

National Compensation Survey: Occupational Wages in the East North Central Census Division, July 2004



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

U.S. Bureau of Labor Statistics
Kathleen P. Utgoff, Commissioner

September 2005

Contents

Page

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	21
Technical Note	44
Table A. Number of workers represented by the survey, by occupational group, East North Central	46
Table B. Number of establishments studied by industry group and establishment employment size, East North Central	47

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 July 2004

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	\$18.21	1.3	35.3	\$17.38	1.4	35.2	\$23.57	2.0	36.0
Worker characteristics:⁴									
White-collar occupations ⁵	22.25	1.1	35.7	21.22	1.5	35.6	27.03	2.2	36.0
Professional specialty and technical ...	28.75	2.4	35.8	27.07	2.6	36.0	32.66	3.0	35.1
Executive, administrative, and managerial	31.30	1.7	39.2	31.44	2.0	39.3	30.56	4.3	38.4
Sales	17.05	5.1	31.3	17.05	5.1	31.3	15.45	9.7	27.3
Administrative support	14.24	1.0	36.4	14.19	1.3	36.4	14.54	2.6	36.7
Blue-collar occupations ⁵	16.27	2.0	37.8	16.18	2.1	37.9	18.41	1.7	36.1
Precision production, craft, and repair	20.67	1.8	39.7	20.67	1.9	39.7	20.65	2.4	39.6
Machine operators, assemblers, and inspectors	15.09	1.9	39.5	15.09	1.9	39.5	16.95	10.3	40.0
Transportation and material moving ...	16.35	3.6	36.7	16.24	4.1	37.4	17.41	3.3	31.3
Handlers, equipment cleaners, helpers, and laborers	12.30	4.1	33.5	12.08	4.3	33.3	16.14	4.9	37.8
Service occupations ⁵	10.73	2.4	30.1	8.99	2.4	28.9	17.28	2.9	36.0
Full time	19.37	1.1	39.5	18.57	1.2	39.7	24.15	2.0	38.4
Part time	9.84	2.1	20.0	9.52	2.2	20.1	14.34	2.4	17.9
Union	21.53	1.5	37.5	20.25	1.8	37.7	23.77	2.8	37.1
Nonunion	17.21	1.7	34.7	16.79	1.4	34.8	23.23	7.9	34.3
Time	17.96	1.3	35.2	17.04	1.3	35.0	23.57	2.0	36.0
Incentive	23.30	4.2	38.8	23.30	4.2	38.8	-	-	-
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	19.37	2.0	39.5	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	16.27	1.7	33.2	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	14.99	2.0	33.8	14.94	2.1	33.7	19.69	2.7	35.3
100 to 499 workers	17.41	3.5	36.2	16.76	3.8	36.4	21.59	4.1	35.1
500 to 999 workers	20.53	2.1	36.9	19.50	3.1	37.4	23.59	3.1	35.3
1,000 to 2,499 workers	21.82	2.1	36.0	21.13	2.7	36.3	25.10	4.5	34.6
2,500 workers or more	26.26	2.5	37.5	27.31	3.8	37.3	24.85	3.8	37.7
Geographic areas:⁸									
Metropolitan	18.60	1.5	35.3	17.77	1.5	35.2	24.67	1.7	35.9
Nonmetropolitan	15.58	3.1	35.6	14.45	3.2	35.4	19.53	4.7	36.4
New England	20.12	2.8	34.5	19.20	3.1	34.4	26.10	2.3	35.8
Middle Atlantic	20.59	.7	35.0	19.62	.9	35.0	26.15	1.4	35.5
East North Central	18.21	1.3	35.3	17.38	1.4	35.2	23.57	2.0	36.0
West North Central	16.84	3.1	35.3	16.02	1.9	35.0	21.40	5.1	37.2
South Atlantic	16.71	1.3	36.2	16.05	1.6	35.7	19.94	1.3	38.4
East South Central	14.49	7.6	37.4	13.87	7.9	37.4	18.99	3.8	37.4
West South Central	16.07	1.9	36.6	15.47	2.3	36.3	19.10	1.2	38.2
Mountain	16.90	2.6	35.8	15.80	2.5	35.6	23.00	3.5	37.2
Pacific	20.70	1.8	35.7	19.63	2.6	35.8	26.45	1.2	35.4

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

² In this census division, data were collected between December 2003 and January 2005. The average reference period was July 2004.

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

⁴ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on hourly rate or salary; incentive workers are those whose wages

are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See Technical Note for more information.

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

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

⁸ Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Technical Note for a list of States making up the nine census divisions.

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

TABLE 2. Summary, East North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ July 2004

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	\$18.21	1.3	35.3	\$18.60	1.5	35.3	\$15.58	3.1	35.6
Private Industry	17.38	1.4	35.2	17.77	1.5	35.2	14.45	3.2	35.4
State and local government	23.57	2.0	36.0	24.67	1.7	35.9	19.53	4.7	36.4
Worker characteristics:⁵									
White-collar occupations ⁶	22.25	1.1	35.7	22.66	1.1	35.6	18.86	3.9	36.0
Professional specialty and technical ...	28.75	2.4	35.8	29.30	2.7	35.8	24.62	4.0	35.4
Executive, administrative, and managerial	31.30	1.7	39.2	31.56	1.8	39.1	28.20	4.4	39.8
Sales	17.05	5.1	31.3	17.49	5.4	31.0	12.44	5.2	34.0
Administrative support	14.24	1.0	36.4	14.45	1.0	36.4	12.76	4.5	36.4
Blue-collar occupations ⁶	16.27	2.0	37.8	16.49	2.3	37.7	15.02	3.5	38.3
Precision production, craft, and repair Machine operators, assemblers, and inspectors	20.67	1.8	39.7	21.19	1.9	39.6	17.39	5.3	40.2
Transportation and material moving ...	15.09	1.9	39.5	15.13	1.9	39.4	14.94	6.1	39.9
Handlers, equipment cleaners, helpers, and laborers	16.35	3.6	36.7	16.62	4.1	37.0	14.60	11.7	35.0
Service occupations ⁶	12.30	4.1	33.5	12.34	4.7	33.3	12.05	4.1	35.0
Full time	10.73	2.4	30.1	10.87	2.6	30.1	9.93	4.7	30.2
Part time	19.37	1.1	39.5	19.79	1.2	39.5	16.57	2.9	39.5
Union	9.84	2.1	20.0	10.02	2.4	19.8	8.59	4.7	21.1
Nonunion	21.53	1.5	37.5	21.86	1.6	37.5	19.61	4.5	37.8
Time	17.21	1.7	34.7	17.64	1.9	34.7	14.13	3.3	34.9
Incentive	17.96	1.3	35.2	18.33	1.4	35.1	15.50	3.7	35.4
	23.30	4.2	38.8	24.13	4.3	38.4	17.32	10.5	42.2
Establishment characteristics:									
Goods producing ⁷	19.37	2.0	39.5	-	-	-	-	-	-
Service producing ⁷	16.27	1.7	33.2	-	-	-	-	-	-
1 to 99 workers ⁸	14.99	2.0	33.8	15.32	2.1	33.8	12.52	3.9	33.4
100 to 499 workers	17.41	3.5	36.2	17.78	4.0	36.0	15.85	3.9	37.0
500 to 999 workers	20.53	2.1	36.9	20.80	2.2	36.9	19.41	5.2	36.6
1,000 to 2,499 workers	21.82	2.1	36.0	21.85	2.2	35.8	21.59	8.4	37.6
2,500 workers or more	26.26	2.5	37.5	26.28	2.5	37.5	-	-	-
Geographic areas:⁹									
New England	20.12	2.8	34.5	20.62	2.5	34.5	15.85	5.9	34.6
Middle Atlantic	20.59	.7	35.0	20.80	.6	35.1	16.59	5.6	35.0
East North Central	18.21	1.3	35.3	18.60	1.5	35.3	15.58	3.1	35.6
West North Central	16.84	3.1	35.3	17.61	3.6	35.5	14.00	4.0	35.0
South Atlantic	16.71	1.3	36.2	17.06	1.5	36.1	14.35	2.6	36.8
East South Central	14.49	7.6	37.4	15.42	4.3	36.6	12.99	16.1	38.7
West South Central	16.07	1.9	36.6	16.22	2.0	36.7	14.94	5.3	35.7
Mountain	16.90	2.6	35.8	16.97	3.0	35.8	16.60	4.7	35.5
Pacific	20.70	1.8	35.7	20.94	1.8	35.7	16.43	2.5	34.9

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

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

³ In this census division, data were collected between December 2003 and January 2005. The average reference period was July 2004.

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

⁵ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those

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

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

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

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

⁹ Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Technical Note for a list of States making up the nine census divisions.

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

TABLE 3. Selected occupations, East North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2004

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	\$18.21	1.3	35.3	\$19.37	1.1	39.5	\$9.84	2.1	20.0
All, excluding sales	18.31	1.3	35.7	19.27	1.1	39.5	10.29	2.4	19.9
White collar	22.25	1.1	35.7	23.44	.8	39.4	12.46	3.3	20.1
White collar, excluding sales	23.24	.7	36.6	23.81	.7	39.2	16.03	3.0	19.8
Professional specialty and technical	28.75	2.4	35.8	29.26	2.6	38.9	22.38	4.2	18.0
Professional specialty	31.05	2.5	35.8	31.56	2.7	38.8	24.26	4.3	17.6
Engineers, architects, and surveyors	32.25	2.5	40.6	32.27	2.5	40.7	—	—	—
Architects	28.43	10.8	42.7	28.44	10.8	42.8	—	—	—
Metallurgical and materials engineers	33.53	9.6	40.0	33.53	9.6	40.0	—	—	—
Civil engineers	25.21	9.5	40.5	25.21	9.5	40.5	—	—	—
Electrical and electronic engineers	31.84	3.5	40.7	31.84	3.5	40.7	—	—	—
Industrial engineers	30.38	3.4	40.7	30.45	3.5	41.1	—	—	—
Mechanical engineers	30.44	3.7	41.1	30.44	3.7	41.1	—	—	—
Engineers, n.e.c.	36.41	3.6	40.0	36.41	3.6	40.0	—	—	—
Mathematical and computer scientists	31.80	2.4	40.3	31.80	2.4	40.3	—	—	—
Computer systems analysts and scientists	31.55	2.6	40.2	31.55	2.6	40.2	—	—	—
Operations and systems researchers and analysts	36.11	3.4	40.0	36.11	3.4	40.0	—	—	—
Natural scientists	31.11	7.4	39.3	31.25	7.5	39.7	—	—	—
Chemists, except biochemists	34.06	9.5	40.0	34.06	9.5	40.0	—	—	—
Physical scientists, n.e.c.	31.10	23.3	40.0	31.10	23.3	40.0	—	—	—
Biological and life scientists	42.40	24.1	38.6	43.55	24.3	40.0	—	—	—
Medical scientists	25.17	14.0	37.9	25.20	14.2	38.8	—	—	—
Health related	30.43	4.5	33.0	30.97	5.3	39.5	28.18	3.8	19.5
Physicians	62.44	8.0	40.0	62.13	8.4	43.2	69.80	8.1	14.4
Registered nurses	26.05	1.9	31.9	25.91	2.0	39.0	26.54	4.3	19.7
Pharmacists	41.77	1.7	35.3	41.87	1.8	40.0	41.17	3.5	20.9
Dietitians	21.50	4.4	33.3	21.46	5.3	39.7	—	—	—
Respiratory therapists	20.23	1.9	34.4	20.19	2.1	39.2	—	—	—
Occupational therapists	24.96	3.5	34.0	23.63	1.8	39.0	—	—	—
Physical therapists	29.72	3.5	34.5	28.89	3.9	39.7	37.90	14.7	15.2
Speech therapists	30.25	5.2	32.4	32.09	3.9	37.8	22.56	10.6	20.4
Therapists, n.e.c.	19.84	6.9	36.3	20.01	7.2	39.4	—	—	—
Physicians' assistants	21.19	20.1	35.7	—	—	—	—	—	—
Teachers, college and university	43.50	3.7	35.1	44.50	3.0	38.8	28.48	9.2	14.5
Biological science teachers	58.38	24.0	39.4	62.22	20.3	42.1	—	—	—
Chemistry teachers	34.37	9.0	32.1	—	—	—	—	—	—
Psychology teachers	31.04	13.0	35.4	—	—	—	—	—	—
Engineering teachers	64.56	19.0	35.7	—	—	—	—	—	—
Mathematical science teachers	46.90	4.3	37.2	47.22	3.9	38.6	—	—	—
Computer science teachers	52.24	7.0	33.9	—	—	—	—	—	—
Health specialties teachers	42.50	14.0	38.8	42.49	14.1	40.2	—	—	—
Business, commerce, and marketing teachers ..	40.13	14.8	28.4	39.81	15.6	39.5	—	—	—
Art, drama, and music teachers	30.99	14.0	32.9	32.28	15.9	38.6	—	—	—
Physical education teachers	29.33	9.6	38.0	29.33	9.6	38.0	—	—	—
Education teachers	39.88	7.3	36.5	40.13	6.9	38.1	—	—	—
English teachers	46.08	20.5	37.6	46.49	20.4	38.9	—	—	—
Other post-secondary teachers	38.91	10.4	29.4	41.23	11.4	37.4	30.90	6.4	16.8
Teachers, except college and university	32.32	4.1	33.7	33.14	3.2	36.0	16.05	16.0	14.9
Prekindergarten and kindergarten	19.39	26.3	33.9	21.57	19.6	37.3	—	—	—
Elementary school teachers	33.95	2.3	35.4	33.99	2.4	35.6	27.76	11.1	16.8
Secondary school teachers	35.11	2.6	36.0	35.17	2.7	36.3	27.38	11.8	17.8
Teachers, special education	32.85	5.1	35.9	32.85	5.1	35.9	—	—	—
Teachers, n.e.c.	33.38	6.6	28.7	35.11	6.7	35.4	18.25	16.5	10.8
Substitute teachers	13.92	10.6	16.1	—	—	—	13.40	12.4	14.8
Vocational and educational counselors	24.63	8.7	37.0	24.71	9.2	38.1	—	—	—
Librarians, archivists, and curators	24.80	6.9	36.6	25.21	6.9	38.5	17.63	5.0	19.4
Librarians	25.39	6.5	36.6	25.85	6.6	38.7	17.75	4.8	19.4
Social scientists and urban planners	25.51	10.7	35.8	25.46	11.1	39.1	—	—	—
Psychologists	28.55	9.6	37.5	28.56	9.9	38.7	—	—	—
Urban planners	21.64	8.2	21.6	22.00	7.3	39.7	—	—	—
Social, recreation, and religious workers	17.91	3.5	37.4	17.96	3.6	39.1	16.58	7.8	18.8
Social workers	17.86	3.5	38.1	17.88	3.5	39.0	17.14	11.7	21.0

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 July 2004—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, recreation, and religious workers									
—Continued									
Recreation workers	\$18.98	12.0	27.9	—	—	—	—	—	—
Religious workers, n.e.c.	18.00	6.3	33.5	—	—	—	—	—	—
Lawyers and judges	46.72	14.8	40.5	\$46.90	14.9	41.0	—	—	—
Lawyers	46.79	14.9	40.5	46.98	15.0	41.0	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.98	4.5	34.6	24.86	4.2	39.8	\$14.74	24.5	14.7
Designers	23.07	7.9	38.6	23.63	8.3	40.2	—	—	—
Musicians and composers	28.97	11.7	29.0	—	—	—	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.69	16.4	38.5	22.34	15.8	39.1	—	—	—
Photographers	18.52	26.2	27.6	16.97	16.2	39.8	—	—	—
Editors and reporters	25.51	12.4	39.9	25.52	12.4	39.9	—	—	—
Public relations specialists	25.11	8.0	39.5	25.17	7.9	39.7	—	—	—
Athletes	32.92	32.3	28.0	34.51	31.3	39.8	9.71	12.6	5.3
Professional, n.e.c.	23.43	12.4	35.0	22.82	12.4	40.0	—	—	—
Technical	20.61	2.3	35.7	20.93	2.4	39.2	17.53	5.9	19.2
Clinical laboratory technologists and technicians	18.07	2.9	36.5	17.97	3.1	39.8	18.92	8.9	21.1
Dental hygienists	25.70	7.6	23.2	29.58	5.7	32.5	—	—	—
Health record technologists and technicians	14.33	6.8	35.6	14.01	6.9	39.2	—	—	—
Radiological technicians	25.28	7.2	33.1	26.41	8.6	39.1	21.51	9.2	21.9
Licensed practical nurses	17.11	1.4	34.0	17.12	1.5	39.3	17.08	3.3	20.3
Health technologists and technicians, n.e.c.	16.50	7.2	34.9	16.90	7.7	40.2	13.84	3.9	18.5
Electrical and electronic technicians	24.01	6.5	38.9	24.23	6.4	40.0	—	—	—
Mechanical engineering technicians	21.58	2.1	40.3	21.58	2.1	40.3	—	—	—
Engineering technicians, n.e.c.	24.07	5.4	39.5	24.11	5.4	39.7	—	—	—
Drafters	20.88	2.3	38.7	21.49	4.8	40.0	—	—	—
Surveying and mapping technicians	17.20	6.5	39.4	17.20	6.5	39.4	—	—	—
Biological technicians	17.34	5.8	39.7	17.34	5.8	39.7	—	—	—
Chemical technicians	20.41	7.7	40.0	20.41	7.7	40.0	—	—	—
Airplane pilots and navigators	77.53	26.4	19.5	103.81	9.7	22.3	—	—	—
Broadcast equipment operators	15.48	12.3	31.1	16.17	11.5	38.3	—	—	—
Computer programmers	26.53	6.2	39.8	26.53	6.2	39.8	—	—	—
Legal assistants	27.24	10.7	37.6	26.18	7.9	37.8	—	—	—
Technical and related, n.e.c.	17.31	12.3	39.3	17.35	12.4	40.0	14.72	2.6	16.9
Executive, administrative, and managerial									
Executives, administrators, and managers	34.83	2.9	39.6	34.82	2.9	39.9	37.89	17.4	10.5
Legislators	21.69	47.8	6.2	—	—	—	21.69	47.8	6.2
Administrators and officials, public administration	32.47	5.0	38.9	32.48	5.0	39.1	—	—	—
Financial managers	32.62	7.1	40.4	32.60	7.2	40.4	—	—	—
Personnel and labor relations managers	38.08	6.4	39.6	38.08	6.4	39.6	—	—	—
Purchasing managers	37.43	4.2	39.3	37.43	4.2	39.3	—	—	—
Managers, marketing, advertising, and public relations	41.42	6.5	41.2	41.43	6.5	41.3	—	—	—
Administrators, education and related fields	36.81	4.6	39.2	36.73	4.7	39.8	—	—	—
Managers, medicine and health	33.88	6.5	40.2	33.88	6.5	40.2	—	—	—
Managers, food servicing and lodging establishments	13.95	22.5	43.5	13.95	22.5	43.5	—	—	—
Managers, service organizations, n.e.c.	28.06	6.6	33.9	28.03	6.7	34.7	—	—	—
Managers and administrators, n.e.c.	36.29	3.5	40.6	36.26	3.5	40.7	—	—	—
Management related	25.89	1.8	38.6	26.11	1.7	39.9	19.93	9.6	20.0
Accountants and auditors	24.62	3.0	37.3	24.72	2.9	40.0	22.83	7.4	17.0
Underwriters	23.24	9.7	38.7	23.24	9.7	38.7	—	—	—
Other financial officers	28.92	4.0	39.5	29.12	4.1	40.0	—	—	—
Management analysts	30.94	7.3	39.6	31.03	7.5	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 July 2004—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									
Personnel, training, and labor relations specialists	\$25.35	3.8	38.2	\$25.87	3.5	40.1	—	—	—
Buyers, wholesale and retail trade, except farm products	26.05	8.6	40.4	26.05	8.6	40.4	—	—	—
Purchasing agents and buyers, n.e.c.	27.33	5.0	40.4	27.33	5.0	40.4	—	—	—
Construction inspectors	24.28	13.4	39.1	24.29	13.4	39.3	—	—	—
Inspectors and compliance officers, except construction	21.63	3.8	39.6	21.63	3.8	39.6	—	—	—
Management related, n.e.c.	25.61	3.9	38.2	25.97	3.9	39.7	\$18.61	15.4	22.3
Sales	17.05	5.1	31.3	20.92	3.9	40.4	7.81	1.3	20.3
Supervisors, sales	18.28	7.0	40.8	18.32	7.0	41.5	—	—	—
Insurance sales	25.80	32.4	37.3	25.93	32.9	38.3	—	—	—
Real estate sales	50.24	49.3	39.8	50.24	49.3	39.8	—	—	—
Securities and financial services sales	64.55	6.1	40.5	64.77	5.7	40.7	—	—	—
Advertising and related sales	27.02	13.0	39.8	27.02	13.0	39.8	—	—	—
Sales, other business services	22.98	6.6	39.1	23.88	6.4	40.7	9.85	28.4	24.6
Sales engineers	31.63	16.1	40.4	31.63	16.1	40.4	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.05	3.8	39.6	26.17	3.7	40.3	—	—	—
Sales workers, motor vehicles and boats	22.57	11.0	43.7	22.95	11.3	45.3	—	—	—
Sales workers, apparel	8.70	7.1	23.7	—	—	—	7.50	4.8	20.7
Sales workers, furniture and home furnishings ..	13.62	19.4	27.3	18.17	18.6	43.0	—	—	—
Sales workers, hardware and building supplies ..	12.26	16.1	31.4	14.78	12.6	40.6	7.72	11.4	22.4
Sales workers, parts	13.44	12.9	32.1	14.18	14.2	40.1	9.72	14.1	16.0
Sales workers, other commodities	10.91	7.4	27.3	13.71	12.9	39.4	8.08	3.9	20.8
Sales counter clerks	10.15	8.8	28.2	11.44	13.6	39.5	7.44	4.8	17.6
Cashiers	8.07	3.1	26.7	8.68	4.2	39.4	7.49	2.6	20.3
Demonstrators, promoters, and models, sales ..	9.51	4.8	19.1	—	—	—	—	—	—
Sales support, n.e.c.	14.06	24.5	30.9	19.27	20.0	40.6	—	—	—
Administrative support, including clerical	14.24	1.0	36.4	14.61	1.0	39.3	10.79	2.8	21.7
Supervisors, general office	19.42	11.6	39.1	19.42	11.6	39.1	—	—	—
Supervisors, financial records processing	20.83	10.4	39.7	20.83	10.4	39.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.89	11.6	39.9	20.98	11.7	40.5	—	—	—
Computer operators	16.33	4.8	38.1	16.61	4.0	39.5	—	—	—
Secretaries	15.83	2.0	37.6	15.97	2.1	39.2	13.89	6.2	24.3
Stenographers	24.61	37.9	36.5	16.69	10.1	39.1	—	—	—
Typists	13.74	5.1	36.2	13.86	5.6	38.9	—	—	—
Interviewers	10.78	5.0	33.1	10.90	6.2	40.0	10.03	6.4	15.6
Hotel clerks	8.32	2.5	34.1	8.28	2.3	39.3	8.44	4.2	22.9
Transportation ticket and reservation agents	15.02	9.0	36.5	15.74	8.7	40.0	—	—	—
Receptionists	11.67	6.8	33.5	12.24	7.0	39.4	8.85	9.3	19.2
Information clerks, n.e.c.	13.55	5.5	38.6	13.63	5.7	39.7	10.58	5.4	19.6
Order clerks	14.22	4.9	36.1	15.14	3.6	40.0	9.72	12.1	24.5
Personnel clerks, except payroll and timekeeping	17.47	3.0	39.8	17.49	3.0	40.3	—	—	—
Library clerks	11.16	6.2	28.5	11.44	8.9	38.5	10.53	7.6	17.9
File clerks	10.32	4.3	29.3	10.71	3.4	39.7	9.61	3.6	19.8
Records clerks, n.e.c.	13.66	5.8	37.8	13.82	5.9	39.1	11.02	2.4	24.2
Bookkeepers, accounting and auditing clerks ...	14.22	2.9	37.9	14.30	2.9	39.4	11.51	7.8	16.5
Payroll and timekeeping clerks	16.33	5.5	38.4	16.63	5.1	39.8	—	—	—
Billing clerks	14.29	3.2	37.7	14.50	2.6	39.3	—	—	—
Billing, posting, and calculating machine operators	12.05	8.3	29.3	—	—	—	—	—	—
Duplicating machine operators	14.41	6.8	39.9	14.41	6.8	39.9	—	—	—
Office machine operators, n.e.c.	11.59	3.2	40.0	11.59	3.2	40.0	—	—	—
Telephone operators	12.98	13.2	35.2	13.27	13.6	39.3	9.67	5.5	16.2

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 July 2004—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									
Mail clerks, except postal service	\$15.42	14.6	32.3	\$16.89	14.1	38.6	—	—	—
Messengers	8.94	19.6	19.9	—	—	—	—	—	—
Dispatchers	14.69	5.0	38.0	15.03	5.8	40.4	\$10.07	14.7	20.8
Production coordinators	20.25	6.2	39.8	20.25	6.2	39.8	—	—	—
Traffic, shipping and receiving clerks	13.87	5.6	39.4	13.91	5.7	40.0	11.06	7.5	20.8
Stock and inventory clerks	13.02	2.7	34.7	13.39	3.6	39.6	10.27	13.6	18.1
Meter readers	13.96	5.1	26.8	14.21	3.6	40.0	—	—	—
Weighers, measurers, checkers, and samplers	16.16	18.0	40.0	16.16	18.0	40.0	—	—	—
Expeditors	14.72	15.6	34.4	16.45	11.7	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	14.03	14.1	33.2	15.02	12.7	39.5	—	—	—
Insurance adjusters, examiners, and investigators	17.17	7.2	38.5	17.12	7.4	39.0	—	—	—
Investigators and adjusters, except insurance	14.71	5.6	36.6	15.25	5.1	39.7	10.93	10.6	23.6
Eligibility clerks, social welfare	13.84	7.6	40.0	13.84	7.6	40.0	—	—	—
Bill and account collectors	13.73	11.7	36.5	14.68	12.4	39.6	9.15	6.3	26.3
General office clerks	13.08	1.9	35.5	13.49	2.2	39.0	10.28	5.6	21.9
Bank tellers	10.22	2.0	35.2	10.39	1.7	39.6	9.12	3.8	21.0
Data entry keyers	12.34	6.1	37.6	12.32	4.3	39.7	12.43	23.6	27.5
Statistical clerks	16.10	10.5	35.8	17.33	5.8	40.0	—	—	—
Teachers' aides	11.81	5.5	32.4	12.05	6.8	34.8	11.03	4.7	26.6
Administrative support, n.e.c.	14.43	2.6	35.7	14.90	3.0	39.1	10.72	2.8	21.2
Blue collar	16.27	2.0	37.8	16.73	2.0	40.0	9.51	3.8	21.0
Precision production, craft, and repair									
Supervisors, mechanics and repairers	26.11	5.4	40.1	26.24	5.4	40.3	—	—	—
Automobile mechanics	16.08	7.2	40.6	16.08	7.2	40.6	—	—	—
Bus, truck, and stationary engine mechanics	18.87	3.9	39.9	18.88	3.9	40.1	—	—	—
Automobile body and related repairers	17.15	10.9	40.6	17.15	10.9	40.6	—	—	—
Aircraft mechanics, except engine	25.66	6.3	40.0	25.66	6.3	40.0	—	—	—
Heavy equipment mechanics	19.75	12.7	40.0	19.75	12.7	40.0	—	—	—
Industrial machinery repairers	22.44	3.6	40.0	22.45	3.6	40.0	—	—	—
Machinery maintenance	16.65	7.8	38.4	16.65	7.8	38.4	—	—	—
Electronic repairers, communications and industrial equipment	21.86	11.4	39.9	21.86	11.4	39.9	—	—	—
Telephone installers and repairers	19.94	10.0	40.0	19.94	10.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.47	5.9	40.0	16.47	5.9	40.0	—	—	—
Office machine repairers	17.61	5.8	40.0	17.61	5.8	40.0	—	—	—
Mechanical controls and valve repairers	19.84	8.4	36.6	20.97	6.0	40.0	—	—	—
Millwrights	26.16	3.9	40.0	26.16	3.9	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.67	4.6	39.0	16.95	4.5	40.0	—	—	—
Supervisors, carpenters and related workers	28.57	5.9	40.0	28.57	5.9	40.0	—	—	—
Supervisors, electricians and power transmission installers	32.47	5.6	42.0	32.47	5.6	42.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters	26.92	13.1	40.0	26.92	13.1	40.0	—	—	—
Supervisors, construction trades, n.e.c.	26.50	8.7	40.5	26.50	8.7	40.5	—	—	—
Brickmasons and stonemasons	29.53	4.0	36.4	29.58	4.4	40.0	—	—	—
Carpenters	21.95	12.9	39.8	21.95	12.9	39.8	—	—	—
Electricians	25.06	7.0	39.5	25.08	7.0	40.0	—	—	—
Electrical power installers and repairers	27.28	3.5	40.0	27.28	3.5	40.0	—	—	—
Painters, construction and maintenance	17.88	10.1	39.8	17.88	10.1	39.8	—	—	—
Plumbers, pipefitters and steamfitters	23.92	4.9	39.8	23.92	4.9	39.8	—	—	—
Concrete and terrazzo finishers	24.17	9.7	40.0	24.17	9.7	40.0	—	—	—
Roofers	22.03	5.0	40.0	22.03	5.0	40.0	—	—	—
Construction trades, n.e.c.	19.09	15.0	39.8	19.09	15.0	39.8	—	—	—
Supervisors, production	22.43	4.1	40.6	22.60	4.0	40.4	—	—	—
Tool and die makers	24.82	2.0	40.2	24.82	2.0	40.2	—	—	—

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 July 2004—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									
Tool and die maker apprentices	\$19.70	9.5	40.0	\$19.70	9.5	40.0	—	—	—
Precision assemblers, metal	21.04	8.9	40.0	21.04	8.9	40.0	—	—	—
Machinists	19.31	3.3	40.0	19.31	3.3	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	19.41	5.4	40.0	19.41	5.4	40.0	—	—	—
Patternmakers and modelmakers, metal	20.32	9.7	40.0	20.32	9.7	40.0	—	—	—
Dental laboratory and medical appliance technicians	14.39	5.1	40.0	14.39	5.1	40.0	—	—	—
Electrical and electronic equipment assemblers	11.09	10.6	40.0	11.09	10.6	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.88	10.2	40.0	16.88	10.2	40.0	—	—	—
Butchers and meat cutters	10.11	12.3	39.7	10.12	12.5	40.0	—	—	—
Bakers	13.16	6.5	35.4	13.56	5.8	37.5	—	—	—
Food batchmakers	13.90	16.1	40.0	13.90	16.1	40.0	—	—	—
Inspectors, testers, and graders	18.89	5.9	40.0	18.89	5.9	40.0	—	—	—
Water and sewer treatment plant operators	19.82	4.3	40.0	19.82	4.3	40.0	—	—	—
Stationary engineers	26.40	6.9	39.5	26.40	6.9	39.5	—	—	—
Miscellaneous plant and system operators, n.e.c.	20.14	7.4	40.0	20.14	7.4	40.0	—	—	—
Machine operators, assemblers, and inspectors	15.09	1.9	39.5	15.18	1.8	39.9	\$9.61	6.9	23.4
Lathe and turning-machine set-up operators	16.64	6.5	40.0	16.64	6.5	40.0	—	—	—
Lathe and turning-machine operators	16.92	5.5	38.8	17.26	5.8	40.0	—	—	—
Milling and planing machine operators	14.50	6.7	40.0	14.50	6.7	40.0	—	—	—
Punching and stamping press operators	13.47	12.1	38.5	13.70	11.4	40.0	—	—	—
Rolling machine operators	13.81	6.0	40.0	13.81	6.0	40.0	—	—	—
Drilling and boring machine operators	12.31	16.7	40.0	12.31	16.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.89	4.7	38.6	14.08	4.4	40.0	—	—	—
Forging machine operators	18.03	12.6	40.0	18.03	12.6	40.0	—	—	—
Numerical control machine operators	16.27	6.0	40.0	16.27	6.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	18.30	4.7	39.9	18.30	4.7	39.9	—	—	—
Molding and casting machine operators	12.72	6.0	39.4	12.77	6.1	40.0	—	—	—
Metal plating machine operators	13.23	4.8	39.3	13.23	4.8	39.3	—	—	—
Heat treating equipment operators	17.44	6.8	40.0	17.44	6.8	40.0	—	—	—
Sawing machine operators	12.53	10.4	40.0	12.53	10.4	40.0	—	—	—
Printing press operators	16.25	5.2	39.4	16.28	5.3	39.7	—	—	—
Photoengravers and lithographers	16.89	6.0	39.3	16.89	6.0	39.3	—	—	—
Textile sewing machine operators	13.78	19.5	39.1	13.94	19.3	40.0	—	—	—
Pressing machine operators	9.20	8.6	39.0	9.15	8.9	40.0	—	—	—
Laundering and dry cleaning machine operators	8.62	5.7	34.2	8.99	6.1	39.3	6.35	3.9	19.0
Packaging and filling machine operators	15.08	6.3	39.7	15.12	6.3	39.9	—	—	—
Extruding and forming machine operators	13.31	6.9	39.8	13.31	6.9	39.8	—	—	—
Mixing and blending machine operators	18.34	15.0	39.9	18.34	15.0	39.9	—	—	—
Separating, filtering, and clarifying machine operators	21.12	6.5	40.0	21.12	6.5	40.0	—	—	—
Compressing and compacting machine operators	11.88	10.1	39.7	11.88	10.1	39.7	—	—	—
Painting and paint spraying machine operators	13.58	6.7	39.9	13.58	6.7	39.9	—	—	—
Roasting and baking machine operators, food ..	13.78	12.3	38.9	—	—	—	—	—	—
Furnace, kiln, and oven operators, except food	15.84	16.3	40.0	15.84	16.3	40.0	—	—	—
Slicing and cutting machine operators	15.28	6.8	41.7	16.04	3.7	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	15.06	5.4	39.5	15.13	5.4	39.8	10.56	11.3	25.8
Welders and cutters	16.92	4.2	39.8	16.92	4.2	39.8	—	—	—
Assemblers	15.91	3.8	39.7	15.93	3.7	40.0	13.70	17.4	20.3
Hand painting, coating, and decorating	11.44	12.2	37.9	11.44	12.2	37.9	—	—	—
Miscellaneous hand working, n.e.c.	13.29	6.8	39.5	13.35	6.9	39.8	—	—	—
Production inspectors, checkers and examiners	15.28	5.8	39.7	15.32	5.8	40.0	—	—	—
Production testers	13.39	10.5	39.4	13.39	10.5	39.4	—	—	—
Transportation and material moving	16.35	3.6	36.7	17.10	3.4	40.3	9.88	4.2	21.0
Supervisors, motor vehicle operators	17.03	14.2	44.7	17.03	14.2	44.7	—	—	—
Truckdrivers	16.93	4.8	39.4	17.32	4.4	40.8	9.86	5.5	24.8

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 July 2004—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Driver-sales workers	\$9.54	10.5	25.4	\$13.64	8.1	40.0	\$7.07	8.5	20.8
Busdrivers	15.50	3.0	27.5	16.62	3.3	35.7	13.83	4.3	20.5
Taxicab drivers and chauffeurs	7.51	3.2	39.1	—	—	—	—	—	—
Motor transportation, n.e.c.	9.09	12.6	18.8	15.60	16.2	37.7	7.02	7.5	16.3
Supervisors, material moving equipment	21.22	3.0	42.4	21.22	3.0	42.4	—	—	—
Operating engineers	26.06	4.2	38.3	26.06	4.2	38.3	—	—	—
Crane and tower operators	15.46	3.2	40.0	15.46	3.2	40.0	—	—	—
Excavating and loading machine operators	15.80	16.1	40.0	15.80	16.1	40.0	—	—	—
Grader, dozer, and scraper operators	18.84	16.3	40.0	18.84	16.3	40.0	—	—	—
Industrial truck and tractor equipment operators	15.65	3.9	39.5	15.75	3.9	39.9	12.54	26.5	30.1
Miscellaneous material moving equipment operators, n.e.c.	16.44	6.1	37.1	16.82	6.8	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	12.30	4.1	33.5	13.14	4.7	39.9	9.00	3.2	20.6
Supervisors, agriculture-related workers	15.90	14.7	42.1	15.90	14.7	42.1	—	—	—
Groundskeepers and gardeners, except farm ...	10.70	9.6	36.1	11.03	11.3	39.7	8.79	5.9	23.7
Animal caretakers, except farm	13.18	20.7	30.2	14.25	18.0	38.5	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.72	6.8	39.5	18.82	7.2	40.2	—	—	—
Helpers, mechanics and repairers	11.53	11.6	36.7	11.95	11.1	40.1	—	—	—
Helpers, construction trades	16.55	9.4	39.2	16.61	9.6	40.0	—	—	—
Construction laborers	20.08	4.6	37.1	19.62	5.1	40.0	—	—	—
Production helpers	12.21	2.5	38.7	12.29	2.3	39.9	—	—	—
Stock handlers and baggers	10.18	3.8	27.2	12.20	3.7	39.8	7.60	2.8	19.4
Machine feeders and offbearers	11.75	9.6	38.2	11.89	9.7	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	13.79	5.9	33.2	14.39	6.9	39.7	11.87	3.1	21.7
Garage and service station related	8.38	6.7	38.4	8.50	7.2	40.0	—	—	—
Vehicle washers and equipment cleaners	10.85	15.3	33.6	12.04	12.1	40.2	6.54	4.4	21.0
Hand packers and packagers	10.45	10.3	38.8	10.62	11.2	39.8	8.41	4.9	29.5
Laborers, except construction, n.e.c.	12.04	8.0	34.2	12.82	10.4	39.9	8.86	7.8	21.6
Service									
Protective service	10.73	2.4	30.1	12.20	2.5	38.9	7.13	2.2	19.5
Protective service	18.49	4.1	37.0	19.06	3.6	41.1	10.41	3.8	15.6
Supervisors, firefighters and fire prevention	22.11	6.4	50.1	22.11	6.4	50.1	—	—	—
Supervisors, police and detectives	29.52	8.9	40.1	29.52	8.9	40.1	—	—	—
Supervisors, guards	19.10	14.7	39.7	19.10	14.7	39.7	—	—	—
Firefighting	20.79	2.1	46.1	20.92	1.9	50.1	12.95	14.3	8.3
Police and detectives, public service	24.40	1.2	38.4	24.52	1.2	39.9	15.86	10.0	10.8
Sheriffs, bailiffs, and other law enforcement officers	18.20	4.3	39.8	18.21	4.3	39.9	—	—	—
Correctional institution officers	18.12	4.7	38.4	18.30	4.4	39.2	—	—	—
Crossing guards	8.44	9.3	12.8	—	—	—	8.44	9.3	12.8
Guards and police, except public service	10.38	3.6	32.9	10.36	3.5	39.3	10.49	6.1	17.7
Protective service, n.e.c.	12.35	14.6	26.5	13.65	16.5	38.0	8.53	10.2	14.0
Food service	7.35	2.0	26.2	8.69	3.6	37.9	6.03	2.0	20.1
Waiters, waitresses, and bartenders	4.41	3.0	23.6	4.83	6.2	36.7	4.14	3.8	19.2
Bartenders	6.69	3.7	22.7	7.02	3.2	36.1	6.43	5.5	17.7
Waiters and waitresses	3.33	5.8	23.6	3.31	10.2	36.3	3.34	6.0	19.9
Waiters/Waitresses' assistants	6.04	6.1	24.9	6.84	3.8	38.6	5.23	8.2	18.3
Other food service	8.59	2.5	27.5	9.84	3.0	38.3	7.10	2.0	20.6
Supervisors, food preparation and service	12.36	4.2	38.6	12.38	4.7	39.9	12.11	11.7	26.0
Cooks	9.45	4.9	31.6	10.10	2.9	38.0	7.47	6.6	20.8
Kitchen workers, food preparation	7.71	3.0	27.5	8.44	4.7	39.3	7.02	3.2	21.4
Food preparation, n.e.c.	7.60	2.4	24.3	8.60	2.2	37.0	7.06	2.7	20.5
Health service	11.10	3.4	34.5	11.23	3.8	38.8	10.18	2.7	20.0
Dental assistants	13.40	4.5	37.2	—	—	—	—	—	—
Health aides, except nursing	11.83	3.9	33.4	12.17	3.9	39.4	10.29	4.9	20.0
Nursing aides, orderlies, and attendants	10.31	3.1	34.2	10.35	3.6	38.8	10.09	2.9	20.1
Cleaning and building service	11.09	3.4	33.0	11.67	2.9	39.1	8.36	7.2	18.9

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 July 2004—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Cleaning and building service—Continued									
Supervisors, cleaning and building service workers	\$16.82	6.5	39.6	\$16.85	6.6	39.9	—	—	—
Maids and housemen	8.30	4.5	32.0	8.21	3.6	37.2	\$8.77	17.6	18.4
Janitors and cleaners	11.43	3.3	32.9	12.16	2.2	39.5	8.26	5.3	19.0
Personal service	10.67	4.5	26.6	11.71	5.7	36.7	8.84	6.4	17.9
Hairdressers and cosmetologists	14.92	15.8	28.6	14.75	10.7	39.6	—	—	—
Attendants, amusement and recreation facilities	7.13	4.1	24.0	6.96	7.1	40.0	7.20	5.7	20.4
Ushers	6.68	7.3	9.8	—	—	—	6.68	7.3	9.8
Public transportation attendants	30.59	5.9	18.6	31.97	6.6	19.1	—	—	—
Baggage porters and bellhops	8.77	26.8	35.3	—	—	—	—	—	—
Welfare service aides	9.64	6.7	29.3	10.27	7.1	38.7	8.02	1.3	18.1
Early childhood teachers' assistants	9.14	5.2	30.4	9.30	7.1	38.0	8.48	7.7	16.5
Childcare workers, n.e.c.	11.10	10.2	23.3	12.10	14.7	38.5	8.86	4.2	12.4
Service, n.e.c.	9.66	5.1	26.1	10.60	7.4	39.4	8.60	3.5	19.0

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

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

³ In this census division, data were collected between December 2003 and January

2005. The average reference period was July 2004.

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 July 2004

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	\$17.38	1.4	35.2	\$18.57	1.2	39.7	\$9.52	2.2	20.1
All, excluding sales	17.41	1.3	35.7	18.39	1.2	39.7	9.95	2.5	20.1
White collar	21.22	1.5	35.6	22.49	1.2	39.8	12.07	3.4	20.3
White collar, excluding sales	22.21	.8	36.8	22.78	.9	39.7	15.81	3.3	20.2
Professional specialty and technical	27.07	2.6	36.0	27.53	2.9	39.8	22.49	5.0	18.5
Professional specialty	29.61	3.3	36.3	30.06	3.6	40.0	24.80	5.3	18.3
Engineers, architects, and surveyors	32.43	2.5	40.7	32.45	2.5	40.7	-	-	-
Metallurgical and materials engineers	33.53	9.6	40.0	33.53	9.6	40.0	-	-	-
Electrical and electronic engineers	32.44	3.4	40.8	32.44	3.4	40.8	-	-	-
Industrial engineers	30.38	3.4	40.7	30.46	3.5	41.1	-	-	-
Mechanical engineers	30.41	3.7	41.1	30.41	3.7	41.1	-	-	-
Engineers, n.e.c.	37.01	3.1	40.0	37.01	3.1	40.0	-	-	-
Mathematical and computer scientists	32.10	3.9	40.4	32.10	3.9	40.4	-	-	-
Computer systems analysts and scientists	31.87	4.0	40.3	31.87	4.0	40.3	-	-	-
Operations and systems researchers and analysts	36.11	3.4	40.0	36.11	3.4	40.0	-	-	-
Natural scientists	35.27	7.8	39.5	35.36	7.9	39.8	-	-	-
Chemists, except biochemists	34.06	9.5	40.0	34.06	9.5	40.0	-	-	-
Biological and life scientists	44.17	25.0	40.0	44.17	25.0	40.0	-	-	-
Medical scientists	32.73	16.4	37.1	-	-	-	-	-	-
Health related	30.48	5.5	32.5	31.01	6.6	39.6	28.52	3.8	19.5
Physicians	69.08	9.4	39.2	69.04	10.2	43.8	69.80	8.1	14.4
Registered nurses	26.11	2.1	31.5	25.90	2.4	39.0	26.75	4.2	19.8
Pharmacists	42.23	1.5	34.9	42.43	1.6	40.0	41.17	3.5	20.9
Dietitians	21.27	6.8	34.1	21.16	8.1	39.8	-	-	-
Respiratory therapists	20.16	1.9	34.1	20.12	2.2	39.2	-	-	-
Occupational therapists	24.90	3.6	34.4	23.59	1.8	38.9	-	-	-
Physical therapists	29.93	4.1	34.5	29.05	4.1	39.6	38.69	14.9	15.0
Speech therapists	23.86	8.7	30.0	24.96	7.9	40.0	21.80	11.0	20.4
Therapists, n.e.c.	19.89	7.9	35.5	19.91	8.1	40.0	-	-	-
Physicians' assistants	21.19	20.1	35.7	-	-	-	-	-	-
Teachers, college and university	41.77	9.7	36.4	43.20	8.2	40.3	19.33	17.8	14.3
Biological science teachers	63.70	20.4	42.3	63.70	20.4	42.3	-	-	-
Mathematical science teachers	46.46	11.5	40.0	46.62	11.3	40.4	-	-	-
Art, drama, and music teachers	34.77	17.1	28.1	39.63	15.6	40.0	-	-	-
Education teachers	33.05	5.0	36.8	33.70	4.7	39.0	-	-	-
English teachers	29.00	6.6	37.1	-	-	-	-	-	-
Other post-secondary teachers	41.35	19.4	33.5	43.31	19.1	37.6	-	-	-
Teachers, except college and university	20.42	10.9	31.2	21.80	6.7	37.9	11.28	25.4	14.3
Prekindergarten and kindergarten	11.76	21.6	33.7	13.16	18.9	38.0	-	-	-
Elementary school teachers	22.99	5.2	36.3	22.85	5.1	37.0	33.33	11.8	16.3
Secondary school teachers	28.91	3.3	37.9	28.93	3.3	38.1	-	-	-
Teachers, n.e.c.	25.08	10.9	19.7	28.84	4.2	38.2	14.87	39.6	8.5
Substitute teachers	9.37	16.8	17.3	-	-	-	9.37	16.8	17.3
Vocational and educational counselors	18.15	18.2	39.4	18.19	18.5	39.8	-	-	-
Librarians, archivists, and curators	25.54	17.3	37.3	25.88	17.7	38.5	-	-	-
Librarians	25.83	17.7	37.2	26.19	18.2	38.5	-	-	-
Social scientists and urban planners	21.81	12.5	36.8	21.44	13.6	39.3	-	-	-
Psychologists	21.77	14.0	37.0	21.22	15.9	39.0	-	-	-
Social, recreation, and religious workers	16.15	3.9	37.4	16.10	4.0	39.2	16.92	7.6	20.5
Social workers	15.85	3.4	37.7	15.81	3.6	39.1	16.62	10.8	20.9
Religious workers, n.e.c.	18.00	6.3	33.5	-	-	-	-	-	-
Lawyers and judges	48.15	18.8	42.3	48.15	18.8	42.3	-	-	-
Lawyers	48.15	18.8	42.3	48.15	18.8	42.3	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.94	6.0	34.6	23.76	5.9	39.8	14.80	25.0	15.0
Designers	23.09	7.8	38.7	23.61	8.2	40.2	-	-	-
Musicians and composers	28.97	11.7	29.0	-	-	-	-	-	-
Painters, sculptors, craft artists, and artist printmakers	21.69	16.4	38.5	22.34	15.8	39.1	-	-	-
Photographers	18.52	26.2	27.6	16.97	16.2	39.8	-	-	-
Editors and reporters	25.67	12.4	40.0	25.67	12.4	40.0	-	-	-
Public relations specialists	25.70	11.3	39.2	25.80	11.2	39.6	-	-	-

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 July 2004—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									
Athletes	\$18.49	40.6	23.8	—	—	—	\$9.82	15.4	5.5
Professional, n.e.c.	23.37	12.8	34.9	\$22.73	12.9	40.0	—	—	—
Technical	20.78	2.3	35.5	21.14	2.3	39.2	17.54	6.1	19.1
Clinical laboratory technologists and technicians									
.....	18.17	2.9	36.5	18.07	3.1	39.8	19.04	9.4	21.0
Dental hygienists	26.07	7.2	22.7	30.75	2.6	31.9	—	—	—
Health record technologists and technicians	13.52	6.5	34.9	13.02	5.8	39.1	—	—	—
Radiological technicians	25.56	7.3	32.9	26.81	8.7	39.1	21.50	9.6	21.8
Licensed practical nurses	17.16	1.4	33.8	17.18	1.5	39.2	17.04	3.8	19.9
Health technologists and technicians, n.e.c.	16.53	7.8	34.7	16.98	8.4	40.3	13.75	3.9	18.6
Electrical and electronic technicians	24.05	6.5	38.9	24.27	6.4	40.0	—	—	—
Mechanical engineering technicians	21.58	2.1	40.3	21.58	2.1	40.3	—	—	—
Engineering technicians, n.e.c.	24.51	6.0	39.9	24.51	6.0	39.9	—	—	—
Drafters	20.88	2.3	38.7	21.49	4.8	40.0	—	—	—
Biological technicians	17.52	6.1	39.6	17.52	6.1	39.6	—	—	—
Chemical technicians	20.45	7.9	40.0	20.45	7.9	40.0	—	—	—
Airplane pilots and navigators	77.53	26.4	19.5	103.81	9.7	22.3	—	—	—
Broadcast equipment operators	15.77	13.0	30.5	16.58	12.1	38.3	—	—	—
Computer programmers	26.34	7.2	39.8	26.34	7.2	39.8	—	—	—
Legal assistants	28.13	13.5	37.8	26.94	10.4	37.7	—	—	—
Technical and related, n.e.c.	16.18	14.5	39.4	16.20	14.7	40.0	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	34.44	2.0	39.3	31.61	2.0	40.0	21.41	8.1	19.3
Financial managers	34.70	3.4	39.9	34.68	3.4	40.0	—	—	—
Personnel and labor relations managers	32.64	7.2	40.4	32.61	7.2	40.4	—	—	—
Purchasing managers	37.22	5.8	39.7	37.22	5.8	39.7	—	—	—
Managers, marketing, advertising, and public relations	37.46	4.2	39.3	37.46	4.2	39.3	—	—	—
Administrators, education and related fields	41.54	6.5	41.3	41.54	6.5	41.3	—	—	—
Managers, medicine and health	28.50	9.9	41.2	28.54	10.1	41.9	—	—	—
Managers, food servicing and lodging establishments	33.75	6.9	40.3	33.75	6.9	40.3	—	—	—
Managers, service organizations, n.e.c.	13.28	25.2	44.2	13.28	25.2	44.2	—	—	—
Managers and administrators, n.e.c.	27.77	7.9	33.6	27.73	8.0	34.4	—	—	—
Management related	36.26	3.7	40.7	36.23	3.7	40.7	—	—	—
Accountants and auditors	26.29	2.0	38.5	26.57	1.8	40.0	19.76	9.6	19.9
Underwriters	24.54	2.9	37.1	24.66	2.8	40.3	22.83	7.4	17.0
Other financial officers	23.24	9.7	38.7	23.24	9.7	38.7	—	—	—
Management analysts	29.13	4.2	39.5	29.35	4.3	39.9	—	—	—
Personnel, training, and labor relations specialists	30.90	8.2	39.5	31.00	8.5	40.0	—	—	—
Buyers, wholesale and retail trade, except farm products	25.67	3.7	38.2	26.28	3.4	40.2	—	—	—
Purchasing agents and buyers, n.e.c.	26.16	9.0	40.4	26.16	9.0	40.4	—	—	—
Inspectors and compliance officers, except construction	27.40	5.3	40.4	27.40	5.3	40.4	—	—	—
Management related, n.e.c.	24.25	8.4	39.9	24.25	8.4	39.9	—	—	—
	25.35	4.1	38.1	25.75	4.1	39.7	17.81	17.6	21.8
Sales									
Supervisors, sales	17.05	5.1	31.3	20.93	3.9	40.4	7.79	1.3	20.3
Insurance sales	18.28	7.0	40.8	18.32	7.0	41.5	—	—	—
Real estate sales	25.80	32.4	37.3	25.93	32.9	38.3	—	—	—
Securities and financial services sales	50.24	49.3	39.8	50.24	49.3	39.8	—	—	—
Advertising and related sales	64.55	6.1	40.5	64.77	5.7	40.7	—	—	—
Sales, other business services	27.02	13.0	39.8	27.02	13.0	39.8	—	—	—
Sales engineers	22.98	6.6	39.1	23.88	6.4	40.7	9.85	28.4	24.6
	31.63	16.1	40.4	31.63	16.1	40.4	—	—	—

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 July 2004—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales representatives, mining, manufacturing, and wholesale	\$26.05	3.8	39.6	\$26.17	3.7	40.3	—	—	—
Sales workers, motor vehicles and boats	22.57	11.0	43.7	22.95	11.3	45.3	—	—	—
Sales workers, apparel	8.70	7.1	23.7	—	—	—	\$7.50	4.8	20.7
Sales workers, furniture and home furnishings ..	13.62	19.4	27.3	18.17	18.6	43.0	—	—	—
Sales workers, hardware and building supplies ..	12.26	16.1	31.4	14.78	12.6	40.6	7.72	11.4	22.4
Sales workers, parts	13.44	12.9	32.1	14.18	14.2	40.1	9.72	14.1	16.0
Sales workers, other commodities	10.91	7.4	27.3	13.71	12.9	39.4	8.08	3.9	20.8
Sales counter clerks	10.15	8.8	28.2	11.44	13.6	39.5	7.44	4.8	17.6
Cashiers	8.02	3.0	26.7	8.61	4.2	39.4	7.44	2.5	20.3
Demonstrators, promoters, and models, sales ..	9.52	4.8	19.2	—	—	—	—	—	—
Sales support, n.e.c.	14.06	24.5	30.9	19.27	20.0	40.6	—	—	—
Administrative support, including clerical									
Supervisors, general office	14.19	1.3	36.4	14.59	1.2	39.5	10.69	3.2	21.6
Supervisors, financial records processing	19.51	12.7	39.1	19.51	12.7	39.1	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.83	10.6	39.7	20.83	10.6	39.7	—	—	—
Computer operators	21.21	13.5	40.1	21.33	13.7	40.8	—	—	—
Secretaries	16.25	5.2	38.1	16.54	4.4	39.5	—	—	—
Stenographers	16.21	2.9	37.5	16.40	2.9	39.3	14.09	8.3	25.1
Typists	25.66	40.0	36.2	16.53	11.5	39.4	—	—	—
Interviewers	14.09	7.0	35.1	14.20	7.8	38.7	—	—	—
Hotel clerks	10.75	5.0	33.4	10.87	6.3	40.0	9.92	6.6	15.6
Transportation ticket and reservation agents	8.32	2.5	34.1	8.28	2.3	39.3	8.44	4.2	22.9
Receptionists	15.02	9.0	36.5	15.74	8.7	40.0	—	—	—
Information clerks, n.e.c.	11.65	6.9	33.5	12.22	7.1	39.4	8.84	9.5	19.3
Order clerks	13.53	5.9	38.8	13.59	6.1	39.7	10.73	5.1	19.1
Personnel clerks, except payroll and timekeeping	14.22	4.9	36.1	15.14	3.6	40.0	9.72	12.1	24.5
Library clerks	16.70	3.7	39.8	16.69	4.0	40.5	—	—	—
File clerks	12.06	8.5	31.1	—	—	—	—	—	—
Records clerks, n.e.c.	10.34	4.4	29.2	10.74	3.4	39.7	9.63	3.6	19.8
Bookkeepers, accounting and auditing clerks ...	13.14	4.5	37.8	13.30	4.8	39.5	11.01	2.5	24.4
Payroll and timekeeping clerks	14.14	3.4	37.8	14.22	3.5	39.4	11.49	8.3	16.2
Billing clerks	16.29	5.9	38.2	16.62	5.5	39.8	—	—	—
Billing, posting, and calculating machine operators	14.28	3.3	37.6	14.50	2.7	39.3	—	—	—
Duplicating machine operators	12.05	8.3	29.3	—	—	—	—	—	—
Telephone operators	13.87	8.4	40.0	13.87	8.4	40.0	—	—	—
Mail clerks, except postal service	13.14	13.4	35.0	13.47	13.7	39.3	9.67	5.5	16.2
Messengers	15.46	15.1	32.0	17.02	14.7	38.6	—	—	—
Dispatchers	8.94	19.8	19.9	—	—	—	—	—	—
Production coordinators	13.20	12.1	38.2	13.44	12.2	41.4	—	—	—
Traffic, shipping and receiving clerks	20.25	6.2	39.8	20.25	6.2	39.8	—	—	—
Stock and inventory clerks	13.87	5.6	39.4	13.91	5.7	40.0	11.06	7.5	20.8
Weighers, measurers, checkers, and samplers ..	13.00	3.0	34.3	13.42	3.5	39.9	10.27	13.6	18.1
Expeditors	16.06	19.4	40.0	16.06	19.4	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	14.73	15.7	34.4	16.48	11.9	40.0	—	—	—
Insurance adjusters, examiners, and investigators	14.03	14.1	33.2	15.02	12.7	39.5	—	—	—
Investigators and adjusters, except insurance ...	17.17	7.2	38.5	17.12	7.4	39.0	—	—	—
Eligibility clerks, social welfare	14.63	5.5	36.5	15.18	5.1	39.7	10.93	10.6	23.6
Bill and account collectors	11.61	7.8	40.0	11.61	7.8	40.0	—	—	—
General office clerks	13.67	11.9	36.4	14.62	12.7	39.6	9.15	6.3	26.3
Bank tellers	12.62	2.4	34.9	13.07	2.9	38.9	10.06	5.2	22.0
Data entry keyers	10.22	2.0	35.2	10.39	1.7	39.6	9.12	3.8	21.0
Statistical clerks	12.24	6.4	37.5	12.21	4.3	39.8	12.43	23.6	27.5
Teachers' aides	16.19	10.6	35.7	17.48	5.4	40.0	—	—	—
Administrative support, n.e.c.	8.80	5.1	26.9	—	—	—	8.41	4.6	25.2
	14.33	3.3	35.5	14.87	3.7	39.3	10.60	3.2	21.3

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 July 2004—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	\$16.18	2.1	37.9	\$16.63	2.1	40.0	\$9.28	4.2	21.0
Precision production, craft, and repair	20.67	1.9	39.7	20.70	1.9	40.0	16.61	26.4	21.8
Supervisors, mechanics and repairers	26.57	5.7	40.1	26.71	5.7	40.3	—	—	—
Automobile mechanics	15.82	7.6	40.6	15.82	7.6	40.6	—	—	—
Bus, truck, and stationary engine mechanics	18.72	5.1	39.9	18.73	5.1	40.1	—	—	—
Automobile body and related repairers	17.15	10.9	40.6	17.15	10.9	40.6	—	—	—
Aircraft mechanics, except engine	25.66	6.3	40.0	25.66	6.3	40.0	—	—	—
Heavy equipment mechanics	20.21	15.5	40.0	20.21	15.5	40.0	—	—	—
Industrial machinery repairers	22.40	3.6	40.0	22.41	3.6	40.0	—	—	—
Machinery maintenance	16.78	8.2	38.6	16.78	8.2	38.7	—	—	—
Electronic repairers, communications and industrial equipment	21.86	11.4	39.9	21.86	11.4	39.9	—	—	—
Telephone installers and repairers	20.24	11.6	40.0	20.24	11.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.15	7.0	40.0	16.15	7.0	40.0	—	—	—
Office machine repairers	17.08	9.6	40.0	17.08	9.6	40.0	—	—	—
Millwrights	26.20	4.0	40.0	26.20	4.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.63	4.8	38.9	16.93	4.5	40.0	—	—	—
Supervisors, carpenters and related workers	28.57	5.9	40.0	28.57	5.9	40.0	—	—	—
Supervisors, electricians and power transmission installers	32.47	5.6	42.0	32.47	5.6	42.0	—	—	—
Supervisors, construction trades, n.e.c.	27.20	10.2	40.6	27.20	10.2	40.6	—	—	—
Brickmasons and stonemasons	29.53	4.0	36.4	29.58	4.4	40.0	—	—	—
Carpenters	22.08	14.8	39.8	22.08	14.8	39.8	—	—	—
Electricians	24.74	6.8	39.4	24.77	6.8	40.0	—	—	—
Electrical power installers and repairers	27.48	3.6	40.0	27.48	3.6	40.0	—	—	—
Painters, construction and maintenance	17.77	10.2	39.8	17.77	10.2	39.8	—	—	—
Plumbers, pipefitters and steamfitters	23.94	4.8	39.8	23.94	4.8	39.8	—	—	—
Concrete and terrazzo finishers	24.21	9.8	40.0	24.21	9.8	40.0	—	—	—
Roofers	22.03	5.0	40.0	22.03	5.0	40.0	—	—	—
Construction trades, n.e.c.	19.84	21.5	40.0	19.84	21.5	40.0	—	—	—
Supervisors, production	22.46	4.1	40.6	22.62	4.0	40.4	—	—	—
Tool and die makers	24.82	2.0	40.2	24.82	2.0	40.2	—	—	—
Tool and die maker apprentices	19.70	9.5	40.0	19.70	9.5	40.0	—	—	—
Precision assemblers, metal	21.04	8.9	40.0	21.04	8.9	40.0	—	—	—
Machinists	19.11	2.6	40.0	19.11	2.6	40.0	—	—	—
Precision grinders, filers, and tool sharpeners	19.41	5.4	40.0	19.41	5.4	40.0	—	—	—
Patternmakers and modelmakers, metal	20.32	9.7	40.0	20.32	9.7	40.0	—	—	—
Dental laboratory and medical appliance technicians	14.39	5.1	40.0	14.39	5.1	40.0	—	—	—
Electrical and electronic equipment assemblers	11.09	10.6	40.0	11.09	10.6	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.87	10.5	40.0	16.87	10.5	40.0	—	—	—
Butchers and meat cutters	10.11	12.3	39.7	10.12	12.5	40.0	—	—	—
Bakers	13.16	6.5	35.4	13.56	5.8	37.5	—	—	—
Food batchmakers	13.90	16.1	40.0	13.90	16.1	40.0	—	—	—
Inspectors, testers, and graders	18.84	6.0	40.0	18.84	6.0	40.0	—	—	—
Stationary engineers	23.44	7.3	40.0	23.44	7.3	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	20.14	8.4	40.0	20.14	8.4	40.0	—	—	—
Machine operators, assemblers, and inspectors	15.09	1.9	39.5	15.18	1.8	39.9	9.61	6.9	23.4
Lathe and turning-machine set-up operators	16.64	6.5	40.0	16.64	6.5	40.0	—	—	—
Lathe and turning-machine operators	16.92	5.5	38.8	17.26	5.8	40.0	—	—	—
Milling and planing machine operators	14.50	6.7	40.0	14.50	6.7	40.0	—	—	—
Punching and stamping press operators	13.47	12.1	38.5	13.70	11.4	40.0	—	—	—
Rolling machine operators	13.81	6.0	40.0	13.81	6.0	40.0	—	—	—
Drilling and boring machine operators	12.31	16.7	40.0	12.31	16.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.89	4.7	38.6	14.08	4.4	40.0	—	—	—
Forging machine operators	18.03	12.6	40.0	18.03	12.6	40.0	—	—	—
Numerical control machine operators	16.27	6.0	40.0	16.27	6.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	18.30	4.7	39.9	18.30	4.7	39.9	—	—	—
Molding and casting machine operators	12.72	6.0	39.4	12.77	6.1	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 July 2004—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									
Metal plating machine operators	\$13.23	4.8	39.3	\$13.23	4.8	39.3	—	—	—
Heat treating equipment operators	17.44	6.8	40.0	17.44	6.8	40.0	—	—	—
Sawing machine operators	12.53	10.4	40.0	12.53	10.4	40.0	—	—	—
Printing press operators	16.24	5.3	39.4	16.26	5.4	39.7	—	—	—
Photoengravers and lithographers	16.89	6.0	39.3	16.89	6.0	39.3	—	—	—
Textile sewing machine operators	13.78	19.5	39.1	13.94	19.3	40.0	—	—	—
Pressing machine operators	9.20	8.6	39.0	9.15	8.9	40.0	—	—	—
Laundering and dry cleaning machine operators	8.54	5.8	34.1	8.90	6.2	39.3	\$6.35	3.9	19.0
Packaging and filling machine operators	15.08	6.3	39.7	15.12	6.3	39.9	—	—	—
Extruding and forming machine operators	13.31	6.9	39.8	13.31	6.9	39.8	—	—	—
Mixing and blending machine operators	18.34	15.0	39.9	18.34	15.0	39.9	—	—	—
Separating, filtering, and clarifying machine operators	21.12	6.5	40.0	21.12	6.5	40.0	—	—	—
Compressing and compacting machine operators	11.88	10.1	39.7	11.88	10.1	39.7	—	—	—
Painting and paint spraying machine operators	13.58	6.7	39.9	13.58	6.7	39.9	—	—	—
Roasting and baking machine operators, food ..	13.78	12.3	38.9	—	—	—	—	—	—
Furnace, kiln, and oven operators, except food ..	15.83	16.4	40.0	15.83	16.4	40.0	—	—	—
Slicing and cutting machine operators	15.28	6.8	41.7	16.04	3.7	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	15.04	5.4	39.5	15.12	5.4	39.8	10.56	11.3	25.8
Welders and cutters	16.91	4.2	39.8	16.91	4.2	39.8	—	—	—
Assemblers	15.91	3.8	39.7	15.93	3.7	40.0	13.70	17.4	20.3
Hand painting, coating, and decorating	11.44	12.2	37.9	11.44	12.2	37.9	—	—	—
Miscellaneous hand working, n.e.c.	13.29	6.8	39.5	13.35	6.9	39.8	—	—	—
Production inspectors, checkers and examiners ..	15.27	5.8	39.7	15.32	5.8	40.0	—	—	—
Production testers	13.39	10.5	39.4	13.39	10.5	39.4	—	—	—
Transportation and material moving	16.24	4.1	37.4	16.98	3.9	40.5	8.69	5.1	21.2
Supervisors, motor vehicle operators	15.97	16.4	45.3	15.97	16.4	45.3	—	—	—
Truckdrivers	16.83	5.2	39.5	17.23	4.8	40.8	9.83	5.6	24.9
Driver-sales workers	9.54	10.5	25.4	13.64	8.1	40.0	7.07	8.5	20.8
Busdrivers	10.47	5.0	28.4	—	—	—	—	—	—
Taxicab drivers and chauffeurs	7.51	3.2	39.1	—	—	—	—	—	—
Motor transportation, n.e.c.	8.25	13.6	18.2	13.66	21.6	37.3	7.02	7.5	16.3
Supervisors, material moving equipment	21.22	3.0	42.4	21.22	3.0	42.4	—	—	—
Operating engineers	26.65	4.7	37.9	26.65	4.7	37.9	—	—	—
Crane and tower operators	15.46	3.2	40.0	15.46	3.2	40.0	—	—	—
Excavating and loading machine operators	15.65	16.9	40.0	15.65	16.9	40.0	—	—	—
Grader, dozer, and scraper operators	20.30	19.9	40.0	20.30	19.9	40.0	—	—	—
Industrial truck and tractor equipment operators ..	15.65	4.0	39.5	15.75	4.0	39.9	12.54	26.5	30.1
Miscellaneous material moving equipment operators, n.e.c.	16.33	6.6	36.9	16.74	7.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	12.08	4.3	33.3	12.89	4.9	39.9	9.02	3.2	20.6
Groundskeepers and gardeners, except farm ...	9.05	8.4	36.6	9.01	9.4	39.8	9.29	6.7	23.0
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.96	7.7	39.4	18.05	8.3	40.3	—	—	—
Helpers, mechanics and repairers	10.67	9.6	36.3	10.97	10.3	40.2	—	—	—
Helpers, construction trades	16.55	9.4	39.2	16.61	9.6	40.0	—	—	—
Construction laborers	20.24	4.5	37.1	19.77	5.0	40.0	—	—	—
Production helpers	12.20	2.5	38.7	12.29	2.2	39.9	—	—	—
Stock handlers and baggers	10.15	3.8	27.2	12.17	3.8	39.8	7.60	2.8	19.4
Machine feeders and offbearers	11.75	9.6	38.2	11.89	9.7	39.9	—	—	—
Freight, stock, and material handlers, n.e.c.	13.75	5.8	33.1	14.34	6.7	39.7	11.87	3.1	21.7
Garage and service station related	8.22	5.7	38.3	8.33	6.2	40.0	—	—	—
Vehicle washers and equipment cleaners	10.85	15.3	33.6	12.04	12.1	40.2	6.54	4.4	21.1
Hand packers and packagers	10.45	10.3	38.8	10.62	11.2	39.8	8.41	4.9	29.5
Laborers, except construction, n.e.c.	11.44	9.3	33.5	12.14	12.0	39.9	8.94	8.3	21.5

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 July 2004—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	\$8.99	2.4	28.9	\$10.10	2.9	38.4	\$6.91	2.2	19.7
Protective service	10.36	2.3	32.8	10.52	2.2	39.6	9.53	2.8	17.3
Supervisors, guards	14.44	8.5	40.0	14.44	8.5	40.0	—	—	—
Guards and police, except public service	10.18	2.5	33.1	10.21	2.3	39.4	9.98	4.8	18.0
Protective service, n.e.c.	8.09	5.7	23.6	—	—	—	7.04	4.4	14.0
Food service	7.15	1.9	26.1	8.46	3.7	38.2	5.93	2.3	20.1
Waiters, waitresses, and bartenders	4.41	3.0	23.6	4.83	6.2	36.7	4.14	3.9	19.3
Bartenders	6.69	3.7	22.7	7.02	3.2	36.1	6.43	5.5	17.7
Waiters and waitresses	3.33	5.8	23.6	3.31	10.2	36.3	3.34	6.0	19.9
Waiters/Waitresses' assistants	6.04	6.1	24.9	6.84	3.8	38.6	5.23	8.2	18.3
Other food service	8.39	2.0	27.4	9.68	2.8	38.7	6.96	2.1	20.7
Supervisors, food preparation and service	12.42	4.4	39.0	12.45	5.0	40.5	12.11	11.9	26.3
Cooks	9.08	3.2	31.3	9.77	2.2	38.5	7.22	4.9	20.8
Kitchen workers, food preparation	7.64	3.3	27.3	8.39	5.2	39.6	6.99	3.1	21.4
Food preparation, n.e.c.	7.39	2.2	24.3	8.44	2.0	37.3	6.85	2.7	20.6
Health service	10.83	3.9	34.2	10.96	4.3	38.8	10.06	2.7	19.9
Dental assistants	13.40	4.5	37.2	—	—	—	—	—	—
Health aides, except nursing	11.32	3.9	33.3	11.67	4.0	39.6	9.88	4.8	20.0
Nursing aides, orderlies, and attendants	9.93	2.4	33.6	9.90	2.7	38.9	10.07	2.9	20.0
Cleaning and building service	10.28	4.2	31.5	10.85	3.9	38.9	8.17	7.7	18.5
Supervisors, cleaning and building service workers	16.19	6.1	39.7	16.23	6.1	39.9	—	—	—
Maids and housemen	8.30	4.5	32.0	8.21	3.6	37.2	8.77	17.6	18.4
Janitors and cleaners	10.68	4.9	31.1	11.50	4.2	39.5	8.04	5.5	18.6
Personal service	10.28	5.7	27.1	11.21	6.8	36.6	8.63	8.2	18.6
Hairdressers and cosmetologists	14.92	15.8	28.6	14.75	10.7	39.6	—	—	—
Attendants, amusement and recreation facilities	6.79	4.1	26.2	6.85	9.0	40.0	6.76	5.3	22.7
Ushers	6.68	7.3	9.8	—	—	—	6.68	7.3	9.8
Public transportation attendants	34.38	2.7	17.7	35.18	2.7	17.9	—	—	—
Baggage porters and bellhops	8.77	26.8	35.3	—	—	—	—	—	—
Welfare service aides	9.33	6.5	29.2	9.87	7.1	38.7	8.00	1.3	18.2
Early childhood teachers' assistants	8.03	4.4	30.7	8.25	4.4	39.2	6.88	4.1	14.6
Childcare workers, n.e.c.	8.98	5.1	27.0	9.41	4.4	38.3	7.37	6.6	13.0
Service, n.e.c.	9.11	3.0	25.9	9.70	5.3	39.9	8.55	3.8	19.4

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

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

³ In this census division, data were collected between December 2003 and January

2005. The average reference period was July 2004.

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 July 2004

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	\$23.57	2.0	36.0	\$24.15	2.0	38.4	\$14.34	2.4	17.9
All, excluding sales	23.58	1.9	36.0	24.15	2.0	38.4	14.36	2.4	17.9
White collar	27.03	2.2	36.0	27.47	2.2	37.7	17.43	3.1	17.8
White collar, excluding sales	27.06	2.1	36.0	27.48	2.2	37.7	17.55	3.1	17.7
Professional specialty and technical	32.66	3.0	35.1	33.11	2.9	37.0	21.79	2.9	15.8
Professional specialty	33.63	3.0	34.9	34.10	2.9	36.9	22.18	3.0	15.5
Engineers, architects, and surveyors	28.58	5.6	39.4	28.59	5.6	39.5	—	—	—
Civil engineers	30.36	5.2	38.8	30.36	5.2	38.8	—	—	—
Mathematical and computer scientists	24.38	4.0	38.0	24.38	4.0	38.0	—	—	—
Computer systems analysts and scientists	24.42	4.2	37.9	24.42	4.2	37.9	—	—	—
Natural scientists	19.42	12.4	38.7	19.52	13.0	39.5	—	—	—
Health related	30.18	7.7	36.4	30.76	8.0	39.3	22.98	9.4	19.2
Physicians	47.72	9.0	42.0	47.72	9.0	42.0	—	—	—
Registered nurses	25.66	5.8	35.2	25.95	6.2	38.9	23.09	11.6	19.1
Dietitians	21.86	2.6	32.3	21.96	3.3	39.6	—	—	—
Speech therapists	36.24	8.3	35.1	36.66	7.9	36.5	—	—	—
Therapists, n.e.c.	19.80	11.3	36.9	20.09	12.2	38.9	—	—	—
Teachers, college and university	44.31	3.1	34.6	45.11	2.7	38.2	32.54	8.4	14.5
Engineering teachers	64.56	19.0	35.7	—	—	—	—	—	—
Health specialties teachers	36.83	10.2	36.7	36.73	10.2	38.3	—	—	—
Business, commerce, and marketing teachers ..	41.55	17.5	28.2	41.13	18.3	38.4	—	—	—
Education teachers	42.59	3.0	36.4	—	—	—	—	—	—
English teachers	49.01	18.6	37.7	49.23	18.6	38.6	—	—	—
Other post-secondary teachers	37.10	7.3	26.9	39.08	8.4	37.2	33.14	8.4	17.3
Teachers, except college and university	34.29	2.1	34.2	34.83	2.2	35.7	19.08	7.0	15.2
Prekindergarten and kindergarten	33.36	9.0	34.4	34.16	10.9	36.3	—	—	—
Elementary school teachers	35.04	2.7	35.3	35.09	2.7	35.5	26.17	10.7	17.0
Secondary school teachers	35.74	2.7	35.9	35.79	2.7	36.1	27.52	13.3	17.1
Teachers, special education	33.70	3.7	35.8	33.70	3.7	35.8	—	—	—
Teachers, n.e.c.	34.94	6.9	31.4	36.05	6.9	35.0	20.65	6.5	13.4
Substitute teachers	14.64	10.0	16.0	—	—	—	14.16	12.2	14.4
Vocational and educational counselors	26.86	10.3	36.3	27.09	11.2	37.5	—	—	—
Librarians, archivists, and curators	24.40	6.4	36.2	24.84	6.9	38.5	18.03	5.8	19.2
Librarians	25.14	5.7	36.2	25.65	6.1	38.8	18.20	5.2	19.2
Social scientists and urban planners	30.69	19.2	34.4	30.82	19.3	38.8	—	—	—
Psychologists	38.67	8.5	38.2	38.67	8.5	38.2	—	—	—
Urban planners	21.64	8.2	21.6	22.00	7.3	39.7	—	—	—
Social, recreation, and religious workers	21.19	4.1	37.4	21.32	4.3	38.9	—	—	—
Social workers	21.34	4.3	38.8	21.32	4.3	38.9	—	—	—
Lawyers and judges	43.57	26.2	36.8	44.04	26.1	38.2	—	—	—
Lawyers	43.75	26.5	36.8	44.24	26.4	38.2	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	37.91	15.6	35.9	38.61	15.2	39.8	—	—	—
Technical	18.87	6.5	38.1	18.95	6.8	39.5	17.18	3.4	22.1
Clinical laboratory technologists and technicians	13.75	11.9	37.0	—	—	—	—	—	—
Radiological technicians	19.93	11.5	35.8	—	—	—	—	—	—
Licensed practical nurses	16.69	4.5	36.4	16.56	5.2	40.0	17.39	1.3	24.9
Health technologists and technicians, n.e.c.	16.12	10.8	38.0	16.02	10.4	39.9	—	—	—
Engineering technicians, n.e.c.	21.70	6.7	37.6	21.92	6.9	38.5	—	—	—
Surveying and mapping technicians	17.49	11.7	37.4	17.49	11.7	37.4	—	—	—
Computer programmers	27.75	16.6	40.0	27.75	16.6	40.0	—	—	—
Technical and related, n.e.c.	20.06	17.8	39.3	20.14	18.0	39.9	—	—	—
Executive, administrative, and managerial	30.56	4.3	38.4	30.57	4.3	39.3	29.46	23.8	10.6
Executives, administrators, and managers	35.60	3.4	37.8	35.63	3.4	39.2	32.62	35.3	8.0
Legislators	21.69	47.8	6.2	—	—	—	21.69	47.8	6.2
Administrators and officials, public administration	32.47	5.0	38.9	32.48	5.0	39.1	—	—	—
Administrators, education and related fields	39.75	5.1	38.6	39.60	5.2	39.1	—	—	—
Managers, medicine and health	35.44	3.1	39.5	35.44	3.1	39.5	—	—	—
Managers, food servicing and lodging establishments	18.75	9.4	38.8	18.75	9.4	38.8	—	—	—

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 July 2004—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.	\$31.82	12.3	39.4	\$32.06	12.2	39.4	—	—	—
Managers and administrators, n.e.c.	37.09	12.5	40.1	37.09	12.5	40.1	—	—	—
Management related	23.95	3.9	39.1	23.95	3.9	39.4	—	—	—
Accountants and auditors	25.05	5.7	38.7	25.05	5.7	38.7	—	—	—
Other financial officers	25.61	7.0	40.0	25.61	7.0	40.0	—	—	—
Personnel, training, and labor relations specialists	22.74	8.1	38.4	22.80	8.2	39.1	—	—	—
Construction inspectors	24.04	13.7	39.1	24.05	13.7	39.3	—	—	—
Inspectors and compliance officers, except construction	20.83	1.1	39.6	20.83	1.1	39.6	—	—	—
Management related, n.e.c.	27.46	4.6	38.9	27.55	4.8	39.6	—	—	—
Sales	15.45	9.7	27.3	18.22	8.1	40.0	\$12.37	17.9	20.1
Cashiers	14.92	8.7	26.8	—	—	—	12.44	17.5	20.6
Administrative support, including clerical	14.54	2.6	36.7	14.74	2.9	38.5	11.66	2.1	21.9
Supervisors, general office	18.61	6.3	39.1	18.60	6.3	39.1	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.61	6.2	38.7	18.61	6.2	38.7	—	—	—
Secretaries	14.82	3.9	38.0	14.90	3.9	39.1	12.41	7.5	19.6
Typists	13.23	8.2	37.9	13.38	8.7	39.2	—	—	—
Receptionists	12.95	12.1	27.8	—	—	—	—	—	—
Information clerks, n.e.c.	14.19	8.0	35.0	—	—	—	—	—	—
Personnel clerks, except payroll and timekeeping	20.14	2.1	39.7	20.14	2.1	39.7	—	—	—
Library clerks	10.96	6.8	28.0	11.12	10.1	38.4	10.60	9.1	17.5
Records clerks, n.e.c.	15.68	14.2	37.5	15.74	14.1	38.0	—	—	—
Bookkeepers, accounting and auditing clerks ...	14.77	3.9	38.7	14.80	4.0	38.9	—	—	—
Billing clerks	14.76	6.1	39.7	14.76	6.1	39.7	—	—	—
Dispatchers	15.61	9.0	37.9	16.04	9.2	39.9	—	—	—
Stock and inventory clerks	13.20	4.6	37.7	13.20	4.6	37.8	—	—	—
Investigators and adjusters, except insurance ...	17.68	8.0	40.0	17.68	8.0	40.0	—	—	—
Eligibility clerks, social welfare	17.10	3.2	40.0	17.10	3.2	40.0	—	—	—
General office clerks	14.75	1.1	37.7	14.82	1.2	39.1	13.08	8.2	20.6
Data entry keyers	13.71	5.8	39.3	13.71	5.8	39.3	—	—	—
Teachers' aides	11.99	5.5	32.8	12.07	6.9	34.8	11.67	3.8	26.9
Administrative support, n.e.c.	14.94	7.2	36.7	15.03	7.5	38.2	12.66	13.0	18.5
Blue collar	18.41	1.7	36.1	19.01	2.1	39.1	12.84	4.1	21.2
Precision production, craft, and repair	20.65	2.4	39.6	20.69	2.4	39.7	—	—	—
Supervisors, mechanics and repairers	19.24	4.6	40.1	19.24	4.6	40.1	—	—	—
Automobile mechanics	19.39	2.9	40.0	19.39	2.9	40.0	—	—	—
Bus, truck, and stationary engine mechanics	20.05	5.2	40.0	20.05	5.2	40.0	—	—	—
Heavy equipment mechanics	17.64	12.9	39.8	17.64	12.9	39.8	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.76	3.7	39.9	18.76	3.7	39.9	—	—	—
Mechanical controls and valve repairers	18.45	10.6	35.5	19.84	6.3	40.0	—	—	—
Mechanics and repairers, n.e.c.	17.26	11.8	39.9	17.26	11.8	39.9	—	—	—
Supervisors, construction trades, n.e.c.	22.06	6.2	39.7	22.06	6.2	39.7	—	—	—
Carpenters	20.52	19.7	40.0	20.52	19.7	40.0	—	—	—
Electricians	29.65	7.3	39.9	29.65	7.3	39.9	—	—	—
Painters, construction and maintenance	21.28	6.2	39.8	21.28	6.2	39.8	—	—	—
Plumbers, pipefitters and steamfitters	23.55	12.2	39.7	23.55	12.2	39.7	—	—	—
Construction trades, n.e.c.	17.78	7.1	39.5	17.78	7.1	39.5	—	—	—
Water and sewer treatment plant operators	20.13	3.4	40.0	20.13	3.4	40.0	—	—	—
Stationary engineers	27.68	8.4	39.3	27.68	8.4	39.3	—	—	—

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 July 2004—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	\$16.95	10.3	40.0	\$16.95	10.3	40.0	—	—	—
Transportation and material moving	17.41	3.3	31.3	18.44	3.0	37.6	\$14.16	5.1	20.4
Supervisors, motor vehicle operators	25.46	3.7	40.0	25.46	3.7	40.0	—	—	—
Truckdrivers	19.69	7.1	38.4	20.07	6.9	40.0	—	—	—
Busdrivers	16.04	3.5	27.4	17.21	2.6	35.3	14.25	5.3	20.4
Operating engineers	23.04	8.1	39.9	23.04	8.1	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	17.53	9.6	40.0	17.53	9.6	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	16.14	4.9	37.8	16.83	5.2	39.5	7.86	5.4	24.7
Groundskeepers and gardeners, except farm ...	14.71	8.2	34.9	16.54	6.4	39.4	8.13	7.2	24.8
Construction laborers	15.44	15.6	38.7	15.48	16.1	40.0	—	—	—
Laborers, except construction, n.e.c.	15.43	13.2	38.6	15.97	12.9	40.0	7.27	7.9	25.2
Service	17.28	2.9	36.0	17.82	3.1	40.0	10.87	4.0	16.6
Protective service	21.93	1.5	39.2	22.20	1.4	41.7	12.55	7.3	12.5
Supervisors, firefighters and fire prevention	22.11	6.4	50.1	22.11	6.4	50.1	—	—	—
Supervisors, police and detectives	29.61	9.0	40.1	29.61	9.0	40.1	—	—	—
Firefighting	21.18	2.0	45.8	21.33	2.3	49.9	12.95	14.3	8.3
Police and detectives, public service	24.40	1.2	38.4	24.52	1.2	39.9	15.86	10.0	10.8
Sheriffs, bailiffs, and other law enforcement officers	18.20	4.3	39.8	18.21	4.4	39.9	—	—	—
Correctional institution officers	18.12	4.7	38.4	18.30	4.4	39.2	—	—	—
Crossing guards	8.44	9.3	12.8	—	—	—	8.44	9.3	12.8
Guards and police, except public service	13.08	20.7	29.9	12.24	23.4	37.6	18.06	10.3	13.5
Protective service, n.e.c.	15.56	7.9	29.2	16.58	7.2	37.9	10.79	8.8	14.0
Food service	11.17	4.7	29.4	11.27	5.4	35.2	10.80	4.6	18.8
Other food service	11.19	4.7	29.5	11.27	5.4	35.2	10.90	4.3	18.8
Supervisors, food preparation and service	11.69	4.0	34.3	11.69	4.0	34.9	—	—	—
Cooks	12.09	4.1	33.5	12.01	4.5	35.4	12.87	6.1	21.6
Kitchen workers, food preparation	8.89	5.5	33.3	—	—	—	—	—	—
Food preparation, n.e.c.	10.50	4.4	23.4	10.25	6.9	33.8	10.72	4.4	18.4
Health service	12.95	6.6	37.3	12.96	7.0	38.6	12.62	4.2	21.4
Health aides, except nursing	14.59	1.5	34.2	14.76	1.4	38.4	13.50	1.2	20.0
Nursing aides, orderlies, and attendants	12.46	8.9	38.3	12.50	9.1	38.7	10.78	6.2	25.2
Cleaning and building service	13.62	3.1	38.4	13.79	3.4	39.7	10.62	9.5	24.5
Supervisors, cleaning and building service workers	17.62	11.8	39.4	17.65	12.0	39.8	—	—	—
Janitors and cleaners	13.29	2.8	38.3	13.46	3.1	39.7	10.50	10.1	24.6
Personal service	12.57	5.2	24.2	14.05	6.3	37.0	9.87	3.7	14.8
Attendants, amusement and recreation facilities	8.37	2.9	18.5	—	—	—	8.80	1.5	15.0
Early childhood teachers' assistants	12.07	8.1	29.7	12.44	12.2	34.8	11.04	5.0	21.1
Childcare workers, n.e.c.	13.76	8.9	19.8	16.79	6.9	38.9	9.78	3.1	12.1
Service, n.e.c.	13.03	9.7	27.4	14.16	6.1	37.4	9.34	7.2	14.7

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

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

³ In this census division, data were collected between December 2003 and January

2005. The average reference period was July 2004.

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 July 2004

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	\$18.21	1.3	35.3	\$17.38	1.4	35.2	\$23.57	2.0	36.0
All, excluding sales	18.31	1.3	35.7	17.41	1.3	35.7	23.58	1.9	36.0
White collar	22.25	1.1	35.7	21.22	1.5	35.6	27.03	2.2	36.0
1	8.06	1.7	24.1	8.01	1.7	24.1	9.38	5.2	25.4
2	9.46	2.6	29.6	9.31	2.7	29.5	11.19	3.7	30.3
3	11.16	1.7	32.4	10.96	1.7	32.1	13.13	1.5	35.7
4	13.84	1.6	37.2	13.79	1.4	37.1	14.08	3.8	37.7
5	15.72	1.7	36.7	15.72	1.8	37.0	15.74	3.2	34.9
6	18.77	1.9	37.9	18.73	1.4	38.1	18.95	8.4	37.2
7	22.23	1.9	38.0	21.98	2.5	38.5	23.28	3.7	36.1
8	26.16	2.2	36.8	24.61	1.8	37.2	30.22	6.4	35.7
9	30.42	1.0	36.6	28.69	1.3	37.2	33.47	1.7	35.7
10	31.68	3.3	38.5	31.86	3.3	38.7	30.36	6.3	37.2
11	40.68	4.0	39.4	41.61	4.9	39.6	36.02	3.7	38.3
12	43.08	2.8	39.5	43.49	2.1	39.8	41.23	8.3	38.4
13	59.58	3.7	39.4	64.23	6.6	40.2	53.62	1.6	38.4
14	66.82	3.0	40.4	67.30	3.8	40.8	63.15	13.2	37.6
15	82.86	16.3	39.0	-	-	-	-	-	-
Not able to be leveled	25.32	4.9	37.0	24.85	5.1	37.2	39.65	7.7	32.3
White collar, excluding sales	23.24	.7	36.6	22.21	.8	36.8	27.06	2.1	36.0
1	9.39	4.3	25.1	9.38	4.6	25.1	9.47	5.5	25.9
2	10.43	1.4	32.7	10.32	1.4	33.1	11.19	3.7	30.3
3	11.96	1.5	35.3	11.80	1.8	35.2	13.02	1.5	36.0
4	13.66	1.7	37.3	13.56	1.7	37.2	14.09	3.8	37.7
5	15.43	1.6	36.2	15.37	1.7	36.4	15.74	3.2	34.9
6	18.53	2.9	37.7	18.42	1.9	37.8	18.95	8.4	37.2
7	21.81	1.4	37.7	21.40	1.7	38.2	23.28	3.7	36.1
8	26.27	1.9	36.6	24.53	1.5	37.0	30.23	6.4	35.7
9	29.88	1.5	36.5	27.68	2.1	37.0	33.47	1.7	35.7
10	31.35	3.1	38.4	31.49	2.9	38.5	30.36	6.3	37.2
11	38.42	3.1	39.1	38.96	3.5	39.3	36.02	3.7	38.3
12	43.02	3.1	39.5	43.44	2.4	39.8	41.23	8.3	38.4
13	59.58	3.7	39.4	64.23	6.6	40.2	53.62	1.6	38.4
14	66.82	3.0	40.4	67.30	3.8	40.8	63.15	13.2	37.6
15	82.86	16.3	39.0	-	-	-	-	-	-
Not able to be leveled	25.71	4.4	36.9	25.19	4.5	37.1	39.65	7.7	32.3
Professional specialty and technical	28.75	2.4	35.8	27.07	2.6	36.0	32.66	3.0	35.1
Professional specialty	31.05	2.5	35.8	29.61	3.3	36.3	33.63	3.0	34.9
4	11.22	4.1	21.5	-	-	-	-	-	-
5	13.13	9.6	32.3	12.18	12.7	34.2	14.80	5.0	29.4
6	20.60	6.6	36.1	18.71	5.8	37.2	25.71	11.9	33.3
7	23.07	2.5	36.5	21.82	2.3	37.7	25.37	5.9	34.5
8	28.89	2.6	35.0	25.53	2.0	35.5	33.19	8.0	34.3
9	30.91	1.6	35.0	27.73	1.8	34.8	34.24	1.9	35.2
10	30.16	5.3	38.7	30.58	5.0	38.9	27.00	9.2	37.0
11	37.50	5.2	38.7	38.39	5.6	39.0	33.64	4.7	37.2
12	42.49	6.0	39.1	42.73	5.6	39.3	41.57	15.0	38.3
13	58.94	4.4	39.2	65.42	9.2	40.5	54.00	1.3	38.2
14	66.50	11.6	39.6	65.84	12.3	40.0	-	-	-
Not able to be leveled	32.35	7.5	35.4	31.61	8.7	35.3	41.59	10.6	36.0
Engineers, architects, and surveyors	32.25	2.5	40.6	32.43	2.5	40.7	28.58	5.6	39.4
7	24.45	4.1	39.7	24.42	4.2	39.7	-	-	-
8	29.36	2.7	40.0	29.27	2.8	40.0	-	-	-
9	30.50	3.1	40.4	30.75	3.1	40.4	24.03	10.5	39.6
10	31.52	6.5	41.1	31.33	6.6	41.2	-	-	-
11	35.21	2.5	41.3	36.02	2.3	41.6	29.98	4.3	39.4
12	39.51	6.5	40.9	39.51	6.5	40.9	-	-	-
13	44.79	5.1	40.0	44.79	5.1	40.0	-	-	-
Not able to be leveled	36.62	3.6	41.6	36.62	3.6	41.6	-	-	-
Architects	28.43	10.8	42.7	-	-	-	-	-	-
Metallurgical and materials engineers	33.53	9.6	40.0	33.53	9.6	40.0	-	-	-
Civil engineers	25.21	9.5	40.5	-	-	-	30.36	5.2	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 July 2004—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	\$33.08	3.3	40.0	—	—	—	—	—	—
Electrical and electronic engineers	31.84	3.5	40.7	\$32.44	3.4	40.8	—	—	—
9	29.76	1.8	41.5	29.76	1.8	41.5	—	—	—
11	32.85	7.8	40.2	37.33	6.1	40.6	—	—	—
Industrial engineers	30.38	3.4	40.7	30.38	3.4	40.7	—	—	—
7	22.74	4.6	38.7	22.74	4.6	38.7	—	—	—
9	29.05	3.3	41.1	29.05	3.3	41.1	—	—	—
11	37.02	4.6	41.8	37.17	4.7	41.8	—	—	—
12	33.68	11.2	41.1	33.68	11.2	41.1	—	—	—
Mechanical engineers	30.44	3.7	41.1	30.41	3.7	41.1	—	—	—
8	27.46	3.8	40.0	27.46	3.8	40.0	—	—	—
9	29.43	3.2	40.1	29.43	3.2	40.1	—	—	—
10	32.55	3.9	41.2	32.28	3.7	41.4	—	—	—
11	34.13	3.7	43.1	34.13	3.7	43.1	—	—	—
Not able to be leveled	33.96	2.2	43.9	33.96	2.2	43.9	—	—	—
Engineers, n.e.c.	36.41	3.6	40.0	37.01	3.1	40.0	—	—	—
9	29.31	4.4	40.0	30.32	2.9	40.0	—	—	—
11	39.59	1.7	40.0	39.59	1.7	40.0	—	—	—
12	41.30	7.7	40.0	41.30	7.7	40.0	—	—	—
Not able to be leveled	40.06	4.1	40.0	40.06	4.1	40.0	—	—	—
Mathematical and computer scientists	31.80	2.4	40.3	32.10	3.9	40.4	\$24.38	4.0	38.0
5	19.22	9.5	40.0	19.46	8.4	40.0	—	—	—
6	23.25	7.7	40.0	23.14	8.2	40.0	—	—	—
7	25.64	2.5	40.1	25.65	2.5	40.1	—	—	—
8	24.66	3.0	39.6	24.96	3.4	40.1	—	—	—
9	29.60	2.9	40.2	29.62	3.0	40.2	29.20	8.0	39.8
10	34.52	1.9	40.0	34.52	1.9	40.0	—	—	—
11	38.37	1.7	40.2	38.37	1.7	40.2	—	—	—
12	44.54	5.1	40.6	44.60	5.1	40.6	—	—	—
Not able to be leveled	32.43	15.3	41.3	32.43	15.3	41.3	—	—	—
Computer systems analysts and scientists	31.55	2.6	40.2	31.87	4.0	40.3	24.42	4.2	37.9
5	19.56	10.2	40.0	—	—	—	—	—	—
6	23.25	7.7	40.0	23.14	8.2	40.0	—	—	—
7	25.94	2.3	40.1	25.94	2.3	40.1	—	—	—
8	24.74	3.1	39.6	25.08	3.5	40.2	—	—	—
9	29.45	3.2	40.2	29.43	3.2	40.2	30.69	6.3	39.8
10	34.52	1.9	40.0	34.52	1.9	40.0	—	—	—
11	38.72	2.4	40.2	38.72	2.4	40.2	—	—	—
12	44.65	5.5	40.9	44.73	5.5	40.9	—	—	—
Not able to be leveled	33.10	14.3	40.6	33.10	14.3	40.6	—	—	—
Operations and systems researchers and analysts	36.11	3.4	40.0	36.11	3.4	40.0	—	—	—
9	32.31	5.3	39.9	32.31	5.3	39.9	—	—	—
11	36.96	3.4	40.0	36.96	3.4	40.0	—	—	—
12	44.31	10.3	40.0	44.31	10.3	40.0	—	—	—
Natural scientists	31.11	7.4	39.3	35.27	7.8	39.5	19.42	12.4	38.7
7	24.10	4.0	40.0	24.57	3.4	40.0	—	—	—
8	29.63	24.5	39.2	—	—	—	—	—	—
9	26.34	4.0	39.4	26.09	5.6	39.1	—	—	—
Chemists, except biochemists	34.06	9.5	40.0	34.06	9.5	40.0	—	—	—
Physical scientists, n.e.c.	31.10	23.3	40.0	—	—	—	—	—	—
Biological and life scientists	42.40	24.1	38.6	44.17	25.0	40.0	—	—	—
Medical scientists	25.17	14.0	37.9	32.73	16.4	37.1	—	—	—
Health related	30.43	4.5	33.0	30.48	5.5	32.5	30.18	7.7	36.4
5	15.57	3.8	23.4	17.19	8.3	13.0	—	—	—
6	20.02	3.9	35.4	20.12	4.3	35.0	—	—	—
7	22.48	2.6	35.4	22.53	3.3	34.7	22.35	5.4	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 July 2004—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									
8	\$26.46	2.6	32.5	\$26.12	2.4	32.3	\$28.24	11.3	34.0
9	26.74	2.5	30.9	26.26	2.6	30.4	29.90	5.2	35.2
10	34.05	6.4	37.1	36.73	6.2	36.5	25.29	18.1	39.4
11	38.49	7.0	36.7	38.62	7.1	36.7	—	—	—
12	45.14	10.1	28.5	45.14	10.1	28.5	—	—	—
13	75.76	10.5	41.3	84.56	6.9	42.1	—	—	—
Not able to be leveled	39.84	16.0	34.9	39.85	18.0	34.3	39.73	7.1	40.7
Physicians	62.44	8.0	40.0	69.08	9.4	39.2	47.72	9.0	42.0
12	53.70	27.2	29.4	53.70	27.2	29.4	—	—	—
13	75.76	10.5	41.3	84.56	6.9	42.1	—	—	—
Not able to be leveled	49.35	18.6	38.2	52.47	22.2	37.3	40.21	7.2	40.8
Registered nurses	26.05	1.9	31.9	26.11	2.1	31.5	25.66	5.8	35.2
6	21.34	1.6	34.9	21.15	1.9	34.8	—	—	—
7	22.69	2.9	34.9	23.09	3.9	33.8	21.66	4.6	38.0
8	25.74	3.6	31.8	25.10	1.4	31.5	29.11	11.8	33.8
9	26.12	3.0	30.4	26.06	3.2	30.1	26.71	4.6	33.5
10	31.05	2.8	36.7	30.58	2.8	36.4	—	—	—
11	34.54	13.2	37.7	34.64	13.6	37.7	—	—	—
Not able to be leveled	31.52	16.6	34.3	31.52	16.6	34.3	—	—	—
Pharmacists	41.77	1.7	35.3	42.23	1.5	34.9	—	—	—
9	37.30	2.2	33.0	38.07	3.5	29.0	—	—	—
10	42.36	3.3	39.0	42.36	3.3	39.0	—	—	—
11	42.80	1.8	36.9	42.80	1.8	36.9	—	—	—
Dietitians	21.50	4.4	33.3	21.27	6.8	34.1	21.86	2.6	32.3
7	19.41	7.3	34.1	—	—	—	—	—	—
9	23.14	6.4	39.2	—	—	—	—	—	—
Respiratory therapists	20.23	1.9	34.4	20.16	1.9	34.1	—	—	—
6	20.54	5.2	34.6	20.28	6.3	33.5	—	—	—
7	19.57	2.5	38.1	19.57	2.5	38.1	—	—	—
Occupational therapists	24.96	3.5	34.0	24.90	3.6	34.4	—	—	—
9	25.25	4.3	33.2	25.20	4.5	33.7	—	—	—
Physical therapists	29.72	3.5	34.5	29.93	4.1	34.5	—	—	—
9	29.01	4.0	33.2	29.25	5.4	32.5	—	—	—
Speech therapists	30.25	5.2	32.4	23.86	8.7	30.0	36.24	8.3	35.1
9	29.60	7.0	33.4	23.80	9.5	30.7	35.51	6.7	36.8
Therapists, n.e.c.	19.84	6.9	36.3	19.89	7.9	35.5	19.80	11.3	36.9
7	21.25	11.7	39.8	—	—	—	—	—	—
9	24.18	9.8	31.5	—	—	—	—	—	—
Physicians' assistants	21.19	20.1	35.7	21.19	20.1	35.7	—	—	—
Teachers, college and university	43.50	3.7	35.1	41.77	9.7	36.4	44.31	3.1	34.6
7	22.44	12.3	30.9	25.23	26.8	28.8	—	—	—
8	36.39	9.7	23.7	—	—	—	40.05	9.5	20.7
9	31.79	8.5	29.6	28.09	14.7	26.8	32.27	10.0	30.0
10	32.87	13.5	31.3	30.91	13.1	36.7	40.49	11.0	20.0
11	34.74	5.7	34.9	30.13	10.6	35.2	40.94	1.9	34.5
12	45.50	10.0	38.5	44.21	16.6	38.4	46.18	14.0	38.5
13	49.25	2.7	38.8	49.74	4.5	39.8	49.13	3.7	38.5
Not able to be leveled	42.04	11.4	37.9	44.60	15.4	37.9	—	—	—
Biological science teachers	58.38	24.0	39.4	63.70	20.4	42.3	—	—	—
Chemistry teachers	34.37	9.0	32.1	—	—	—	—	—	—
Psychology teachers	31.04	13.0	35.4	—	—	—	—	—	—
Engineering teachers	64.56	19.0	35.7	—	—	—	64.56	19.0	35.7
Mathematical science teachers	46.90	4.3	37.2	46.46	11.5	40.0	—	—	—
13	49.33	2.4	38.3	—	—	—	—	—	—
Computer science teachers	52.24	7.0	33.9	—	—	—	—	—	—
Health specialties teachers	42.50	14.0	38.8	—	—	—	36.83	10.2	36.7
Business, commerce, and marketing teachers ..	40.13	14.8	28.4	—	—	—	41.55	17.5	28.2
Art, drama, and music teachers	30.99	14.0	32.9	34.77	17.1	28.1	—	—	—

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 July 2004—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									
Physical education teachers	\$29.33	9.6	38.0	—	—	—	—	—	—
Education teachers	39.88	7.3	36.5	\$33.05	5.0	36.8	\$42.59	3.0	36.4
English teachers	46.08	20.5	37.6	29.00	6.6	37.1	49.01	18.6	37.7
11	35.92	9.0	38.5	—	—	—	—	—	—
12	35.27	2.6	40.4	—	—	—	—	—	—
Teachers, except college and university	32.32	4.1	33.7	20.42	10.9	31.2	34.29	2.1	34.2
5	11.79	17.7	27.1	—	—	—	14.94	13.6	21.3
6	25.57	15.4	31.0	13.58	18.4	33.9	31.92	5.7	29.7
7	26.86	5.7	33.6	22.26	5.7	36.8	27.73	8.0	33.1
8	36.55	8.4	33.5	21.30	12.0	28.7	38.39	10.1	34.1
9	34.85	2.2	35.4	27.06	4.8	36.3	35.40	2.2	35.3
11	39.66	8.7	35.5	—	—	—	40.14	8.9	35.4
Prekindergarten and kindergarten	19.39	26.3	33.9	11.76	21.6	33.7	33.36	9.0	34.4
6	11.05	22.4	35.2	—	—	—	—	—	—
8	32.94	27.1	35.3	—	—	—	—	—	—
9	34.85	5.8	34.5	—	—	—	37.97	5.1	34.5
Elementary school teachers	33.95	2.3	35.4	22.99	5.2	36.3	35.04	2.7	35.3
6	33.34	2.8	34.1	—	—	—	34.42	1.8	33.9
7	27.86	6.9	35.3	22.64	4.1	36.5	28.93	10.3	35.1
8	39.97	7.3	34.7	—	—	—	43.19	7.3	34.5
9	34.38	2.9	35.7	25.80	5.5	36.2	34.95	3.2	35.7
Secondary school teachers	35.11	2.6	36.0	28.91	3.3	37.9	35.74	2.7	35.9
7	27.10	8.6	36.1	—	—	—	26.97	9.1	36.1
8	41.39	7.0	34.8	—	—	—	42.77	6.6	34.3
9	34.68	2.5	36.5	29.27	4.6	37.7	35.19	2.8	36.4
Teachers, special education	32.85	5.1	35.9	—	—	—	33.70	3.7	35.8
8	32.32	8.1	35.1	—	—	—	32.32	8.1	35.1
9	33.46	7.7	36.7	—	—	—	34.89	5.7	36.6
Teachers, n.e.c.	33.38	6.6	28.7	25.08	10.9	19.7	34.94	6.9	31.4
5	12.66	8.5	24.0	—	—	—	12.66	9.6	23.8
6	16.38	4.9	14.8	—	—	—	16.51	7.3	13.5
7	30.29	12.3	34.7	—	—	—	30.53	12.6	34.7
8	30.06	6.3	22.1	—	—	—	29.75	7.1	27.8
9	37.77	5.4	32.8	—	—	—	37.81	5.6	32.8
Substitute teachers	13.92	10.6	16.1	9.37	16.8	17.3	14.64	10.0	16.0
5	11.77	9.2	16.9	—	—	—	12.30	6.3	18.4
6	10.56	.8	16.6	—	—	—	10.51	2.0	9.5
7	17.80	18.6	11.8	—	—	—	17.81	18.6	11.8
Vocational and educational counselors	24.63	8.7	37.0	18.15	18.2	39.4	26.86	10.3	36.3
5	15.72	20.3	34.0	—	—	—	—	—	—
7	16.21	2.1	40.0	—	—	—	—	—	—
8	23.74	14.9	37.6	—	—	—	24.21	16.3	37.4
9	30.89	5.8	36.5	—	—	—	31.42	5.2	36.5
Librarians, archivists, and curators	24.80	6.9	36.6	25.54	17.3	37.3	24.40	6.4	36.2
6	15.84	7.4	35.4	—	—	—	16.44	7.1	34.1
7	20.65	4.8	34.0	—	—	—	19.46	2.1	32.6
8	22.51	11.4	36.8	—	—	—	23.20	12.7	35.2
9	26.40	10.1	35.5	—	—	—	26.80	11.7	37.1
10	20.71	5.5	38.9	—	—	—	22.81	2.5	37.6
11	28.79	5.8	39.3	—	—	—	29.48	5.9	39.3
Librarians	25.39	6.5	36.6	25.83	17.7	37.2	25.14	5.7	36.2
6	15.50	7.3	34.9	—	—	—	16.44	7.1	34.1
7	20.65	4.8	34.0	—	—	—	19.46	2.1	32.6
8	22.51	11.4	36.8	—	—	—	23.20	12.7	35.2
9	26.40	10.1	35.5	—	—	—	26.80	11.7	37.1
10	20.81	5.7	39.4	—	—	—	23.10	3.3	38.6
11	28.96	6.0	39.3	—	—	—	29.79	5.9	39.2
Social scientists and urban planners	25.51	10.7	35.8	21.81	12.5	36.8	30.69	19.2	34.4

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 July 2004—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									
Social scientists and urban planners—Continued									
7	\$17.87	11.4	39.1	\$17.74	12.3	39.1	—	—	—
8	24.52	17.4	29.1	—	—	—	—	—	—
9	29.96	24.2	37.1	—	—	—	\$38.26	11.8	38.1
11	33.82	5.0	34.2	—	—	—	—	—	—
Psychologists	28.55	9.6	37.5	21.77	14.0	37.0	38.67	8.5	38.2
9	32.45	30.5	36.2	—	—	—	—	—	—
11	33.66	6.1	37.5	—	—	—	—	—	—
Urban planners	21.64	8.2	21.6	—	—	—	21.64	8.2	21.6
9	22.44	9.5	40.3	—	—	—	22.44	9.5	40.3
Social, recreation, and religious workers	17.91	3.5	37.4	16.15	3.9	37.4	21.19	4.1	37.4
5	13.02	5.8	38.9	11.70	6.6	38.4	16.07	3.6	39.9
6	15.61	6.4	39.3	14.79	8.2	39.2	17.48	10.4	39.6
7	17.38	2.7	37.4	17.10	3.7	37.3	18.44	3.7	38.1
8	19.44	7.4	38.6	15.35	4.0	39.3	22.03	6.6	38.1
9	20.82	4.3	37.6	19.60	5.8	36.1	22.44	4.7	39.6
10	19.71	8.3	34.7	—	—	—	—	—	—
11	40.12	29.3	35.2	—	—	—	—	—	—
Social workers	17.86	3.5	38.1	15.85	3.4	37.7	21.34	4.3	38.8
5	13.02	5.8	38.9	11.70	6.6	38.4	16.07	3.6	39.9
6	15.61	6.6	39.3	14.77	8.4	39.2	17.48	10.4	39.6
7	17.39	2.7	38.2	17.08	3.6	38.2	18.48	3.9	38.5
8	19.47	7.5	38.5	15.09	3.0	39.2	22.03	6.6	38.1
9	20.83	4.4	37.5	19.56	5.9	36.0	22.44	4.7	39.6
10	18.54	8.4	31.3	—	—	—	—	—	—
11	41.29	29.2	35.0	—	—	—	—	—	—
Recreation workers	18.98	12.0	27.9	—	—	—	—	—	—
Religious workers, n.e.c.	18.00	6.3	33.5	18.00	6.3	33.5	—	—	—
Lawyers and judges	46.72	14.8	40.5	48.15	18.8	42.3	43.57	26.2	36.8
11	47.92	35.3	39.3	—	—	—	27.21	8.3	37.2
12	46.81	28.0	39.9	47.82	32.8	40.5	39.16	10.7	35.7
13	64.39	4.7	37.4	—	—	—	—	—	—
Not able to be leveled	72.48	14.0	45.1	—	—	—	—	—	—
Lawyers	46.79	14.9	40.5	48.15	18.8	42.3	43.75	26.5	36.8
11	47.92	35.3	39.3	—	—	—	27.21	8.3	37.2
12	46.81	28.0	39.9	47.82	32.8	40.5	39.16	10.7	35.7
13	65.38	3.9	37.3	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	23.98	4.5	34.6	22.94	6.0	34.6	37.91	15.6	35.9
5	12.27	8.2	36.2	12.04	7.3	36.6	—	—	—
6	19.08	6.4	36.6	18.85	8.4	36.4	—	—	—
7	18.29	3.3	39.9	18.15	3.4	39.8	—	—	—
8	26.26	7.5	40.0	26.43	7.8	40.0	—	—	—
9	27.20	5.0	40.3	27.18	5.2	40.4	—	—	—
11	40.34	4.4	32.8	40.34	4.4	32.8	—	—	—
12	35.18	15.4	39.3	35.18	15.4	39.3	—	—	—
Not able to be leveled	23.44	7.7	31.0	21.06	12.0	30.7	—	—	—
Designers	23.07	7.9	38.6	23.09	7.8	38.7	—	—	—
9	29.28	3.2	40.0	29.28	3.2	40.0	—	—	—
Musicians and composers	28.97	11.7	29.0	28.97	11.7	29.0	—	—	—
Not able to be leveled	28.97	11.7	29.0	28.97	11.7	29.0	—	—	—
Painters, sculptors, craft artists, and artist printmakers	21.69	16.4	38.5	21.69	16.4	38.5	—	—	—
Not able to be leveled	21.69	16.4	38.5	21.69	16.4	38.5	—	—	—
Photographers	18.52	26.2	27.6	18.52	26.2	27.6	—	—	—
Editors and reporters	25.51	12.4	39.9	25.67	12.4	40.0	—	—	—
6	17.04	19.8	40.7	—	—	—	—	—	—
9	25.71	11.9	41.3	25.75	12.0	41.5	—	—	—
Public relations specialists	25.11	8.0	39.5	25.70	11.3	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 July 2004—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Athletes	\$32.92	32.3	28.0	\$18.49	40.6	23.8	—	—	—
Not able to be leveled	32.92	32.3	28.0	18.49	40.6	23.8	—	—	—
Professional, n.e.c.	23.43	12.4	35.0	23.37	12.8	34.9	—	—	—
Technical	20.61	2.3	35.7	20.78	2.3	35.5	\$18.87	6.5	38.1
3	11.47	4.3	35.7	11.45	4.7	35.1	—	—	—
4	12.81	5.3	35.5	12.62	5.2	35.4	15.55	5.0	37.3
5	16.18	2.3	33.0	16.36	2.0	32.6	14.59	6.0	37.6
6	18.03	3.5	34.9	18.34	3.6	34.5	15.56	5.0	38.0
7	21.76	4.2	37.2	21.97	4.7	37.2	19.91	2.0	37.9
8	23.37	3.1	39.0	23.38	3.0	38.9	23.05	7.9	39.1
9	29.17	4.7	39.1	29.47	5.7	39.0	27.61	4.7	39.5
10	34.44	11.8	37.4	35.07	14.1	37.8	—	—	—
11	74.12	14.2	28.2	74.12	14.2	28.2	—	—	—
Not able to be leveled	21.71	9.5	35.7	21.59	9.7	35.7	—	—	—
Clinical laboratory technologists and technicians	18.07	2.9	36.5	18.17	2.9	36.5	13.75	11.9	37.0
3	12.18	1.2	36.2	12.33	.6	35.7	—	—	—
4	12.01	5.1	35.1	11.96	5.2	35.4	—	—	—
5	14.96	8.0	32.0	14.99	8.4	31.7	—	—	—
6	20.14	4.4	34.5	20.14	4.4	34.5	—	—	—
8	22.72	2.9	36.7	22.72	2.9	36.7	—	—	—
9	23.37	6.5	38.0	23.40	6.6	38.0	—	—	—
Not able to be leveled	16.43	12.6	39.9	16.43	12.6	39.9	—	—	—
Dental hygienists	25.70	7.6	23.2	26.07	7.2	22.7	—	—	—
7	26.78	12.7	27.4	27.64	12.4	26.5	—	—	—
Health record technologists and technicians	14.33	6.8	35.6	13.52	6.5	34.9	—	—	—
Radiological technicians	25.28	7.2	33.1	25.56	7.3	32.9	19.93	11.5	35.8
5	21.35	2.1	26.8	21.35	2.1	26.8	—	—	—
6	20.29	7.6	30.9	20.70	7.7	30.0	—	—	—
7	30.86	9.3	36.1	31.04	9.4	36.0	—	—	—
8	27.75	7.0	37.5	27.75	7.0	37.5	—	—	—
Licensed practical nurses	17.11	1.4	34.0	17.16	1.4	33.8	16.69	4.5	36.4
4	15.68	5.6	34.5	15.85	6.4	33.7	—	—	—
5	16.66	3.3	29.2	16.62	3.7	29.0	17.24	2.1	32.2
6	17.63	5.0	37.2	18.17	4.1	36.8	15.95	7.9	38.4
7	17.41	2.6	37.3	17.31	2.9	37.5	18.91	6.3	35.1
Health technologists and technicians, n.e.c.	16.50	7.2	34.9	16.53	7.8	34.7	16.12	10.8	38.0
4	12.67	5.6	34.3	12.53	5.4	34.1	—	—	—
5	15.05	4.0	36.4	15.34	3.4	36.3	—	—	—
6	16.68	7.4	37.1	16.68	7.4	37.3	—	—	—
7	18.67	9.3	36.0	18.49	11.1	35.4	—	—	—
8	16.60	12.2	34.8	—	—	—	—	—	—
9	30.59	12.2	39.3	—	—	—	—	—	—
Not able to be leveled	14.56	9.8	19.4	14.56	9.8	19.4	—	—	—
Electrical and electronic technicians	24.01	6.5	38.9	24.05	6.5	38.9	—	—	—
7	26.58	3.8	40.0	26.76	3.5	40.0	—	—	—
8	21.15	6.4	40.0	21.15	6.4	40.0	—	—	—
Mechanical engineering technicians	21.58	2.1	40.3	21.58	2.1	40.3	—	—	—
7	19.92	13.7	40.3	19.92	13.7	40.3	—	—	—
8	23.92	10.0	40.0	23.92	10.0	40.0	—	—	—
Engineering technicians, n.e.c.	24.07	5.4	39.5	24.51	6.0	39.9	21.70	6.7	37.6
5	19.61	6.7	37.6	—	—	—	—	—	—
7	22.85	9.6	40.0	23.85	10.4	40.0	—	—	—
8	26.15	4.9	39.9	26.39	6.1	40.0	—	—	—
Drafters	20.88	2.3	38.7	20.88	2.3	38.7	—	—	—
5	16.13	3.2	40.0	16.13	3.2	40.0	—	—	—
7	22.73	6.9	40.0	22.73	6.9	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 July 2004—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									
Drafters—Continued									
9	\$27.75	6.4	40.0	\$27.75	6.4	40.0	—	—	—
Surveying and mapping technicians	17.20	6.5	39.4	—	—	—	\$17.49	11.7	37.4
Biological technicians	17.34	5.8	39.7	17.52	6.1	39.6	—	—	—
Chemical technicians	20.41	7.7	40.0	20.45	7.9	40.0	—	—	—
4	16.51	6.1	40.0	—	—	—	—	—	—
7	21.12	10.5	40.0	—	—	—	—	—	—
8	23.00	9.8	40.0	23.11	9.6	40.0	—	—	—
Airplane pilots and navigators	77.53	26.4	19.5	77.53	26.4	19.5	—	—	—
Broadcast equipment operators	15.48	12.3	31.1	15.77	13.0	30.5	—	—	—
Computer programmers	26.53	6.2	39.8	26.34	7.2	39.8	27.75	16.6	40.0
9	29.86	4.2	39.6	29.21	4.3	39.5	—	—	—
Legal assistants	27.24	10.7	37.6	28.13	13.5	37.8	—	—	—
Technical and related, n.e.c.	17.31	12.3	39.3	16.18	14.5	39.4	20.06	17.8	39.3
5	13.95	9.0	39.8	14.34	14.4	39.7	—	—	—
6	16.67	6.8	29.5	16.83	7.3	29.4	—	—	—
7	21.63	4.8	37.4	—	—	—	20.15	3.8	37.3
8	21.47	9.4	39.8	—	—	—	—	—	—
Executive, administrative, and managerial									
5	15.87	3.1	38.0	15.76	4.0	38.0	16.39	6.9	38.1
6	19.97	3.7	38.2	19.83	5.1	38.1	20.42	4.5	38.4
7	21.33	4.4	38.7	21.56	5.6	38.6	19.78	6.4	39.2
8	24.14	4.0	37.9	24.34	4.0	37.3	23.45	7.9	39.8
9	27.54	2.9	40.1	27.38	3.0	40.2	28.45	3.3	39.0
10	32.45	3.5	38.1	32.11	3.6	38.1	34.25	3.4	37.9
11	37.84	2.3	40.3	37.66	2.7	40.5	38.59	3.2	39.5
12	42.93	2.0	40.1	43.37	2.4	40.5	40.91	5.8	38.4
13	59.38	6.7	40.3	60.85	7.4	40.3	49.66	4.1	40.2
14	67.02	7.7	40.9	68.30	6.9	41.3	60.06	15.0	38.7
Not able to be leveled	34.53	4.8	38.2	34.38	5.0	39.1	37.21	8.0	27.4
Executives, administrators, and managers	34.83	2.9	39.6	34.70	3.4	39.9	35.60	3.4	37.8
5	14.04	3.7	39.8	—	—	—	—	—	—
6	18.45	5.2	40.0	—	—	—	—	—	—
7	20.13	10.0	40.6	20.03	11.8	40.7	20.76	6.5	40.0
8	25.77	5.7	35.9	25.61	5.9	35.5	27.49	13.0	39.7
9	28.03	2.9	40.4	27.64	2.9	40.7	30.30	3.4	38.9
10	34.01	5.4	39.9	33.90	5.9	40.1	34.61	5.4	38.6
11	38.25	3.0	40.5	37.79	3.3	40.7	40.09	3.7	39.4
12	42.91	2.4	40.1	43.42	3.1	40.5	40.91	5.8	38.4
13	59.83	6.7	40.3	61.46	7.6	40.3	49.66	4.1	40.2
14	67.80	7.8	41.0	69.42	6.7	41.5	60.06	15.0	38.7
Not able to be leveled	38.27	8.4	38.8	38.35	8.8	40.3	37.37	7.9	27.3
Legislators	21.69	47.8	6.2	—	—	—	21.69	47.8	6.2
Not able to be leveled	21.69	47.8	6.2	—	—	—	21.69	47.8	6.2
Administrators and officials, public administration									
7	21.19	8.4	40.0	—	—	—	21.19	8.4	40.0
9	30.37	4.8	38.1	—	—	—	30.37	4.8	38.1
10	29.65	6.7	40.1	—	—	—	29.65	6.7	40.1
11	35.99	2.6	40.3	—	—	—	35.99	2.6	40.3
12	39.09	9.4	40.0	—	—	—	39.09	9.4	40.0
Not able to be leveled	38.89	7.7	37.1	—	—	—	38.89	7.7	37.1
Financial managers									
9	25.25	2.6	41.1	25.15	2.8	41.2	—	—	—
10	29.90	2.6	40.3	29.90	2.6	40.3	—	—	—
11	38.52	6.5	40.0	38.54	6.6	40.0	—	—	—
12	43.62	9.1	39.3	43.66	9.1	39.3	—	—	—
Not able to be leveled	30.29	10.0	40.0	30.29	10.0	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 July 2004—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									
Personnel and labor relations managers	\$38.08	6.4	39.6	\$37.22	5.8	39.7	—	—	—
Purchasing managers	37.43	4.2	39.3	37.46	4.2	39.3	—	—	—
Managers, marketing, advertising, and public relations	41.42	6.5	41.2	41.54	6.5	41.3	—	—	—
9	28.63	5.2	39.8	28.63	5.2	39.8	—	—	—
10	34.36	3.8	40.0	34.36	3.8	40.0	—	—	—
11	40.94	3.2	44.6	40.94	3.2	44.6	—	—	—
12	44.62	6.9	41.2	44.62	6.9	41.2	—	—	—
Not able to be leveled	50.05	13.8	42.3	50.05	13.8	42.3	—	—	—
Administrators, education and related fields	36.81	4.6	39.2	28.50	9.9	41.2	\$39.75	5.1	38.6
7	15.44	1.5	39.8	—	—	—	—	—	—
8	19.44	10.8	40.0	—	—	—	—	—	—
9	31.09	4.9	39.2	28.01	5.1	38.7	32.78	6.8	39.5
10	35.76	8.6	40.2	—	—	—	39.80	5.6	38.3
11	42.53	3.7	39.2	27.48	27.4	40.9	44.07	2.9	39.1
12	40.69	8.2	37.6	—	—	—	40.72	8.3	37.6
13	45.01	7.2	40.5	—	—	—	47.19	9.3	39.6
Not able to be leveled	30.53	12.6	33.4	31.79	12.2	33.0	—	—	—
Managers, medicine and health	33.88	6.5	40.2	33.75	6.9	40.3	35.44	3.1	39.5
8	24.47	13.3	41.0	21.31	8.3	41.2	—	—	—
11	35.09	5.0	39.6	35.40	6.6	40.0	—	—	—
12	39.91	3.5	40.3	39.94	3.7	40.4	—	—	—
Managers, food servicing and lodging establishments	13.95	22.5	43.5	13.28	25.2	44.2	18.75	9.4	38.8
Managers, service organizations, n.e.c.	28.06	6.6	33.9	27.77	7.9	33.6	31.82	12.3	39.4
9	24.10	3.8	41.3	22.94	7.9	41.7	27.61	12.2	39.9
11	41.56	11.0	39.7	—	—	—	—	—	—
12	31.17	8.5	40.4	—	—	—	—	—	—
Managers and administrators, n.e.c.	36.29	3.5	40.6	36.26	3.7	40.7	37.09	12.5	40.1
7	23.10	11.0	39.8	23.06	11.2	39.8	—	—	—
8	25.68	8.4	40.4	24.93	8.0	40.3	33.49	14.6	41.5
9	27.92	5.6	40.7	28.03	5.8	40.7	25.45	7.4	39.8
10	36.93	9.4	39.1	37.20	9.3	39.4	—	—	—
11	36.53	5.1	40.8	36.59	5.1	40.8	—	—	—
12	45.64	4.0	40.8	45.75	4.2	40.8	—	—	—
13	57.72	12.2	40.6	58.56	12.7	40.5	—	—	—
14	77.98	10.1	40.0	78.50	12.1	40.1	—	—	—
Not able to be leveled	37.52	12.2	41.4	37.52	12.2	41.4	—	—	—
Management related	25.89	1.8	38.6	26.29	2.0	38.5	23.95	3.9	39.1
5	16.55	3.9	37.4	16.34	4.7	37.3	17.69	2.1	37.5
6	20.16	3.9	37.9	19.99	5.6	37.8	20.72	4.8	38.3
7	22.14	3.3	37.5	22.54	4.4	37.4	18.91	8.2	38.5
8	22.69	4.0	39.9	22.74	5.1	39.9	22.60	7.0	39.9
9	26.86	3.4	39.6	27.01	3.7	39.7	26.10	3.7	39.2
10	30.28	3.1	35.8	29.62	3.9	35.6	33.76	1.8	36.9
11	36.39	3.4	39.7	37.21	4.9	39.6	—	—	—
12	43.09	4.6	40.0	43.09	4.6	40.0	—	—	—
Not able to be leveled	27.03	11.4	37.2	27.03	11.4	37.2	—	—	—
Accountants and auditors	24.62	3.0	37.3	24.54	2.9	37.1	25.05	5.7	38.7
5	19.46	5.7	40.0	19.36	5.9	40.0	—	—	—
6	19.83	5.5	39.5	19.80	7.1	40.0	—	—	—
7	21.77	4.2	34.2	21.98	4.2	33.7	—	—	—
8	23.91	4.6	39.9	24.04	5.5	39.9	—	—	—
9	24.75	3.3	38.0	24.59	4.7	37.8	25.42	7.0	38.9
11	32.76	3.0	43.1	32.54	3.7	43.4	—	—	—
Not able to be leveled	22.28	4.2	39.7	22.29	4.2	39.7	—	—	—
Underwriters	23.24	9.7	38.7	23.24	9.7	38.7	—	—	—

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 July 2004—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									
Other financial officers	\$28.92	4.0	39.5	\$29.13	4.2	39.5	\$25.61	7.0	40.0
5	18.18	2.7	38.9	18.18	2.7	38.9	—	—	—
7	19.19	3.5	38.5	18.83	3.4	38.4	—	—	—
8	20.37	10.1	39.3	20.12	10.5	39.3	—	—	—
9	28.60	3.5	40.8	28.99	2.4	40.9	—	—	—
11	36.32	9.1	40.0	38.41	13.9	40.0	—	—	—
Not able to be leveled	36.43	13.8	39.2	36.43	13.8	39.2	—	—	—
Management analysts	30.94	7.3	39.6	30.90	8.2	39.5	—	—	—
8	20.35	2.4	40.0	20.35	2.4	40.0	—	—	—
9	28.47	7.2	38.5	26.30	8.3	37.5	—	—	—
Personnel, training, and labor relations specialists	25.35	3.8	38.2	25.67	3.7	38.2	22.74	8.1	38.4
5	14.50	6.7	38.5	14.50	6.7	38.5	—	—	—
7	25.15	7.9	40.1	25.35	8.7	40.6	—	—	—
8	21.02	3.8	40.0	21.12	4.4	40.0	—	—	—
9	27.78	6.3	40.3	28.28	6.4	40.4	—	—	—
10	31.61	3.0	38.6	—	—	—	—	—	—
Not able to be leveled	22.01	19.4	30.3	22.01	19.4	30.3	—	—	—
Buyers, wholesale and retail trade, except farm products	26.05	8.6	40.4	26.16	9.0	40.4	—	—	—
Purchasing agents and buyers, n.e.c.	27.33	5.0	40.4	27.40	5.3	40.4	—	—	—
8	27.07	9.5	40.0	27.30	9.6	40.0	—	—	—
9	26.76	10.8	41.9	26.63	10.9	41.9	—	—	—
Not able to be leveled	26.72	3.1	40.0	26.72	3.1	40.0	—	—	—
Construction inspectors	24.28	13.4	39.1	—	—	—	24.04	13.7	39.1
8	27.92	7.6	39.9	—	—	—	27.92	7.6	39.9
Inspectors and compliance officers, except construction	21.63	3.8	39.6	24.25	8.4	39.9	20.83	1.1	39.6
Management related, n.e.c.	25.61	3.9	38.2	25.35	4.1	38.1	27.46	4.6	38.9
5	14.43	11.0	35.0	14.55	10.7	34.8	—	—	—
6	18.87	4.6	35.6	17.92	4.5	35.6	—	—	—
7	21.66	4.6	37.4	21.84	4.0	37.3	—	—	—
8	22.08	6.1	39.5	22.20	6.7	39.7	—	—	—
9	27.15	3.7	39.9	27.19	4.7	40.0	26.95	3.6	39.3
10	31.82	5.8	38.9	31.82	5.8	38.9	—	—	—
11	36.84	7.7	39.5	37.53	10.6	39.2	—	—	—
Not able to be leveled	24.11	14.3	36.5	24.11	14.3	36.5	—	—	—
Sales	17.05	5.1	31.3	17.05	5.1	31.3	15.45	9.7	27.3
1	7.41	1.4	23.7	7.41	1.4	23.7	8.01	6.3	19.1
2	7.93	4.3	25.7	7.93	4.3	25.7	—	—	—
3	9.16	2.4	26.9	9.09	2.4	26.9	17.89	4.7	27.2
4	15.04	4.2	36.5	15.04	4.3	36.5	—	—	—
5	17.17	5.1	39.6	17.17	5.1	39.6	—	—	—
6	20.00	7.9	39.1	20.00	8.0	39.1	—	—	—
7	25.58	7.9	40.6	25.58	7.9	40.6	—	—	—
8	25.10	8.9	39.1	25.13	9.0	39.1	—	—	—
9	42.04	24.5	40.2	42.04	24.5	40.2	—	—	—
10	35.16	16.0	40.0	35.16	16.0	40.0	—	—	—
11	60.85	32.1	42.1	60.85	32.1	42.1	—	—	—
Not able to be leveled	22.55	14.6	37.6	22.55	14.6	37.6	—	—	—
Supervisors, sales	18.28	7.0	40.8	18.28	7.0	40.8	—	—	—
4	10.57	8.4	40.0	10.57	8.4	40.0	—	—	—
5	13.79	5.6	42.4	13.79	5.6	42.4	—	—	—
6	16.41	4.3	35.1	16.41	4.3	35.1	—	—	—
7	18.32	7.2	42.0	18.32	7.2	42.0	—	—	—
8	21.71	10.1	38.3	21.73	10.3	38.2	—	—	—
9	29.63	3.0	40.1	29.63	3.0	40.1	—	—	—

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 July 2004—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									
Supervisors, sales—Continued									
Not able to be leveled	\$19.56	35.4	45.6	\$19.56	35.4	45.6	—	—	—
Insurance sales	25.80	32.4	37.3	25.80	32.4	37.3	—	—	—
Real estate sales	50.24	49.3	39.8	50.24	49.3	39.8	—	—	—
Securities and financial services sales	64.55	6.1	40.5	64.55	6.1	40.5	—	—	—
Not able to be leveled	86.65	48.6	40.0	86.65	48.6	40.0	—	—	—
Advertising and related sales	27.02	13.0	39.8	27.02	13.0	39.8	—	—	—
Sales, other business services	22.98	6.6	39.1	22.98	6.6	39.1	—	—	—
4	14.58	12.5	38.4	14.58	12.5	38.4	—	—	—
5	17.55	26.7	40.8	17.55	26.7	40.8	—	—	—
6	24.85	19.5	40.9	24.85	19.5	40.9	—	—	—
10	37.21	19.0	39.9	37.21	19.0	39.9	—	—	—
Sales engineers	31.63	16.1	40.4	31.63	16.1	40.4	—	—	—
Sales representatives, mining, manufacturing, and wholesale	26.05	3.8	39.6	26.05	3.8	39.6	—	—	—
4	15.04	14.7	34.8	15.04	14.7	34.8	—	—	—
5	21.50	9.9	38.7	21.50	9.9	38.7	—	—	—
6	19.78	5.7	41.4	19.78	5.7	41.4	—	—	—
7	29.27	7.2	40.4	29.27	7.2	40.4	—	—	—
8	31.09	8.1	40.0	31.09	8.1	40.0	—	—	—
9	30.22	8.2	40.4	30.22	8.2	40.4	—	—	—
Sales workers, motor vehicles and boats	22.57	11.0	43.7	22.57	11.0	43.7	—	—	—
4	29.71	17.6	47.7	29.71	17.6	47.7	—	—	—
5	17.95	13.9	40.3	17.95	13.9	40.3	—	—	—
Sales workers, apparel	8.70	7.1	23.7	8.70	7.1	23.7	—	—	—
1	6.71	.3	21.9	6.71	.3	21.9	—	—	—
Sales workers, furniture and home furnishings ..	13.62	19.4	27.3	13.62	19.4	27.3	—	—	—
4	20.03	17.3	41.1	20.03	17.3	41.1	—	—	—
Sales workers, hardware and building supplies	12.26	16.1	31.4	12.26	16.1	31.4	—	—	—
3	7.95	11.4	24.6	7.95	11.4	24.6	—	—	—
Sales workers, parts	13.44	12.9	32.1	13.44	12.9	32.1	—	—	—
3	9.80	13.8	28.2	9.80	13.8	28.2	—	—	—
4	13.30	4.5	39.1	13.30	4.5	39.1	—	—	—
Sales workers, other commodities	10.91	7.4	27.3	10.91	7.4	27.3	—	—	—
1	7.83	2.9	22.1	7.83	2.9	22.1	—	—	—
2	7.92	6.2	23.0	7.92	6.2	23.0	—	—	—
3	9.68	10.2	28.6	9.68	10.2	28.6	—	—	—
4	14.41	13.4	31.9	14.41	13.4	31.9	—	—	—
Sales counter clerks	10.15	8.8	28.2	10.15	8.8	28.2	—	—	—
1	7.27	6.5	15.9	7.27	6.5	15.9	—	—	—
3	10.89	13.7	36.5	10.89	13.7	36.5	—	—	—
4	14.59	4.1	38.0	14.59	4.1	38.0	—	—	—
Cashiers	8.07	3.1	26.7	8.02	3.0	26.7	\$14.92	8.7	26.8
1	7.40	2.2	25.6	7.40	2.2	25.6	7.96	6.8	20.2
2	7.80	5.2	26.1	7.80	5.2	26.1	—	—	—
3	8.97	3.2	28.2	8.79	3.3	28.2	17.89	4.7	27.2
4	10.27	9.6	25.1	10.10	10.2	24.3	—	—	—
Demonstrators, promoters, and models, sales ..	9.51	4.8	19.1	9.52	4.8	19.2	—	—	—
Sales support, n.e.c.	14.06	24.5	30.9	14.06	24.5	30.9	—	—	—
Administrative support, including clerical	14.24	1.0	36.4	14.19	1.3	36.4	14.54	2.6	36.7
1	9.40	4.3	25.2	9.39	4.6	25.2	9.47	5.5	25.9
2	10.45	1.4	33.0	10.34	1.4	33.5	11.19	3.7	30.3
3	11.97	1.5	35.3	11.81	1.8	35.2	13.06	1.5	35.9
4	13.79	1.7	37.8	13.70	1.7	37.7	14.10	4.0	38.2
5	15.58	2.4	38.3	15.43	3.1	38.5	16.39	3.7	37.1
6	17.62	2.1	39.5	18.10	1.9	39.5	15.80	3.6	39.2
7	20.35	1.8	39.3	20.40	2.0	39.3	20.10	5.3	39.1
8	21.76	7.3	39.6	22.37	8.6	39.5	18.62	5.7	40.0
9	25.17	4.5	39.9	25.42	4.5	39.9	—	—	—

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 July 2004—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									
Not able to be leveled	\$15.67	6.3	37.6	\$15.66	6.3	37.6	—	—	—
Supervisors, general office	19.42	11.6	39.1	19.51	12.7	39.1	\$18.61	6.3	39.1
5	13.42	18.7	38.6	13.40	18.7	38.6	—	—	—
7	18.64	5.7	39.3	18.39	6.6	39.5	19.69	9.8	38.4
8	21.69	15.5	40.0	—	—	—	—	—	—
Supervisors, financial records processing	20.83	10.4	39.7	20.83	10.6	39.7	—	—	—
6	19.11	2.5	39.6	19.11	2.5	39.6	—	—	—
9	24.45	8.5	40.0	—	—	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	20.89	11.6	39.9	21.21	13.5	40.1	18.61	6.2	38.7
5	14.94	4.8	42.3	—	—	—	—	—	—
Computer operators	16.33	4.8	38.1	16.25	5.2	38.1	—	—	—
4	15.78	8.2	39.7	15.78	8.2	39.7	—	—	—
Secretaries	15.83	2.0	37.6	16.21	2.9	37.5	14.82	3.9	38.0
2	11.05	7.7	29.3	10.77	10.7	30.1	11.63	8.5	27.6
3	12.97	2.7	36.8	12.11	5.0	36.0	13.82	3.2	37.6
4	14.26	3.5	37.9	14.30	4.1	37.5	14.18	5.2	38.9
5	15.91	2.1	37.8	16.06	2.7	38.1	15.33	4.4	36.7
6	17.41	3.3	39.0	18.42	3.6	38.8	14.25	2.1	39.8
7	21.17	3.8	38.6	20.87	4.1	38.5	22.39	8.2	39.0
Not able to be leveled	21.39	10.5	37.2	21.39	10.5	37.2	—	—	—
Stenographers	24.61	37.9	36.5	25.66	40.0	36.2	—	—	—
4	14.07	4.3	37.8	13.62	3.9	37.6	—	—	—
Typists	13.74	5.1	36.2	14.09	7.0	35.1	13.23	8.2	37.9
3	13.28	6.1	38.4	—	—	—	14.11	8.6	37.8
4	15.10	9.9	38.4	15.21	10.4	38.4	—	—	—
Interviewers	10.78	5.0	33.1	10.75	5.0	33.4	—	—	—
3	9.49	4.0	37.6	9.41	3.9	37.6	—	—	—
4	12.28	6.6	34.3	12.31	6.9	36.1	—	—	—
Hotel clerks	8.32	2.5	34.1	8.32	2.5	34.1	—	—	—
2	8.31	4.0	31.9	8.31	4.0	31.9	—	—	—
3	8.40	2.9	36.1	8.40	2.9	36.1	—	—	—
Transportation ticket and reservation agents	15.02	9.0	36.5	15.02	9.0	36.5	—	—	—
3	12.97	13.7	39.0	12.97	13.7	39.0	—	—	—
4	16.82	10.7	34.5	16.82	10.7	34.5	—	—	—
5	16.25	12.0	38.9	16.25	12.0	38.9	—	—	—
Receptionists	11.67	6.8	33.5	11.65	6.9	33.5	12.95	12.1	27.8
1	8.47	7.7	22.9	8.46	7.8	23.0	—	—	—
2	11.03	9.9	36.8	11.03	9.9	36.9	—	—	—
3	11.31	5.8	35.2	11.25	6.0	35.2	—	—	—
4	14.23	7.0	38.8	14.23	7.0	38.8	—	—	—
Information clerks, n.e.c.	13.55	5.5	38.6	13.53	5.9	38.8	14.19	8.0	35.0
3	12.23	3.7	36.5	12.23	3.8	36.7	—	—	—
4	13.43	2.8	39.8	13.42	3.0	39.8	—	—	—
Order clerks	14.22	4.9	36.1	14.22	4.9	36.1	—	—	—
3	13.65	15.3	32.6	13.65	15.3	32.6	—	—	—
4	13.58	2.8	39.7	13.58	2.8	39.7	—	—	—
5	16.90	3.8	40.0	16.93	3.8	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	17.47	3.0	39.8	16.70	3.7	39.8	20.14	2.1	39.7
4	16.25	7.6	41.7	—	—	—	—	—	—
5	15.74	2.9	38.7	15.77	3.1	38.7	—	—	—
6	19.71	6.9	40.0	—	—	—	—	—	—
Library clerks	11.16	6.2	28.5	12.06	8.5	31.1	10.96	6.8	28.0
1	7.64	2.1	16.1	—	—	—	7.64	2.1	16.1
2	10.51	9.0	24.3	—	—	—	10.69	9.8	26.2
3	11.03	3.7	28.1	—	—	—	11.27	3.9	27.5
4	10.08	9.3	34.5	—	—	—	10.08	9.3	34.5
5	14.99	7.2	29.0	—	—	—	14.90	8.1	28.1

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 July 2004—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									
File clerks	\$10.32	4.3	29.3	\$10.34	4.4	29.2	—	—	—
1	9.68	3.7	20.1	9.69	3.7	20.1	—	—	—
2	10.74	5.6	37.6	10.74	5.6	37.6	—	—	—
3	10.37	9.1	40.0	—	—	—	—	—	—
Records clerks, n.e.c.	13.66	5.8	37.8	13.14	4.5	37.8	\$15.68	14.2	37.5
2	10.23	3.7	33.9	10.19	3.6	34.7	—	—	—
3	11.99	9.7	37.2	12.00	10.7	37.2	—	—	—
4	14.51	11.0	38.1	12.45	4.3	38.8	—	—	—
5	14.55	4.7	38.7	14.45	5.3	38.4	14.84	8.4	39.6
6	17.30	4.1	38.2	17.11	4.1	38.7	—	—	—
Not able to be leveled	13.51	7.3	38.6	13.51	7.3	38.6	—	—	—
Bookkeepers, accounting and auditing clerks ...	14.22	2.9	37.9	14.14	3.4	37.8	14.77	3.9	38.7
2	11.09	5.0	33.7	10.96	5.2	33.7	—	—	—
3	11.63	6.2	34.6	11.55	6.8	34.6	—	—	—
4	13.75	2.7	38.1	13.71	3.0	38.0	13.88	5.1	38.9
5	14.64	6.5	38.7	14.45	7.7	38.8	15.75	6.0	38.3
6	16.76	3.0	39.6	16.75	3.2	39.8	16.81	4.9	38.8
7	18.32	9.7	40.0	18.43	10.4	40.0	—	—	—
Not able to be leveled	15.47	5.5	39.7	15.47	5.5	39.7	—	—	—
Payroll and timekeeping clerks	16.33	5.5	38.4	16.29	5.9	38.2	—	—	—
3	13.80	3.7	38.2	13.80	3.7	38.2	—	—	—
4	13.19	6.6	39.0	12.81	6.9	38.9	—	—	—
5	15.53	8.8	40.0	15.53	8.8	40.0	—	—	—
6	18.66	2.3	39.8	18.77	2.3	39.7	—	—	—
Billing clerks	14.29	3.2	37.7	14.28	3.3	37.6	14.76	6.1	39.7
3	14.71	5.3	37.6	14.68	5.4	37.6	—	—	—
4	13.29	5.5	38.7	13.28	5.6	38.6	—	—	—
5	16.15	3.7	38.8	16.20	3.9	38.7	—	—	—
Billing, posting, and calculating machine operators	12.05	8.3	29.3	12.05	8.3	29.3	—	—	—
Duplicating machine operators	14.41	6.8	39.9	13.87	8.4	40.0	—	—	—
Office machine operators, n.e.c.	11.59	3.2	40.0	—	—	—	—	—	—
Telephone operators	12.98	13.2	35.2	13.14	13.4	35.0	—	—	—
2	10.95	9.7	37.6	11.10	10.2	37.5	—	—	—
3	12.83	2.6	35.7	12.83	2.6	35.7	—	—	—
Mail clerks, except postal service	15.42	14.6	32.3	15.46	15.1	32.0	—	—	—
3	11.88	15.6	37.2	—	—	—	—	—	—
Messengers	8.94	19.6	19.9	8.94	19.8	19.9	—	—	—
Dispatchers	14.69	5.0	38.0	13.20	12.1	38.2	15.61	9.0	37.9
3	14.29	10.4	28.6	—	—	—	—	—	—
4	13.00	9.4	39.0	12.35	11.7	38.6	13.80	20.4	39.6
5	17.82	3.6	40.2	—	—	—	18.76	3.0	39.3
6	16.71	3.9	41.1	—	—	—	16.41	4.1	40.0
Production coordinators	20.25	6.2	39.8	20.25	6.2	39.8	—	—	—
7	21.99	8.4	39.9	21.99	8.4	39.9	—	—	—
Traffic, shipping and receiving clerks	13.87	5.6	39.4	13.87	5.6	39.4	—	—	—
2	10.68	2.9	38.4	10.68	2.9	38.4	—	—	—
3	12.28	2.4	39.5	12.28	2.4	39.5	—	—	—
4	14.98	4.9	39.8	14.98	4.9	39.8	—	—	—
5	17.96	8.0	39.8	17.96	8.0	39.8	—	—	—
Stock and inventory clerks	13.02	2.7	34.7	13.00	3.0	34.3	13.20	4.6	37.7
2	10.52	8.5	30.7	10.48	8.2	30.7	—	—	—
3	11.24	6.6	32.2	11.19	6.3	32.1	—	—	—
4	13.34	3.7	38.0	13.58	4.2	38.2	—	—	—
5	16.84	5.1	39.5	16.98	5.6	39.5	—	—	—
Meter readers	13.96	5.1	26.8	—	—	—	—	—	—
Weighers, measurers, checkers, and samplers	16.16	18.0	40.0	16.06	19.4	40.0	—	—	—
3	19.94	14.4	40.0	19.94	14.4	40.0	—	—	—
Expeditors	14.72	15.6	34.4	14.73	15.7	34.4	—	—	—

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 July 2004—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									
Material recording, scheduling, and distribution clerks, n.e.c.	\$14.03	14.1	33.2	\$14.03	14.1	33.2	—	—	—
Insurance adjusters, examiners, and investigators	17.17	7.2	38.5	17.17	7.2	38.5	—	—	—
4	13.44	2.6	38.5	13.44	2.6	38.5	—	—	—
7	24.20	9.4	38.8	24.20	9.4	38.8	—	—	—
Not able to be leveled	15.67	6.6	38.0	15.67	6.6	38.0	—	—	—
Investigators and adjusters, except insurance ...	14.71	5.6	36.6	14.63	5.5	36.5	\$17.68	8.0	40.0
3	10.94	9.8	39.3	10.94	9.8	39.3	—	—	—
4	13.49	2.0	36.4	13.48	2.0	36.4	—	—	—
5	16.61	10.0	39.3	16.61	10.1	39.3	—	—	—
6	20.56	7.9	40.3	20.89	7.8	40.3	—	—	—
7	19.60	4.3	40.0	—	—	—	—	—	—
Eligibility clerks, social welfare	13.84	7.6	40.0	11.61	7.8	40.0	17.10	3.2	40.0
6	17.66	3.1	40.0	—	—	—	17.66	3.1	40.0
Bill and account collectors	13.73	11.7	36.5	13.67	11.9	36.4	—	—	—
3	12.32	9.1	38.8	12.32	9.1	38.8	—	—	—
4	13.10	17.3	37.2	13.10	17.3	37.2	—	—	—
5	11.47	13.8	35.0	11.10	8.8	34.9	—	—	—
General office clerks	13.08	1.9	35.5	12.62	2.4	34.9	14.75	1.1	37.7
1	10.04	5.2	30.3	10.05	5.2	30.5	—	—	—
2	10.42	1.5	35.4	10.30	1.7	36.0	11.15	5.8	31.9
3	11.83	3.1	33.5	11.66	3.5	32.9	12.99	1.1	37.5
4	13.78	1.1	36.8	13.02	3.3	35.8	15.17	2.8	38.8
5	16.41	6.2	36.3	15.60	4.3	35.8	19.20	11.9	38.2
6	17.14	12.2	39.9	20.46	4.3	40.0	—	—	—
7	20.70	6.7	40.0	20.54	7.3	40.4	—	—	—
Not able to be leveled	13.20	12.7	39.6	13.20	12.7	39.6	—	—	—
Bank tellers	10.22	2.0	35.2	10.22	2.0	35.2	—	—	—
2	9.40	3.3	32.8	9.40	3.3	32.8	—	—	—
3	10.02	1.9	35.8	10.02	1.9	35.8	—	—	—
4	11.34	4.8	38.2	11.34	4.8	38.2	—	—	—
Data entry keyers	12.34	6.1	37.6	12.24	6.4	37.5	13.71	5.8	39.3
2	11.12	3.6	39.7	11.10	3.7	39.6	—	—	—
3	11.89	7.6	35.1	11.79	8.1	34.8	—	—	—
4	12.49	3.3	39.9	12.45	3.2	40.0	—	—	—
Statistical clerks	16.10	10.5	35.8	16.19	10.6	35.7	—	—	—
Teachers' aides	11.81	5.5	32.4	8.80	5.1	26.9	11.99	5.5	32.8
1	10.91	6.5	31.4	—	—	—	11.26	4.4	31.7
2	10.56	5.3	29.4	8.83	6.1	26.9	10.81	5.6	29.7
3	11.31	3.8	33.9	—	—	—	11.31	3.8	33.9
4	11.60	13.2	35.3	—	—	—	11.68	13.7	35.9
5	19.09	13.4	33.5	—	—	—	19.09	13.4	33.5
Administrative support, n.e.c.	14.43	2.6	35.7	14.33	3.3	35.5	14.94	7.2	36.7
2	12.08	3.8	36.5	11.87	4.6	37.7	13.30	4.9	30.6
3	11.81	4.9	25.8	11.19	4.5	23.9	13.78	3.3	34.9
4	12.93	5.0	35.8	13.12	5.3	35.5	12.01	9.0	37.8
5	14.51	4.7	38.5	14.13	5.0	38.8	15.95	6.1	37.6
6	18.35	2.3	39.4	17.95	3.8	39.4	—	—	—
7	22.89	9.1	39.6	23.97	7.6	39.4	—	—	—
Not able to be leveled	15.43	7.0	36.3	15.43	7.0	36.3	—	—	—
Blue collar	16.27	2.0	37.8	16.18	2.1	37.9	18.41	1.7	36.1
1	9.19	4.5	32.2	9.10	3.9	32.2	14.74	17.5	33.2
2	12.04	2.3	36.8	11.88	2.2	36.8	15.13	6.2	36.9
3	15.54	5.2	38.1	15.55	5.3	38.6	15.33	6.9	29.2
4	16.64	2.7	39.3	16.62	2.8	39.5	17.23	2.5	35.2
5	16.71	3.5	39.8	16.63	3.5	40.0	17.75	4.6	37.5
6	19.27	2.8	40.7	19.24	2.9	40.8	19.63	2.4	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 July 2004—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									
7	\$24.33	2.1	39.8	\$24.41	2.2	39.8	\$23.26	2.6	39.9
8	28.05	1.9	40.1	28.18	1.9	40.1	25.64	5.0	39.9
9	27.93	4.2	40.4	27.93	4.3	40.4	—	—	—
Not able to be leveled	14.92	5.2	38.6	14.92	5.2	38.6	—	—	—
Precision production, craft, and repair	20.67	1.8	39.7	20.67	1.9	39.7	20.65	2.4	39.6
1	9.50	13.5	40.0	9.50	13.5	40.0	—	—	—
2	10.90	3.9	36.7	10.90	3.9	36.7	—	—	—
3	13.84	12.4	39.7	13.75	12.7	39.7	—	—	—
4	15.32	3.8	39.5	15.34	3.8	39.6	14.75	13.3	37.2
5	15.74	2.0	39.6	15.53	1.8	39.6	17.40	6.5	39.5
6	19.61	2.5	39.8	19.52	2.6	39.8	20.46	2.9	39.8
7	24.67	2.3	39.9	24.76	2.4	39.9	23.42	3.4	39.8
8	28.28	1.9	40.1	28.45	1.8	40.1	24.96	6.6	40.0
9	28.01	4.5	40.4	28.02	4.5	40.4	—	—	—
Not able to be leveled	16.54	8.0	39.9	16.54	8.0	39.9	—	—	—
Supervisors, mechanics and repairers	26.11	5.4	40.1	26.57	5.7	40.1	19.24	4.6	40.1
7	23.00	10.8	40.1	24.26	12.4	40.2	—	—	—
8	31.59	5.4	40.0	31.65	5.4	40.0	—	—	—
9	32.29	2.4	41.5	32.42	2.4	41.6	—	—	—
Automobile mechanics	16.08	7.2	40.6	15.82	7.6	40.6	19.39	2.9	40.0
5	15.46	5.8	40.0	15.45	5.8	40.0	—	—	—
7	19.94	4.2	41.9	20.01	4.8	42.2	19.49	4.2	40.0
Bus, truck, and stationary engine mechanics	18.87	3.9	39.9	18.72	5.1	39.9	20.05	5.2	40.0
5	17.42	4.8	40.0	16.75	7.9	40.0	—	—	—
6	18.48	7.5	40.0	—	—	—	—	—	—
7	20.69	4.0	39.8	20.85	3.9	39.8	19.55	7.8	40.0
Automobile body and related repairers	17.15	10.9	40.6	17.15	10.9	40.6	—	—	—
Aircraft mechanics, except engine	25.66	6.3	40.0	25.66	6.3	40.0	—	—	—
Heavy equipment mechanics	19.75	12.7	40.0	20.21	15.5	40.0	17.64	12.9	39.8
5	13.98	8.3	40.0	—	—	—	—	—	—
7	23.67	14.8	40.0	23.69	14.9	40.0	—	—	—
Industrial machinery repairers	22.44	3.6	40.0	22.40	3.6	40.0	—	—	—
5	15.72	5.1	40.0	15.72	5.1	40.0	—	—	—
6	17.95	4.0	40.0	17.95	4.0	40.0	—	—	—
7	24.93	2.0	40.0	24.97	2.0	40.0	—	—	—
Machinery maintenance	16.65	7.8	38.4	16.78	8.2	38.6	—	—	—
4	15.18	4.6	40.0	15.18	4.6	40.0	—	—	—
5	15.90	8.8	37.4	16.11	9.3	37.8	—	—	—
Electronic repairers, communications and industrial equipment	21.86	11.4	39.9	21.86	11.4	39.9	—	—	—
7	20.05	15.2	40.0	20.05	15.2	40.0	—	—	—
Telephone installers and repairers	19.94	10.0	40.0	20.24	11.6	40.0	—	—	—
7	22.26	9.9	40.0	25.40	3.9	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	16.47	5.9	40.0	16.15	7.0	40.0	18.76	3.7	39.9
5	15.06	8.9	40.0	15.08	9.5	40.0	—	—	—
7	19.01	8.9	40.0	18.97	11.5	40.0	—	—	—
Office machine repairers	17.61	5.8	40.0	17.08	9.6	40.0	—	—	—
Mechanical controls and valve repairers	19.84	8.4	36.6	—	—	—	18.45	10.6	35.5
Millwrights	26.16	3.9	40.0	26.20	4.0	40.0	—	—	—
7	26.16	3.9	40.0	26.20	4.0	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.67	4.6	39.0	16.63	4.8	38.9	17.26	11.8	39.9
4	12.77	5.0	40.0	12.77	5.0	40.0	—	—	—
5	14.62	3.7	40.0	14.81	3.3	40.0	—	—	—
6	19.95	3.3	39.9	20.05	3.9	40.0	—	—	—
7	21.65	2.1	40.0	21.60	2.4	40.0	22.24	5.2	40.0
Not able to be leveled	13.67	13.4	40.0	13.67	13.4	40.0	—	—	—
Supervisors, carpenters and related workers	28.57	5.9	40.0	28.57	5.9	40.0	—	—	—
Supervisors, electricians and power transmission installers	32.47	5.6	42.0	32.47	5.6	42.0	—	—	—
9	32.07	7.6	40.0	32.07	7.6	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 July 2004—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, plumbers, pipefitters, and steamfitters	\$26.92	13.1	40.0	—	—	—	—	—	—
Supervisors, construction trades, n.e.c.	26.50	8.7	40.5	\$27.20	10.2	40.6	\$22.06	6.2	39.7
7	24.58	6.6	41.1	25.22	7.6	41.2	—	—	—
9	34.99	9.5	40.1	35.10	9.7	40.0	—	—	—
Brickmasons and stonemasons	29.53	4.0	36.4	29.53	4.0	36.4	—	—	—
7	30.02	2.7	36.2	30.02	2.7	36.2	—	—	—
Carpenters	21.95	12.9	39.8	22.08	14.8	39.8	20.52	19.7	40.0
5	17.04	9.4	40.0	18.43	5.6	40.0	—	—	—
7	27.14	10.5	39.6	27.16	11.9	39.6	26.84	17.5	40.0
Electricians	25.06	7.0	39.5	24.74	6.8	39.4	29.65	7.3	39.9
7	27.33	3.4	40.0	27.10	3.0	40.0	29.65	7.3	39.9
Electrical power installers and repairers	27.28	3.5	40.0	27.48	3.6	40.0	—	—	—
7	26.75	4.3	40.0	26.76	4.4	40.0	—	—	—
8	28.80	2.6	40.0	29.24	2.0	40.0	—	—	—
Painters, construction and maintenance	17.88	10.1	39.8	17.77	10.2	39.8	21.28	6.2	39.8
6	25.00	7.5	38.4	25.01	7.7	38.4	—	—	—
7	25.47	7.3	40.0	—	—	—	—	—	—
Plumbers, pipefitters and steamfitters	23.92	4.9	39.8	23.94	4.8	39.8	23.55	12.2	39.7
7	24.59	6.4	39.8	24.70	6.0	39.8	—	—	—
Concrete and terrazzo finishers	24.17	9.7	40.0	24.21	9.8	40.0	—	—	—
Roofers	22.03	5.0	40.0	22.03	5.0	40.0	—	—	—
Construction trades, n.e.c.	19.09	15.0	39.8	19.84	21.5	40.0	17.78	7.1	39.5
4	15.35	9.7	39.6	—	—	—	14.41	16.0	39.4
5	17.28	9.3	39.6	—	—	—	18.84	9.8	39.3
6	20.78	7.3	39.6	—	—	—	20.78	7.3	39.6
Supervisors, production	22.43	4.1	40.6	22.46	4.1	40.6	—	—	—
5	14.80	7.3	44.9	14.80	7.3	44.9	—	—	—
6	22.63	12.0	40.1	22.85	11.8	40.1	—	—	—
7	23.08	4.4	40.8	23.08	4.4	40.8	—	—	—
8	28.04	2.8	40.3	28.04	2.8	40.3	—	—	—
9	23.59	8.6	40.3	23.59	8.6	40.3	—	—	—
Tool and die makers	24.82	2.0	40.2	24.82	2.0	40.2	—	—	—
7	25.62	1.3	40.2	25.62	1.3	40.2	—	—	—
Tool and die maker apprentices	19.70	9.5	40.0	19.70	9.5	40.0	—	—	—
Precision assemblers, metal	21.04	8.9	40.0	21.04	8.9	40.0	—	—	—
Machinists	19.31	3.3	40.0	19.11	2.6	40.0	—	—	—
5	15.35	3.7	40.0	15.35	3.7	40.0	—	—	—
7	21.16	4.8	40.0	20.78	4.2	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	19.41	5.4	40.0	19.41	5.4	40.0	—	—	—
7	24.64	10.6	40.0	24.64	10.6	40.0	—	—	—
Patternmakers and modelmakers, metal	20.32	9.7	40.0	20.32	9.7	40.0	—	—	—
Dental laboratory and medical appliance technicians	14.39	5.1	40.0	14.39	5.1	40.0	—	—	—
Electrical and electronic equipment assemblers	11.09	10.6	40.0	11.09	10.6	40.0	—	—	—
4	13.25	4.6	40.0	13.25	4.6	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	16.88	10.2	40.0	16.87	10.5	40.0	—	—	—
Butchers and meat cutters	10.11	12.3	39.7	10.11	12.3	39.7	—	—	—
4	14.30	9.9	40.0	14.30	9.9	40.0	—	—	—
5	12.53	11.5	40.0	12.53	11.5	40.0	—	—	—
Bakers	13.16	6.5	35.4	13.16	6.5	35.4	—	—	—
2	10.49	12.6	29.6	10.49	12.6	29.6	—	—	—
Food batchmakers	13.90	16.1	40.0	13.90	16.1	40.0	—	—	—
Inspectors, testers, and graders	18.89	5.9	40.0	18.84	6.0	40.0	—	—	—
5	15.65	2.2	40.0	15.65	2.2	40.0	—	—	—
7	23.82	2.9	40.2	23.99	2.9	40.2	—	—	—
Water and sewer treatment plant operators	19.82	4.3	40.0	—	—	—	20.13	3.4	40.0
5	19.02	4.4	40.0	—	—	—	18.34	3.4	40.0
7	22.45	4.4	40.0	—	—	—	22.40	5.1	40.0
Stationary engineers	26.40	6.9	39.5	23.44	7.3	40.0	27.68	8.4	39.3

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 July 2004—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									
Stationary engineers—Continued									
7	\$27.01	7.3	39.5	\$24.13	8.9	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	20.14	7.4	40.0	20.14	8.4	40.0	—	—	—
Machine operators, assemblers, and inspectors	15.09	1.9	39.5	15.09	1.9	39.5	\$16.95	10.3	40.0
1	8.80	3.3	38.9	8.79	3.3	38.9	—	—	—
2	12.35	2.6	39.2	12.35	2.6	39.2	—	—	—
3	16.75	6.1	39.6	16.75	6.1	39.6	—	—	—
4	15.60	4.7	39.7	15.60	4.7	39.7	—	—	—
5	17.11	6.5	39.9	17.11	6.5	39.9	—	—	—
6	18.74	3.5	39.9	18.74	3.5	39.9	—	—	—
7	21.05	5.2	39.8	21.10	5.3	39.8	—	—	—
Not able to be leveled	13.77	6.9	38.2	13.77	6.9	38.2	—	—	—
Lathe and turning-machine set-up operators	16.64	6.5	40.0	16.64	6.5	40.0	—	—	—
4	18.74	7.9	40.0	18.74	7.9	40.0	—	—	—
Lathe and turning-machine operators	16.92	5.5	38.8	16.92	5.5	38.8	—	—	—
4	18.13	10.5	40.0	18.13	10.5	40.0	—	—	—
5	17.03	7.4	40.0	17.03	7.4	40.0	—	—	—
Milling and planing machine operators	14.50	6.7	40.0	14.50	6.7	40.0	—	—	—
Punching and stamping press operators	13.47	12.1	38.5	13.47	12.1	38.5	—	—	—
2	10.08	5.7	40.0	10.08	5.7	40.0	—	—	—
3	16.01	9.3	40.0	16.01	9.3	40.0	—	—	—
4	14.43	22.0	39.9	14.43	22.0	39.9	—	—	—
5	16.66	4.0	40.0	16.66	4.0	40.0	—	—	—
Rolling machine operators	13.81	6.0	40.0	13.81	6.0	40.0	—	—	—
Drilling and boring machine operators	12.31	16.7	40.0	12.31	16.7	40.0	—	—	—
5	15.53	12.7	40.0	15.53	12.7	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	13.89	4.7	38.6	13.89	4.7	38.6	—	—	—
1	10.52	2.1	40.0	10.52	2.1	40.0	—	—	—
2	10.68	11.6	28.0	10.68	11.6	28.0	—	—	—
3	14.60	6.5	40.0	14.60	6.5	40.0	—	—	—
5	15.61	3.1	40.0	15.61	3.1	40.0	—	—	—
Forging machine operators	18.03	12.6	40.0	18.03	12.6	40.0	—	—	—
Numerical control machine operators	16.27	6.0	40.0	16.27	6.0	40.0	—	—	—
4	14.12	11.4	40.0	14.12	11.4	40.0	—	—	—
5	16.67	4.8	40.0	16.67	4.8	40.0	—	—	—
6	17.85	3.1	40.0	17.85	3.1	40.0	—	—	—
7	19.75	7.0	40.0	19.75	7.0	40.0	—	—	—
Fabricating machine operators, n.e.c.	18.30	4.7	39.9	18.30	4.7	39.9	—	—	—
3	19.38	8.0	40.0	19.38	8.0	40.0	—	—	—
4	20.81	7.9	39.7	20.81	7.9	39.7	—	—	—
Molding and casting machine operators	12.72	6.0	39.4	12.72	6.0	39.4	—	—	—
1	9.33	12.3	40.0	9.33	12.3	40.0	—	—	—
2	10.74	5.8	40.0	10.74	5.8	40.0	—	—	—
3	12.15	7.8	39.9	12.15	7.8	39.9	—	—	—
4	13.54	9.1	38.7	13.54	9.1	38.7	—	—	—
5	16.51	4.9	40.0	16.51	4.9	40.0	—	—	—
Metal plating machine operators	13.23	4.8	39.3	13.23	4.8	39.3	—	—	—
4	13.53	6.8	38.6	13.53	6.8	38.6	—	—	—
Heat treating equipment operators	17.44	6.8	40.0	17.44	6.8	40.0	—	—	—
Sawing machine operators	12.53	10.4	40.0	12.53	10.4	40.0	—	—	—
Printing press operators	16.25	5.2	39.4	16.24	5.3	39.4	—	—	—
4	14.42	16.4	40.0	14.35	16.6	40.0	—	—	—
5	17.42	4.9	38.7	17.40	4.9	38.7	—	—	—
6	17.60	1.5	39.6	17.60	1.5	39.6	—	—	—
7	19.98	4.1	38.9	19.98	4.1	38.9	—	—	—
Photoengravers and lithographers	16.89	6.0	39.3	16.89	6.0	39.3	—	—	—
5	16.67	4.1	39.5	16.67	4.1	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 July 2004—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	\$13.78	19.5	39.1	\$13.78	19.5	39.1	—	—	—
Pressing machine operators	9.20	8.6	39.0	9.20	8.6	39.0	—	—	—
Laundrying and dry cleaning machine operators	8.62	5.7	34.2	8.54	5.8	34.1	—	—	—
1	7.97	6.7	30.3	7.77	5.9	30.0	—	—	—
2	9.69	5.5	39.7	9.69	5.5	39.7	—	—	—
Packaging and filling machine operators	15.08	6.3	39.7	15.08	6.3	39.7	—	—	—
1	9.90	7.4	38.5	9.90	7.4	38.5	—	—	—
2	13.40	6.0	39.9	13.40	6.0	39.9	—	—	—
3	15.10	4.5	39.8	15.10	4.5	39.8	—	—	—
4	14.47	14.3	40.0	14.47	14.3	40.0	—	—	—
5	17.15	6.0	39.9	17.15	6.0	39.9	—	—	—
Extruding and forming machine operators	13.31	6.9	39.8	13.31	6.9	39.8	—	—	—
3	11.70	11.3	40.0	11.70	11.3	40.0	—	—	—
4	14.72	1.7	39.4	14.72	1.7	39.4	—	—	—
Mixing and blending machine operators	18.34	15.0	39.9	18.34	15.0	39.9	—	—	—
4	16.01	7.9	39.9	16.01	7.9	39.9	—	—	—
5	18.42	5.8	40.0	18.42	5.8	40.0	—	—	—
Separating, filtering, and clarifying machine operators	21.12	6.5	40.0	21.12	6.5	40.0	—	—	—
5	20.70	9.6	40.0	20.70	9.6	40.0	—	—	—
Compressing and compacting machine operators	11.88	10.1	39.7	11.88	10.1	39.7	—	—	—
Painting and paint spraying machine operators	13.58	6.7	39.9	13.58	6.7	39.9	—	—	—
2	11.08	7.0	40.0	11.08	7.0	40.0	—	—	—
3	14.18	11.2	40.0	14.18	11.2	40.0	—	—	—
4	15.74	3.6	39.1	15.74	3.6	39.1	—	—	—
5	14.92	4.4	40.0	14.92	4.4	40.0	—	—	—
Roasting and baking machine operators, food ..	13.78	12.3	38.9	13.78	12.3	38.9	—	—	—
Furnace, kiln, and oven operators, except food	15.84	16.3	40.0	15.83	16.4	40.0	—	—	—
Slicing and cutting machine operators	15.28	6.8	41.7	15.28	6.8	41.7	—	—	—
2	12.89	5.5	40.0	12.89	5.5	40.0	—	—	—
4	17.04	5.0	40.0	17.04	5.0	40.0	—	—	—
5	17.70	4.8	40.0	17.70	4.8	40.0	—	—	—
Miscellaneous machine operators, n.e.c.	15.06	5.4	39.5	15.04	5.4	39.5	—	—	—
1	9.82	8.5	38.4	9.82	8.5	38.4	—	—	—
2	14.12	4.5	39.7	14.12	4.5	39.7	—	—	—
3	13.83	11.2	39.0	13.83	11.2	39.0	—	—	—
4	15.96	10.6	40.0	15.96	10.6	40.0	—	—	—
5	17.28	4.1	40.0	17.28	4.1	40.0	—	—	—
7	21.97	13.0	40.0	—	—	—	—	—	—
Welders and cutters	16.92	4.2	39.8	16.91	4.2	39.8	—	—	—
3	19.29	13.6	40.0	19.29	13.6	40.0	—	—	—
4	16.81	6.5	40.0	16.81	6.5	40.0	—	—	—
5	15.75	4.3	39.6	15.75	4.3	39.6	—	—	—
6	19.35	6.0	40.0	19.35	6.0	40.0	—	—	—
7	19.03	9.1	40.0	19.27	9.8	40.0	—	—	—
Assemblers	15.91	3.8	39.7	15.91	3.8	39.7	—	—	—
1	8.45	9.8	39.8	8.45	9.8	39.8	—	—	—
2	12.54	7.2	39.9	12.54	7.2	39.9	—	—	—
3	19.93	5.0	39.5	19.93	5.0	39.5	—	—	—
4	16.56	7.6	39.8	16.56	7.6	39.8	—	—	—
5	21.35	15.1	39.9	21.35	15.1	39.9	—	—	—
6	18.70	5.1	40.0	18.70	5.1	40.0	—	—	—
Not able to be leveled	14.25	10.5	40.0	14.25	10.5	40.0	—	—	—
Hand painting, coating, and decorating	11.44	12.2	37.9	11.44	12.2	37.9	—	—	—
Miscellaneous hand working, n.e.c.	13.29	6.8	39.5	13.29	6.8	39.5	—	—	—
1	9.98	19.4	34.7	9.98	19.4	34.7	—	—	—
2	10.24	12.0	40.0	10.24	12.0	40.0	—	—	—
3	14.83	8.5	40.0	14.83	8.5	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 July 2004—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									
Miscellaneous hand working, n.e.c.—Continued									
4	\$14.60	16.5	40.0	\$14.60	16.5	40.0	—	—	—
Production inspectors, checkers and examiners	15.28	5.8	39.7	15.27	5.8	39.7	—	—	—
2	14.55	15.4	40.0	14.55	15.4	40.0	—	—	—
3	14.71	10.0	40.0	14.71	10.0	40.0	—	—	—
4	14.24	3.7	39.9	14.24	3.7	39.9	—	—	—
5	14.07	7.6	39.9	14.07	7.6	39.9	—	—	—
Production testers	13.39	10.5	39.4	13.39	10.5	39.4	—	—	—
Transportation and material moving	16.35	3.6	36.7	16.24	4.1	37.4	\$17.41	3.3	31.3
1	9.21	11.3	29.6	9.20	11.5	29.5	—	—	—
2	12.24	3.8	32.0	11.25	4.1	31.4	16.98	3.8	34.9
3	13.79	5.2	34.5	13.47	5.9	36.3	15.57	9.3	27.0
4	19.16	5.0	39.1	19.24	5.5	39.7	18.11	3.9	31.9
5	16.89	4.5	40.4	16.70	4.3	41.5	18.41	7.4	32.9
6	19.66	14.1	47.9	19.80	14.9	48.7	17.68	6.9	38.6
7	24.12	2.9	39.3	24.01	3.3	39.2	25.32	3.2	40.0
Not able to be leveled	17.25	4.8	40.4	17.25	4.8	40.4	—	—	—
Supervisors, motor vehicle operators	17.03	14.2	44.7	15.97	16.4	45.3	25.46	3.7	40.0
7	23.36	5.7	42.2	—	—	—	25.46	3.7	40.0
Truckdrivers	16.93	4.8	39.4	16.83	5.2	39.5	19.69	7.1	38.4
2	12.38	6.1	38.1	12.21	6.5	38.4	—	—	—
3	12.02	7.7	35.4	11.30	5.5	35.1	20.86	15.7	39.4
4	20.42	6.0	39.8	20.42	6.2	39.8	—	—	—
5	17.01	6.6	42.2	16.88	6.0	42.3	—	—	—
6	20.70	9.9	52.9	20.92	10.0	54.1	—	—	—
Driver-sales workers	9.54	10.5	25.4	9.54	10.5	25.4	—	—	—
1	5.78	4.6	20.9	5.78	4.6	20.9	—	—	—
3	13.44	11.2	23.4	13.44	11.2	23.4	—	—	—
Busdrivers	15.50	3.0	27.5	10.47	5.0	28.4	16.04	3.5	27.4
2	16.46	5.4	32.5	10.33	6.2	28.0	18.37	2.2	34.2
3	14.11	5.1	24.2	—	—	—	14.14	5.2	24.3
4	16.63	4.1	29.2	—	—	—	17.11	3.1	28.6
5	15.70	9.9	25.1	—	—	—	15.70	9.9	25.1
Taxicab drivers and chauffeurs	7.51	3.2	39.1	7.51	3.2	39.1	—	—	—
Motor transportation, n.e.c.	9.09	12.6	18.8	8.25	13.6	18.2	—	—	—
1	6.47	9.0	18.6	6.47	9.0	18.6	—	—	—
2	7.72	7.6	17.2	7.64	7.4	17.1	—	—	—
Supervisors, material moving equipment	21.22	3.0	42.4	21.22	3.0	42.4	—	—	—
7	19.88	3.9	40.5	19.88	3.9	40.5	—	—	—
Operating engineers	26.06	4.2	38.3	26.65	4.7	37.9	23.04	8.1	39.9
5	23.39	9.0	40.0	—	—	—	21.87	14.5	40.0
Crane and tower operators	15.46	3.2	40.0	15.46	3.2	40.0	—	—	—
4	14.80	4.1	40.0	14.80	4.1	40.0	—	—	—
Excavating and loading machine operators	15.80	16.1	40.0	15.65	16.9	40.0	—	—	—
5	17.82	8.3	40.0	17.56	9.9	40.0	—	—	—
Grader, dozer, and scraper operators	18.84	16.3	40.0	20.30	19.9	40.0	—	—	—
Industrial truck and tractor equipment operators	15.65	3.9	39.5	15.65	4.0	39.5	—	—	—
2	13.28	6.0	39.7	13.28	6.0	39.7	—	—	—
3	15.19	3.7	39.2	15.19	3.7	39.2	—	—	—
4	17.89	5.5	39.5	17.90	5.5	39.5	—	—	—
5	15.36	5.3	40.0	15.32	6.2	40.0	—	—	—
Not able to be leveled	16.22	6.0	39.4	16.22	6.0	39.4	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.44	6.1	37.1	16.33	6.6	36.9	17.53	9.6	40.0
2	13.01	13.5	30.7	13.01	13.5	30.7	—	—	—
3	16.63	14.5	40.0	16.83	16.5	40.0	—	—	—
4	14.43	6.0	40.0	14.38	7.2	40.0	—	—	—
5	19.69	4.6	37.3	19.71	6.3	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 July 2004—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									
1	\$12.30	4.1	33.5	\$12.08	4.3	33.3	\$16.14	4.9	37.8
2	9.39	7.9	29.4	9.25	7.1	29.4	15.14	18.5	32.5
3	11.87	5.4	36.9	11.83	5.4	36.8	12.64	15.6	39.9
4	13.86	4.5	36.8	13.85	4.5	36.8	14.18	7.2	38.1
5	17.51	4.6	38.0	17.56	5.4	38.0	17.21	2.3	38.7
6	18.76	2.9	38.7	18.98	3.6	38.6	17.85	6.6	39.0
7	18.55	8.9	40.0	18.73	11.7	40.0	18.06	2.4	40.0
Not able to be leveled	21.96	1.8	39.1	22.20	2.5	38.7	21.40	2.3	40.0
Supervisors, agriculture-related workers	13.44	16.6	36.3	13.44	16.6	36.3	—	—	—
Groundskeepers and gardeners, except farm ...	15.90	14.7	42.1	—	—	—	—	—	—
1	10.70	9.6	36.1	9.05	8.4	36.6	14.71	8.2	34.9
2	8.91	4.6	31.4	8.69	2.7	33.4	9.72	17.0	25.6
3	—	—	—	—	—	—	14.02	.5	39.3
4	10.85	4.6	35.9	10.34	5.2	35.8	12.29	11.1	36.3
5	13.59	6.2	34.3	—	—	—	—	—	—
Animal caretakers, except farm	17.98	8.4	38.4	—	—	—	17.98	8.4	38.4
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	13.18	20.7	30.2	—	—	—	—	—	—
5	18.72	6.8	39.5	17.96	7.7	39.4	—	—	—
7	16.01	6.4	41.3	—	—	—	—	—	—
Not able to be leveled	21.56	3.9	38.4	21.37	6.3	37.4	—	—	—
Helpers, mechanics and repairers	18.97	22.8	40.0	18.97	22.8	40.0	—	—	—
4	11.53	11.6	36.7	10.67	9.6	36.3	—	—	—
Helpers, construction trades	17.26	5.8	40.0	—	—	—	—	—	—
Construction laborers	16.55	9.4	39.2	16.55	9.4	39.2	—	—	—
1	20.08	4.6	37.1	20.24	4.5	37.1	15.44	15.6	38.7
3	13.27	9.6	34.3	—	—	—	—	—	—
5	17.95	9.9	39.3	—	—	—	—	—	—
Production helpers	22.91	4.5	38.7	22.94	4.8	38.7	—	—	—
1	12.21	2.5	38.7	12.20	2.5	38.7	—	—	—
2	9.35	4.1	37.4	9.35	4.1	37.4	—	—	—
3	13.16	11.2	37.6	13.16	11.2	37.6	—	—	—
Stock handlers and baggers	12.10	7.7	40.0	12.07	7.7	40.0	—	—	—
1	10.18	3.8	27.2	10.15	3.8	27.2	—	—	—
2	8.13	2.5	23.3	8.13	2.5	23.3	—	—	—
3	10.64	4.3	33.0	10.64	4.3	33.0	—	—	—
4	14.51	9.5	37.8	14.48	9.6	37.7	—	—	—
Machine feeders and offbearers	13.94	4.0	40.0	13.74	4.7	40.0	—	—	—
1	11.75	9.6	38.2	11.75	9.6	38.2	—	—	—
3	9.09	6.2	39.8	9.09	6.2	39.8	—	—	—
Freight, stock, and material handlers, n.e.c.	14.80	18.8	40.0	14.80	18.8	40.0	—	—	—
1	13.79	5.9	33.2	13.75	5.8	33.1	—	—	—
2	11.38	8.3	30.4	11.22	7.4	30.3	—	—	—
3	14.22	8.9	35.2	14.22	8.9	35.2	—	—	—
4	16.81	7.5	36.6	16.81	7.5	36.6	—	—	—
Not able to be leveled	15.94	8.9	37.9	15.94	8.9	37.9	—	—	—
Garage and service station related	12.54	11.8	29.2	12.54	11.8	29.2	—	—	—
2	8.38	6.7	38.4	8.22	5.7	38.3	—	—	—
Vehicle washers and equipment cleaners	8.34	12.2	35.3	—	—	—	—	—	—
1	10.85	15.3	33.6	10.85	15.3	33.6	—	—	—
2	8.50	10.0	30.6	8.50	10.0	30.6	—	—	—
3	17.57	20.7	40.0	17.57	20.7	40.0	—	—	—
Hand packers and packagers	11.08	14.9	41.0	11.08	14.9	41.0	—	—	—
1	10.45	10.3	38.8	10.45	10.3	38.8	—	—	—
2	8.87	14.4	38.6	8.87	14.4	38.6	—	—	—
3	11.07	6.9	39.9	11.07	6.9	39.9	—	—	—
4	15.42	14.6	39.4	15.42	14.6	39.4	—	—	—
Laborers, except construction, n.e.c.	16.05	9.0	40.0	16.05	9.0	40.0	—	—	—
	12.04	8.0	34.2	11.44	9.3	33.5	15.43	13.2	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 July 2004—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									
Laborers, except construction, n.e.c.—Continued									
1	\$9.93	6.6	31.0	\$9.08	3.3	30.5	\$17.11	22.1	35.2
2	10.38	16.5	38.6	9.99	15.0	38.4	12.50	25.1	40.0
3	13.13	3.3	29.6	13.04	3.6	28.7	—	—	—
4	19.30	4.8	40.0	—	—	—	16.43	7.4	40.0
5	17.43	10.4	39.5	—	—	—	17.38	12.9	40.0
Service	10.73	2.4	30.1	8.99	2.4	28.9	17.28	2.9	36.0
1	7.53	3.4	24.5	7.15	2.3	24.2	11.55	7.5	27.9
2	8.25	3.3	28.5	7.78	3.9	28.0	11.91	5.1	32.6
3	10.26	3.5	33.8	9.79	4.1	33.5	12.97	2.4	35.2
4	11.84	2.9	34.0	11.27	3.9	33.3	13.59	3.4	36.3
5	15.05	2.9	34.7	14.27	4.2	34.9	16.36	2.3	34.5
6	17.67	5.3	39.8	14.32	13.8	39.0	20.32	2.5	40.5
7	21.15	2.7	39.1	17.16	7.0	28.7	21.82	2.5	41.6
8	24.91	1.4	40.3	—	—	—	25.00	1.4	40.3
9	26.88	1.7	42.0	—	—	—	27.23	2.6	42.1
10	30.52	14.3	42.8	—	—	—	30.72	14.4	42.9
Not able to be leveled	9.70	5.5	31.1	9.66	5.5	31.0	—	—	—
Protective service	18.49	4.1	37.0	10.36	2.3	32.8	21.93	1.5	39.2
1	9.58	3.4	31.4	9.64	3.5	33.7	8.25	9.6	13.2
2	9.07	4.0	29.6	8.75	4.5	30.2	13.09	7.6	23.4
3	11.29	5.2	35.4	9.75	3.3	35.4	17.10	5.7	35.7
4	12.79	9.9	32.9	11.45	5.9	32.1	13.23	11.4	33.2
5	15.78	3.2	34.5	13.03	2.8	34.7	17.21	4.3	34.4
6	20.43	2.5	40.4	—	—	—	20.38	2.5	40.6
7	21.82	2.9	39.9	16.02	8.4	13.9	21.96	3.1	41.8
8	25.01	1.5	40.4	—	—	—	25.01	1.5	40.4
9	26.67	1.8	42.1	—	—	—	27.10	2.9	42.2
10	30.52	14.3	42.8	—	—	—	30.72	14.4	42.9
Not able to be leveled	14.10	12.4	35.9	13.71	13.1	35.7	—	—	—
Supervisors, firefighters and fire prevention	22.11	6.4	50.1	—	—	—	22.11	6.4	50.1
9	25.87	4.9	49.1	—	—	—	25.87	4.9	49.1
Supervisors, police and detectives	29.52	8.9	40.1	—	—	—	29.61	9.0	40.1
8	25.90	2.9	40.3	—	—	—	25.90	2.9	40.3
9	30.22	2.6	39.9	—	—	—	30.22	2.6	39.9
10	35.30	11.2	40.0	—	—	—	35.74	11.2	40.0
Supervisors, guards	19.10	14.7	39.7	14.44	8.5	40.0	—	—	—
Firefighting	20.79	2.1	46.1	—	—	—	21.18	2.0	45.8
5	15.41	11.0	44.6	—	—	—	17.81	1.7	40.5
6	20.15	3.1	43.8	—	—	—	20.15	3.1	43.8
7	22.13	3.3	47.4	—	—	—	22.13	3.3	47.4
Police and detectives, public service	24.40	1.2	38.4	—	—	—	24.40	1.2	38.4
5	17.02	6.4	20.4	—	—	—	17.02	6.4	20.4
6	22.42	2.1	38.0	—	—	—	22.42	2.1	38.0
7	23.05	4.8	39.1	—	—	—	23.05	4.8	39.1
8	25.46	1.9	39.7	—	—	—	25.46	1.9	39.7
9	26.87	5.2	40.5	—	—	—	26.87	5.2	40.5
Sheriffs, bailiffs, and other law enforcement officers	18.20	4.3	39.8	—	—	—	18.20	4.3	39.8
7	16.32	7.7	40.0	—	—	—	16.30	7.7	40.0
8	21.26	3.6	40.4	—	—	—	21.26	3.6	40.4
Correctional institution officers	18.12	4.7	38.4	—	—	—	18.12	4.7	38.4
4	13.15	6.4	33.1	—	—	—	13.15	6.4	33.1
5	17.27	6.0	39.4	—	—	—	17.27	6.0	39.4
6	20.47	3.9	38.6	—	—	—	20.47	3.9	38.6
7	18.68	4.4	40.0	—	—	—	18.68	4.4	40.0
Crossing guards	8.44	9.3	12.8	—	—	—	8.44	9.3	12.8

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 July 2004—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									
Crossing guards—Continued									
1	\$8.25	9.6	13.2	—	—	—	\$8.25	9.6	13.2
Guards and police, except public service	10.38	3.6	32.9	\$10.18	2.5	33.1	13.08	20.7	29.9
1	9.64	3.5	33.7	9.64	3.5	33.7	—	—	—
2	9.08	4.2	33.4	9.07	4.1	33.3	—	—	—
3	10.06	5.1	36.4	9.79	3.7	36.3	14.32	1.8	39.0
4	9.86	14.4	32.0	11.21	7.0	31.7	—	—	—
5	13.91	5.8	26.6	13.46	5.0	28.6	—	—	—
7	18.52	7.9	15.8	16.68	7.7	12.1	—	—	—
Protective service, n.e.c.	12.35	14.6	26.5	8.09	5.7	23.6	15.56	7.9	29.2
2	8.46	12.8	22.0	—	—	—	—	—	—
3	13.60	20.8	28.6	—	—	—	17.14	7.8	30.5
4	13.49	13.5	23.5	—	—	—	13.49	13.5	23.5
Food service	7.35	2.0	26.2	7.15	1.9	26.1	11.17	4.7	29.4
1	6.25	3.0	22.8	6.15	3.1	22.7	9.94	3.9	25.2
2	6.07	5.0	25.9	5.92	5.0	25.8	9.88	7.2	27.2
3	8.59	5.2	31.3	8.14	2.6	31.4	12.05	4.7	31.2
4	9.02	5.5	32.6	8.79	6.0	32.3	11.26	5.2	35.2
5	12.39	5.9	39.3	12.36	6.7	40.0	12.75	6.2	31.8
6	13.71	13.4	39.7	13.70	13.6	39.7	—	—	—
7	15.27	10.8	38.3	14.95	10.9	38.2	—	—	—
Not able to be leveled	8.87	14.4	23.1	8.87	14.4	23.1	—	—	—
Waiters, waitresses, and bartenders	4.41	3.0	23.6	4.41	3.0	23.6	—	—	—
1	4.21	8.8	21.7	4.21	8.8	21.7	—	—	—
2	3.70	10.0	25.9	3.70	10.0	25.9	—	—	—
3	5.09	9.4	25.4	5.09	9.4	25.4	—	—	—
Bartenders	6.69	3.7	22.7	6.69	3.7	22.7	—	—	—
1	5.99	5.2	19.0	5.99	5.2	19.0	—	—	—
2	5.72	16.5	20.6	5.72	16.5	20.6	—	—	—
3	6.39	8.2	25.6	6.39	8.2	25.6	—	—	—
Waiters and waitresses	3.33	5.8	23.6	3.33	5.8	23.6	—	—	—
1	3.25	4.5	20.4	3.25	4.5	20.4	—	—	—
2	3.47	10.4	26.5	3.47	10.4	26.6	—	—	—
3	3.10	3.5	24.9	3.10	3.5	24.9	—	—	—
Waiters/Waitresses' assistants	6.04	6.1	24.9	6.04	6.1	24.9	—	—	—
1	5.91	8.6	24.9	5.91	8.6	24.9	—	—	—
Other food service	8.59	2.5	27.5	8.39	2.0	27.4	11.19	4.7	29.5
1	7.11	2.4	23.3	7.00	2.4	23.2	9.94	3.9	25.2
2	7.66	1.9	25.8	7.51	2.3	25.7	9.99	7.4	27.5
3	9.58	4.4	33.5	9.14	2.4	34.0	12.05	4.7	31.2
4	9.94	3.5	36.0	9.74	4.1	36.1	11.26	5.2	35.2
5	12.39	5.9	39.3	12.36	6.7	40.0	12.75	6.2	31.8
6	13.71	13.4	39.7	13.70	13.6	39.7	—	—	—
7	15.27	10.8	38.3	14.95	10.9	38.2	—	—	—
Not able to be leveled	10.92	7.2	32.5	10.92	7.2	32.5	—	—	—
Supervisors, food preparation and service	12.36	4.2	38.6	12.42	4.4	39.0	11.69	4.0	34.3
3	9.37	7.7	33.7	9.37	7.7	33.7	—	—	—
4	10.15	4.3	38.4	10.02	4.6	40.3	—	—	—
5	12.77	7.5	39.7	12.82	8.0	40.2	—	—	—
6	13.64	13.9	39.7	13.63	14.1	39.7	—	—	—
7	16.45	7.8	41.4	16.12	8.0	41.5	—	—	—
Cooks	9.45	4.9	31.6	9.08	3.2	31.3	12.09	4.1	33.5
1	7.39	13.3	22.8	6.58	9.2	21.2	—	—	—
2	8.52	2.7	28.0	8.38	3.3	28.0	11.50	4.4	26.9
3	9.88	5.9	34.7	9.32	3.7	34.9	12.34	4.1	34.0
4	9.76	4.9	34.7	9.52	5.9	34.5	12.18	4.9	37.2
5	10.75	5.8	37.5	10.36	4.5	39.0	—	—	—
Not able to be leveled	10.75	8.8	32.7	10.75	8.8	32.7	—	—	—
Food counter, fountain, and related	6.99	2.2	23.6	6.99	2.2	23.7	—	—	—
1	6.51	3.7	22.6	6.51	3.7	22.7	—	—	—
2	7.05	5.5	22.3	7.05	5.5	22.3	—	—	—

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 July 2004—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									
Food counter, fountain, and related—Continued									
3	\$8.23	3.9	32.7	\$8.23	3.9	32.7	—	—	—
Kitchen workers, food preparation	7.71	3.0	27.5	7.64	3.3	27.3	\$8.89	5.5	33.3
1	7.62	3.4	25.2	7.61	3.5	25.2	—	—	—
2	7.24	5.4	27.9	7.12	6.3	27.4	—	—	—
3	9.56	3.8	31.6	9.43	4.0	31.5	—	—	—
Food preparation, n.e.c.	7.60	2.4	24.3	7.39	2.2	24.3	10.50	4.4	23.4
1	7.18	2.6	23.3	7.07	2.7	23.3	9.70	4.0	22.9
2	7.94	3.8	25.9	7.62	4.0	26.2	11.02	4.9	22.9
3	9.68	3.0	29.8	8.91	2.3	33.7	11.22	7.1	24.3
Health service	11.10	3.4	34.5	10.83	3.9	34.2	12.95	6.6	37.3
1	8.75	3.1	30.2	9.00	4.0	26.8	—	—	—
2	9.85	1.8	33.7	9.80	1.9	33.3	10.16	6.3	35.9
3	10.75	6.2	34.5	10.67	6.6	34.5	13.49	5.8	35.4
4	12.58	3.1	35.4	12.13	4.4	34.4	13.98	3.9	38.6
5	13.85	6.9	36.3	12.38	11.1	36.3	15.54	3.6	36.3
Not able to be leveled	11.12	5.4	36.6	11.12	5.4	36.6	—	—	—
Dental assistants	13.40	4.5	37.2	13.40	4.5	37.2	—	—	—
Health aides, except nursing	11.83	3.9	33.4	11.32	3.9	33.3	14.59	1.5	34.2
2	9.01	5.0	33.3	8.58	5.9	34.2	—	—	—
3	10.78	5.6	30.5	10.32	5.5	30.1	14.74	1.7	34.5
4	12.71	5.5	35.5	12.70	5.7	35.7	—	—	—
5	14.17	3.3	36.9	12.77	3.1	39.6	14.94	2.2	35.5
Nursing aides, orderlies, and attendants	10.31	3.1	34.2	9.93	2.4	33.6	12.46	8.9	38.3
1	8.54	3.3	30.2	8.68	4.7	26.3	—	—	—
2	9.98	2.1	33.7	9.99	2.3	33.2	9.91	4.7	37.1
3	9.70	3.3	34.3	9.65	3.3	34.2	12.14	6.5	36.4
4	12.11	4.2	35.2	10.89	3.5	33.1	14.02	4.2	39.0
5	12.94	14.0	36.7	11.31	14.3	36.1	—	—	—
Not able to be leveled	10.36	6.1	35.6	10.36	6.1	35.6	—	—	—
Cleaning and building service	11.09	3.4	33.0	10.28	4.2	31.5	13.62	3.1	38.4
1	9.38	7.0	28.7	8.79	4.1	27.7	13.44	3.6	37.5
2	11.54	3.0	35.6	11.02	5.6	34.9	13.08	4.6	37.5
3	12.22	2.5	38.8	11.79	4.4	38.6	12.56	3.5	39.0
4	14.80	5.5	37.9	14.85	9.5	36.9	14.70	2.6	39.8
5	16.71	2.1	39.5	16.87	2.8	39.8	16.45	5.0	38.9
6	17.13	5.4	40.0	—	—	—	—	—	—
7	19.45	8.9	40.0	—	—	—	20.58	9.6	40.0
Not able to be leveled	9.41	7.8	33.2	9.41	7.8	33.2	—	—	—
Supervisors, cleaning and building service workers	16.82	6.5	39.6	16.19	6.1	39.7	17.62	11.8	39.4
5	15.97	3.5	38.9	16.37	2.1	39.7	—	—	—
7	18.89	9.9	40.0	—	—	—	20.58	9.6	40.0
Maids and housemen	8.30	4.5	32.0	8.30	4.5	32.0	—	—	—
1	8.40	7.1	32.1	8.39	7.2	32.1	—	—	—
2	8.19	2.1	34.0	8.18	2.1	34.0	—	—	—
Not able to be leveled	7.81	5.4	30.3	7.81	5.4	30.3	—	—	—
Janitors and cleaners	11.43	3.3	32.9	10.68	4.9	31.1	13.29	2.8	38.3
1	9.69	7.5	27.7	8.94	3.7	26.3	13.45	3.6	37.5
2	11.93	3.2	35.8	11.48	5.7	35.1	13.09	4.6	37.5
3	12.28	2.7	38.7	11.88	5.1	38.4	12.57	3.7	38.9
4	14.79	5.9	37.8	14.93	10.4	36.6	14.58	2.7	39.8
5	17.41	4.1	40.0	—	—	—	17.07	4.4	40.0
Not able to be leveled	11.02	7.1	37.3	11.02	7.1	37.3	—	—	—
Personal service	10.67	4.5	26.6	10.28	5.7	27.1	12.57	5.2	24.2
1	8.34	10.2	18.7	6.80	3.0	18.9	11.15	13.6	18.5
2	8.58	5.7	24.2	8.15	4.3	24.2	11.48	14.8	24.2
3	9.15	3.6	31.1	8.96	3.2	31.8	11.26	6.5	25.2
4	13.44	4.9	31.0	13.38	5.6	30.9	13.69	13.6	31.5
5	18.92	4.1	26.6	19.97	8.3	25.7	15.48	6.5	30.0

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 July 2004—Continued

Occupations and levels	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Personal service—Continued									
Not able to be leveled	\$8.91	9.4	39.2	\$8.35	7.0	42.4	—	—	—
Hairdressers and cosmetologists	14.92	15.8	28.6	14.92	15.8	28.6	—	—	—
Attendants, amusement and recreation facilities	7.13	4.1	24.0	6.79	4.1	26.2	\$8.37	2.9	18.5
1	6.84	3.5	17.8	6.34	7.2	20.4	7.83	3.7	14.3
2	6.68	8.6	32.0	6.43	7.7	32.5	—	—	—
3	7.95	2.9	25.2	7.74	3.6	25.9	—	—	—
Ushers	6.68	7.3	9.8	6.68	7.3	9.8	—	—	—
1	6.68	7.3	9.8	6.68	7.3	9.8	—	—	—
Public transportation attendants	30.59	5.9	18.6	34.38	2.7	17.7	—	—	—
Baggage porters and bellhops	8.77	26.8	35.3	8.77	26.8	35.3	—	—	—
Welfare service aides	9.64	6.7	29.3	9.33	6.5	29.2	—	—	—
2	8.62	2.9	25.2	8.62	2.9	25.2	—	—	—
3	8.85	7.2	30.3	8.85	7.2	30.3	—	—	—
4	10.90	3.0	36.7	10.71	2.7	36.6	—	—	—
Early childhood teachers' assistants	9.14	5.2	30.4	8.03	4.4	30.7	12.07	8.1	29.7
1	8.59	4.9	17.9	—	—	—	—	—	—
2	9.20	15.7	28.1	7.17	7.7	25.8	12.83	22.2	33.4
3	8.83	6.7	34.3	8.34	3.1	34.6	11.91	2.1	32.7
Childcare workers, n.e.c.	11.10	10.2	23.3	8.98	5.1	27.0	13.76	8.9	19.8
1	8.96	6.6	12.2	7.25	9.6	13.4	9.80	4.8	11.6
2	8.67	7.1	14.5	—	—	—	9.48	6.4	12.3
3	9.32	4.9	30.3	9.16	5.4	32.2	—	—	—
5	13.86	9.3	35.9	—	—	—	14.58	9.8	36.7
Service, n.e.c.	9.66	5.1	26.1	9.11	3.0	25.9	13.03	9.7	27.4
1	9.76	19.1	24.6	6.97	3.7	21.4	14.54	5.6	33.2
2	9.07	10.1	20.3	9.09	10.3	20.4	—	—	—
3	9.96	3.8	30.8	10.03	3.6	31.7	—	—	—
4	9.66	12.9	32.1	8.88	10.8	32.6	11.88	6.3	30.8
5	12.38	8.6	17.8	—	—	—	—	—	—
Not able to be leveled	8.36	6.9	40.5	—	—	—	—	—	—

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

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

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

weighted by hours.

⁴ In this census division, data were collected between December 2003 and January 2005. The average reference period was July 2004.

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 U.S. 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 3,800 establishments representing approximately 13,962,500 workers within the scope of the survey. Private sector establishments with 1 or more workers are included in the survey. State and local governments with 50 or more workers within a survey area are also 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 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. 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 152 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 (MSAs) or Consolidated Metropolitan Statistical Areas (CMSAs), 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 locality 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
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 was approximately proportional to the stratum employment. Each sampled establishment was 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 sampling of occupations within a sampled establishment.

Data collection. Collection was the responsibility of field economists, working out of the Bureau of Labor Statistics regional offices, who contacted each establishment surveyed. Collection was conducted between December 2003 and January 2005. The average payroll reference month was July 2004. For each establishment in the survey, the data reflect the establishment's practices on the day of collection.

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 whose jobs could be characterized by 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 that use in the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. For cases in which a job's duties overlapped two or more census classification codes, duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

In step three, certain other job characteristics of the chosen workers were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. The worker also 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 these tables are estimates from a scientifically selected probability sample. There are two types of errors possible in an estimate based on a sample survey, sampling errors and nonsampling errors.

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

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. 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 \$18.09 per hour with a relative standard error of 0.9 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$17.82 to \$18.36 ($\$18.09 \times 1.645 \times 0.009 = \0.2678 , round to \$0.27); ($\$18.09 - .27 = \17.82 ; $\$18.09 + .27 = \18.36). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

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

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

TABLE A. Number of workers¹ represented by the survey, by occupational group,² East North Central, National Compensation Survey,³ July 2004

Occupational group	All industries	Private industry	State and local government
All	13,962,500	11,917,900	2,044,600
All, excluding sales	12,792,600	10,752,400	2,040,200
White collar	6,631,000	5,298,000	1,333,000
White collar, excluding sales	5,461,000	4,132,400	1,328,600
Professional specialty and technical	2,355,900	1,525,300	830,600
Professional specialty occupations	1,877,200	1,086,700	790,400
Technical occupations	478,700	438,600	40,100
Executive, administrative, and managerial	907,700	759,600	148,100
Sales	1,170,000	1,165,600	4,400
Administrative support, including clerical	2,197,400	1,847,500	349,900
Blue collar	4,671,000	4,448,000	223,000
Precision production, craft, and repair	1,236,100	1,159,800	76,300
Machine operators, assemblers, and inspectors	1,663,200	1,660,900	2,200
Transportation and material moving	717,300	626,500	90,800
Handlers, equipment cleaners, helpers, and laborers	1,054,400	1,000,700	53,700
Service	2,660,600	2,172,000	488,600

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

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

³ In this census division, data were collected between December 2003 and January 2005. The average reference period was July 2004.

TABLE B. Number of establishments studied by industry group and establishment employment size, East North Central, National Compensation Survey,¹ July 2004

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	3,800	1,487	1,179	375	439	193	127
Private Industry	3,274	1,442	954	256	365	168	89
Goods-producing industries	1,068	375	351	98	142	74	28
Mining	28	23	4	1	—	—	—
Construction	126	94	28	4	—	—	—
Manufacturing	914	258	319	93	142	74	28
Durable goods	656	179	211	59	117	66	24
Nondurable goods	258	79	108	34	25	8	4
Service-producing industries	2,206	1,067	603	158	223	94	61
Transportation and utilities	207	82	61	24	21	9	10
Wholesale trade	129	79	40	4	4	2	—
Retail trade	526	338	149	12	21	4	2
Finance, insurance and real estate	244	127	41	21	28	13	14
Services	1,100	441	312	97	149	66	35
State and local government	526	45	225	119	74	25	38

¹ In this census division, collection was conducted between December 2003 and January 2005. The average reference period was July 2004.

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.