.4	40.0	12.84	7.4	40.0	—	—	—
Inspectors, testers, and graders	18.22	9.0	40.1	18.21	9.1	40.1	—	—	—
5	15.65	5.0	40.2	15.65	5.0	40.2	—	—	—
7	22.09	4.6	40.2	22.24	4.8	40.2	—	—	—
Water and sewer treatment plant operators	17.79	4.6	40.0	—	—	—	18.12	4.2	40.0
5	16.05	2.7	40.0	—	—	—	16.05	2.7	40.0
7	20.25	3.8	40.0	—	—	—	20.39	4.1	40.0
Stationary engineers	22.92	5.8	39.6	20.64	4.8	40.0	25.01	7.2	39.3
7	23.80	5.8	39.6	21.68	5.5	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors	\$13.58	4.0	39.5	\$13.58	4.0	39.5	\$15.54	11.4	39.6
1	8.06	6.9	38.6	8.06	6.9	38.6	—	—	—
2	10.10	3.3	38.2	10.10	3.3	38.2	—	—	—
3	15.71	7.1	39.9	15.71	7.1	39.9	—	—	—
4	15.00	4.2	39.8	15.00	4.2	39.8	—	—	—
5	14.39	1.9	39.9	14.39	1.9	39.9	—	—	—
6	17.20	6.7	39.8	17.20	6.7	39.8	—	—	—
7	18.41	2.3	41.5	18.40	2.3	41.5	—	—	—
Not able to be leveled	12.85	9.9	39.9	12.85	9.9	39.9	—	—	—
Lathe and turning machine set-up operators	15.75	4.1	40.0	15.75	4.1	40.0	—	—	—
Lathe and turning machine operators	15.11	6.5	40.0	15.11	6.5	40.0	—	—	—
4	16.19	6.7	40.0	16.19	6.7	40.0	—	—	—
5	17.58	10.0	40.0	17.58	10.0	40.0	—	—	—
Milling and planing machine operators	13.83	13.8	39.5	13.83	13.8	39.5	—	—	—
5	15.14	4.5	40.0	15.14	4.5	40.0	—	—	—
Punching and stamping press operators	12.41	11.5	37.8	12.41	11.5	37.8	—	—	—
1	10.75	11.6	37.3	10.75	11.6	37.3	—	—	—
3	17.63	9.7	40.0	17.63	9.7	40.0	—	—	—
4	13.82	9.0	40.0	13.82	9.0	40.0	—	—	—
5	13.19	2.2	40.0	13.19	2.2	40.0	—	—	—
Rolling machine operators	14.70	7.9	40.0	14.70	7.9	40.0	—	—	—
Drilling and boring machine operators	14.28	6.0	40.0	14.28	6.0	40.0	—	—	—
2	8.91	6.2	40.0	8.91	6.2	40.0	—	—	—
3	13.10	4.4	40.0	13.10	4.4	40.0	—	—	—
4	16.23	4.5	40.0	16.23	4.5	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.62	3.8	38.2	13.62	3.8	38.2	—	—	—
1	9.38	1.5	40.0	9.38	1.5	40.0	—	—	—
2	9.32	6.4	30.3	9.32	6.4	30.3	—	—	—
3	15.03	3.7	39.8	15.03	3.7	39.8	—	—	—
4	15.01	4.6	39.9	15.01	4.6	39.9	—	—	—
Forging machine operators	14.73	5.2	40.0	14.73	5.2	40.0	—	—	—
Numerical control machine operators	14.84	3.7	40.0	14.84	3.7	40.0	—	—	—
2	11.17	3.3	40.0	11.17	3.3	40.0	—	—	—
3	12.46	10.1	40.0	12.46	10.1	40.0	—	—	—
4	15.82	6.1	40.0	15.82	6.1	40.0	—	—	—
6	16.18	1.9	40.0	16.18	1.9	40.0	—	—	—
7	20.22	1.3	40.0	20.22	1.3	40.0	—	—	—
Fabricating machine operators, n.e.c.	15.78	4.9	39.9	15.78	4.9	39.9	—	—	—
2	9.22	6.9	39.9	9.22	6.9	39.9	—	—	—
3	17.20	6.9	39.9	17.20	6.9	39.9	—	—	—
4	18.19	4.8	39.7	18.19	4.8	39.7	—	—	—
6	16.17	6.4	40.0	16.17	6.4	40.0	—	—	—
7	17.27	3.6	40.0	17.27	3.6	40.0	—	—	—
Molding and casting machine operators	10.75	3.5	39.7	10.75	3.5	39.7	—	—	—
1	9.15	6.3	39.5	9.15	6.3	39.5	—	—	—
2	9.62	3.6	39.3	9.62	3.6	39.3	—	—	—
3	11.24	5.3	39.9	11.24	5.3	39.9	—	—	—
4	11.73	7.0	40.0	11.73	7.0	40.0	—	—	—
5	14.24	6.3	40.0	14.24	6.3	40.0	—	—	—
Metal plating machine operators	13.70	7.8	38.1	13.70	7.8	38.1	—	—	—
Heat treating equipment operators	13.92	9.0	40.0	13.92	9.0	40.0	—	—	—
3	20.17	10.2	40.0	20.17	10.2	40.0	—	—	—
Printing press operators	13.42	4.7	39.6	13.40	4.8	39.6	—	—	—
3	13.21	5.8	38.9	13.21	5.8	38.9	—	—	—
4	12.33	6.9	39.9	12.27	6.9	39.9	—	—	—
7	18.99	10.9	39.3	18.99	10.9	39.3	—	—	—
Photoengravers and lithographers	17.80	6.9	39.1	17.80	6.9	39.1	—	—	—
7	17.50	9.2	39.4	17.50	9.2	39.4	—	—	—
Typesetters and compositors	12.61	8.2	39.4	12.61	8.2	39.4	—	—	—
Textile sewing machine operators	8.53	5.5	39.4	8.53	5.5	39.4	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Textile sewing machine operators—Continued									
2	\$8.34	5.8	40.0	\$8.34	5.8	40.0	—	—	—
3	9.02	4.0	37.9	9.02	4.0	37.9	—	—	—
Laundering and dry cleaning machine operators									
1	7.89	3.3	36.5	7.84	3.3	36.5	—	—	—
2	7.37	3.2	36.1	7.25	2.9	36.0	—	—	—
2	7.90	2.9	34.9	7.90	2.9	34.9	—	—	—
Packaging and filling machine operators									
1	15.08	8.9	38.8	15.08	8.9	38.8	—	—	—
2	10.96	17.8	33.9	10.96	17.8	33.9	—	—	—
2	13.04	5.4	37.3	13.04	5.4	37.3	—	—	—
3	12.69	5.8	40.0	12.69	5.8	40.0	—	—	—
4	17.35	16.3	39.8	17.35	16.3	39.8	—	—	—
5	15.75	6.2	39.8	15.75	6.2	39.8	—	—	—
Extruding and forming machine operators									
2	10.83	9.7	39.6	10.83	9.7	39.6	—	—	—
3	16.25	25.2	39.9	16.25	25.2	39.9	—	—	—
5	15.60	6.3	40.0	15.60	6.3	40.0	—	—	—
Mixing and blending machine operators									
2	16.33	4.7	42.4	16.33	4.7	42.4	—	—	—
2	15.13	4.4	37.0	15.13	4.4	37.0	—	—	—
3	12.60	7.2	40.0	12.60	7.2	40.0	—	—	—
4	14.68	10.6	39.9	14.68	10.6	39.9	—	—	—
5	16.79	7.9	40.0	16.79	7.9	40.0	—	—	—
Separating, filtering, and clarifying machine operators									
5	15.71	7.3	40.1	15.71	7.3	40.1	—	—	—
5	14.10	9.1	40.5	14.10	9.1	40.5	—	—	—
Compressing and compacting machine operators									
2	11.75	5.8	40.0	11.75	5.8	40.0	—	—	—
Painting and paint spraying machine operators									
2	13.03	3.8	39.8	13.03	3.8	39.8	—	—	—
2	10.77	4.3	40.0	10.77	4.3	40.0	—	—	—
Washing, cleaning, and pickling machine operators									
2	10.83	8.9	40.0	10.83	8.9	40.0	—	—	—
Furnace, kiln, and oven operators, except food									
2	17.79	7.8	39.9	17.78	7.8	39.9	—	—	—
5	9.83	9.8	39.5	9.83	9.8	39.5	—	—	—
5	18.25	12.7	40.0	18.23	13.0	40.0	—	—	—
Crushing and grinding machine operators									
3	13.35	7.7	40.0	13.35	7.7	40.0	—	—	—
3	13.36	10.3	40.0	13.36	10.3	40.0	—	—	—
Slicing and cutting machine operators									
3	14.80	4.3	40.0	14.80	4.3	40.0	—	—	—
3	12.75	4.4	40.0	12.75	4.4	40.0	—	—	—
4	14.77	14.6	40.0	14.77	14.6	40.0	—	—	—
5	13.78	4.7	40.0	13.78	4.7	40.0	—	—	—
Miscellaneous machine operators, n.e.c.									
1	13.28	7.1	39.8	13.26	7.1	39.8	—	—	—
1	9.90	2.9	39.0	9.90	2.9	39.0	—	—	—
2	10.71	5.3	39.8	10.71	5.3	39.8	—	—	—
3	13.42	7.2	39.8	13.39	7.2	39.8	—	—	—
4	17.70	7.0	39.9	17.70	7.0	39.9	—	—	—
5	15.61	4.6	39.9	15.61	4.6	39.9	—	—	—
7	18.50	5.6	40.0	18.09	7.4	40.0	—	—	—
Welders and cutters									
2	15.89	5.3	39.8	15.89	5.3	39.8	—	—	—
2	11.66	6.4	40.0	11.66	6.4	40.0	—	—	—
3	17.00	16.0	40.0	17.00	16.0	40.0	—	—	—
4	16.13	7.4	40.0	16.13	7.4	40.0	—	—	—
5	15.42	4.6	40.0	15.41	4.6	40.0	—	—	—
6	16.88	6.3	40.0	16.88	6.3	40.0	—	—	—
7	17.81	4.0	40.0	17.81	4.0	40.0	—	—	—
Assemblers									
1	13.81	8.6	39.5	13.81	8.6	39.5	—	—	—
1	7.25	8.5	39.0	7.25	8.5	39.0	—	—	—
2	9.98	3.6	38.4	9.98	3.6	38.4	—	—	—
3	18.42	8.4	40.0	18.42	8.4	40.0	—	—	—
4	15.38	7.8	39.8	15.38	7.8	39.8	—	—	—
5	15.23	3.3	39.6	15.23	3.3	39.6	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Assemblers—Continued									
6	\$18.84	4.3	39.6	\$18.84	4.3	39.6	—	—	—
Hand molding, casting, and forming	12.23	2.6	40.0	12.23	2.6	40.0	—	—	—
Miscellaneous hand working, n.e.c.	13.28	8.2	39.2	13.28	8.2	39.2	—	—	—
1	8.05	7.9	32.1	8.05	7.9	32.1	—	—	—
2	11.34	5.6	39.9	11.34	5.6	39.9	—	—	—
3	17.46	5.0	40.0	17.46	5.0	40.0	—	—	—
Production inspectors, checkers and examiners	14.24	9.0	39.9	14.24	9.0	39.9	—	—	—
1	10.00	6.8	38.9	10.00	6.8	38.9	—	—	—
2	10.06	3.9	40.0	10.06	3.9	40.0	—	—	—
3	14.19	15.5	40.0	14.19	15.5	40.0	—	—	—
4	12.65	4.6	39.9	12.65	4.6	39.9	—	—	—
5	12.39	4.4	39.9	12.39	4.4	39.9	—	—	—
Production testers	12.72	6.7	40.0	12.72	6.7	40.0	—	—	—
4	12.68	4.0	40.0	12.68	4.0	40.0	—	—	—
5	14.14	11.2	40.0	14.14	11.2	40.0	—	—	—
Transportation and material moving	14.22	3.9	35.9	14.06	4.3	36.4	\$15.80	2.7	31.6
1	7.50	14.7	28.5	7.48	14.9	28.4	—	—	—
2	10.90	6.6	34.8	10.39	6.0	35.0	15.19	3.8	33.4
3	13.06	4.2	35.5	12.83	4.4	36.6	14.69	6.5	29.2
4	15.60	3.0	36.6	15.56	3.2	37.3	16.09	4.1	30.3
5	17.65	2.5	38.2	17.81	2.9	39.0	16.42	6.4	32.6
6	16.60	8.3	44.2	16.60	8.7	44.4	16.49	4.2	40.0
7	21.34	3.0	40.2	21.27	3.2	40.2	22.64	2.7	40.0
8	28.92	4.7	39.6	—	—	—	—	—	—
Supervisors, motor vehicle operators	19.06	8.0	42.2	18.78	8.9	42.4	22.95	3.3	40.0
7	—	—	—	—	—	—	22.95	3.3	40.0
Truck drivers	14.70	3.5	39.6	14.59	3.6	39.7	17.11	6.9	38.0
1	8.79	11.0	37.1	8.80	11.2	37.1	—	—	—
2	12.31	4.2	38.3	12.27	4.3	38.7	—	—	—
3	12.52	6.4	39.9	12.07	6.1	39.9	17.92	9.9	40.0
4	14.97	3.7	39.0	14.92	3.8	39.0	—	—	—
5	18.49	3.7	40.1	18.49	3.8	40.3	—	—	—
6	16.93	7.7	44.1	17.09	8.6	44.7	—	—	—
Driver-sales workers	11.33	12.5	29.8	11.33	12.5	29.8	—	—	—
Bus drivers	12.66	5.5	27.9	11.21	6.9	28.1	14.68	2.0	27.6
2	11.98	10.9	33.0	10.04	7.3	33.3	16.18	2.3	32.5
3	12.12	3.6	24.7	—	—	—	13.46	3.9	25.9
4	13.25	5.9	26.7	10.62	6.6	27.3	15.16	3.1	26.2
5	16.24	6.4	26.8	—	—	—	14.34	6.4	26.4
Taxicab drivers and chauffeurs	7.34	7.8	24.5	7.34	7.8	24.5	—	—	—
Parking lot attendants	8.19	12.7	33.4	8.18	12.8	33.3	—	—	—
1	7.71	23.5	29.2	7.69	23.8	29.1	—	—	—
Motor transportation, n.e.c.	9.30	11.9	21.8	8.32	9.5	20.9	—	—	—
1	6.06	3.1	23.7	6.06	3.1	23.7	—	—	—
2	8.22	8.0	22.3	8.17	8.2	22.1	—	—	—
Supervisors, material moving equipment	18.82	5.0	41.8	18.82	5.0	41.8	—	—	—
Operating engineers	22.73	2.4	39.6	23.12	2.3	39.5	20.23	9.5	39.9
4	20.40	6.1	40.0	—	—	—	—	—	—
5	21.27	7.2	40.0	—	—	—	19.88	15.7	40.0
Crane and tower operators	15.58	11.4	39.2	15.58	11.4	39.2	—	—	—
4	13.43	6.2	40.0	13.43	6.2	40.0	—	—	—
5	16.54	7.6	40.0	16.54	7.6	40.0	—	—	—
Excavating and loading machine operators	16.07	3.0	40.0	15.96	2.9	40.0	—	—	—
Grader, dozer, and scrapper operators	17.12	12.1	40.0	18.32	13.0	40.0	—	—	—
Industrial truck and tractor equipment operators	14.77	4.9	39.0	14.77	5.0	39.0	—	—	—
2	11.33	4.3	39.6	11.33	4.3	39.6	—	—	—
3	14.15	5.9	39.5	14.15	5.9	39.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Industrial truck and tractor equipment operators—Continued									
4	\$17.76	6.2	38.0	\$17.76	6.2	38.0	—	—	—
5	13.97	4.9	40.0	—	—	—	—	—	—
Miscellaneous material moving equipment operators, n.e.c.									
2	14.31	8.8	37.7	14.19	9.5	37.5	\$15.57	8.3	40.0
3	13.31	5.3	33.7	13.31	5.3	33.7	—	—	—
4	14.35	16.2	40.0	14.44	16.9	40.0	—	—	—
5	15.54	3.5	40.0	15.89	3.4	40.0	—	—	—
5	16.34	8.0	35.8	15.78	10.1	34.7	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
1	11.33	2.8	34.2	11.16	3.0	34.0	14.53	4.6	38.5
1	8.74	3.5	29.7	8.62	3.5	29.6	13.30	15.4	36.0
2	10.29	3.5	35.8	10.28	3.7	35.6	10.38	8.1	39.7
3	13.63	7.1	38.3	13.63	7.2	38.3	13.65	5.8	38.1
4	14.49	4.4	39.1	14.29	5.1	39.1	15.78	3.1	38.6
5	15.45	3.5	39.1	15.35	4.1	39.1	15.92	5.9	38.9
6	16.51	8.6	40.0	16.56	10.2	40.0	16.25	1.7	40.0
7	19.77	5.1	40.0	19.95	9.5	40.0	19.60	4.1	40.0
Not able to be leveled	13.54	8.0	38.9	13.54	8.0	38.9	—	—	—
Supervisors, agriculture-related workers									
7	20.84	9.9	40.0	—	—	—	19.30	11.8	40.0
7	21.53	10.4	40.0	—	—	—	17.20	6.5	40.0
Groundskeepers and gardeners, except farm ...									
1	12.76	4.5	37.1	12.21	7.1	37.4	13.76	5.7	36.5
1	8.93	6.2	32.6	8.69	6.5	34.4	9.73	14.8	27.6
2	11.69	5.4	39.0	—	—	—	12.11	6.4	38.7
3	11.02	5.8	35.7	10.77	5.3	35.6	11.49	12.0	36.1
4	11.35	9.3	35.5	—	—	—	—	—	—
5	15.00	4.8	39.6	—	—	—	16.13	9.9	38.3
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.									
5	14.96	8.7	39.8	14.33	8.2	39.8	—	—	—
5	15.05	9.7	37.5	14.54	10.1	37.4	—	—	—
7	19.04	5.3	40.0	17.51	7.0	40.0	—	—	—
Helpers, mechanics and repairers									
4	11.14	18.6	39.7	10.22	20.2	39.7	—	—	—
4	13.49	11.2	40.0	—	—	—	—	—	—
Helpers, construction trades									
Construction laborers									
1	14.87	6.3	40.0	14.87	6.3	40.0	—	—	—
1	17.13	12.9	38.0	17.23	13.4	37.9	14.56	13.4	38.7
1	11.33	10.2	28.5	11.34	10.3	28.4	—	—	—
4	16.52	3.5	39.2	16.52	3.5	39.2	—	—	—
Production helpers									
1	10.04	4.6	39.3	10.03	4.6	39.3	—	—	—
1	8.73	9.1	40.0	8.73	9.1	40.0	—	—	—
2	9.92	8.7	39.4	9.92	8.7	39.4	—	—	—
3	10.89	5.9	38.5	10.86	5.9	38.5	—	—	—
Stock handlers and baggers									
1	9.72	4.3	29.1	9.70	4.3	29.1	—	—	—
1	7.59	2.7	24.1	7.59	2.7	24.1	—	—	—
2	10.07	3.9	32.3	10.07	3.9	32.3	—	—	—
3	11.66	9.6	37.5	11.66	9.7	37.4	—	—	—
4	11.98	10.5	39.6	11.88	10.5	39.6	—	—	—
5	14.78	6.6	37.6	14.78	6.6	37.6	—	—	—
Machine feeders and offbearers									
1	9.45	7.8	37.0	9.45	7.8	37.0	—	—	—
1	8.83	3.8	39.4	8.83	3.8	39.4	—	—	—
3	12.79	5.8	40.0	12.79	5.8	40.0	—	—	—
4	13.85	8.4	40.0	13.85	8.4	40.0	—	—	—
Freight, stock, and material handlers, n.e.c.									
1	13.84	5.7	33.0	13.83	5.8	33.0	—	—	—
1	10.20	5.6	24.9	10.04	5.7	24.6	—	—	—
2	11.06	7.2	33.8	11.06	7.2	33.8	—	—	—
3	15.87	5.1	37.5	15.87	5.1	37.5	—	—	—
4	15.81	8.8	35.6	15.81	8.8	35.6	—	—	—
5	14.96	4.6	37.9	14.96	4.6	37.9	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Garage and service station related	\$9.70	22.9	32.5	\$9.62	24.1	32.2	—	—	—
Vehicle washers and equipment cleaners	8.99	10.9	34.3	8.99	10.9	34.3	—	—	—
1	7.73	11.1	33.9	7.73	11.1	33.9	—	—	—
2	14.95	5.1	34.5	14.95	5.1	34.5	—	—	—
3	13.97	9.3	40.0	13.97	9.3	40.0	—	—	—
Hand packers and packagers	10.38	3.3	38.2	10.38	3.3	38.2	—	—	—
1	9.41	4.4	37.3	9.41	4.4	37.3	—	—	—
2	10.00	2.8	39.9	10.00	2.8	39.9	—	—	—
3	10.20	5.3	35.9	10.20	5.3	35.9	—	—	—
4	17.26	8.7	39.2	17.26	8.7	39.2	—	—	—
Laborers, except construction, n.e.c.	10.52	4.2	34.7	10.20	4.6	34.2	\$13.25	8.9	39.2
1	8.76	5.6	32.1	8.34	4.3	31.7	14.36	18.5	37.5
2	10.07	4.8	33.9	10.15	5.1	33.0	9.66	13.1	40.0
3	12.82	9.9	39.7	12.70	10.3	39.7	—	—	—
4	14.31	2.3	40.0	—	—	—	14.31	5.7	40.0
5	14.88	5.9	38.9	—	—	—	15.09	6.3	40.0
Service	9.97	2.3	31.1	8.62	4.2	30.1	15.54	2.9	36.1
1	6.93	2.8	24.3	6.68	2.8	24.1	9.89	6.1	26.8
2	7.63	4.2	30.7	7.22	4.7	30.4	10.67	4.8	33.3
3	9.44	2.5	33.0	8.82	2.6	32.5	12.05	2.9	35.1
4	10.04	3.4	34.0	9.50	3.9	33.6	12.65	3.2	36.1
5	—	—	—	—	—	—	14.77	2.1	35.6
6	15.85	5.1	40.0	12.50	6.4	38.4	17.67	4.0	41.0
7	18.66	3.5	38.6	16.68	10.8	30.6	19.16	3.1	41.4
8	21.43	2.1	40.2	—	—	—	21.85	1.7	40.3
9	24.36	2.1	42.5	—	—	—	24.29	2.1	42.6
10	27.82	11.3	42.0	—	—	—	27.82	11.3	42.0
Not able to be leveled	10.23	5.5	35.5	9.99	5.6	35.7	—	—	—
Protective service	16.34	3.6	36.4	9.03	4.0	30.9	19.46	1.7	39.3
1	8.01	7.5	28.1	—	—	—	7.69	5.5	12.5
2	7.87	3.9	31.2	7.61	3.7	31.8	10.71	11.6	25.4
3	10.17	9.9	32.8	8.34	4.2	31.8	15.70	4.5	36.3
4	10.64	8.7	33.5	8.89	8.9	31.7	12.63	6.8	35.7
5	14.27	3.9	32.8	11.18	5.9	27.3	15.27	3.7	35.1
6	17.69	3.9	40.6	17.51	7.5	34.3	17.70	4.1	41.1
7	19.15	3.1	39.4	18.50	5.5	21.4	19.19	3.2	41.4
8	21.91	1.7	40.5	—	—	—	21.91	1.7	40.5
9	24.23	2.2	42.6	—	—	—	24.23	2.2	42.6
10	27.82	11.3	42.0	—	—	—	27.82	11.3	42.0
Supervisors, firefighters and fire prevention	20.69	4.7	49.6	—	—	—	20.69	4.7	49.6
9	22.04	4.9	48.9	—	—	—	22.04	4.9	48.9
Supervisors, police and detectives	26.52	9.0	40.1	—	—	—	26.52	9.0	40.1
8	22.62	3.0	40.5	—	—	—	22.62	3.0	40.5
9	28.44	3.2	39.9	—	—	—	28.44	3.2	39.9
10	32.71	7.7	40.0	—	—	—	32.71	7.7	40.0
Supervisors, guards	17.59	11.4	37.6	14.72	10.2	37.0	—	—	—
5	11.21	7.6	34.9	11.21	7.6	34.9	—	—	—
Fire inspection and fire prevention	22.88	6.7	36.5	—	—	—	—	—	—
Firefighting	18.30	4.2	46.4	—	—	—	18.30	4.2	46.4
5	15.90	3.8	39.6	—	—	—	15.90	3.8	39.6
6	17.21	6.3	45.5	—	—	—	17.21	6.3	45.5
7	19.09	6.4	47.1	—	—	—	19.09	6.4	47.1
8	18.97	6.2	53.0	—	—	—	18.97	6.2	53.0
Police and detectives, public service	21.45	1.7	38.7	—	—	—	21.45	1.7	38.7
5	15.77	4.5	20.7	—	—	—	15.77	4.5	20.7
6	20.81	4.2	37.4	—	—	—	20.81	4.2	37.4
7	19.78	3.3	39.2	—	—	—	19.78	3.3	39.2
8	22.27	1.8	39.7	—	—	—	22.27	1.8	39.7

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Protective service—Continued									
Police and detectives, public service—Continued									
9	\$24.04	3.7	40.4	—	—	—	\$24.04	3.7	40.4
Sheriffs, bailiffs, and other law enforcement officers	16.14	3.8	39.9	—	—	—	16.14	3.9	39.9
7	15.07	6.4	40.0	—	—	—	15.06	6.4	40.0
Correctional institution officers	16.13	4.7	38.5	—	—	—	16.13	4.7	38.5
4	11.66	5.2	33.7	—	—	—	11.66	5.2	33.7
5	15.26	5.0	39.4	—	—	—	15.26	5.0	39.4
6	18.55	3.2	38.6	—	—	—	18.55	3.2	38.6
7	16.47	4.3	40.0	—	—	—	16.47	4.3	40.0
Crossing guards	8.46	9.2	12.4	—	—	—	8.46	9.2	12.4
1	7.69	5.5	12.7	—	—	—	7.69	5.5	12.7
Guards and police, except public service	9.27	5.2	31.3	\$8.61	3.5	31.3	15.38	5.8	30.8
2	7.62	4.0	33.5	7.61	4.0	33.5	—	—	—
3	9.55	11.0	33.1	8.37	4.3	32.7	16.06	5.8	35.8
4	9.37	10.3	33.2	9.28	10.5	33.5	—	—	—
5	12.50	9.5	23.2	11.15	9.2	21.7	14.72	9.1	26.2
6	12.31	3.2	31.4	—	—	—	—	—	—
7	17.34	5.3	16.8	16.79	6.3	15.0	—	—	—
Protective service, n.e.c.	9.76	9.5	26.2	7.20	6.5	22.0	12.20	7.2	32.1
2	8.60	8.7	22.4	—	—	—	9.70	15.2	26.8
3	9.09	22.4	21.6	—	—	—	—	—	—
4	8.90	13.5	28.5	—	—	—	11.53	8.2	34.2
Food service	6.97	3.3	28.4	6.78	3.3	28.3	10.25	3.7	29.4
1	6.04	4.8	24.6	5.93	4.9	24.6	9.08	6.6	26.0
2	5.46	7.3	29.8	5.31	7.6	29.9	9.16	5.5	28.4
3	8.29	4.8	30.3	7.93	5.7	30.3	10.60	4.4	30.3
4	9.00	5.8	33.8	8.88	6.1	33.7	11.22	3.6	35.4
5	11.69	4.6	37.8	11.60	4.8	38.4	12.97	2.7	30.6
6	11.29	8.1	40.9	11.16	8.0	41.0	—	—	—
7	13.80	2.9	40.0	13.80	2.9	40.0	—	—	—
Waiters, waitresses, and bartenders	4.47	6.4	26.5	4.47	6.4	26.5	—	—	—
1	4.13	11.3	23.4	4.13	11.3	23.4	—	—	—
2	3.95	14.4	30.5	3.95	14.4	30.5	—	—	—
3	5.80	14.0	24.1	5.80	14.0	24.1	—	—	—
Bartenders	6.53	3.9	28.2	6.53	3.9	28.2	—	—	—
3	7.05	12.9	19.0	7.05	12.9	19.0	—	—	—
Waiters and waitresses	3.29	4.9	26.1	3.29	4.9	26.1	—	—	—
1	3.29	4.1	22.8	3.29	4.1	22.8	—	—	—
2	3.00	7.2	29.1	3.00	7.2	29.1	—	—	—
3	4.90	16.4	28.6	4.90	16.4	28.6	—	—	—
Waiters/Waitresses' assistants	6.18	7.2	25.5	6.18	7.2	25.5	—	—	—
1	6.42	5.2	25.3	6.42	5.2	25.3	—	—	—
Other food service	8.27	2.3	29.5	8.09	2.4	29.5	10.25	3.7	29.4
1	6.94	2.3	25.2	6.83	2.4	25.2	9.08	6.6	26.0
2	7.59	3.5	29.0	7.43	3.8	29.0	9.16	5.5	28.4
3	8.93	4.7	32.5	8.59	5.3	33.0	10.60	4.4	30.3
4	9.52	4.9	37.0	9.40	5.3	37.1	11.22	3.6	35.4
5	11.69	4.6	37.8	11.60	4.8	38.4	12.97	2.7	30.6
6	11.29	8.1	40.9	11.16	8.0	41.0	—	—	—
7	13.76	3.0	40.0	13.76	3.0	40.0	—	—	—
Supervisors, food preparation and service	10.26	5.4	38.0	10.14	5.7	38.4	12.80	7.4	32.3
4	10.09	5.0	41.2	10.01	5.5	41.9	—	—	—
5	11.90	5.3	37.4	11.88	5.4	37.9	—	—	—
6	11.31	8.4	40.9	11.18	8.3	41.0	—	—	—
7	13.76	3.0	40.0	13.76	3.0	40.0	—	—	—
Cooks	9.14	3.2	32.9	8.78	3.3	32.8	11.01	2.1	33.1
1	7.74	13.7	27.0	6.63	8.0	24.9	—	—	—
2	8.61	4.3	29.8	8.48	4.7	30.0	11.15	3.4	25.9
3	9.71	2.7	35.8	9.34	2.7	36.9	10.90	3.4	32.6

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Food service—Continued									
Other food service—Continued									
Cooks—Continued									
4	\$8.54	5.5	32.7	\$8.27	4.9	32.3	\$11.06	5.5	37.6
5	11.38	8.6	38.4	11.16	9.5	39.3	—	—	—
Food counter, fountain, and related	6.78	5.6	22.6	6.77	5.7	22.6	6.90	7.6	22.8
1	6.33	3.1	20.8	6.30	3.2	20.7	6.88	8.3	22.8
2	6.17	11.4	22.3	6.17	11.5	22.3	—	—	—
3	9.47	11.3	32.2	9.47	11.3	32.2	—	—	—
Kitchen workers, food preparation	7.71	4.3	27.3	7.69	4.7	26.9	8.10	1.5	36.0
1	7.21	4.1	22.9	7.21	4.1	22.8	—	—	—
2	7.29	5.1	33.7	7.12	7.3	33.2	—	—	—
3	8.83	3.6	30.3	8.85	3.6	30.2	—	—	—
Food preparation, n.e.c.	7.24	2.8	27.4	7.09	3.0	27.7	9.17	4.7	23.5
1	6.90	3.2	26.6	6.82	3.4	26.8	8.62	6.2	23.0
2	7.70	4.0	30.1	7.40	4.5	31.4	9.54	3.9	24.2
3	9.07	5.4	27.0	8.50	4.2	30.8	9.78	8.9	23.5
Health service	9.82	1.4	34.8	9.48	1.1	34.4	11.89	5.3	37.1
1	8.18	3.0	33.8	8.34	2.1	32.8	—	—	—
2	9.06	1.8	34.5	9.07	1.8	34.3	9.01	7.7	35.9
3	9.65	2.0	34.5	9.39	1.5	34.2	12.08	2.5	37.9
4	10.55	3.4	35.5	10.04	2.9	35.2	12.97	3.9	36.9
5	13.00	3.9	37.3	11.35	2.3	38.2	14.40	1.9	36.5
6	13.59	6.9	24.0	13.59	6.9	24.0	—	—	—
Not able to be leveled	10.79	9.3	36.8	10.79	9.3	36.8	—	—	—
Health aides, except nursing	10.71	3.7	34.1	10.12	2.8	34.2	13.68	1.5	33.8
1	9.38	11.1	36.1	9.38	11.1	36.2	—	—	—
2	8.74	4.9	32.0	8.49	4.9	32.5	—	—	—
3	9.93	4.9	30.0	9.30	2.6	29.6	13.81	3.5	32.5
4	10.77	4.7	37.4	10.70	5.0	37.8	—	—	—
5	12.68	4.4	37.1	11.34	2.5	38.8	14.05	1.0	35.6
Nursing aides, orderlies and attendants	9.59	1.9	34.1	9.26	1.2	33.4	11.33	6.5	38.3
1	7.82	4.1	33.2	7.93	4.6	31.6	—	—	—
2	9.11	2.0	34.9	9.16	1.9	34.6	8.74	6.6	37.1
3	9.66	2.9	33.6	9.32	1.8	32.8	11.72	1.7	39.3
4	10.41	4.8	34.6	9.61	3.3	33.8	13.05	4.1	37.5
5	14.07	5.4	37.6	11.44	4.9	35.3	15.20	2.3	38.7
Cleaning and building service	9.95	3.7	30.1	9.18	4.4	28.2	12.41	3.0	38.2
1	8.05	4.4	25.1	7.56	3.6	24.1	12.09	3.8	38.1
2	10.48	5.0	33.0	10.00	6.5	31.7	11.89	4.3	37.6
3	11.49	3.5	37.1	10.88	6.5	36.0	12.01	4.4	38.2
4	12.50	4.9	40.0	11.95	6.9	40.2	13.56	3.7	39.8
5	14.72	6.7	39.2	14.65	9.1	39.0	14.96	2.5	40.0
6	13.60	7.9	40.0	13.18	8.2	40.0	—	—	—
7	21.10	3.9	40.0	—	—	—	21.40	3.9	40.0
Not able to be leveled	8.97	6.3	38.0	8.85	6.2	37.9	—	—	—
Supervisors, cleaning and building service workers	14.39	7.2	40.4	14.08	7.5	40.6	15.64	17.9	39.7
3	10.37	8.2	39.5	—	—	—	—	—	—
4	13.38	12.6	42.3	13.28	13.3	42.4	—	—	—
7	20.59	6.0	40.0	—	—	—	21.40	3.9	40.0
Maids and housemen	7.55	3.7	29.6	7.53	3.8	29.5	—	—	—
1	7.53	3.6	33.2	7.52	3.7	33.1	—	—	—
2	7.50	6.5	27.0	7.47	6.8	26.9	—	—	—
Janitors and cleaners	10.10	3.9	29.7	9.24	4.8	27.4	12.28	2.9	38.2
1	8.14	5.1	24.1	7.57	4.2	22.9	12.10	3.9	38.1
2	11.58	4.2	36.0	11.39	5.9	35.1	11.94	4.4	37.7
3	11.77	3.8	37.7	11.39	6.5	37.2	12.06	4.7	38.1
4	12.26	4.6	39.3	11.29	4.9	39.0	13.50	3.6	39.7
5	13.95	7.4	38.7	13.17	9.9	37.9	15.15	2.6	40.0
6	14.09	5.9	40.0	—	—	—	—	—	—
Not able to be leveled	9.02	6.8	37.9	—	—	—	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² East North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ December 2000—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service	\$10.33	4.4	31.3	\$10.32	4.8	31.9	\$10.42	6.6	24.7
1	6.96	5.9	18.7	6.89	7.1	18.9	7.28	4.1	17.6
2	7.38	4.2	25.2	7.08	4.1	25.1	9.18	4.6	26.0
3	7.86	5.7	29.7	7.64	5.8	30.5	9.85	5.0	24.5
4	10.01	9.5	30.2	9.54	11.5	29.7	12.17	9.8	32.5
5	—	—	—	—	—	—	13.57	6.8	34.9
6	11.70	6.2	40.0	—	—	—	—	—	—
7	17.59	25.9	31.3	—	—	—	—	—	—
Attendants, amusement, and recreation facilities	6.16	5.1	21.9	—	—	—	7.29	4.9	21.7
1	—	—	—	—	—	—	6.65	4.9	20.0
2	7.46	6.3	20.3	—	—	—	—	—	—
3	7.48	5.2	25.0	—	—	—	8.16	9.7	17.8
Ushers	6.36	3.7	13.8	6.35	3.7	13.9	—	—	—
1	6.35	3.7	13.8	6.35	3.7	13.9	—	—	—
Public transportation attendants	36.54	6.9	18.0	—	—	—	—	—	—
Baggage porters and bellhops	6.26	9.7	35.3	6.26	9.7	35.3	—	—	—
Welfare service aides	7.68	5.4	28.2	7.53	5.5	27.6	9.31	22.8	36.4
1	6.51	4.0	28.8	6.32	5.6	25.3	—	—	—
2	6.76	6.0	24.1	6.76	6.0	24.1	—	—	—
3	7.74	7.6	29.8	7.74	7.6	29.8	—	—	—
Early childhood teachers' assistants	7.20	6.6	27.5	6.90	6.6	27.5	9.34	4.7	27.9
1	7.39	6.1	11.0	7.29	8.0	11.4	—	—	—
2	6.86	3.4	27.9	6.63	3.3	27.3	8.38	5.2	32.5
3	7.16	12.2	28.6	6.57	10.9	28.0	9.83	4.6	31.6
4	7.44	9.0	29.0	7.34	9.3	29.3	—	—	—
Child care workers, n.e.c.	10.48	5.9	24.0	9.40	5.2	28.3	11.54	8.6	20.8
1	7.41	7.2	11.4	5.85	4.9	9.5	7.75	7.8	11.9
2	8.89	6.5	22.9	7.82	4.8	23.6	9.85	3.8	22.3
3	10.26	5.6	25.6	10.16	7.6	29.1	—	—	—
4	13.34	11.0	35.9	—	—	—	15.43	6.3	35.6
5	12.06	8.7	36.3	—	—	—	12.63	10.1	37.5
Service, n.e.c.	9.40	3.6	23.3	9.13	3.3	22.7	11.02	6.6	28.0
1	8.29	2.4	17.6	8.27	2.4	17.5	—	—	—
2	9.17	11.8	24.5	9.01	12.3	24.6	—	—	—
3	9.53	6.9	27.2	9.63	7.2	29.8	8.58	17.0	15.2
4	10.49	7.5	36.1	9.99	10.9	38.0	11.14	9.3	33.9
5	11.46	8.0	31.2	—	—	—	—	—	—

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 March 2000 and January 2002. The average reference period was December 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 (BLS) throughout the year. The surveys are locality-based and cover establishments in private industry and State and local governments. Bulletins are issued for individual localities when sufficient data meet publication standards. Agriculture, private households, and the Federal Government are excluded from the scope of the survey.

Survey scope. In the East North Central census division, the NCS studied 3,304 establishments representing approximately 15,718,900 workers within the scope of the survey. Beginning with the 1999 NCS, private sector establishments with one or more workers are included in the survey. State and local governments with 50 or more workers also are included. The number of workers represented by the survey is shown in table A, and the number of establishments is shown in table B. For purposes of this survey, an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government entity.

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

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

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

Bloomington-Normal, IL, MSA
Bloomington, IN, MSA

Chicago-Gary-Kenosha, IL-IN-WI, CMSA
Cincinnati-Hamilton, OH-KY-IN, CMSA
Cleveland-Akron, OH, CMSA
Columbus, OH, MSA
Dayton-Springfield, OH, MSA
Delta County, MI
Detroit-Ann Arbor-Flint, MI, CMSA
Elkhart-Goshen, IN, MSA
Fond du Lac County, WI
Grand Rapids-Muskegon-Holland, MI, MSA
Green Lake County, WI
Henderson County, IL
Indianapolis, IN, MSA
Jefferson County, IN
Juneau County, WI
Kalamazoo-Battle Creek, MI, MSA
Marshall County, IN
Milwaukee-Racine, WI, CMSA
Monroe County, OH
Morgan County, IL
Rockford, IL, MSA
Sauk County, WI
Seneca County, OH
Wayne County, OH
Youngstown-Warren, OH, MSA

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

The third stage of sample selection was a probability sample of occupations within a sampled establishment. In the East North Central region, data were collected between March 2000 and January 2002, with an average reference period of December 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 NCS occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. For cases in which a job's duties overlapped two or more census classification codes, the duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

In step three, certain other job characteristics of the chosen workers were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time or incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being in a union or a nonunion job.

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

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

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

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average of estimates from all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. Tables in this bulletin provide RSE data for indicated series.

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

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

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

TABLE A. Number of workers¹ represented by the survey, by occupational group,² East North Central, National Compensation Survey,³ December 2000

Occupational group	All industries	Private industry	State and local government
All	15,718,900	13,562,000	2,156,900
All, excluding sales	14,189,000	12,037,400	2,151,700
White collar	7,428,500	6,001,500	1,427,000
White collar, excluding sales	5,898,600	4,476,800	1,421,800
Professional specialty and technical	2,430,700	1,548,300	882,400
Professional specialty occupations	1,964,400	1,127,300	837,100
Technical occupations	466,300	420,900	45,400
Executive, administrative, and managerial	945,600	789,700	155,900
Sales	1,529,900	1,524,700	5,200
Administrative support, including clerical	2,522,200	2,138,800	383,400
Blue collar	5,515,300	5,280,800	234,400
Precision production, craft, and repair	1,673,800	1,586,300	87,500
Machine operators, assemblers, and inspectors	1,928,800	1,926,500	2,300
Transportation and material moving	777,700	686,700	91,000
Handlers, equipment cleaners, helpers, and laborers	1,135,000	1,081,300	53,700
Service	2,775,200	2,279,700	495,500

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

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see Technical Note.

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

TABLE B. Number of establishments studied by industry group and establishment employment size, East North Central, National Compensation Survey,¹ December 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	3,304	1,114	1,315	380	279	125	91
Private Industry	2,809	1,072	1,099	273	204	100	61
Goods-producing industries	1,009	312	433	118	69	55	22
Mining	21	15	6	-	-	-	-
Construction	124	86	30	8	-	-	-
Manufacturing	864	211	397	110	69	55	22
Durable goods	640	163	268	85	55	48	21
Nondurable goods	224	48	129	25	14	7	1
Service-producing industries	1,800	760	666	155	135	45	39
Transportation and utilities	172	66	58	24	14	6	4
Wholesale trade	104	62	35	5	1	-	1
Retail trade	430	236	153	27	9	2	3
Finance, insurance and real estate	201	106	33	22	23	5	12
Services	893	290	387	77	88	32	19
State and local government	495	42	216	107	75	25	30

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