

# **National Compensation Survey: Occupational Wages in the East North Central Census Division, July 2003**

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**TABLE 1. Summary, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,<sup>2</sup> July 2003**

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 <sup>3</sup> (percent)		Mean	Relative error <sup>3</sup> (percent)		Mean	Relative error <sup>3</sup> (percent)	
<b>Total</b> .....	\$17.97	1.5	35.5	\$17.16	1.8	35.4	\$23.33	2.5	36.0
<b>Worker characteristics:<sup>4</sup></b>									
White-collar occupations <sup>5</sup> .....	21.88	1.2	35.8	20.87	1.7	35.8	26.80	2.7	35.8
Professional specialty and technical ... Executive, administrative, and managerial .....	27.99	1.9	35.5	26.36	2.6	35.8	31.94	1.9	35.0
Sales .....	30.94	1.7	39.4	30.65	1.9	39.6	32.71	6.9	38.5
Administrative support .....	17.19	6.1	31.9	17.20	6.1	31.9	15.52	9.6	27.6
Blue-collar occupations <sup>5</sup> .....	13.87	1.2	36.5	13.80	1.5	36.5	14.28	2.4	36.6
Precision production, craft, and repair Machine operators, assemblers, and inspectors .....	15.87	1.8	38.0	15.77	1.9	38.1	18.17	2.3	36.7
Transportation and material moving ... Handlers, equipment cleaners, helpers, and laborers .....	19.99	1.7	39.6	19.97	1.8	39.6	20.37	2.4	39.6
Service occupations <sup>5</sup> .....	14.65	2.1	39.2	14.65	2.1	39.2	16.28	9.2	40.0
Full time .....	16.16	2.4	37.5	16.07	2.9	38.1	17.05	4.4	32.2
Part time .....	12.21	3.4	34.4	11.97	3.4	34.2	16.09	5.2	38.3
Union .....	10.56	2.2	30.2	8.91	2.6	29.0	16.87	3.0	36.2
Nonunion .....	19.07	1.4	39.6	18.29	1.6	39.8	23.86	2.6	38.3
Time .....	9.85	1.3	20.2	9.56	1.5	20.3	14.28	3.1	17.9
Incentive .....	20.99	1.6	37.5	19.66	1.5	37.8	23.26	4.0	37.0
	17.09	2.4	34.9	16.67	2.2	35.0	23.44	8.0	34.5
	17.64	1.4	35.3	16.73	1.5	35.2	23.33	2.5	36.0
	25.03	5.1	39.0	25.03	5.1	39.0	-	-	-
<b>Establishment characteristics:</b>									
Goods producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	18.95	1.4	39.3	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Service producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	16.18	2.5	33.6	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
1 to 99 workers <sup>7</sup> .....	14.72	1.8	34.0	14.67	1.8	34.0	19.13	3.4	35.2
100 to 499 workers .....	17.38	3.9	36.2	16.84	4.8	36.3	21.12	4.3	35.0
500 to 999 workers .....	20.24	2.4	37.1	19.06	3.7	37.5	23.77	3.6	35.8
1,000 to 2,499 workers .....	21.51	2.8	36.1	21.03	2.5	36.4	23.69	5.7	34.8
2,500 workers or more .....	25.74	1.8	37.4	26.29	1.3	37.3	24.98	3.9	37.4
<b>Geographic areas:<sup>8</sup></b>									
Metropolitan .....	18.40	1.7	35.5	17.59	2.0	35.4	24.33	2.5	35.9
Nonmetropolitan .....	15.16	2.3	35.6	14.10	2.4	35.3	19.39	6.3	36.6
New England .....	19.55	1.4	34.3	18.70	1.5	34.1	25.45	2.5	35.6
Middle Atlantic .....	20.03	1.1	34.9	19.08	1.0	34.8	25.53	.6	35.6
East North Central .....	17.97	1.5	35.5	17.16	1.8	35.4	23.33	2.5	36.0
West North Central .....	17.03	4.4	35.1	16.30	4.8	34.7	21.09	4.4	37.4
South Atlantic .....	16.46	1.6	36.2	15.88	2.0	35.8	19.34	1.3	38.2
East South Central .....	14.45	6.6	36.2	13.97	7.3	36.1	18.34	2.7	36.9
West South Central .....	15.75	1.4	36.6	15.22	1.5	36.3	18.52	1.7	38.4
Mountain .....	16.63	3.0	35.8	15.65	1.8	35.6	22.34	3.6	37.2
Pacific .....	20.12	1.1	35.8	19.11	1.6	35.8	25.76	1.1	35.6

<sup>1</sup> 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.

<sup>2</sup> In this census division, data were collected between December 2002 and January 2004. The average reference period was July 2003.

<sup>3</sup> 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.

<sup>4</sup> 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.

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

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

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

<sup>8</sup> Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Appendix E 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 earnings<sup>1</sup> and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003**

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 <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)		Mean	Relative error <sup>4</sup> (percent)	
Total .....	\$17.97	1.5	35.5	\$18.40	1.7	35.5	\$15.16	2.3	35.6
Private Industry .....	17.16	1.8	35.4	17.59	2.0	35.4	14.10	2.4	35.3
State and local government .....	23.33	2.5	36.0	24.33	2.5	35.9	19.39	6.3	36.6
<b>Worker characteristics:<sup>5</sup></b>									
White-collar occupations <sup>6</sup> .....	21.88	1.2	35.8	22.34	1.2	35.8	18.13	3.1	35.9
Professional specialty and technical ...	27.99	1.9	35.5	28.55	2.0	35.6	23.74	4.7	35.2
Executive, administrative, and managerial .....	30.94	1.7	39.4	31.28	1.8	39.5	26.83	3.9	38.3
Sales .....	17.19	6.1	31.9	17.73	6.5	31.6	12.17	2.8	34.7
Administrative support .....	13.87	1.2	36.5	14.08	1.3	36.6	12.27	3.7	36.4
Blue-collar occupations <sup>6</sup> .....	15.87	1.8	38.0	16.10	2.0	38.0	14.69	3.1	38.2
Precision production, craft, and repair Machine operators, assemblers, and inspectors .....	19.99	1.7	39.6	20.49	1.8	39.6	17.03	4.8	39.8
Transportation and material moving ...	14.65	2.1	39.2	14.73	2.3	39.3	14.33	5.0	39.1
Handlers, equipment cleaners, helpers, and laborers .....	16.16	2.4	37.5	16.31	3.0	37.5	15.19	5.4	37.1
Service occupations <sup>6</sup> .....	12.21	3.4	34.4	12.28	3.9	34.4	11.77	4.7	34.6
Full time .....	10.56	2.2	30.2	10.71	2.4	30.3	9.68	4.7	30.0
Part time .....	19.07	1.4	39.6	19.53	1.5	39.6	16.08	2.2	39.6
Union .....	9.85	1.3	20.2	10.07	1.5	20.1	8.38	4.7	20.4
Nonunion .....	20.99	1.6	37.5	21.32	1.7	37.4	19.10	3.6	38.0
Time .....	17.09	2.4	34.9	17.57	2.6	35.0	13.84	3.1	34.9
Incentive .....	17.64	1.4	35.3	18.04	1.5	35.3	14.99	2.8	35.3
	25.03	5.1	39.0	26.27	5.3	38.4	18.22	5.2	42.9
<b>Establishment characteristics:</b>									
Goods producing <sup>7</sup> .....	18.95	1.4	39.3	-	-	-	-	-	-
Service producing <sup>7</sup> .....	16.18	2.5	33.6	-	-	-	-	-	-
1 to 99 workers <sup>8</sup> .....	14.72	1.8	34.0	15.04	1.9	34.1	12.44	2.3	33.8
100 to 499 workers .....	17.38	3.9	36.2	17.89	4.7	36.1	15.26	3.3	36.2
500 to 999 workers .....	20.24	2.4	37.1	20.60	1.9	36.9	18.90	7.6	37.5
1,000 to 2,499 workers .....	21.51	2.8	36.1	21.47	3.0	36.0	21.98	6.4	38.1
2,500 workers or more .....	25.74	1.8	37.4	25.75	1.8	37.3	-	-	-
<b>Geographic areas:<sup>9</sup></b>									
New England .....	19.55	1.4	34.3	20.10	1.0	34.3	14.80	4.0	34.1
Middle Atlantic .....	20.03	1.1	34.9	20.24	1.1	34.9	16.15	7.4	35.3
East North Central .....	17.97	1.5	35.5	18.40	1.7	35.5	15.16	2.3	35.6
West North Central .....	17.03	4.4	35.1	17.98	5.2	35.1	13.64	3.4	35.2
South Atlantic .....	16.46	1.6	36.2	16.92	1.8	36.1	13.55	2.5	36.8
East South Central .....	14.45	6.6	36.2	15.57	5.7	35.0	12.43	12.9	38.6
West South Central .....	15.75	1.4	36.6	16.04	1.6	36.7	13.77	3.4	36.2
Mountain .....	16.63	3.0	35.8	16.77	3.7	35.8	15.95	3.3	35.8
Pacific .....	20.12	1.1	35.8	20.35	1.2	35.8	16.08	2.2	34.6

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> In this census division, data were collected between December 2002 and January 2004. The average reference period was July 2003.

<sup>4</sup> 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.

<sup>5</sup> 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.

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

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

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

<sup>9</sup> Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See Appendix E 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 earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
All .....	\$17.97	1.5	35.5	\$19.07	1.4	39.6	\$9.85	1.3	20.2
All, excluding sales .....	18.04	1.4	35.8	18.94	1.3	39.5	10.36	1.6	20.0
<b>White collar</b> .....	21.88	1.2	35.8	23.02	1.1	39.4	12.39	2.5	20.1
White collar, excluding sales .....	22.79	.9	36.6	23.33	.9	39.3	15.97	2.2	19.6
<b>Professional specialty and technical</b> .....	27.99	1.9	35.5	28.53	2.1	38.8	21.61	4.0	17.8
Professional specialty .....	30.36	2.2	35.5	30.87	2.4	38.7	23.78	3.8	17.1
Engineers, architects, and surveyors .....	32.03	2.0	40.4	32.01	2.0	40.5	-	-	-
Architects .....	26.00	7.9	42.3	26.00	8.0	42.4	-	-	-
Metallurgical and materials engineers .....	36.40	7.6	40.0	36.40	7.6	40.0	-	-	-
Civil engineers .....	27.68	3.0	40.6	27.68	3.0	40.6	-	-	-
Electrical and electronic engineers .....	32.64	4.7	40.4	32.64	4.7	40.4	-	-	-
Industrial engineers .....	29.51	4.7	40.5	29.55	4.7	40.7	-	-	-
Mechanical engineers .....	30.10	3.2	41.0	30.15	3.2	41.0	-	-	-
Engineers, n.e.c. ....	35.75	2.1	40.0	35.75	2.1	40.0	-	-	-
Mathematical and computer scientists .....	31.89	1.8	39.9	31.89	1.8	39.9	-	-	-
Computer systems analysts and scientists .....	31.84	1.9	39.9	31.84	1.9	39.9	-	-	-
Operations and systems researchers and analysts .....	33.87	4.8	39.7	33.87	4.8	39.7	-	-	-
Natural scientists .....	31.06	5.3	39.2	31.23	5.3	39.6	-	-	-
Chemists, except biochemists .....	32.07	5.4	39.7	32.07	5.4	39.7	-	-	-
Physical scientists, n.e.c. ....	31.71	21.1	40.0	31.71	21.1	40.0	-	-	-
Biological and life scientists .....	41.89	25.5	38.0	43.44	25.9	40.0	-	-	-
Medical scientists .....	29.22	9.7	38.6	29.39	9.7	39.2	-	-	-
Health related .....	28.41	3.7	32.7	28.70	4.4	39.5	27.20	3.8	19.2
Physicians .....	56.81	7.8	39.9	56.12	8.3	43.7	72.55	4.6	13.4
Registered nurses .....	24.92	1.8	31.6	24.75	2.0	38.9	25.46	4.0	19.6
Pharmacists .....	40.07	1.8	33.4	39.98	2.1	40.0	40.44	2.8	19.7
Dietitians .....	20.97	4.2	35.0	21.00	4.8	39.8	-	-	-
Respiratory therapists .....	21.28	5.9	36.8	21.32	6.1	39.6	-	-	-
Occupational therapists .....	22.68	8.1	34.1	21.82	8.3	39.4	30.01	8.3	15.8
Physical therapists .....	28.09	3.9	34.4	27.34	4.8	39.7	36.52	11.2	13.5
Speech therapists .....	33.13	6.8	32.0	34.12	8.2	38.1	28.40	4.7	18.1
Therapists, n.e.c. ....	18.50	5.6	36.2	18.64	6.0	39.4	-	-	-
Physicians' assistants .....	22.48	21.4	38.4	-	-	-	-	-	-
Teachers, college and university .....	43.82	3.4	34.8	44.73	3.1	38.7	28.91	6.8	13.2
Biological science teachers .....	54.71	25.1	39.1	58.12	22.4	41.8	-	-	-
Chemistry teachers .....	35.42	8.4	32.2	36.20	8.2	38.7	-	-	-
Engineering teachers .....	66.34	15.2	35.4	66.74	15.4	38.9	-	-	-
Mathematical science teachers .....	46.69	3.6	37.4	46.99	3.1	38.8	-	-	-
Computer science teachers .....	50.02	9.0	33.8	-	-	-	-	-	-
Health specialties teachers .....	41.39	14.5	38.5	41.36	14.6	39.7	-	-	-
Business, commerce, and marketing teachers ..	41.02	8.7	23.3	42.02	9.2	38.8	34.40	21.4	6.4
Art, drama, and music teachers .....	31.55	15.2	33.9	31.55	16.7	38.8	31.62	9.6	13.5
Physical education teachers .....	28.95	11.2	37.9	28.95	11.2	37.9	-	-	-
Education teachers .....	39.08	9.0	37.0	39.32	8.7	38.0	-	-	-
English teachers .....	45.34	17.9	37.4	45.74	17.9	38.8	-	-	-
Foreign language teachers .....	40.83	8.3	32.1	-	-	-	-	-	-
Other post-secondary teachers .....	39.09	9.4	27.8	42.10	9.6	36.5	28.82	8.4	15.3
Teachers, except college and university .....	31.67	2.9	33.2	32.53	2.7	35.9	16.96	10.9	14.6
Prekindergarten and kindergarten .....	18.79	21.7	34.5	20.61	16.5	37.5	-	-	-
Elementary school teachers .....	34.05	2.7	35.0	34.09	2.7	35.4	31.11	11.5	17.7
Secondary school teachers .....	34.09	2.8	36.0	34.16	2.9	36.3	22.92	9.4	17.4
Teachers, special education .....	33.64	5.3	35.9	33.64	5.3	35.9	-	-	-
Teachers, n.e.c. ....	31.31	6.5	28.2	33.19	7.0	35.5	18.49	12.2	11.7
Substitute teachers .....	13.45	9.5	15.4	-	-	-	12.74	11.1	14.0
Vocational and educational counselors .....	23.53	7.6	36.8	23.60	8.2	38.2	-	-	-
Librarians, archivists, and curators .....	25.39	7.0	37.4	25.77	7.0	39.0	17.22	4.0	19.8
Librarians .....	26.53	7.3	37.4	27.01	7.5	39.2	17.37	4.1	19.8
Archivists and curators .....	17.45	14.0	37.8	17.51	14.1	38.1	-	-	-
Social scientists and urban planners .....	24.56	14.4	35.3	24.59	14.8	39.1	-	-	-
Economists .....	17.94	10.8	40.0	17.94	10.8	40.0	-	-	-
Psychologists .....	27.23	14.0	37.1	27.35	14.6	38.8	-	-	-
Urban planners .....	20.58	11.9	14.4	21.25	12.5	39.2	-	-	-

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar</b> —Continued									
<b>Professional specialty and technical</b> —Continued									
Professional specialty—Continued									
Social, recreation, and religious workers .....	\$18.26	4.3	37.3	\$18.32	4.4	39.1	\$16.95	5.6	18.1
Social workers .....	18.17	4.6	38.0	18.16	4.6	39.1	18.75	5.8	19.3
Recreation workers .....	18.72	8.8	28.8	—	—	—	12.46	3.1	15.1
Lawyers and judges .....	45.17	16.8	40.1	45.46	17.1	41.0	—	—	—
Lawyers .....	45.23	16.9	40.1	45.53	17.2	41.0	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	23.02	6.4	33.7	23.88	5.3	39.4	14.15	20.7	13.4
Technical writers .....	21.80	11.9	39.2	23.24	14.8	40.0	—	—	—
Designers .....	21.09	7.3	38.9	21.36	7.6	40.2	—	—	—
Musicians and composers .....	—	—	—	44.67	31.6	30.1	—	—	—
Actors and directors .....	29.97	27.6	37.1	33.68	14.8	38.8	—	—	—
Painters, sculptors, craft artists, and artist printmakers .....	18.35	14.8	38.4	19.29	15.7	39.5	—	—	—
Photographers .....	17.86	20.5	27.6	17.03	17.6	39.8	—	—	—
Editors and reporters .....	23.04	7.7	39.3	23.05	7.7	39.3	—	—	—
Public relations specialists .....	24.03	3.6	39.5	24.08	3.6	39.7	—	—	—
Announcers .....	15.37	28.1	24.9	—	—	—	—	—	—
Athletes .....	30.12	38.2	26.4	32.35	35.4	39.7	12.88	20.7	7.3
Professional, n.e.c. ....	28.95	9.2	37.2	29.12	9.3	39.4	—	—	—
Technical .....	20.20	2.1	35.7	20.61	2.2	39.2	16.58	8.4	19.8
Clinical laboratory technologists and technicians .....	17.14	3.7	37.3	16.95	3.9	39.8	19.86	7.1	19.7
Dental hygienists .....	25.03	7.4	22.6	28.86	7.2	33.5	21.81	4.2	17.8
Health record technologists and technicians .....	14.18	3.7	32.8	14.77	6.1	39.4	—	—	—
Radiological technicians .....	23.88	5.8	33.0	24.76	6.9	39.0	20.62	8.5	20.9
Licensed practical nurses .....	16.46	1.4	34.5	16.42	1.3	39.3	16.62	4.2	21.2
Health technologists and technicians, n.e.c. ....	15.92	6.5	34.5	16.77	6.9	40.3	12.21	10.3	21.2
Electrical and electronic technicians .....	23.89	3.5	39.4	23.98	3.7	39.9	—	—	—
Industrial engineering technicians .....	23.55	9.3	40.0	23.55	9.3	40.0	—	—	—
Mechanical engineering technicians .....	22.20	7.9	40.5	22.20	7.9	40.5	—	—	—
Engineering technicians, n.e.c. ....	23.64	5.1	39.1	23.79	4.9	39.7	—	—	—
Drafters .....	20.47	2.4	38.4	21.09	3.6	40.0	—	—	—
Surveying and mapping technicians .....	16.27	7.4	39.6	16.27	7.4	39.6	—	—	—
Biological technicians .....	15.57	6.8	39.6	15.57	6.8	39.6	—	—	—
Chemical technicians .....	20.17	4.5	39.8	20.17	4.5	39.8	—	—	—
Science technicians, n.e.c. ....	18.15	6.3	40.0	18.15	6.3	40.0	—	—	—
Airplane pilots and navigators .....	69.75	28.4	19.3	97.66	12.5	22.6	—	—	—
Broadcast equipment operators .....	14.67	7.2	29.6	15.52	7.1	37.7	—	—	—
Computer programmers .....	27.28	2.7	39.2	27.13	2.8	39.9	—	—	—
Legal assistants .....	25.14	10.6	36.5	25.17	8.3	38.8	—	—	—
Technical and related, n.e.c. ....	18.21	7.7	39.1	18.24	7.7	39.5	14.59	3.2	17.7
<b>Executive, administrative, and managerial</b> .....									
Executives, administrators, and managers .....	30.94	1.7	39.4	31.23	1.7	40.3	19.42	5.9	21.2
Legislators .....	34.81	2.6	40.2	34.92	2.6	40.6	21.35	6.5	18.1
Administrators and officials, public administration .....	21.14	32.2	8.4	—	—	—	18.80	41.0	6.6
Financial managers .....	32.08	4.5	38.5	32.47	4.5	39.1	—	—	—
Personnel and labor relations managers .....	31.94	6.1	40.7	31.93	6.1	40.8	—	—	—
Purchasing managers .....	46.90	10.8	42.9	46.90	10.8	42.9	—	—	—
Managers, marketing, advertising, and public relations .....	35.74	4.2	39.1	35.74	4.2	39.1	—	—	—
Administrators, education and related fields .....	40.88	6.1	41.0	40.88	6.1	41.0	—	—	—
Managers, medicine and health .....	38.41	5.7	39.5	38.43	5.7	39.7	—	—	—
Managers, food servicing and lodging establishments .....	38.04	14.8	39.4	38.24	14.8	39.6	—	—	—
Managers, properties and real estate .....	16.59	16.4	43.9	16.50	16.8	44.4	—	—	—
Managers, service organizations, n.e.c. ....	29.25	13.5	40.0	29.25	13.5	40.0	—	—	—
Managers and administrators, n.e.c. ....	26.19	9.0	37.5	26.44	9.0	40.0	15.42	36.3	10.1
Management related .....	35.39	4.3	40.6	35.47	4.1	40.6	—	—	—
	25.10	.7	38.3	25.42	.8	39.8	18.92	7.1	22.2

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar</b> —Continued									
<b>Executive, administrative, and managerial</b>									
—Continued									
Management related—Continued									
Accountants and auditors .....	\$23.80	2.4	37.1	\$24.18	2.2	40.0	\$20.80	3.3	23.7
Underwriters .....	22.18	8.5	38.8	22.18	8.5	38.8	—	—	—
Other financial officers .....	26.67	9.6	38.7	27.31	8.5	39.7	—	—	—
Management analysts .....	31.58	6.2	39.5	31.74	6.3	39.9	—	—	—
Personnel, training, and labor relations specialists .....	24.66	3.8	37.2	25.00	4.0	39.9	18.46	26.9	16.4
Buyers, wholesale and retail trade, except farm products .....	25.43	8.3	40.2	25.43	8.3	40.2	—	—	—
Purchasing agents and buyers, n.e.c. ....	26.02	4.2	40.3	26.02	4.2	40.3	—	—	—
Construction inspectors .....	24.19	10.5	39.4	24.20	10.5	39.6	—	—	—
Inspectors and compliance officers, except construction .....	22.31	5.1	39.4	22.31	5.1	39.4	—	—	—
Management related, n.e.c. ....	24.91	2.4	38.7	25.15	2.3	39.7	16.03	17.8	20.1
<b>Sales</b>									
Supervisors, sales .....	17.19	6.1	31.9	20.96	5.4	40.4	7.66	1.3	20.8
Supervisors, sales .....	17.31	4.7	41.3	17.35	4.6	41.4	—	—	—
Insurance sales .....	24.51	17.8	37.7	24.56	17.9	38.4	—	—	—
Real estate sales .....	21.97	22.5	39.5	21.97	22.5	39.5	—	—	—
Securities and financial services sales .....	77.36	6.5	40.8	77.53	6.7	40.9	—	—	—
Advertising and related sales .....	24.00	13.6	38.9	24.08	13.8	39.1	—	—	—
Sales, other business services .....	22.83	9.6	39.5	23.59	9.4	41.2	9.31	25.8	23.1
Sales engineers .....	31.94	21.0	40.7	31.94	21.0	40.7	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	28.15	7.3	40.0	28.26	7.2	40.5	—	—	—
Sales workers, motor vehicles and boats .....	16.53	8.3	43.2	16.68	8.7	44.9	—	—	—
Sales workers, apparel .....	8.42	7.2	24.6	—	—	—	7.47	2.7	22.5
Sales workers, furniture and home furnishings ..	10.53	6.6	27.9	12.24	5.1	42.9	8.80	1.2	20.7
Sales workers, hardware and building supplies ..	12.38	13.3	33.7	14.08	14.9	40.2	8.30	10.8	24.2
Sales workers, parts .....	13.70	11.3	33.1	14.48	11.5	40.1	9.65	11.3	17.3
Sales workers, other commodities .....	10.20	5.6	26.8	12.56	9.0	39.4	7.73	2.7	20.2
Sales counter clerks .....	9.51	6.1	27.6	10.57	10.9	40.4	7.69	3.2	17.8
Cashiers .....	7.88	2.3	27.2	8.41	3.0	39.3	7.33	2.4	20.7
Demonstrators, promoters, and models, sales ..	9.33	2.4	21.2	—	—	—	9.02	2.5	14.5
Sales support, n.e.c. ....	14.53	14.7	33.9	17.13	11.6	40.4	—	—	—
<b>Administrative support, including clerical</b>									
Supervisors, general office .....	13.87	1.2	36.5	14.18	1.3	39.3	10.72	2.7	21.2
Supervisors, general office .....	19.21	7.8	39.3	19.21	7.9	39.4	—	—	—
Supervisors, financial records processing .....	20.35	4.9	39.7	20.35	4.9	39.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks .....	21.48	12.6	39.7	21.56	12.6	40.1	—	—	—
Computer operators .....	16.24	3.4	38.8	16.38	3.1	39.6	—	—	—
Peripheral equipment operators .....	12.60	7.8	39.3	12.60	7.8	39.3	—	—	—
Secretaries .....	15.24	1.5	37.7	15.37	1.7	39.3	13.18	6.3	22.8
Stenographers .....	19.90	25.4	35.5	15.60	6.2	38.6	—	—	—
Typists .....	13.42	5.9	35.0	13.62	6.5	39.1	12.39	2.1	23.0
Interviewers .....	10.45	6.4	32.8	10.45	7.5	39.9	10.45	5.3	16.4
Hotel clerks .....	8.42	1.9	34.8	8.37	2.1	39.2	8.64	1.5	23.2
Transportation ticket and reservation agents .....	16.37	11.5	38.4	16.30	11.8	40.0	17.99	4.0	20.5
Receptionists .....	11.22	5.0	34.1	11.65	4.9	39.6	8.72	6.2	18.8
Information clerks, n.e.c. ....	13.86	8.3	39.0	13.92	8.5	39.7	10.38	3.8	18.4
Order clerks .....	13.57	2.3	37.1	14.07	2.5	40.0	10.59	8.9	26.0
Personnel clerks, except payroll and timekeeping .....	16.79	3.0	39.5	16.81	3.1	40.0	—	—	—
Library clerks .....	10.85	6.2	27.1	11.32	9.1	38.3	9.90	7.9	17.1
File clerks .....	9.74	3.6	29.0	10.47	1.9	39.8	8.40	4.7	19.4
Records clerks, n.e.c. ....	13.04	3.9	37.9	13.18	3.9	39.2	10.79	2.6	24.5
Bookkeepers, accounting and auditing clerks ...	13.85	2.8	37.4	13.93	2.8	39.2	11.18	8.2	15.0
Payroll and timekeeping clerks .....	15.88	5.1	38.0	16.11	4.9	39.7	11.83	17.2	21.5
Billing clerks .....	14.19	2.6	38.7	14.20	2.5	39.4	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar</b> —Continued									
<b>Administrative support, including clerical</b> —Continued									
Billing, posting, and calculating machine operators .....	\$12.02	10.0	31.4	\$12.56	11.5	40.0	—	—	—
Duplicating machine operators .....	14.30	4.3	39.7	14.30	4.3	39.7	—	—	—
Office machine operators, n.e.c. ....	11.05	2.3	39.9	11.05	2.3	39.9	—	—	—
Telephone operators .....	12.50	17.5	34.6	12.84	17.5	39.3	\$10.16	5.5	19.0
Mail clerks, except postal service .....	11.63	8.7	35.6	11.98	9.3	38.7	—	—	—
Messengers .....	8.85	11.9	18.9	—	—	—	—	—	—
Dispatchers .....	14.37	5.1	38.6	14.61	5.5	40.3	—	—	—
Production coordinators .....	18.94	7.6	39.5	18.94	7.6	39.5	—	—	—
Traffic, shipping and receiving clerks .....	13.10	5.5	39.3	13.15	5.6	40.0	10.61	7.1	21.3
Stock and inventory clerks .....	13.48	4.6	34.8	14.09	5.0	39.7	9.70	9.8	19.8
Meter readers .....	14.01	4.1	22.9	14.49	2.2	40.0	—	—	—
Weighers, measurers, checkers, and samplers .....	15.59	12.9	39.9	15.61	13.0	40.0	—	—	—
Expeditors .....	14.59	19.1	32.9	17.19	9.4	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c. ....	14.81	9.7	35.7	15.47	9.3	39.8	8.83	6.1	18.6
Insurance adjusters, examiners, and investigators .....	16.54	4.1	38.4	16.50	4.1	38.9	—	—	—
Investigators and adjusters, except insurance ...	14.29	4.5	36.6	14.79	4.1	39.7	10.56	11.5	23.3
Eligibility clerks, social welfare .....	13.91	7.8	40.0	13.91	7.8	40.0	—	—	—
Bill and account collectors .....	14.06	7.4	37.6	14.58	8.4	39.6	—	—	—
General office clerks .....	12.75	2.0	34.9	13.10	3.5	39.0	10.72	7.2	21.5
Bank tellers .....	10.11	2.0	35.2	10.24	2.3	39.6	9.34	3.7	21.4
Data entry keyers .....	11.80	13.9	37.3	12.11	15.2	39.5	10.27	12.4	29.2
Statistical clerks .....	12.61	6.1	34.9	13.02	5.5	40.0	—	—	—
Teachers' aides .....	11.74	5.4	32.6	12.05	6.4	34.9	10.48	5.0	25.6
Administrative support, n.e.c. ....	14.04	2.5	36.1	14.37	2.4	39.1	10.60	3.0	20.0
<b>Blue collar</b> .....	15.87	1.8	38.0	16.28	1.7	40.0	9.49	3.0	21.6
<b>Precision production, craft, and repair</b> .....									
Supervisors, mechanics and repairers .....	19.99	1.7	39.6	20.05	1.7	40.0	14.95	19.2	21.7
Automobile mechanics .....	25.52	5.7	40.1	25.64	5.7	40.3	—	—	—
Bus, truck, and stationary engine mechanics ....	16.06	7.1	40.8	16.06	7.1	40.8	—	—	—
Automobile body and related repairers .....	18.38	4.3	39.7	18.39	4.3	40.0	—	—	—
Heavy equipment mechanics .....	15.77	3.8	40.3	15.77	3.8	40.3	—	—	—
Industrial machinery repairers .....	20.04	12.9	39.7	20.04	12.9	39.7	—	—	—
Machinery maintenance .....	21.72	3.3	40.0	21.73	3.3	40.0	—	—	—
Electronic repairers, communications and industrial equipment .....	16.06	10.4	38.0	16.06	10.4	38.0	—	—	—
Household appliance and power tool repairers .....	21.18	11.5	39.9	21.18	11.5	39.9	—	—	—
Telephone installers and repairers .....	15.90	15.4	35.0	15.98	16.7	37.6	—	—	—
Heating, air conditioning, and refrigeration mechanics .....	19.12	9.9	40.0	19.12	9.9	40.0	—	—	—
Office machine repairers .....	15.83	4.4	40.0	15.83	4.4	40.0	—	—	—
Mechanical controls and valve repairers .....	15.46	7.5	40.0	15.46	7.5	40.0	—	—	—
Millwrights .....	20.51	5.5	37.1	21.40	5.3	40.0	—	—	—
Mechanics and repairers, n.e.c. ....	25.80	3.9	40.0	25.80	3.9	40.0	—	—	—
Supervisors, carpenters and related workers ....	16.23	4.3	38.9	16.45	4.1	40.0	—	—	—
Supervisors, electricians and power transmission installers .....	28.22	5.8	40.0	28.22	5.8	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters .....	31.43	3.4	41.8	31.43	3.4	41.8	—	—	—
Supervisors, construction trades, n.e.c. ....	26.71	12.4	40.0	26.71	12.4	40.0	—	—	—
Brickmasons and stonemasons .....	25.41	6.9	40.8	25.41	6.9	40.8	—	—	—
Carpenters .....	25.97	3.6	34.5	26.21	4.1	40.0	—	—	—
Electricians .....	20.19	10.0	39.9	20.19	10.0	39.9	—	—	—
Electrician apprentices .....	24.38	6.2	39.5	24.41	6.2	40.0	—	—	—
Electrical power installers and repairers .....	13.81	4.5	39.7	13.81	4.5	39.7	—	—	—
Painters, construction and maintenance .....	25.88	3.0	40.0	25.88	3.0	40.0	—	—	—
	16.49	10.4	39.7	16.49	10.4	39.7	—	—	—

See footnotes at end of table.



TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003–Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar –Continued</b>									
<b>Precision production, craft, and repair –Continued</b>									
Plumbers, pipefitters and steamfitters .....	\$24.52	4.1	39.5	\$24.67	4.3	39.9	–	–	–
Concrete and terrazzo finishers .....	24.32	5.4	40.0	24.32	5.4	40.0	–	–	–
Roofers .....	19.69	9.3	40.0	19.69	9.3	40.0	–	–	–
Sheet metal duct installers .....	25.63	12.5	40.0	25.63	12.5	40.0	–	–	–
Structural metal workers .....	20.40	9.0	40.0	20.40	9.0	40.0	–	–	–
Construction trades, n.e.c. ....	18.84	14.4	39.8	18.84	14.4	39.8	–	–	–
Supervisors, production .....	22.24	3.6	40.5	22.38	3.5	40.4	–	–	–
Tool and die makers .....	23.23	3.1	40.1	23.23	3.1	40.1	–	–	–
Tool and die maker apprentices .....	18.44	4.7	39.7	18.44	4.7	39.7	–	–	–
Precision assemblers, metal .....	20.56	7.1	40.0	20.56	7.1	40.0	–	–	–
Machinists .....	18.76	4.2	39.6	18.82	4.5	40.0	–	–	–
Precision grinders, filers, and tool sharpeners ...	16.71	13.0	40.0	16.71	13.0	40.0	–	–	–
Patternmakers and modelmakers, metal .....	22.18	12.9	40.0	22.18	12.9	40.0	–	–	–
Sheet metal workers .....	18.62	6.3	38.3	18.62	6.3	38.3	–	–	–
Cabinet makers and bench carpenters .....	14.95	6.7	40.0	14.95	6.7	40.0	–	–	–
Dental laboratory and medical appliance technicians .....	13.72	2.2	40.0	13.72	2.2	40.0	–	–	–
Electrical and electronic equipment assemblers	10.65	11.3	40.0	10.65	11.3	40.0	–	–	–
Miscellaneous precision workers, n.e.c. ....	12.14	15.9	40.0	12.14	15.9	40.0	–	–	–
Butchers and meat cutters .....	10.62	13.0	39.6	10.65	13.2	40.0	–	–	–
Bakers .....	10.98	7.1	32.0	11.80	8.0	37.7	\$7.80	6.2	20.1
Food batchmakers .....	13.35	15.4	40.0	13.35	15.4	40.0	–	–	–
Inspectors, testers, and graders .....	18.26	6.6	39.9	18.26	6.6	39.9	–	–	–
Water and sewer treatment plant operators .....	19.21	3.8	40.0	19.21	3.8	40.0	–	–	–
Stationary engineers .....	26.45	7.1	39.5	26.45	7.1	39.5	–	–	–
Miscellaneous plant and system operators, n.e.c. ....	19.58	6.5	40.0	19.58	6.5	40.0	–	–	–
<b>Machine operators, assemblers, and inspectors .....</b>									
Lathe and turning-machine set-up operators .....	14.65	2.1	39.2	14.76	2.1	39.9	9.17	5.4	22.2
Lathe and turning-machine operators .....	17.54	6.4	39.9	17.54	6.4	39.9	–	–	–
Milling and planing machine operators .....	17.02	8.3	39.3	17.22	8.2	40.0	–	–	–
Punching and stamping press operators .....	15.55	5.9	40.0	15.55	5.9	40.0	–	–	–
Rolling machine operators .....	12.82	12.0	37.1	13.23	10.8	40.0	–	–	–
Drilling and boring machine operators .....	14.98	2.9	40.0	14.98	2.9	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators .....	11.41	13.5	40.0	11.41	13.5	40.0	–	–	–
Forging machine operators .....	14.09	6.6	38.6	14.29	6.3	39.9	–	–	–
Numerical control machine operators .....	16.43	15.8	40.0	16.43	15.8	40.0	–	–	–
Fabricating machine operators, n.e.c. ....	16.01	5.8	40.0	16.01	5.8	40.0	–	–	–
Molding and casting machine operators .....	17.08	3.0	39.9	17.08	3.0	39.9	–	–	–
Metal plating machine operators .....	12.25	4.6	39.4	12.29	4.7	40.0	–	–	–
Heat treating equipment operators .....	13.73	6.6	39.4	13.73	6.6	39.4	–	–	–
Sawing machine operators .....	17.05	5.8	40.0	17.05	5.8	40.0	–	–	–
Printing press operators .....	11.92	7.5	40.0	11.92	7.5	40.0	–	–	–
Photoengravers and lithographers .....	15.80	5.3	39.2	15.84	5.3	39.6	–	–	–
Typesetters and compositors .....	15.54	9.1	38.2	15.64	9.4	39.1	–	–	–
Textile sewing machine operators .....	12.22	23.1	27.9	–	–	–	–	–	–
Pressing machine operators .....	13.15	15.3	39.6	13.32	15.5	40.0	–	–	–
Laundry and dry cleaning machine operators	9.28	5.9	38.7	9.27	6.3	40.0	–	–	–
Packaging and filling machine operators .....	8.76	4.8	34.2	9.10	4.4	38.9	6.48	5.1	19.0
Extruding and forming machine operators .....	14.47	6.7	39.1	14.56	6.7	39.9	–	–	–
Mixing and blending machine operators .....	13.64	5.5	38.8	13.64	5.5	38.8	–	–	–
Separating, filtering, and clarifying machine operators .....	17.74	13.6	39.9	17.74	13.6	39.9	–	–	–
Compressing and compacting machine operators .....	20.95	5.9	40.0	20.95	5.9	40.0	–	–	–
Painting and paint spraying machine operators	11.92	8.7	39.8	11.92	8.7	39.8	–	–	–
Roasting and baking machine operators, food ..	13.60	9.4	39.9	13.60	9.4	39.9	–	–	–
Folding machine operators .....	13.45	17.6	40.0	13.45	17.6	40.0	–	–	–
Furnace, kiln, and oven operators, except food	14.21	7.1	40.0	14.21	7.1	40.0	–	–	–
	15.20	17.0	40.0	15.20	17.0	40.0	–	–	–

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Machine operators, assemblers, and inspectors—Continued</b>									
Slicing and cutting machine operators .....	\$14.72	7.1	41.2	\$15.23	5.4	40.0	—	—	—
Photographic process machine operators .....	12.18	13.1	39.4	12.23	13.5	40.0	—	—	—
Miscellaneous machine operators, n.e.c. ....	14.84	3.6	39.3	14.90	3.7	39.7	\$11.91	8.8	25.8
Welders and cutters .....	16.66	4.4	39.9	16.66	4.4	39.9	—	—	—
Assemblers .....	15.26	8.1	39.5	15.32	8.0	39.9	11.00	18.7	22.3
Hand molding, casting, and forming .....	13.82	11.3	40.0	13.82	11.3	40.0	—	—	—
Hand painting, coating, and decorating .....	11.36	6.9	36.2	11.36	6.9	36.2	—	—	—
Miscellaneous hand working, n.e.c. ....	11.60	6.3	39.1	11.62	6.3	39.3	—	—	—
Production inspectors, checkers and examiners	15.32	5.1	39.6	15.37	5.1	39.8	—	—	—
Production testers .....	14.01	7.1	39.6	14.01	7.1	39.6	—	—	—
Graders and sorters, except agricultural .....	10.95	4.9	40.0	10.95	4.9	40.0	—	—	—
<b>Transportation and material moving</b>									
Supervisors, motor vehicle operators .....	16.16	2.4	37.5	16.81	2.3	40.6	9.76	4.0	21.3
Truckdrivers .....	19.59	11.9	44.5	19.59	11.9	44.5	—	—	—
Driver-sales workers .....	16.59	3.4	39.8	17.00	3.3	41.4	9.30	4.8	23.4
Busdrivers .....	10.27	13.8	26.2	14.41	12.9	40.1	7.43	10.8	21.1
Taxicab drivers and chauffeurs .....	15.25	2.5	28.9	15.82	3.8	36.5	14.19	3.2	20.8
Motor transportation, n.e.c. ....	9.35	16.8	30.1	—	—	—	—	—	—
Supervisors, material moving equipment .....	9.27	9.3	21.3	14.80	14.1	38.7	6.83	6.3	17.8
Operating engineers .....	20.32	2.4	42.7	20.32	2.4	42.7	—	—	—
Crane and tower operators .....	25.58	2.9	38.8	25.58	2.9	38.8	—	—	—
Excavating and loading machine operators .....	14.51	5.4	40.0	14.51	5.4	40.0	—	—	—
Grader, dozer, and scraper operators .....	15.99	16.0	40.0	15.99	16.0	40.0	—	—	—
Industrial truck and tractor equipment operators	19.67	15.7	40.0	19.67	15.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	15.09	4.8	39.7	15.15	4.8	39.8	11.62	20.6	33.4
<b>Handlers, equipment cleaners, helpers, and laborers</b>									
Nursery workers .....	12.21	3.4	34.4	12.93	3.9	39.7	9.01	2.0	21.6
Supervisors, agriculture-related workers .....	8.29	6.3	24.9	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...	15.97	15.1	41.6	15.97	15.1	41.6	—	—	—
Animal caretakers, except farm .....	11.10	5.9	35.8	11.75	7.0	39.6	8.23	5.9	25.2
Supervisors, handlers, equipment cleaners, and laborers, n.e.c. ....	11.74	19.4	30.8	13.10	19.4	37.6	—	—	—
Helpers, mechanics and repairers .....	19.50	5.8	39.6	19.63	6.3	40.3	—	—	—
Helpers, construction trades .....	11.57	16.8	35.4	12.30	14.7	39.5	—	—	—
Construction laborers .....	15.92	10.4	37.4	16.23	10.4	39.1	—	—	—
Production helpers .....	19.46	3.2	37.1	19.05	3.5	39.8	—	—	—
Stock handlers and baggers .....	12.25	4.2	38.7	12.40	3.2	39.6	—	—	—
Machine feeders and offbearers .....	10.61	3.7	28.8	12.38	3.7	39.7	7.65	2.8	19.7
Freight, stock, and material handlers, n.e.c. ....	11.50	9.3	38.0	11.70	9.2	39.9	—	—	—
Garage and service station related .....	13.30	5.4	34.5	13.66	6.1	39.6	11.77	3.4	22.3
Vehicle washers and equipment cleaners .....	8.82	7.4	37.9	8.96	8.0	39.9	—	—	—
Hand packers and packagers .....	10.58	9.3	32.4	11.79	10.0	39.8	6.44	6.0	19.9
Laborers, except construction, n.e.c. ....	9.95	9.2	37.8	10.05	10.1	39.8	8.89	3.9	24.7
<b>Service</b> .....	11.76	9.4	35.3	12.60	11.3	40.0	8.76	8.4	25.0
Protective service .....	10.56	2.2	30.2	11.96	2.3	38.9	7.13	2.0	19.6
Supervisors, firefighters and fire prevention .....	17.55	3.9	36.6	18.23	3.5	40.8	10.16	9.3	17.3
Supervisors, police and detectives .....	22.03	7.6	49.3	22.03	7.6	49.3	—	—	—
Supervisors, guards .....	28.62	10.2	40.1	28.62	10.2	40.1	—	—	—
Firefighting .....	17.75	18.7	39.7	17.75	18.7	39.7	—	—	—
Police and detectives, public service .....	19.70	2.4	45.8	19.81	2.2	49.8	13.23	14.0	7.8
Sheriffs, bailiffs, and other law enforcement officers .....	23.91	1.2	38.8	24.00	1.2	39.9	15.46	9.3	11.5
Correctional institution officers .....	17.88	4.4	39.8	17.89	4.4	39.9	—	—	—
Crossing guards .....	17.94	5.3	38.4	18.13	5.0	39.2	—	—	—
	8.40	7.9	13.3	—	—	—	8.40	7.9	13.3

See footnotes at end of table.

TABLE 3. Selected occupations, East North Central: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service —Continued</b>									
Protective service —Continued									
Guards and police, except public service .....	\$10.23	4.2	32.9	\$10.12	3.5	39.1	\$10.77	10.1	19.0
Protective service, n.e.c. ....	11.65	16.0	26.8	13.75	10.7	37.5	7.70	8.6	17.4
Food service .....									
Waiters, waitresses, and bartenders .....	7.34	1.2	26.4	8.64	3.3	38.1	6.03	1.9	20.1
Bartenders .....	4.34	3.0	23.6	4.75	7.6	36.4	4.10	4.4	19.5
Waiters and waitresses .....	6.67	3.8	23.9	7.07	2.5	35.6	6.32	5.9	18.6
Waiters'/Waitresses' assistants .....	3.26	5.5	23.6	3.14	9.9	36.0	3.32	6.1	20.1
Other food service .....	6.02	7.6	23.7	—	—	—	5.41	8.8	18.1
Supervisors, food preparation and service .....	8.50	.9	27.7	9.65	1.6	38.5	7.07	1.5	20.5
Cooks .....	11.91	5.5	38.9	11.91	5.7	40.0	12.03	13.4	25.3
Kitchen workers, food preparation .....	9.47	2.2	32.4	9.94	2.3	37.9	7.75	2.9	21.2
Food preparation, n.e.c. ....	7.59	3.0	27.1	8.14	3.9	39.0	7.11	4.0	21.5
Health service .....									
Health aides, except nursing .....	7.45	2.5	24.2	8.38	1.7	37.5	6.97	2.5	20.4
Nursing aides, orderlies, and attendants .....	10.71	2.3	34.2	10.88	2.7	39.0	9.70	2.8	19.6
Cleaning and building service .....	11.51	4.3	33.6	11.83	4.1	39.4	10.05	5.3	20.2
Supervisors, cleaning and building service workers .....	10.05	2.2	33.7	10.15	2.9	39.0	9.55	2.6	19.6
Maids and housemen .....	10.84	3.9	33.1	11.37	3.1	39.0	8.37	9.3	19.3
Janitors and cleaners .....	15.98	4.9	39.1	16.05	5.0	39.8	—	—	—
Personal service .....	8.39	4.0	32.1	8.16	3.1	37.1	9.62	17.6	18.5
Supervisors, personal service .....	11.17	4.3	33.0	11.89	2.8	39.4	8.11	10.4	19.5
Hairdressers and cosmetologists .....	10.86	2.4	27.2	12.00	2.4	36.7	8.67	4.8	18.2
Attendants, amusement and recreation facilities .....	11.78	16.3	37.7	11.75	17.4	39.3	—	—	—
Ushers .....	16.25	16.8	27.1	17.51	16.1	38.9	14.22	27.2	18.2
Public transportation attendants .....	6.81	4.5	25.3	6.79	3.9	39.8	6.81	6.3	22.2
Baggage porters and bellhops .....	6.77	5.0	16.3	—	—	—	6.77	5.0	16.3
Welfare service aides .....	32.58	3.4	17.0	33.54	3.5	18.2	—	—	—
Early childhood teachers' assistants .....	9.45	30.3	35.1	—	—	—	—	—	—
Childcare workers, n.e.c. ....	9.69	4.3	28.8	10.25	5.8	38.4	8.44	3.0	18.5
Service, n.e.c. ....	9.34	6.7	32.1	9.46	5.9	37.8	8.73	12.3	18.1
	11.26	5.3	26.7	12.15	5.6	39.0	8.24	3.1	12.9
	10.15	5.5	26.7	11.14	6.3	38.7	8.63	2.9	18.1

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

<sup>5</sup> 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 earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
All .....	\$17.16	1.8	35.4	\$18.29	1.6	39.8	\$9.56	1.5	20.3
All, excluding sales .....	17.16	1.6	35.8	18.07	1.5	39.7	10.04	1.8	20.2
<b>White collar</b> .....	20.87	1.7	35.8	22.07	1.5	39.9	12.03	2.7	20.3
White collar, excluding sales .....	21.77	1.2	36.8	22.28	1.3	39.8	15.80	2.3	20.0
<b>Professional specialty and technical</b> .....	26.36	2.6	35.8	26.84	3.0	39.7	21.63	4.8	18.3
Professional specialty .....	28.96	3.6	35.9	29.40	3.9	39.8	24.27	4.6	17.6
Engineers, architects, and surveyors .....	32.23	1.9	40.5	32.20	1.9	40.6	—	—	—
Metallurgical and materials engineers .....	36.40	7.6	40.0	36.40	7.6	40.0	—	—	—
Civil engineers .....	27.12	3.1	41.1	27.12	3.1	41.1	—	—	—
Electrical and electronic engineers .....	33.48	3.3	40.5	33.48	3.3	40.5	—	—	—
Industrial engineers .....	29.51	4.7	40.5	29.55	4.7	40.7	—	—	—
Mechanical engineers .....	30.15	3.2	41.0	30.21	3.2	41.0	—	—	—
Engineers, n.e.c. ....	36.14	1.9	40.0	36.14	1.9	40.0	—	—	—
Mathematical and computer scientists .....	32.17	1.8	40.0	32.17	1.8	40.0	—	—	—
Computer systems analysts and scientists .....	32.13	1.9	40.0	32.13	1.9	40.0	—	—	—
Operations and systems researchers and analysts .....	33.87	4.8	39.7	33.87	4.8	39.7	—	—	—
Natural scientists .....	34.66	5.7	39.4	34.77	5.8	39.7	—	—	—
Chemists, except biochemists .....	32.07	5.4	39.7	32.07	5.4	39.7	—	—	—
Biological and life scientists .....	44.12	26.6	40.0	44.12	26.6	40.0	—	—	—
Medical scientists .....	35.39	9.5	38.4	35.79	9.8	39.3	—	—	—
Health related .....	28.34	4.1	32.1	28.57	5.0	39.5	27.53	3.9	19.2
Physicians .....	61.68	10.8	39.0	60.97	11.9	44.5	72.55	4.6	13.4
Registered nurses .....	25.00	2.0	31.2	24.79	2.2	38.9	25.65	4.0	19.7
Pharmacists .....	40.07	1.8	33.4	39.98	2.1	40.0	40.44	2.8	19.7
Dietitians .....	20.65	6.4	36.3	20.67	6.8	39.8	—	—	—
Respiratory therapists .....	21.32	6.1	36.7	21.36	6.2	39.6	—	—	—
Occupational therapists .....	22.65	8.3	34.0	21.77	8.5	39.4	30.01	8.3	15.8
Physical therapists .....	28.14	4.3	34.3	27.40	5.1	39.7	36.79	12.0	13.2
Speech therapists .....	25.75	5.1	29.7	24.42	5.6	40.0	29.12	4.6	17.9
Therapists, n.e.c. ....	18.92	7.6	35.0	18.97	8.1	40.0	—	—	—
Physicians' assistants .....	22.48	21.4	38.4	—	—	—	—	—	—
Teachers, college and university .....	44.62	7.6	35.9	45.48	7.5	39.7	28.65	7.8	12.7
Biological science teachers .....	62.95	21.7	42.3	62.95	21.7	42.3	—	—	—
Chemistry teachers .....	34.07	17.6	32.6	—	—	—	—	—	—
Mathematical science teachers .....	46.53	8.7	40.2	46.55	8.7	40.3	—	—	—
Business, commerce, and marketing teachers ..	34.04	12.3	16.5	—	—	—	—	—	—
Art, drama, and music teachers .....	40.18	20.6	25.1	—	—	—	30.51	8.0	13.9
Education teachers .....	30.64	8.0	36.2	31.26	8.1	38.9	—	—	—
English teachers .....	28.19	6.2	36.5	—	—	—	—	—	—
Other post-secondary teachers .....	39.02	15.5	32.7	40.27	15.0	37.2	—	—	—
Teachers, except college and university .....	19.14	5.2	29.9	20.51	4.7	38.1	11.22	28.0	13.4
Prekindergarten and kindergarten .....	10.83	17.8	33.9	11.90	15.8	38.3	—	—	—
Elementary school teachers .....	21.72	4.8	36.4	21.70	4.8	36.9	22.87	8.9	19.7
Secondary school teachers .....	26.93	2.9	37.9	26.96	2.9	38.1	—	—	—
Teachers, n.e.c. ....	22.94	10.6	19.5	27.43	6.0	38.5	13.74	31.6	9.7
Substitute teachers .....	8.85	14.2	13.9	—	—	—	8.85	14.2	13.9
Vocational and educational counselors .....	16.55	15.8	39.5	16.57	16.0	39.9	—	—	—
Librarians, archivists, and curators .....	24.90	18.4	38.4	25.21	18.6	39.6	—	—	—
Librarians .....	26.14	19.9	38.1	26.57	20.1	39.6	—	—	—
Social scientists and urban planners .....	21.24	14.6	36.3	21.04	15.5	39.3	—	—	—
Economists .....	18.06	11.9	40.0	18.06	11.9	40.0	—	—	—
Psychologists .....	21.16	18.8	36.4	20.87	20.6	38.9	—	—	—
Social, recreation, and religious workers .....	16.24	4.3	37.3	16.15	4.3	39.3	17.84	5.3	19.7
Social workers .....	15.68	3.6	37.5	15.56	3.6	39.2	18.37	6.8	19.1
Recreation workers .....	19.10	7.6	34.0	—	—	—	—	—	—
Lawyers and judges .....	46.92	22.0	42.2	46.92	22.0	42.2	—	—	—
Lawyers .....	46.92	22.0	42.2	46.92	22.0	42.2	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	21.70	7.5	33.4	22.49	7.3	39.3	14.22	21.3	13.7
Technical writers .....	21.80	11.9	39.2	23.24	14.8	40.0	—	—	—
Designers .....	21.03	7.1	39.0	21.27	7.4	40.2	—	—	—
Musicians and composers .....	—	—	—	44.67	31.6	30.1	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003–Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar –Continued</b>									
<b>Professional specialty and technical –Continued</b>									
Professional specialty –Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued									
Actors and directors .....	\$29.97	27.6	37.1	\$33.68	14.8	38.8	–	–	–
Painters, sculptors, craft artists, and artist printmakers .....	18.35	14.8	38.4	19.29	15.7	39.5	–	–	–
Photographers .....	17.86	20.5	27.6	17.03	17.6	39.8	–	–	–
Editors and reporters .....	23.12	7.7	39.3	23.12	7.7	39.3	–	–	–
Public relations specialists .....	24.52	4.0	39.2	24.60	4.1	39.6	–	–	–
Announcers .....	15.37	28.1	24.9	–	–	–	–	–	–
Athletes .....	14.64	19.7	21.7	15.01	23.6	39.3	\$13.18	21.0	7.8
Professional, n.e.c. ....	27.43	9.9	36.4	27.53	10.4	39.3	–	–	–
Technical .....	20.32	2.0	35.5	20.76	2.1	39.3	16.60	8.6	19.7
Clinical laboratory technologists and technicians .....	17.20	3.7	37.3	17.00	3.9	39.8	20.08	7.6	19.6
Dental hygienists .....	25.45	7.4	22.1	30.41	3.3	32.7	21.81	4.2	17.8
Health record technologists and technicians .....	13.72	3.9	32.2	14.26	7.1	39.3	–	–	–
Radiological technicians .....	23.96	5.9	32.9	24.86	7.0	39.0	20.62	8.9	20.8
Licensed practical nurses .....	16.45	1.2	34.2	16.41	1.1	39.2	16.70	4.9	20.6
Health technologists and technicians, n.e.c. ....	15.96	6.9	34.3	16.90	7.4	40.3	12.14	10.2	21.3
Electrical and electronic technicians .....	23.91	3.5	39.5	24.00	3.6	39.9	–	–	–
Industrial engineering technicians .....	23.55	9.3	40.0	23.55	9.3	40.0	–	–	–
Mechanical engineering technicians .....	22.20	7.9	40.5	22.20	7.9	40.5	–	–	–
Engineering technicians, n.e.c. ....	23.86	5.5	39.5	24.00	5.2	40.0	–	–	–
Drafters .....	20.47	2.4	38.4	21.09	3.6	40.0	–	–	–
Biological technicians .....	15.64	7.2	39.5	15.64	7.2	39.5	–	–	–
Chemical technicians .....	20.22	4.7	39.7	20.22	4.7	39.7	–	–	–
Science technicians, n.e.c. ....	18.28	7.3	40.0	18.28	7.3	40.0	–	–	–
Airplane pilots and navigators .....	69.75	28.4	19.3	97.66	12.5	22.6	–	–	–
Broadcast equipment operators .....	14.90	8.3	29.5	15.80	7.7	37.6	–	–	–
Computer programmers .....	26.77	4.0	39.1	26.59	4.2	39.8	–	–	–
Legal assistants .....	25.91	13.0	36.6	25.95	10.6	38.7	–	–	–
Technical and related, n.e.c. ....	17.76	8.3	39.5	17.78	8.4	40.0	–	–	–
<b>Executive, administrative, and managerial</b> .....	30.65	1.9	39.6	30.97	1.8	40.5	19.27	6.2	22.1
Executives, administrators, and managers .....	34.30	2.9	40.5	34.41	2.9	40.8	21.18	7.0	21.8
Financial managers .....	31.94	6.2	40.7	31.93	6.2	40.8	–	–	–
Personnel and labor relations managers .....	46.67	10.9	43.1	46.67	10.9	43.1	–	–	–
Purchasing managers .....	35.79	4.2	39.1	35.79	4.2	39.1	–	–	–
Managers, marketing, advertising, and public relations .....	40.98	6.2	41.0	40.98	6.2	41.0	–	–	–
Administrators, education and related fields .....	28.83	10.0	41.3	28.86	10.2	41.9	–	–	–
Managers, medicine and health .....	31.70	9.7	39.9	31.84	9.7	40.1	–	–	–
Managers, food servicing and lodging establishments .....	16.43	17.8	44.5	16.46	17.9	44.7	–	–	–
Managers, service organizations, n.e.c. ....	25.53	10.9	37.3	25.76	10.8	40.0	–	–	–
Managers and administrators, n.e.c. ....	35.53	4.5	40.5	35.61	4.4	40.6	–	–	–
Management related .....	25.29	.9	38.2	25.67	.9	39.9	18.84	7.5	22.2
Accountants and auditors .....	23.79	2.3	36.9	24.23	2.3	40.2	20.80	3.3	23.7
Underwriters .....	22.18	8.5	38.8	22.18	8.5	38.8	–	–	–
Other financial officers .....	26.82	10.1	38.6	27.52	9.0	39.7	–	–	–
Management analysts .....	31.84	7.0	39.5	32.04	7.2	39.9	–	–	–
Personnel, training, and labor relations specialists .....	24.87	3.4	37.1	25.25	3.7	40.0	18.42	27.8	16.5
Buyers, wholesale and retail trade, except farm products .....	25.52	8.4	40.3	25.52	8.4	40.3	–	–	–
Purchasing agents and buyers, n.e.c. ....	26.08	4.4	40.3	26.08	4.4	40.3	–	–	–
Inspectors and compliance officers, except construction .....	24.50	7.7	39.8	24.50	7.7	39.8	–	–	–
Management related, n.e.c. ....	24.83	2.3	38.7	25.09	2.2	39.7	14.96	18.4	19.4

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar —Continued</b>									
<b>Sales</b> .....	\$17.20	6.1	31.9	\$20.96	5.5	40.4	\$7.65	1.2	20.8
Supervisors, sales .....	17.31	4.7	41.3	17.35	4.6	41.4	—	—	—
Insurance sales .....	24.51	17.8	37.7	24.56	17.9	38.4	—	—	—
Real estate sales .....	21.97	22.5	39.5	21.97	22.5	39.5	—	—	—
Securities and financial services sales .....	77.36	6.5	40.8	77.53	6.7	40.9	—	—	—
Advertising and related sales .....	23.99	13.6	38.8	24.08	13.9	39.1	—	—	—
Sales, other business services .....	22.83	9.6	39.5	23.59	9.4	41.2	9.31	25.8	23.1
Sales engineers .....	31.94	21.0	40.7	31.94	21.0	40.7	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	28.15	7.3	40.0	28.26	7.2	40.5	—	—	—
Sales workers, motor vehicles and boats .....	16.53	8.3	43.2	16.68	8.7	44.9	—	—	—
Sales workers, apparel .....	8.42	7.2	24.6	—	—	—	7.47	2.7	22.5
Sales workers, furniture and home furnishings ..	10.53	6.6	27.9	12.24	5.1	42.9	8.80	1.2	20.7
Sales workers, hardware and building supplies ..	12.38	13.3	33.7	14.08	14.9	40.2	8.30	10.8	24.2
Sales workers, parts .....	13.70	11.3	33.1	14.48	11.5	40.1	9.65	11.3	17.3
Sales workers, other commodities .....	10.20	5.6	26.8	12.56	9.0	39.4	7.73	2.7	20.2
Sales counter clerks .....	9.51	6.1	27.6	10.57	10.9	40.4	7.69	3.2	17.8
Cashiers .....	7.84	2.1	27.2	8.37	3.0	39.3	7.30	2.1	20.7
Demonstrators, promoters, and models, sales ..	9.34	2.4	21.4	—	—	—	—	—	—
Sales support, n.e.c. ....	14.47	14.7	33.9	17.08	11.7	40.4	—	—	—
<b>Administrative support, including clerical</b> .....	13.80	1.5	36.5	14.13	1.6	39.5	10.66	3.0	21.2
Supervisors, general office .....	19.25	8.6	39.3	19.25	8.7	39.4	—	—	—
Supervisors, financial records processing .....	20.36	5.1	39.7	20.36	5.1	39.7	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks .....	20.90	13.2	40.3	20.99	13.4	40.9	—	—	—
Computer operators .....	16.28	4.3	39.0	16.44	3.8	39.8	—	—	—
Peripheral equipment operators .....	12.26	8.9	39.1	12.26	8.9	39.1	—	—	—
Secretaries .....	15.57	2.4	37.6	15.74	2.6	39.5	13.32	6.9	23.4
Stenographers .....	20.64	30.8	35.2	15.14	8.3	39.3	—	—	—
Typists .....	13.57	7.2	33.5	13.87	8.5	39.0	—	—	—
Interviewers .....	10.42	6.3	33.1	10.42	7.4	40.0	10.40	5.7	16.4
Hotel clerks .....	8.42	1.9	34.8	8.37	2.1	39.2	8.64	1.5	23.2
Transportation ticket and reservation agents .....	16.37	11.5	38.4	16.30	11.8	40.0	17.99	4.0	20.5
Receptionists .....	11.19	5.1	34.1	11.62	5.1	39.6	8.70	6.4	18.8
Information clerks, n.e.c. ....	13.86	8.7	39.0	13.91	8.9	39.7	—	—	—
Order clerks .....	13.56	2.3	37.1	14.07	2.5	40.0	10.59	9.0	26.0
Personnel clerks, except payroll and timekeeping .....	15.95	2.9	39.4	15.93	3.0	40.1	—	—	—
Library clerks .....	12.00	8.3	29.2	13.11	7.6	38.5	9.59	8.5	19.1
File clerks .....	9.75	3.7	29.0	10.50	1.9	39.8	8.40	4.7	19.5
Records clerks, n.e.c. ....	12.48	2.8	37.9	12.61	3.0	39.5	10.76	2.5	24.7
Bookkeepers, accounting and auditing clerks ...	13.75	3.3	37.3	13.84	3.4	39.3	11.01	8.3	14.6
Payroll and timekeeping clerks .....	15.77	4.8	37.9	16.02	4.5	39.8	11.83	17.2	21.5
Billing clerks .....	14.21	2.7	38.7	14.22	2.6	39.4	—	—	—
Billing, posting, and calculating machine operators .....	12.02	10.0	31.4	12.56	11.5	40.0	—	—	—
Duplicating machine operators .....	13.72	4.1	39.7	13.72	4.1	39.7	—	—	—
Telephone operators .....	12.67	17.3	34.4	13.05	17.2	39.3	10.16	5.5	19.0
Mail clerks, except postal service .....	11.55	9.0	35.4	11.90	9.6	38.6	—	—	—
Messengers .....	8.85	12.0	18.9	—	—	—	—	—	—
Dispatchers .....	13.73	9.8	39.3	13.83	9.7	40.6	—	—	—
Production coordinators .....	18.94	7.6	39.5	18.94	7.6	39.5	—	—	—
Traffic, shipping and receiving clerks .....	13.10	5.5	39.3	13.15	5.6	40.0	10.61	7.1	21.3
Stock and inventory clerks .....	13.49	5.1	34.4	14.20	5.2	40.0	9.70	9.9	19.8
Weighers, measurers, checkers, and samplers ..	15.48	13.4	39.9	15.50	13.4	40.0	—	—	—
Expeditors .....	14.61	19.3	32.8	17.30	9.8	40.0	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c. ....	14.81	9.7	35.7	15.47	9.3	39.8	8.83	6.1	18.6
Insurance adjusters, examiners, and investigators .....	16.54	4.1	38.4	16.50	4.1	38.9	—	—	—
Investigators and adjusters, except insurance ...	14.21	4.5	36.5	14.71	4.1	39.6	10.56	11.5	23.3

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar</b> —Continued									
<b>Administrative support, including clerical</b>									
—Continued									
Eligibility clerks, social welfare .....	\$11.62	9.6	40.0	\$11.62	9.6	40.0	—	—	—
Bill and account collectors .....	14.00	7.7	37.6	14.53	8.7	39.6	—	—	—
General office clerks .....	12.37	2.6	34.3	12.72	4.9	39.1	\$10.63	8.3	21.5
Bank tellers .....	10.11	2.0	35.2	10.24	2.3	39.6	9.34	3.7	21.4
Data entry keyers .....	11.72	14.7	37.2	12.03	16.3	39.5	10.27	12.4	29.2
Statistical clerks .....	12.61	6.3	34.8	13.03	5.7	40.0	—	—	—
Teachers' aides .....	8.67	5.1	27.8	—	—	—	8.01	5.4	24.4
Administrative support, n.e.c. ....	14.00	3.2	36.0	14.38	3.3	39.3	10.31	2.8	19.7
<b>Blue collar</b> .....	15.77	1.9	38.1	16.18	1.8	40.0	9.25	3.2	21.6
<b>Precision production, craft, and repair</b>									
Supervisors, mechanics and repairers .....	25.87	6.4	40.1	26.01	6.4	40.3	—	—	—
Automobile mechanics .....	15.82	8.0	40.9	15.82	8.0	40.9	—	—	—
Bus, truck, and stationary engine mechanics .....	18.31	4.8	39.7	18.32	4.8	40.0	—	—	—
Automobile body and related repairers .....	15.77	3.8	40.3	15.77	3.8	40.3	—	—	—
Heavy equipment mechanics .....	20.79	16.2	39.6	20.79	16.2	39.6	—	—	—
Industrial machinery repairers .....	21.67	3.2	40.0	21.69	3.2	40.0	—	—	—
Machinery maintenance .....	16.13	11.0	38.3	16.14	11.0	38.3	—	—	—
Electronic repairers, communications and industrial equipment .....	21.18	11.5	39.9	21.18	11.5	39.9	—	—	—
Household appliance and power tool repairers .....	15.90	15.4	35.0	15.98	16.7	37.6	—	—	—
Telephone installers and repairers .....	19.46	10.6	40.0	19.46	10.6	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics .....	15.41	7.2	40.0	15.41	7.2	40.0	—	—	—
Office machine repairers .....	15.46	7.5	40.0	15.46	7.5	40.0	—	—	—
Millwrights .....	25.83	4.0	40.0	25.83	4.0	40.0	—	—	—
Mechanics and repairers, n.e.c. ....	16.19	4.3	38.8	16.44	4.1	40.0	—	—	—
Supervisors, carpenters and related workers .....	28.22	5.8	40.0	28.22	5.8	40.0	—	—	—
Supervisors, electricians and power transmission installers .....	31.43	3.4	41.8	31.43	3.4	41.8	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters .....	26.78	12.9	40.0	26.78	12.9	40.0	—	—	—
Supervisors, construction trades, n.e.c. ....	26.03	7.9	40.9	26.03	7.9	40.9	—	—	—
Brickmasons and stonemasons .....	25.97	3.6	34.5	26.21	4.1	40.0	—	—	—
Carpenters .....	20.21	12.0	39.9	20.21	12.0	39.9	—	—	—
Electricians .....	24.06	5.7	39.5	24.09	5.7	40.0	—	—	—
Electrician apprentices .....	13.81	4.5	39.7	13.81	4.5	39.7	—	—	—
Electrical power installers and repairers .....	26.09	3.1	40.0	26.09	3.1	40.0	—	—	—
Painters, construction and maintenance .....	16.37	10.8	39.7	16.37	10.8	39.7	—	—	—
Plumbers, pipefitters and steamfitters .....	24.52	4.4	39.5	24.67	4.7	39.9	—	—	—
Concrete and terrazzo finishers .....	24.35	5.4	40.0	24.35	5.4	40.0	—	—	—
Roofers .....	19.69	9.3	40.0	19.69	9.3	40.0	—	—	—
Sheet metal duct installers .....	25.63	12.5	40.0	25.63	12.5	40.0	—	—	—
Structural metal workers .....	20.40	9.0	40.0	20.40	9.0	40.0	—	—	—
Construction trades, n.e.c. ....	19.92	21.8	40.0	19.92	21.8	40.0	—	—	—
Supervisors, production .....	22.27	3.6	40.5	22.40	3.5	40.4	—	—	—
Tool and die makers .....	23.23	3.1	40.1	23.23	3.1	40.1	—	—	—
Tool and die maker apprentices .....	18.44	4.7	39.7	18.44	4.7	39.7	—	—	—
Precision assemblers, metal .....	20.56	7.1	40.0	20.56	7.1	40.0	—	—	—
Machinists .....	18.57	3.6	39.6	18.63	3.9	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	16.71	13.0	40.0	16.71	13.0	40.0	—	—	—
Patternmakers and modelmakers, metal .....	22.18	12.9	40.0	22.18	12.9	40.0	—	—	—
Sheet metal workers .....	18.62	6.3	38.3	18.62	6.3	38.3	—	—	—
Cabinet makers and bench carpenters .....	14.49	7.4	40.0	14.49	7.4	40.0	—	—	—
Dental laboratory and medical appliance technicians .....	13.72	2.2	40.0	13.72	2.2	40.0	—	—	—
Electrical and electronic equipment assemblers .....	10.65	11.3	40.0	10.65	11.3	40.0	—	—	—
Miscellaneous precision workers, n.e.c. ....	12.14	15.9	40.0	12.14	15.9	40.0	—	—	—
Butchers and meat cutters .....	10.62	13.0	39.6	10.65	13.2	40.0	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003–Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar –Continued</b>									
<b>Precision production, craft, and repair –Continued</b>									
Bakers .....	\$10.98	7.1	32.0	\$11.80	8.0	37.7	\$7.80	6.2	20.1
Food batchmakers .....	13.35	15.4	40.0	13.35	15.4	40.0	–	–	–
Inspectors, testers, and graders .....	18.22	6.8	39.9	18.22	6.8	39.9	–	–	–
Stationary engineers .....	24.00	7.3	39.8	24.00	7.3	39.8	–	–	–
Miscellaneous plant and system operators, n.e.c. ....	19.64	7.0	40.0	19.64	7.0	40.0	–	–	–
<b>Machine operators, assemblers, and inspectors</b>									
Lathe and turning-machine set-up operators .....	17.54	6.4	39.9	17.54	6.4	39.9	–	–	–
Lathe and turning-machine operators .....	17.02	8.3	39.3	17.22	8.2	40.0	–	–	–
Milling and planing machine operators .....	15.55	5.9	40.0	15.55	5.9	40.0	–	–	–
Punching and stamping press operators .....	12.82	12.0	37.1	13.23	10.8	40.0	–	–	–
Rolling machine operators .....	14.98	2.9	40.0	14.98	2.9	40.0	–	–	–
Drilling and boring machine operators .....	11.41	13.5	40.0	11.41	13.5	40.0	–	–	–
Grinding, abrading, buffing, and polishing machine operators .....	14.09	6.6	38.6	14.29	6.3	39.9	–	–	–
Forging machine operators .....	16.43	15.8	40.0	16.43	15.8	40.0	–	–	–
Numerical control machine operators .....	16.01	5.8	40.0	16.01	5.8	40.0	–	–	–
Fabricating machine operators, n.e.c. ....	17.08	3.0	39.9	17.08	3.0	39.9	–	–	–
Molding and casting machine operators .....	12.25	4.6	39.4	12.29	4.7	40.0	–	–	–
Metal plating machine operators .....	13.73	6.6	39.4	13.73	6.6	39.4	–	–	–
Heat treating equipment operators .....	17.05	5.8	40.0	17.05	5.8	40.0	–	–	–
Sawing machine operators .....	11.92	7.5	40.0	11.92	7.5	40.0	–	–	–
Printing press operators .....	15.79	5.3	39.2	15.83	5.4	39.6	–	–	–
Photoengravers and lithographers .....	15.54	9.1	38.2	15.64	9.4	39.1	–	–	–
Typesetters and compositors .....	12.22	23.1	27.9	–	–	–	–	–	–
Textile sewing machine operators .....	13.15	15.3	39.6	13.32	15.5	40.0	–	–	–
Pressing machine operators .....	9.28	5.9	38.7	9.27	6.3	40.0	–	–	–
Laundering and dry cleaning machine operators .....	8.69	5.1	34.1	9.04	4.6	38.9	6.48	5.1	19.0
Packaging and filling machine operators .....	14.47	6.7	39.1	14.56	6.7	39.9	–	–	–
Extruding and forming machine operators .....	13.64	5.5	38.8	13.64	5.5	38.8	–	–	–
Mixing and blending machine operators .....	17.74	13.6	39.9	17.74	13.6	39.9	–	–	–
Separating, filtering, and clarifying machine operators .....	20.95	5.9	40.0	20.95	5.9	40.0	–	–	–
Compressing and compacting machine operators .....	11.92	8.7	39.8	11.92	8.7	39.8	–	–	–
Painting and paint spraying machine operators .....	13.60	9.4	39.9	13.60	9.4	39.9	–	–	–
Roasting and baking machine operators, food ..	13.45	17.6	40.0	13.45	17.6	40.0	–	–	–
Folding machine operators .....	14.21	7.1	40.0	14.21	7.1	40.0	–	–	–
Furnace, kiln, and oven operators, except food ..	15.19	17.0	40.0	15.19	17.0	40.0	–	–	–
Slicing and cutting machine operators .....	14.72	7.1	41.2	15.23	5.4	40.0	–	–	–
Photographic process machine operators .....	12.18	13.1	39.4	12.23	13.5	40.0	–	–	–
Miscellaneous machine operators, n.e.c. ....	14.83	3.7	39.3	14.89	3.7	39.7	11.91	8.8	25.8
Welders and cutters .....	16.66	4.4	39.9	16.66	4.4	39.9	–	–	–
Assemblers .....	15.26	8.1	39.5	15.32	8.0	39.9	11.00	18.7	22.3
Hand molding, casting, and forming .....	13.82	11.3	40.0	13.82	11.3	40.0	–	–	–
Hand painting, coating, and decorating .....	11.36	6.9	36.2	11.36	6.9	36.2	–	–	–
Miscellaneous hand working, n.e.c. ....	11.60	6.3	39.1	11.62	6.3	39.3	–	–	–
Production inspectors, checkers and examiners ..	15.31	5.2	39.6	15.36	5.1	39.8	–	–	–
Production testers .....	14.01	7.1	39.6	14.01	7.1	39.6	–	–	–
Graders and sorters, except agricultural .....	10.95	4.9	40.0	10.95	4.9	40.0	–	–	–
<b>Transportation and material moving</b>									
Supervisors, motor vehicle operators .....	16.07	2.9	38.1	16.73	2.7	40.9	8.52	4.7	21.4
Truckdrivers .....	19.20	13.0	45.1	19.20	13.0	45.1	–	–	–
Driver-sales workers .....	16.49	3.8	39.8	16.90	3.7	41.5	9.23	5.0	23.5
Busdrivers .....	10.27	13.8	26.2	14.41	12.9	40.1	7.43	10.8	21.1
Taxicab drivers and chauffeurs .....	13.72	18.5	32.1	14.53	20.2	38.0	–	–	–
Motor transportation, n.e.c. ....	9.35	16.8	30.1	–	–	–	–	–	–
Supervisors, material moving equipment .....	8.43	9.4	20.6	13.14	14.7	38.5	6.83	6.3	17.8
Operating engineers .....	20.32	2.4	42.7	20.32	2.4	42.7	–	–	–
	26.18	3.3	38.7	26.18	3.3	38.7	–	–	–

See footnotes at end of table.



TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Transportation and material moving—Continued</b>									
Crane and tower operators .....	\$14.51	5.4	40.0	\$14.51	5.4	40.0	—	—	—
Excavating and loading machine operators .....	15.85	16.8	40.0	15.85	16.8	40.0	—	—	—
Grader, dozer, and scraper operators .....	21.66	16.6	40.0	21.66	16.6	40.0	—	—	—
Industrial truck and tractor equipment operators .....	15.09	4.8	39.6	15.15	4.9	39.8	\$11.62	20.6	33.4
Miscellaneous material moving equipment operators, n.e.c. ....	15.77	6.5	36.9	16.12	7.3	40.0	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>									
Nursery workers .....	8.29	6.3	24.9	—	—	—	—	—	—
Groundskeepers and gardeners, except farm ...	9.45	2.6	35.8	9.71	3.6	39.6	8.34	7.6	25.2
Supervisors, handlers, equipment cleaners, and laborers, n.e.c. ....	19.07	6.5	39.6	19.20	7.0	40.3	—	—	—
Helpers, mechanics and repairers .....	10.50	10.3	35.1	11.06	10.4	40.1	—	—	—
Helpers, construction trades .....	15.92	10.4	37.4	16.23	10.4	39.1	—	—	—
Construction laborers .....	19.65	3.1	37.0	19.24	3.4	39.7	—	—	—
Production helpers .....	12.24	4.2	38.7	12.40	3.2	39.6	—	—	—
Stock handlers and baggers .....	10.58	3.8	28.7	12.34	3.8	39.7	7.65	2.8	19.7
Machine feeders and offbearers .....	11.50	9.3	38.0	11.70	9.2	39.9	—	—	—
Freight, stock, and material handlers, n.e.c. ....	13.28	5.2	34.5	13.63	6.0	39.6	11.77	3.4	22.3
Garage and service station related .....	8.54	7.2	37.7	8.66	7.7	39.9	—	—	—
Vehicle washers and equipment cleaners .....	10.58	9.3	32.4	11.79	10.0	39.8	6.44	6.0	19.9
Hand packers and packagers .....	9.95	9.2	37.8	10.05	10.1	39.8	8.89	3.9	24.7
Laborers, except construction, n.e.c. ....	11.13	10.5	34.7	11.91	13.1	40.0	8.78	8.6	24.9
<b>Service</b>									
Protective service .....	10.16	4.5	32.5	10.29	3.6	39.4	9.58	11.0	18.8
Supervisors, guards .....	13.29	8.2	40.0	13.29	8.2	40.0	—	—	—
Guards and police, except public service .....	10.08	5.4	33.1	10.02	4.5	39.2	10.40	11.0	19.1
Protective service, n.e.c. ....	7.85	4.6	23.3	9.02	10.8	37.5	6.94	4.4	18.0
Food service .....	7.15	1.3	26.3	8.42	3.3	38.4	5.94	1.9	20.2
Waiters, waitresses, and bartenders .....	4.35	2.9	23.6	4.75	7.6	36.4	4.10	4.4	19.5
Bartenders .....	6.67	3.8	23.9	7.07	2.5	35.6	6.32	5.9	18.6
Waiters and waitresses .....	3.26	5.5	23.6	3.14	9.9	36.0	3.32	6.1	20.1
Waiters/Waitresses' assistants .....	6.02	7.6	23.7	—	—	—	5.41	8.8	18.1
Other food service .....	8.31	1.0	27.5	9.49	1.6	39.0	6.96	1.6	20.6
Supervisors, food preparation and service .....	11.96	6.0	39.3	11.95	6.2	40.5	12.04	13.7	25.8
Cooks .....	9.07	1.9	32.3	9.57	1.8	38.5	7.45	3.0	21.2
Kitchen workers, food preparation .....	7.53	3.3	26.9	8.09	4.5	39.3	7.09	4.0	21.5
Food preparation, n.e.c. ....	7.29	2.4	24.3	8.23	1.7	37.9	6.82	2.3	20.6
Health service .....	10.43	2.6	33.9	10.59	3.2	39.0	9.59	2.7	19.6
Health aides, except nursing .....	10.92	4.0	33.4	11.23	4.1	39.6	9.63	5.4	20.3
Nursing aides, orderlies, and attendants .....	9.72	1.5	33.1	9.76	2.2	39.1	9.53	2.6	19.5
Cleaning and building service .....	10.04	5.8	31.6	10.55	5.0	38.8	8.18	9.9	19.0
Supervisors, cleaning and building service workers .....	14.99	4.7	38.7	15.10	4.7	39.9	—	—	—
Maids and housemen .....	8.38	4.0	32.1	8.15	3.1	37.1	9.61	17.6	18.6
Janitors and cleaners .....	10.40	7.4	31.2	11.23	5.8	39.3	7.85	11.3	19.1
Personal service .....	10.58	2.9	27.4	11.67	2.9	36.5	8.58	5.7	18.8
Supervisors, personal service .....	10.66	14.2	37.6	10.58	14.5	39.2	—	—	—
Hairdressers and cosmetologists .....	16.25	16.8	27.1	17.51	16.1	38.9	14.22	27.2	18.2
Attendants, amusement and recreation facilities	6.60	4.9	25.8	6.82	5.5	39.7	6.51	6.2	22.7

See footnotes at end of table.

TABLE 4. Selected occupations, East North Central, private industry: Mean hourly earnings<sup>1</sup> for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003–Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service –Continued</b>									
<b>Personal service –Continued</b>									
Ushers .....	\$6.77	5.0	16.3	–	–	–	\$6.77	5.0	16.3
Public transportation attendants .....	34.59	2.6	17.1	\$34.47	2.6	17.9	–	–	–
Baggage porters and bellhops .....	9.45	30.3	35.1	–	–	–	–	–	–
Welfare service aides .....	9.43	4.4	28.0	9.98	6.2	38.5	8.43	3.1	18.5
Early childhood teachers' assistants .....	8.45	10.3	32.9	8.65	9.9	38.8	7.20	5.7	17.1
Childcare workers, n.e.c. ....	10.26	8.6	30.4	10.67	8.2	39.1	7.83	7.2	13.2
Service, n.e.c. ....	9.60	4.7	26.2	10.35	6.4	39.2	8.66	3.0	18.5

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

<sup>5</sup> 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 earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>All</b> .....	\$23.33	2.5	36.0	\$23.86	2.6	38.3	\$14.28	3.1	17.9
All, excluding sales .....	23.34	2.5	36.0	23.87	2.6	38.3	14.31	3.1	17.9
<b>White collar</b> .....	26.80	2.7	35.8	27.25	2.9	37.7	17.11	4.2	17.6
White collar, excluding sales .....	26.83	2.8	35.9	27.26	2.9	37.7	17.24	4.4	17.5
<b>Professional specialty and technical</b> .....	31.94	1.9	35.0	32.41	1.9	37.0	21.48	4.3	15.7
Professional specialty .....	32.95	2.1	34.8	33.43	2.1	36.8	21.92	4.4	15.4
Engineers, architects, and surveyors .....	28.18	2.8	39.5	28.19	2.8	39.5	—	—	—
Civil engineers .....	29.90	4.3	38.6	29.90	4.3	38.6	—	—	—
Mathematical and computer scientists .....	24.68	4.1	38.2	24.68	4.1	38.2	—	—	—
Computer systems analysts and scientists .....	24.76	4.4	38.1	24.76	4.4	38.1	—	—	—
Natural scientists .....	19.25	11.5	38.5	19.36	12.1	39.5	—	—	—
Health related .....	28.79	12.1	36.6	29.34	12.4	39.4	21.77	10.5	19.2
Physicians .....	46.14	10.2	42.0	46.14	10.2	42.0	—	—	—
Registered nurses .....	24.33	6.0	35.5	24.57	6.4	39.0	22.02	12.6	19.1
Dietitians .....	21.37	2.9	33.6	21.45	3.5	39.7	—	—	—
Speech therapists .....	42.05	3.9	35.3	42.91	4.5	36.6	—	—	—
Therapists, n.e.c. ....	18.24	7.8	37.0	18.44	8.4	39.1	—	—	—
Teachers, college and university .....	43.44	3.3	34.3	44.37	2.6	38.2	29.01	8.8	13.3
Engineering teachers .....	70.26	11.3	34.9	—	—	—	—	—	—
Health specialties teachers .....	34.56	10.8	36.9	34.45	10.7	38.2	—	—	—
Business, commerce, and marketing teachers ..	43.55	11.3	27.5	43.58	12.7	37.4	—	—	—
Art, drama, and music teachers .....	29.09	12.4	37.7	28.97	12.2	38.6	—	—	—
English teachers .....	47.92	19.0	37.6	48.16	19.0	38.6	—	—	—
Other post-secondary teachers .....	39.16	6.9	24.7	44.20	5.2	35.7	29.03	8.5	15.2
Teachers, except college and university .....	33.82	2.1	33.8	34.37	2.2	35.6	20.61	7.0	15.4
Prekindergarten and kindergarten .....	31.87	7.3	35.4	32.19	8.0	36.6	—	—	—
Elementary school teachers .....	35.21	2.7	34.9	35.24	2.7	35.2	32.15	10.8	17.5
Secondary school teachers .....	34.81	3.0	35.9	34.87	3.0	36.1	—	—	—
Teachers, special education .....	34.61	4.6	35.8	34.61	4.6	35.8	—	—	—
Teachers, n.e.c. ....	33.23	7.4	31.4	34.15	7.6	35.1	22.86	9.7	14.3
Substitute teachers .....	13.97	9.5	15.6	—	—	—	13.27	11.5	14.0
Vocational and educational counselors .....	26.21	11.1	35.8	26.52	12.5	37.5	—	—	—
Librarians, archivists, and curators .....	25.71	6.9	36.8	26.14	7.1	38.6	17.74	4.3	19.7
Librarians .....	26.77	5.6	36.9	27.28	5.7	38.9	17.99	4.0	19.7
Social scientists and urban planners .....	29.97	22.2	33.9	30.11	22.2	38.9	—	—	—
Psychologists .....	37.89	14.6	38.5	37.89	14.6	38.5	—	—	—
Urban planners .....	20.58	11.9	14.4	21.25	12.5	39.2	—	—	—
Social, recreation, and religious workers .....	21.40	4.9	37.3	21.58	5.1	38.8	13.56	21.3	13.9
Social workers .....	21.59	5.2	38.7	21.58	5.3	38.9	—	—	—
Recreation workers .....	18.03	17.1	22.6	—	—	—	10.92	14.9	12.5
Lawyers and judges .....	41.47	21.9	36.3	42.20	22.5	38.3	—	—	—
Lawyers .....	41.61	22.2	36.3	42.36	22.9	38.3	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	36.33	13.8	36.7	36.79	13.8	39.7	—	—	—
Public relations specialists .....	23.13	3.6	40.0	23.13	3.6	40.0	—	—	—
Technical .....	19.06	9.2	37.7	19.20	9.5	38.9	16.03	3.7	22.9
Radiological technicians .....	21.39	6.7	34.3	—	—	—	—	—	—
Licensed practical nurses .....	16.47	5.6	37.3	16.55	6.6	39.9	—	—	—
Health technologists and technicians, n.e.c. ....	15.43	8.0	38.0	15.32	7.4	39.9	—	—	—
Engineering technicians, n.e.c. ....	22.53	8.6	37.6	22.74	8.4	38.4	—	—	—
Surveying and mapping technicians .....	17.06	13.6	37.8	17.06	13.6	37.8	—	—	—
Computer programmers .....	32.62	7.3	40.0	32.62	7.3	40.0	—	—	—
Technical and related, n.e.c. ....	19.62	17.0	37.7	19.68	17.1	38.0	—	—	—
<b>Executive, administrative, and managerial</b> .....	32.71	6.9	38.5	32.80	6.9	39.2	22.53	15.8	11.4
Executives, administrators, and managers .....	37.64	7.1	38.2	37.76	7.0	39.2	22.36	25.0	9.0
Legislators .....	21.14	32.2	8.4	—	—	—	18.80	41.0	6.6
Administrators and officials, public administration .....	32.48	4.5	39.0	32.49	4.5	39.1	—	—	—
Administrators, education and related fields .....	41.04	4.9	39.0	41.02	4.9	39.1	—	—	—
Managers, medicine and health .....	58.88	14.1	38.0	58.88	14.1	38.0	—	—	—
Managers, service organizations, n.e.c. ....	32.36	12.9	39.5	32.67	13.0	39.5	—	—	—
Managers and administrators, n.e.c. ....	30.50	9.9	41.1	30.53	9.9	41.1	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, East North Central, State and local government: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar</b> —Continued									
<b>Executive, administrative, and managerial</b> —Continued									
Management related .....	\$23.70	2.6	39.0	\$23.71	2.7	39.2	—	—	—
Accountants and auditors .....	23.90	6.0	38.6	23.90	6.0	38.6	—	—	—
Other financial officers .....	24.30	7.2	40.0	24.30	7.2	40.0	—	—	—
Personnel, training, and labor relations specialists .....	22.52	10.3	37.7	22.58	10.4	38.8	—	—	—
Construction inspectors .....	23.96	11.0	39.3	23.97	11.0	39.6	—	—	—
Inspectors and compliance officers, except construction .....	20.43	3.3	39.1	20.43	3.3	39.1	—	—	—
Management related, n.e.c. ....	25.74	5.8	39.0	25.80	6.0	39.6	—	—	—
<b>Sales</b> .....	15.52	9.6	27.6	19.38	5.1	40.0	\$11.29	15.4	20.6
Cashiers .....	14.04	11.4	25.9	—	—	—	11.33	15.2	21.1
<b>Administrative support, including clerical</b> .....	14.28	2.4	36.6	14.48	2.8	38.4	11.28	2.4	21.4
Supervisors, general office .....	18.82	5.3	39.4	18.82	5.3	39.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks .....	23.37	9.5	37.7	23.37	9.5	37.7	—	—	—
Secretaries .....	14.36	3.5	37.9	14.42	3.6	38.9	12.10	8.1	19.3
Stenographers .....	16.92	3.1	36.8	16.92	3.1	36.8	—	—	—
Typists .....	13.14	9.6	38.0	13.25	10.4	39.2	—	—	—
Receptionists .....	13.14	13.5	32.6	—	—	—	—	—	—
Information clerks, n.e.c. ....	14.11	8.3	36.6	—	—	—	—	—	—
Personnel clerks, except payroll and timekeeping .....	19.44	1.9	39.7	19.44	1.9	39.7	—	—	—
Library clerks .....	10.58	6.2	26.7	10.88	10.0	38.2	9.97	8.8	16.7
Records clerks, n.e.c. ....	15.18	13.4	37.7	15.22	13.4	38.1	—	—	—
Bookkeepers, accounting and auditing clerks ...	14.41	5.8	38.3	14.43	5.9	38.9	—	—	—
Payroll and timekeeping clerks .....	16.85	9.4	38.5	16.85	9.4	38.5	—	—	—
Billing clerks .....	13.53	6.6	39.9	13.53	6.6	39.9	—	—	—
Dispatchers .....	14.94	7.8	38.0	15.37	8.0	40.0	—	—	—
Stock and inventory clerks .....	13.37	6.0	37.8	13.38	6.0	37.9	—	—	—
Investigators and adjusters, except insurance ...	17.72	7.4	40.0	17.72	7.4	40.0	—	—	—
Eligibility clerks, social welfare .....	16.63	2.9	40.0	16.63	2.9	40.0	—	—	—
General office clerks .....	14.45	2.2	37.6	14.56	2.2	39.0	12.19	8.0	21.1
Data entry keyers .....	13.26	5.4	39.4	13.26	5.4	39.4	—	—	—
Teachers' aides .....	11.98	5.3	33.0	12.12	6.5	34.8	11.23	4.3	26.0
Administrative support, n.e.c. ....	14.25	7.2	36.6	14.34	7.8	38.1	12.98	5.8	23.3
<b>Blue collar</b> .....	18.17	2.3	36.7	18.62	2.8	39.2	13.27	4.0	21.5
<b>Precision production, craft, and repair</b> .....	20.37	2.4	39.6	20.41	2.5	39.7	—	—	—
Supervisors, mechanics and repairers .....	22.15	8.6	40.1	22.15	8.6	40.1	—	—	—
Automobile mechanics .....	18.65	3.1	40.0	18.65	3.1	40.0	—	—	—
Bus, truck, and stationary engine mechanics ....	19.10	4.1	40.0	19.10	4.1	40.0	—	—	—
Heavy equipment mechanics .....	17.34	12.5	39.8	17.34	12.5	39.8	—	—	—
Industrial machinery repairers .....	26.24	24.0	40.0	26.24	24.0	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics .....	18.43	2.5	39.9	18.43	2.5	39.9	—	—	—
Mechanical controls and valve repairers .....	19.29	5.5	35.6	20.59	6.5	40.0	—	—	—
Mechanics and repairers, n.e.c. ....	16.66	11.8	39.9	16.66	11.8	39.9	—	—	—
Supervisors, construction trades, n.e.c. ....	21.46	5.3	39.7	21.46	5.3	39.7	—	—	—
Carpenters .....	20.04	19.9	40.0	20.04	19.9	40.0	—	—	—
Electricians .....	28.75	9.7	39.9	28.75	9.7	39.9	—	—	—
Painters, construction and maintenance .....	19.61	4.7	39.8	19.61	4.7	39.8	—	—	—
Plumbers, pipefitters and steamfitters .....	24.67	9.2	38.7	24.67	9.2	38.7	—	—	—
Construction trades, n.e.c. ....	17.40	6.6	39.5	17.40	6.6	39.5	—	—	—
Water and sewer treatment plant operators .....	19.27	3.5	40.0	19.27	3.5	40.0	—	—	—
Stationary engineers .....	27.38	8.8	39.4	27.38	8.8	39.4	—	—	—
<b>Machine operators, assemblers, and inspectors</b> .....	16.28	9.2	40.0	16.28	9.2	40.0	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, East North Central, State and local government: Mean hourly earnings<sup>1</sup> and weekly hours for full-time and part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> July 2003—Continued

Occupation <sup>4</sup>	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Transportation and material moving</b> .....	\$17.05	4.4	32.2	\$17.79	5.2	38.1	\$14.44	2.8	20.8
Supervisors, motor vehicle operators .....	22.97	4.4	40.0	22.97	4.4	40.0	—	—	—
Truckdrivers .....	19.43	10.3	37.9	19.96	10.3	40.0	—	—	—
Busdrivers .....	15.57	2.7	28.3	16.16	3.7	36.2	14.60	2.9	20.8
Operating engineers .....	22.88	13.0	39.5	22.88	13.0	39.5	—	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	18.28	10.7	40.0	18.28	10.7	40.0	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b> .....	16.09	5.2	38.3	16.55	5.4	39.4	7.92	6.1	25.6
Supervisors, agriculture-related workers .....	19.70	8.1	40.0	19.70	8.1	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	14.53	6.3	35.9	15.92	5.4	39.4	7.97	8.2	25.3
Construction laborers .....	15.00	11.9	39.0	15.03	12.3	40.0	—	—	—
Laborers, except construction, n.e.c. ....	15.48	12.5	39.4	15.76	12.2	40.0	7.68	7.6	28.0
<b>Service</b> .....	16.87	3.0	36.2	17.38	3.4	39.8	10.45	4.7	16.9
Protective service .....	21.38	1.7	39.3	21.62	1.8	41.4	12.41	7.2	13.3
Supervisors, firefighters and fire prevention .....	22.03	7.6	49.3	22.03	7.6	49.3	—	—	—
Supervisors, police and detectives .....	28.78	10.4	40.1	28.78	10.4	40.1	—	—	—
Firefighting .....	20.10	1.8	45.5	20.22	1.9	49.6	13.23	14.0	7.8
Police and detectives, public service .....	23.91	1.2	38.8	24.00	1.2	39.9	15.46	9.3	11.5
Sheriffs, bailiffs, and other law enforcement officers .....	17.88	4.4	39.8	17.89	4.5	39.9	—	—	—
Correctional institution officers .....	17.94	5.3	38.4	18.13	5.0	39.2	—	—	—
Crossing guards .....	8.18	10.1	12.9	—	—	—	8.18	10.1	12.9
Guards and police, except public service .....	12.37	20.8	30.9	11.56	24.0	37.4	16.37	14.3	16.5
Protective service, n.e.c. ....	15.50	7.5	31.5	16.16	8.0	37.5	11.05	11.0	15.1
Food service .....	10.87	4.1	29.3	11.08	4.7	35.0	10.07	5.9	18.0
Other food service .....	10.90	4.2	29.3	11.08	4.7	35.0	10.19	5.7	18.0
Supervisors, food preparation and service .....	11.32	2.9	34.2	11.32	3.0	35.1	—	—	—
Cooks .....	11.86	5.2	33.2	11.81	5.6	35.2	12.25	7.6	21.6
Kitchen workers, food preparation .....	8.72	4.1	33.3	—	—	—	—	—	—
Food preparation, n.e.c. ....	9.84	4.9	22.7	9.85	6.4	33.8	9.84	6.5	17.2
Health service .....	12.88	5.1	37.4	12.88	5.4	38.7	12.78	4.0	21.2
Health aides, except nursing .....	14.63	1.9	34.4	14.79	1.7	38.4	13.50	1.8	20.0
Nursing aides, orderlies, and attendants .....	12.28	6.9	38.5	12.31	7.0	38.8	10.71	5.7	26.0
Cleaning and building service .....	13.26	3.8	38.4	13.39	4.2	39.6	10.84	10.7	24.4
Supervisors, cleaning and building service workers .....	17.19	11.1	39.5	17.19	11.1	39.5	—	—	—
Janitors and cleaners .....	12.98	3.7	38.3	13.11	4.1	39.6	10.83	10.8	24.5
Personal service .....	12.15	6.1	26.5	13.35	7.2	37.2	9.16	3.5	15.5
Attendants, amusement and recreation facilities	7.75	4.3	23.4	—	—	—	8.20	2.4	19.9
Welfare service aides .....	11.61	23.6	36.7	11.60	23.9	37.9	—	—	—
Early childhood teachers' assistants .....	12.00	5.6	29.9	12.16	8.1	34.9	11.49	5.7	20.4
Childcare workers, n.e.c. ....	12.91	8.3	22.3	15.37	8.1	38.8	8.51	1.5	12.7
Service, n.e.c. ....	13.21	7.2	29.7	14.01	5.8	37.0	8.22	4.4	13.2

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

<sup>5</sup> 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. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003

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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
All .....	\$17.97	1.5	35.5	\$17.16	1.8	35.4	\$23.33	2.5	36.0
All, excluding sales .....	18.04	1.4	35.8	17.16	1.6	35.8	23.34	2.5	36.0
<b>White collar</b> .....	21.88	1.2	35.8	20.87	1.7	35.8	26.80	2.7	35.8
1 .....	7.88	1.5	24.1	7.83	1.4	24.1	9.46	6.4	25.6
2 .....	9.33	1.6	30.0	9.20	1.8	30.0	10.85	4.8	30.2
3 .....	10.70	1.9	33.0	10.51	1.9	32.8	12.75	2.0	35.4
4 .....	13.28	1.2	37.2	13.20	1.2	37.2	13.67	3.9	37.4
5 .....	15.83	2.2	36.6	15.87	2.4	36.9	15.64	3.8	34.8
6 .....	18.42	2.1	37.5	18.38	1.2	37.6	18.58	8.3	36.8
7 .....	21.36	1.4	38.1	21.11	1.6	38.5	22.50	3.5	36.3
8 .....	24.93	2.7	36.8	23.65	2.8	37.3	28.75	5.4	35.4
9 .....	30.22	1.8	36.4	28.25	2.2	37.0	33.63	1.5	35.3
10 .....	31.83	2.8	38.6	32.13	3.1	39.0	29.26	6.4	35.9
11 .....	40.55	7.3	39.7	41.50	8.7	39.9	35.47	5.2	38.4
12 .....	42.47	2.5	39.6	42.74	2.3	39.8	41.46	6.8	38.8
13 .....	57.42	3.5	39.1	60.15	4.9	39.7	54.08	4.1	38.4
14 .....	60.41	3.6	40.7	60.84	4.9	40.9	56.54	12.6	39.0
15 .....	81.97	17.8	39.0	115.94	15.3	41.1	-	-	-
Not able to be leveled .....	24.93	2.8	37.1	24.58	3.1	37.3	37.65	11.0	33.3
White collar, excluding sales .....	22.79	.9	36.6	21.77	1.2	36.8	26.83	2.8	35.9
1 .....	9.14	2.1	25.8	9.09	2.1	25.7	9.60	6.7	26.1
2 .....	10.10	1.3	32.5	10.00	1.2	32.9	10.85	4.8	30.2
3 .....	11.57	1.3	35.7	11.42	1.5	35.7	12.67	2.0	35.7
4 .....	13.48	1.3	37.4	13.43	1.3	37.4	13.67	3.9	37.4
5 .....	15.25	1.6	36.0	15.17	1.6	36.3	15.63	3.8	34.8
6 .....	18.36	2.7	36.9	18.30	1.6	36.9	18.57	8.4	36.8
7 .....	20.97	1.3	37.7	20.58	1.7	38.1	22.50	3.5	36.3
8 .....	24.78	2.0	36.6	23.23	2.0	37.0	28.77	5.4	35.4
9 .....	29.32	1.1	36.2	26.64	1.8	36.8	33.63	1.5	35.3
10 .....	30.98	2.3	38.4	31.20	2.6	38.7	29.26	6.4	35.9
11 .....	36.46	3.2	39.3	36.68	3.3	39.5	35.47	5.2	38.4
12 .....	42.43	2.5	39.6	42.70	2.3	39.8	41.46	6.8	38.8
13 .....	57.42	3.5	39.1	60.15	4.9	39.7	54.08	4.1	38.4
14 .....	60.41	3.6	40.7	60.84	4.9	40.9	56.54	12.6	39.0
15 .....	81.97	17.8	39.0	115.94	15.3	41.1	-	-	-
Not able to be leveled .....	25.72	1.9	37.1	25.34	2.2	37.2	37.65	11.0	33.3
<b>Professional specialty and technical</b> .....	27.99	1.9	35.5	26.36	2.6	35.8	31.94	1.9	35.0
Professional specialty .....	30.36	2.2	35.5	28.96	3.6	35.9	32.95	2.1	34.8
4 .....	10.91	4.5	18.6	11.25	5.0	19.1	9.94	6.3	17.3
5 .....	13.83	8.1	32.4	13.44	11.5	34.6	14.53	5.5	29.1
6 .....	20.08	6.5	35.3	18.39	6.5	36.3	24.54	11.4	33.1
7 .....	22.39	2.1	36.6	21.44	2.0	37.6	24.35	6.2	34.9
8 .....	27.30	3.2	34.4	24.66	2.2	34.5	30.72	6.0	34.2
9 .....	30.42	1.3	34.7	26.50	1.5	34.6	34.43	1.7	34.8
10 .....	30.08	3.8	38.6	30.45	4.2	39.1	27.24	8.2	35.2
11 .....	36.22	5.3	38.8	36.80	5.4	39.2	33.72	7.4	37.1
12 .....	41.55	6.1	38.9	41.85	7.1	39.1	40.46	11.2	38.4
13 .....	56.02	4.3	39.1	60.90	6.4	40.1	52.31	1.8	38.4
14 .....	63.59	8.5	40.0	62.90	8.8	40.4	-	-	-
Not able to be leveled .....	33.47	4.3	34.5	33.09	6.1	34.4	38.14	15.3	36.4
Engineers, architects, and surveyors .....	32.03	2.0	40.4	32.23	1.9	40.5	28.18	2.8	39.5
7 .....	23.59	4.3	40.0	23.57	4.4	40.0	-	-	-
8 .....	28.67	3.3	40.0	28.54	3.3	40.0	-	-	-
9 .....	29.65	2.3	40.3	29.94	2.3	40.3	24.86	7.5	39.7
10 .....	31.53	2.8	41.1	31.35	2.8	41.2	-	-	-
11 .....	35.13	4.2	41.2	35.86	3.5	41.4	29.78	4.0	39.4
12 .....	38.86	5.3	40.4	38.86	5.3	40.4	-	-	-
13 .....	45.78	4.2	40.0	45.78	4.2	40.0	-	-	-
Not able to be leveled .....	35.50	3.2	40.0	35.50	3.2	40.0	-	-	-
Architects .....	26.00	7.9	42.3	-	-	-	-	-	-
Metallurgical and materials engineers .....	36.40	7.6	40.0	36.40	7.6	40.0	-	-	-
Civil engineers .....	27.68	3.0	40.6	27.12	3.1	41.1	29.90	4.3	38.6

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003–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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar –Continued</b>									
<b>Professional specialty and technical –Continued</b>									
Professional specialty –Continued									
Engineers, architects, and surveyors –Continued									
Civil engineers –Continued									
9 .....	\$30.28	5.7	40.0	–	–	–	–	–	–
Electrical and electronic engineers .....	32.64	4.7	40.4	\$33.48	3.3	40.5	–	–	–
9 .....	28.85	1.0	40.9	28.91	1.0	41.0	–	–	–
10 .....	31.74	7.3	40.2	31.74	7.3	40.2	–	–	–
11 .....	33.64	8.9	40.3	38.32	2.7	40.6	–	–	–
Industrial engineers .....	29.51	4.7	40.5	29.51	4.7	40.5	–	–	–
7 .....	21.83	3.4	40.0	21.83	3.4	40.0	–	–	–
8 .....	26.62	9.0	40.0	26.62	9.0	40.0	–	–	–
9 .....	28.42	2.4	40.9	28.42	2.4	40.9	–	–	–
11 .....	36.39	5.0	41.3	36.57	4.9	41.3	–	–	–
12 .....	35.72	13.6	40.6	35.72	13.6	40.6	–	–	–
Mechanical engineers .....	30.10	3.2	41.0	30.15	3.2	41.0	–	–	–
8 .....	26.71	6.1	40.0	26.71	6.1	40.0	–	–	–
9 .....	27.09	3.2	40.3	27.19	3.5	40.3	–	–	–
10 .....	32.41	3.3	40.8	32.16	3.1	40.9	–	–	–
11 .....	32.74	1.3	44.3	32.74	1.3	44.3	–	–	–
Not able to be leveled .....	34.08	4.6	40.1	34.08	4.6	40.1	–	–	–
Engineers, n.e.c. ....	35.75	2.1	40.0	36.14	1.9	40.0	–	–	–
8 .....	33.09	5.6	40.0	33.09	5.6	40.0	–	–	–
9 .....	29.19	3.5	39.9	29.92	2.7	39.9	–	–	–
10 .....	28.90	3.6	40.0	28.90	3.6	40.0	–	–	–
11 .....	39.78	3.0	40.0	39.78	3.0	40.0	–	–	–
12 .....	40.03	7.8	40.0	40.03	7.8	40.0	–	–	–
13 .....	44.34	3.6	40.0	44.34	3.6	40.0	–	–	–
Not able to be leveled .....	38.22	4.3	40.0	38.22	4.3	40.0	–	–	–
Mathematical and computer scientists .....	31.89	1.8	39.9	32.17	1.8	40.0	\$24.68	4.1	38.2
5 .....	17.80	5.0	40.0	17.92	5.0	40.0	–	–	–
6 .....	22.52	8.1	40.0	22.52	9.0	40.0	–	–	–
7 .....	25.21	2.2	39.9	25.21	2.3	39.9	–	–	–
8 .....	24.87	4.7	39.2	25.17	5.1	39.7	–	–	–
9 .....	28.78	1.7	40.1	28.79	1.8	40.1	28.34	7.9	39.7
10 .....	35.32	3.8	40.1	35.33	3.8	40.1	–	–	–
11 .....	36.62	2.3	39.7	36.62	2.3	39.7	–	–	–
12 .....	42.70	5.6	39.9	42.76	5.6	39.9	–	–	–
Not able to be leveled .....	35.27	6.7	40.3	35.27	6.7	40.3	–	–	–
Computer systems analysts and scientists .....	31.84	1.9	39.9	32.13	1.9	40.0	24.76	4.4	38.1
5 .....	18.15	5.2	40.0	–	–	–	–	–	–
6 .....	22.52	8.1	40.0	22.52	9.0	40.0	–	–	–
7 .....	25.22	2.3	39.9	25.22	2.3	39.9	–	–	–
8 .....	25.03	5.0	39.3	25.40	5.4	39.8	–	–	–
9 .....	28.78	1.8	40.2	28.74	2.0	40.2	–	–	–
10 .....	35.32	3.8	40.1	35.33	3.8	40.1	–	–	–
11 .....	36.50	2.9	39.7	36.50	2.9	39.7	–	–	–
12 .....	44.34	5.1	39.9	44.43	5.1	39.9	–	–	–
Not able to be leveled .....	35.50	6.0	40.0	35.50	6.0	40.0	–	–	–
Operations and systems researchers and analysts .....	33.87	4.8	39.7	33.87	4.8	39.7	–	–	–
9 .....	29.66	4.3	39.3	29.66	4.3	39.3	–	–	–
11 .....	36.95	1.8	40.0	36.95	1.8	40.0	–	–	–
Natural scientists .....	31.06	5.3	39.2	34.66	5.7	39.4	19.25	11.5	38.5
7 .....	22.53	5.1	40.4	23.08	4.9	40.6	–	–	–
8 .....	26.50	28.8	38.3	–	–	–	–	–	–
9 .....	25.69	2.5	39.2	25.23	3.6	38.9	–	–	–
10 .....	33.72	12.1	37.8	33.72	12.1	37.8	–	–	–
11 .....	34.34	5.0	40.0	34.34	5.0	40.0	–	–	–
12 .....	31.23	15.8	38.3	41.05	10.8	39.1	–	–	–
Not able to be leveled .....	37.08	11.2	40.0	37.08	11.2	40.0	–	–	–

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003–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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar –Continued</b>									
<b>Professional specialty and technical –Continued</b>									
Professional specialty –Continued									
Natural scientists –Continued									
Chemists, except biochemists .....	\$32.07	5.4	39.7	\$32.07	5.4	39.7	–	–	–
9 .....	25.62	5.1	39.4	25.62	5.1	39.4	–	–	–
Physical scientists, n.e.c. ....	31.71	21.1	40.0	–	–	–	–	–	–
Biological and life scientists .....	41.89	25.5	38.0	44.12	26.6	40.0	–	–	–
Medical scientists .....	29.22	9.7	38.6	35.39	9.5	38.4	–	–	–
Not able to be leveled .....	39.30	8.7	40.0	39.30	8.7	40.0	–	–	–
Health related .....	28.41	3.7	32.7	28.34	4.1	32.1	\$28.79	12.1	36.6
5 .....	17.62	12.8	24.6	22.00	13.5	17.6	–	–	–
6 .....	20.89	6.2	35.4	21.19	7.1	35.0	–	–	–
7 .....	21.94	2.7	35.1	22.43	3.2	34.1	20.65	4.9	38.2
8 .....	25.87	2.0	31.9	25.61	2.3	31.4	27.16	10.8	34.4
9 .....	25.43	2.7	31.2	24.94	2.6	30.8	29.64	9.5	35.0
10 .....	30.90	5.0	37.3	33.23	4.8	36.8	23.51	16.0	39.0
11 .....	33.45	8.5	36.7	33.44	8.6	36.7	–	–	–
12 .....	43.54	8.7	28.5	43.54	8.7	28.5	–	–	–
13 .....	66.49	9.3	41.4	71.06	6.9	42.2	–	–	–
Not able to be leveled .....	37.95	14.9	32.3	38.01	16.5	31.6	37.35	3.8	40.7
Physicians .....	56.81	7.8	39.9	61.68	10.8	39.0	46.14	10.2	42.0
13 .....	66.49	9.3	41.4	71.06	6.9	42.2	–	–	–
Not able to be leveled .....	49.45	20.2	37.1	53.23	24.1	36.1	37.93	3.7	40.8
Registered nurses .....	24.92	1.8	31.6	25.00	2.0	31.2	24.33	6.0	35.5
6 .....	21.24	1.7	34.3	21.13	1.9	34.2	–	–	–
7 .....	22.23	3.2	34.8	22.94	3.7	33.5	20.67	5.4	38.0
8 .....	25.00	3.5	30.7	24.35	1.4	30.1	28.09	11.4	34.0
9 .....	24.71	2.9	30.8	24.62	3.1	30.5	25.61	5.1	34.0
10 .....	29.81	2.1	37.1	29.44	2.4	37.3	–	–	–
11 .....	32.50	12.5	36.9	32.51	12.6	36.9	–	–	–
Not able to be leveled .....	29.22	11.9	30.3	29.22	11.9	30.3	–	–	–
Pharmacists .....	40.07	1.8	33.4	40.07	1.8	33.4	–	–	–
9 .....	39.53	5.9	33.7	39.53	5.9	33.7	–	–	–
10 .....	40.29	2.9	40.0	40.29	2.9	40.0	–	–	–
11 .....	38.60	4.2	38.4	38.60	4.2	38.4	–	–	–
Dietitians .....	20.97	4.2	35.0	20.65	6.4	36.3	21.37	2.9	33.6
7 .....	19.08	6.4	35.3	19.13	6.7	35.2	–	–	–
9 .....	22.39	9.6	39.2	–	–	–	–	–	–
Respiratory therapists .....	21.28	5.9	36.8	21.32	6.1	36.7	–	–	–
6 .....	19.35	5.1	35.2	19.01	6.3	33.5	–	–	–
7 .....	19.48	3.9	38.3	19.48	3.9	38.3	–	–	–
Occupational therapists .....	22.68	8.1	34.1	22.65	8.3	34.0	–	–	–
9 .....	22.21	9.2	33.2	22.16	9.4	33.1	–	–	–
Physical therapists .....	28.09	3.9	34.4	28.14	4.3	34.3	–	–	–
9 .....	27.07	4.5	32.0	27.16	5.1	31.4	–	–	–
Speech therapists .....	33.13	6.8	32.0	25.75	5.1	29.7	42.05	3.9	35.3
9 .....	33.83	9.8	32.3	25.60	6.6	29.1	42.99	3.1	36.9
Therapists, n.e.c. ....	18.50	5.6	36.2	18.92	7.6	35.0	18.24	7.8	37.0
7 .....	18.94	5.4	40.0	–	–	–	–	–	–
9 .....	25.72	14.7	27.5	–	–	–	–	–	–
Physicians' assistants .....	22.48	21.4	38.4	22.48	21.4	38.4	–	–	–
Teachers, college and university .....	43.82	3.4	34.8	44.62	7.6	35.9	43.44	3.3	34.3
7 .....	22.31	17.9	23.8	22.71	23.8	22.0	–	–	–
8 .....	34.98	12.1	21.9	–	–	–	39.10	12.3	19.5
9 .....	31.06	9.4	28.5	27.86	13.9	27.4	31.55	11.9	28.7
10 .....	32.52	9.5	30.8	30.08	9.1	36.4	40.20	5.2	20.6
11 .....	35.01	5.8	35.7	29.29	3.1	37.0	40.41	5.0	34.7
12 .....	45.18	10.4	38.6	45.98	15.6	38.5	44.84	13.2	38.6
13 .....	48.73	2.7	38.6	53.35	7.3	38.1	47.50	2.5	38.7
Not able to be leveled .....	41.85	13.7	37.0	45.81	18.5	36.5	–	–	–
Biological science teachers .....	54.71	25.1	39.1	62.95	21.7	42.3	–	–	–

See footnotes at end of table.



TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003–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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar –Continued</b>									
<b>Professional specialty and technical –Continued</b>									
Professional specialty –Continued									
Teachers, college and university –Continued									
Chemistry teachers .....	\$35.42	8.4	32.2	\$34.07	17.6	32.6	–	–	–
Engineering teachers .....	66.34	15.2	35.4	–	–	–	\$70.26	11.3	34.9
Mathematical science teachers .....	46.69	3.6	37.4	46.53	8.7	40.2	–	–	–
13 .....	48.85	.9	38.6	–	–	–	–	–	–
Computer science teachers .....	50.02	9.0	33.8	–	–	–	–	–	–
Health specialties teachers .....	41.39	14.5	38.5	–	–	–	34.56	10.8	36.9
Business, commerce, and marketing teachers ..	41.02	8.7	23.3	34.04	12.3	16.5	43.55	11.3	27.5
Art, drama, and music teachers .....	31.55	15.2	33.9	40.18	20.6	25.1	29.09	12.4	37.7
Physical education teachers .....	28.95	11.2	37.9	–	–	–	–	–	–
Education teachers .....	39.08	9.0	37.0	30.64	8.0	36.2	–	–	–
English teachers .....	45.34	17.9	37.4	28.19	6.2	36.5	47.92	19.0	37.6
11 .....	33.91	10.2	38.4	–	–	–	–	–	–
Foreign language teachers .....	40.83	8.3	32.1	–	–	–	–	–	–
Teachers, except college and university .....	31.67	2.9	33.2	19.14	5.2	29.9	33.82	2.1	33.8
4 .....	10.63	6.0	11.7	10.87	11.1	7.9	–	–	–
5 .....	12.19	13.3	26.7	10.79	15.7	31.6	14.90	14.1	20.5
6 .....	22.74	14.9	29.9	12.95	11.2	30.7	29.77	8.3	29.3
7 .....	25.85	6.0	33.7	20.98	5.3	35.5	26.93	8.9	33.3
8 .....	33.20	6.1	33.1	20.82	13.0	27.4	34.96	7.5	34.1
9 .....	35.21	1.6	35.0	25.43	4.5	36.2	35.74	1.6	34.9
11 .....	38.80	9.4	35.9	–	–	–	39.32	9.7	35.8
Prekindergarten and kindergarten .....	18.79	21.7	34.5	10.83	17.8	33.9	31.87	7.3	35.4
6 .....	10.60	15.9	35.3	8.97	9.0	36.8	–	–	–
8 .....	30.05	20.7	35.6	–	–	–	36.51	8.6	34.0
9 .....	33.86	3.7	35.6	–	–	–	35.87	5.5	35.8
Elementary school teachers .....	34.05	2.7	35.0	21.72	4.8	36.4	35.21	2.7	34.9
6 .....	32.80	2.7	34.1	–	–	–	33.92	1.4	33.7
7 .....	27.06	7.4	35.2	21.49	4.0	35.7	28.29	11.5	35.1
8 .....	36.80	6.2	35.3	17.13	12.1	37.4	39.83	5.8	35.0
9 .....	35.56	2.7	35.0	23.77	5.0	36.5	36.17	3.1	34.9
Secondary school teachers .....	34.09	2.8	36.0	26.93	2.9	37.9	34.81	3.0	35.9
7 .....	25.92	7.9	36.2	–	–	–	25.93	9.0	36.2
8 .....	38.81	4.2	35.7	–	–	–	40.64	5.4	35.2
9 .....	34.45	2.7	36.3	27.65	4.4	37.9	34.95	2.8	36.2
Teachers, special education .....	33.64	5.3	35.9	–	–	–	34.61	4.6	35.8
8 .....	29.80	7.2	35.1	–	–	–	29.80	7.2	35.1
9 .....	35.58	5.9	36.5	–	–	–	37.09	4.4	36.4
Teachers, n.e.c. ....	31.31	6.5	28.2	22.94	10.6	19.5	33.23	7.4	31.4
4 .....	10.49	6.7	11.7	10.87	11.1	7.9	–	–	–
5 .....	14.81	13.2	26.6	16.76	18.4	31.1	12.98	8.9	23.4
6 .....	13.69	5.7	13.8	13.11	8.2	15.5	–	–	–
7 .....	26.39	17.8	31.5	–	–	–	–	–	–
8 .....	27.41	8.2	20.8	–	–	–	26.92	10.6	26.6
9 .....	35.85	5.0	33.0	35.92	2.7	29.9	35.85	5.2	33.1
Substitute teachers .....	13.45	9.5	15.4	8.85	14.2	13.9	13.97	9.5	15.6
5 .....	11.41	8.1	15.6	–	–	–	11.89	8.3	16.7
6 .....	10.14	2.6	13.1	–	–	–	9.99	4.3	10.4
7 .....	16.37	18.1	12.2	–	–	–	16.46	18.1	12.2
Vocational and educational counselors .....	23.53	7.6	36.8	16.55	15.8	39.5	26.21	11.1	35.8
5 .....	16.02	20.7	32.5	–	–	–	–	–	–
7 .....	15.91	1.9	40.0	–	–	–	–	–	–
8 .....	22.27	12.4	37.4	–	–	–	23.18	18.1	37.1
9 .....	33.44	7.5	35.8	–	–	–	34.14	7.5	35.7
Librarians, archivists, and curators .....	25.39	7.0	37.4	24.90	18.4	38.4	25.71	6.9	36.8
6 .....	15.99	7.1	35.1	–	–	–	16.72	6.2	33.5
7 .....	19.44	1.8	31.1	–	–	–	19.44	1.8	31.1
8 .....	23.61	16.5	37.4	–	–	–	26.26	19.2	35.7
9 .....	27.65	5.8	36.9	23.58	11.5	32.4	28.67	6.8	38.2

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003–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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar –Continued</b>									
<b>Professional specialty and technical –Continued</b>									
Professional specialty –Continued									
Librarians, archivists, and curators –Continued									
10 .....	\$20.19	4.8	38.1	–	–	–	\$22.11	1.4	35.8
11 .....	26.51	2.2	39.6	–	–	–	29.29	5.6	39.6
Librarians .....	26.53	7.3	37.4	\$26.14	19.9	38.1	26.77	5.6	36.9
6 .....	15.60	8.3	34.5	–	–	–	16.72	6.2	33.5
7 .....	19.44	1.8	31.1	–	–	–	19.44	1.8	31.1
8 .....	23.61	16.5	37.4	–	–	–	26.26	19.2	35.7
9 .....	27.65	5.8	36.9	23.58	11.5	32.4	28.67	6.8	38.2
10 .....	20.29	5.2	38.6	–	–	–	22.42	2.5	36.8
11 .....	28.47	6.4	39.4	–	–	–	29.78	4.8	39.5
Archivists and curators .....	17.45	14.0	37.8	–	–	–	–	–	–
Social scientists and urban planners .....	24.56	14.4	35.3	21.24	14.6	36.3	29.97	22.2	33.9
7 .....	17.60	12.2	38.8	17.49	13.7	38.8	–	–	–
8 .....	22.38	13.9	27.8	–	–	–	–	–	–
9 .....	33.48	20.4	34.2	–	–	–	42.90	10.8	38.0
11 .....	31.65	10.1	34.7	–	–	–	–	–	–
Economists .....	17.94	10.8	40.0	18.06	11.9	40.0	–	–	–
Psychologists .....	27.23	14.0	37.1	21.16	18.8	36.4	37.89	14.6	38.5
9 .....	35.83	21.0	33.4	–	–	–	–	–	–
Urban planners .....	20.58	11.9	14.4	–	–	–	20.58	11.9	14.4
Social, recreation, and religious workers .....	18.26	4.3	37.3	16.24	4.3	37.3	21.40	4.9	37.3
5 .....	13.15	6.3	39.1	11.73	6.3	39.2	15.38	2.6	38.8
6 .....	16.15	6.6	38.9	14.52	7.4	39.1	18.40	9.5	38.5
7 .....	16.80	3.4	37.9	16.47	4.2	37.8	18.04	2.9	38.4
8 .....	19.53	5.8	38.2	16.22	2.6	38.3	21.76	6.0	38.2
9 .....	20.96	3.6	38.1	20.13	7.0	36.7	21.83	2.6	39.7
10 .....	21.17	9.5	35.2	–	–	–	27.28	15.4	37.8
11 .....	41.56	24.7	30.6	–	–	–	43.65	24.3	34.4
Not able to be leveled .....	15.94	4.1	27.2	–	–	–	–	–	–
Social workers .....	18.17	4.6	38.0	15.68	3.6	37.5	21.59	5.2	38.7
5 .....	13.21	6.5	39.5	11.73	6.3	39.2	15.59	2.8	39.9
6 .....	15.36	6.1	39.0	14.49	7.8	39.1	17.03	11.3	38.9
7 .....	16.44	3.5	38.4	15.91	4.1	38.4	18.08	3.0	38.7
8 .....	19.61	6.0	38.2	15.91	3.7	38.4	21.76	6.0	38.2
9 .....	20.86	3.7	38.1	19.87	7.6	36.6	21.83	2.6	39.7
10 .....	21.56	13.5	32.8	–	–	–	27.28	15.4	37.8
11 .....	42.06	24.2	30.5	–	–	–	43.65	24.3	34.4
Recreation workers .....	18.72	8.8	28.8	19.10	7.6	34.0	18.03	17.1	22.6
Lawyers and judges .....	45.17	16.8	40.1	46.92	22.0	42.2	41.47	21.9	36.3
11 .....	46.85	32.1	39.6	–	–	–	27.46	7.2	37.8
12 .....	44.84	28.8	39.9	45.96	34.1	40.5	37.49	7.8	36.5
13 .....	63.74	5.4	37.4	–	–	–	–	–	–
Not able to be leveled .....	63.78	14.4	44.1	63.95	14.3	44.2	–	–	–
Lawyers .....	45.23	16.9	40.1	46.92	22.0	42.2	41.61	22.2	36.3
11 .....	46.85	32.1	39.6	–	–	–	27.46	7.2	37.8
12 .....	44.84	28.8	39.9	45.96	34.1	40.5	37.49	7.8	36.5
13 .....	64.74	4.8	37.3	–	–	–	–	–	–
Not able to be leveled .....	63.95	14.3	44.2	63.95	14.3	44.2	–	–	–
Writers, authors, entertainers, athletes, and professionals, n.e.c. ....	23.02	6.4	33.7	21.70	7.5	33.4	36.33	13.8	36.7
5 .....	16.28	10.6	38.9	16.36	10.6	39.4	–	–	–
6 .....	15.91	5.0	36.9	15.50	4.9	36.8	–	–	–
7 .....	16.64	4.9	39.8	16.63	5.1	39.8	–	–	–
8 .....	23.02	7.1	40.4	23.00	7.6	40.4	–	–	–
9 .....	26.44	4.9	39.6	26.41	5.0	39.7	–	–	–
11 .....	39.05	4.7	33.6	39.05	4.7	33.6	–	–	–
12 .....	35.25	11.2	39.3	35.25	11.2	39.3	–	–	–
Not able to be leveled .....	23.85	9.7	28.6	20.62	14.4	27.6	42.28	14.8	36.0
Technical writers .....	21.80	11.9	39.2	21.80	11.9	39.2	–	–	–

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Professional specialty and technical—Continued</b>									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Designers .....	\$21.09	7.3	38.9	\$21.03	7.1	39.0	—	—	—
6 .....	16.08	8.1	36.1	—	—	—	—	—	—
9 .....	27.97	4.1	40.0	27.97	4.1	40.0	—	—	—
Actors and directors .....	29.97	27.6	37.1	29.97	27.6	37.1	—	—	—
Not able to be leveled .....	29.97	27.6	37.1	29.97	27.6	37.1	—	—	—
Painters, sculptors, craft artists, and artist printmakers .....									
18.35	14.8	38.4	18.35	14.8	38.4	—	—	—	—
Not able to be leveled .....	18.35	14.8	38.4	18.35	14.8	38.4	—	—	—
Photographers .....	17.86	20.5	27.6	17.86	20.5	27.6	—	—	—
Editors and reporters .....	23.04	7.7	39.3	23.12	7.7	39.3	—	—	—
6 .....	14.79	9.6	38.0	14.72	10.1	38.0	—	—	—
7 .....	15.97	10.8	40.0	15.97	10.8	40.0	—	—	—
9 .....	26.17	13.8	40.2	26.18	13.8	40.2	—	—	—
Public relations specialists .....	24.03	3.6	39.5	24.52	4.0	39.2	\$23.13	3.6	40.0
Announcers .....	15.37	28.1	24.9	15.37	28.1	24.9	—	—	—
Not able to be leveled .....	15.37	28.1	24.9	15.37	28.1	24.9	—	—	—
Athletes .....	30.12	38.2	26.4	14.64	19.7	21.7	—	—	—
Not able to be leveled .....	30.12	38.2	26.4	14.64	19.7	21.7	—	—	—
Professional, n.e.c. ....	28.95	9.2	37.2	27.43	9.9	36.4	—	—	—
Not able to be leveled .....	34.37	11.0	39.4	34.60	16.8	38.9	—	—	—
Technical .....	20.20	2.1	35.7	20.32	2.0	35.5	19.06	9.2	37.7
3 .....	11.04	4.0	36.7	11.03	4.9	36.4	—	—	—
4 .....	12.83	4.9	37.4	12.64	4.8	37.5	15.31	6.0	36.0
5 .....	15.65	3.5	33.8	15.84	2.8	33.4	14.02	4.2	36.9
6 .....	17.69	3.1	32.9	17.83	3.4	32.3	16.93	8.7	36.8
7 .....	20.79	4.0	36.6	20.95	4.5	36.4	19.51	2.6	38.3
8 .....	22.29	6.9	37.1	22.22	7.1	37.0	23.78	3.8	39.0
9 .....	28.30	2.7	38.9	28.43	3.5	38.8	27.79	5.7	39.1
10 .....	35.16	7.6	37.8	35.50	8.3	38.0	—	—	—
11 .....	70.83	14.3	29.3	70.83	14.3	29.3	—	—	—
Not able to be leveled .....	21.17	5.9	37.4	21.11	5.9	37.4	—	—	—
Clinical laboratory technologists and technicians .....									
17.14	3.7	37.3	17.20	3.7	37.3	—	—	—	—
3 .....	11.81	2.7	36.1	12.04	2.5	35.7	—	—	—
4 .....	11.98	5.4	38.6	11.94	5.6	39.0	—	—	—
5 .....	13.65	10.3	35.2	13.62	10.3	35.2	—	—	—
6 .....	18.01	3.1	34.5	18.01	3.1	34.5	—	—	—
8 .....	21.67	4.7	37.1	21.67	4.7	37.1	—	—	—
9 .....	23.63	5.4	37.7	23.67	5.4	37.6	—	—	—
Not able to be leveled .....	17.30	8.4	39.9	17.30	8.4	39.9	—	—	—
Dental hygienists .....	25.03	7.4	22.6	25.45	7.4	22.1	—	—	—
7 .....	25.11	9.6	24.7	25.94	8.1	23.6	—	—	—
Health record technologists and technicians .....	14.18	3.7	32.8	13.72	3.9	32.2	—	—	—
Radiological technicians .....	23.88	5.8	33.0	23.96	5.9	32.9	21.39	6.7	34.3
5 .....	19.00	2.8	26.8	19.00	2.8	26.8	—	—	—
6 .....	20.32	4.4	30.3	20.39	4.7	29.8	—	—	—
7 .....	28.41	7.2	34.2	28.56	7.3	34.1	—	—	—
8 .....	25.94	3.8	38.7	25.94	3.8	38.7	—	—	—
Licensed practical nurses .....	16.46	1.4	34.5	16.45	1.2	34.2	16.47	5.6	37.3
4 .....	14.92	4.6	36.3	14.91	6.0	35.1	—	—	—
5 .....	16.08	3.1	30.5	16.08	3.3	30.2	—	—	—
6 .....	16.98	3.9	35.3	17.59	1.8	34.3	15.66	7.1	37.8
7 .....	16.45	3.4	38.5	16.23	2.8	38.8	18.82	10.8	35.7
Not able to be leveled .....	17.31	10.1	36.9	17.31	10.1	36.9	—	—	—
Health technologists and technicians, n.e.c. ....	15.92	6.5	34.5	15.96	6.9	34.3	15.43	8.0	38.0
3 .....	11.07	3.6	35.2	10.92	4.8	34.2	—	—	—
4 .....	12.82	6.2	38.8	12.65	5.7	38.8	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Professional specialty and technical—Continued</b>									
Technical—Continued									
Health technologists and technicians, n.e.c.—Continued									
5 .....	\$14.43	3.2	35.5	\$14.68	3.3	35.3	—	—	—
6 .....	16.47	4.3	36.3	16.46	4.3	36.5	—	—	—
7 .....	20.09	5.0	36.7	20.13	5.8	36.2	—	—	—
9 .....	27.85	12.8	39.4	—	—	—	\$24.49	9.6	35.9
Not able to be leveled .....	16.17	9.7	23.1	16.17	9.7	23.1	—	—	—
Electrical and electronic technicians .....	23.89	3.5	39.4	23.91	3.5	39.5	—	—	—
6 .....	23.34	7.7	40.0	23.34	7.7	40.0	—	—	—
7 .....	25.13	5.7	40.0	25.23	5.8	40.0	—	—	—
8 .....	23.98	5.1	39.8	23.98	5.1	39.8	—	—	—
Not able to be leveled .....	27.58	5.6	40.0	27.58	5.6	40.0	—	—	—
Industrial engineering technicians .....	23.55	9.3	40.0	23.55	9.3	40.0	—	—	—
Mechanical engineering technicians .....	22.20	7.9	40.5	22.20	7.9	40.5	—	—	—
7 .....	22.13	8.9	41.1	22.13	8.9	41.1	—	—	—
8 .....	23.76	10.0	40.0	23.76	10.0	40.0	—	—	—
Not able to be leveled .....	20.67	11.1	40.0	20.67	11.1	40.0	—	—	—
Engineering technicians, n.e.c. ....	23.64	5.1	39.1	23.86	5.5	39.5	22.53	8.6	37.6
5 .....	18.21	7.4	38.2	17.80	7.4	39.5	—	—	—
6 .....	18.63	8.4	40.0	—	—	—	—	—	—
7 .....	20.42	5.5	40.0	20.50	5.9	40.0	—	—	—
8 .....	27.30	5.4	40.0	27.80	5.9	40.1	—	—	—
Not able to be leveled .....	25.97	7.4	40.0	25.97	7.4	40.0	—	—	—
Drafters .....	20.47	2.4	38.4	20.47	2.4	38.4	—	—	—
5 .....	16.43	9.7	40.0	16.43	9.7	40.0	—	—	—
7 .....	21.05	5.5	40.0	21.05	5.5	40.0	—	—	—
Surveying and mapping technicians .....	16.27	7.4	39.6	—	—	—	17.06	13.6	37.8
Biological technicians .....	15.57	6.8	39.6	15.64	7.2	39.5	—	—	—
Chemical technicians .....	20.17	4.5	39.8	20.22	4.7	39.7	—	—	—
4 .....	16.69	4.7	39.4	16.66	4.9	39.4	—	—	—
5 .....	15.40	10.2	40.4	—	—	—	—	—	—
7 .....	19.30	5.2	39.5	19.23	5.7	39.4	—	—	—
8 .....	24.38	5.4	40.0	24.67	6.4	40.0	—	—	—
Science technicians, n.e.c. ....	18.15	6.3	40.0	18.28	7.3	40.0	—	—	—
Airplane pilots and navigators .....	69.75	28.4	19.3	69.75	28.4	19.3	—	—	—
Broadcast equipment operators .....	14.67	7.2	29.6	14.90	8.3	29.5	—	—	—
4 .....	14.56	9.8	37.1	15.16	9.5	39.2	—	—	—
Computer programmers .....	27.28	2.7	39.2	26.77	4.0	39.1	32.62	7.3	40.0
7 .....	22.56	5.8	37.1	22.56	5.8	37.1	—	—	—
9 .....	29.90	3.8	39.5	28.96	2.7	39.4	—	—	—
10 .....	36.89	7.3	39.8	36.89	7.3	39.8	—	—	—
Not able to be leveled .....	26.63	17.9	40.0	25.81	21.7	40.0	—	—	—
Legal assistants .....	25.14	10.6	36.5	25.91	13.0	36.6	—	—	—
Technical and related, n.e.c. ....	18.21	7.7	39.1	17.76	8.3	39.5	19.62	17.0	37.7
5 .....	14.02	4.6	38.1	14.59	9.9	39.9	—	—	—
6 .....	19.06	9.1	31.7	16.31	8.8	29.0	21.17	3.7	34.0
7 .....	19.91	3.7	39.0	—	—	—	19.89	3.8	39.0
8 .....	22.42	9.1	39.8	21.89	10.1	40.0	—	—	—
9 .....	27.08	1.5	40.1	—	—	—	—	—	—
<b>Executive, administrative, and managerial .....</b>	<b>30.94</b>	<b>1.7</b>	<b>39.4</b>	<b>30.65</b>	<b>1.9</b>	<b>39.6</b>	<b>32.71</b>	<b>6.9</b>	<b>38.5</b>
5 .....	15.75	6.4	36.4	15.65	7.9	36.2	16.57	6.4	38.2
6 .....	22.44	12.0	36.0	23.22	16.1	35.4	19.71	4.0	38.4
7 .....	20.20	3.7	38.8	20.27	3.9	38.7	19.64	5.4	39.2
8 .....	22.67	3.3	40.1	22.65	2.4	40.2	22.80	9.5	39.8
9 .....	26.92	3.1	39.9	26.64	2.8	40.1	28.51	5.3	38.9
10 .....	31.74	1.4	38.2	31.64	1.6	38.3	32.45	3.6	37.3
11 .....	35.12	1.2	40.5	34.62	1.8	40.6	37.38	3.1	39.9
12 .....	42.81	1.9	40.1	43.00	2.6	40.4	42.14	5.3	39.0

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Executive, administrative, and managerial—Continued</b>									
13 .....	\$57.74	4.6	39.8	\$56.97	4.6	40.2	\$59.78	9.8	38.7
14 .....	58.28	3.5	41.1	59.31	3.8	41.2	51.80	10.4	40.8
Not able to be leveled .....	33.55	3.6	39.0	33.42	3.9	39.6	37.31	9.5	28.2
Executives, administrators, and managers .....	34.81	2.6	40.2	34.30	2.9	40.5	37.64	7.1	38.2
5 .....	12.90	5.0	39.5	12.73	5.7	39.5	—	—	—
6 .....	18.99	5.6	39.7	19.08	6.4	39.7	—	—	—
7 .....	20.01	9.7	40.8	19.77	11.0	41.0	21.39	7.3	39.9
8 .....	22.68	5.0	40.5	22.84	4.0	40.6	21.32	16.5	39.7
9 .....	27.48	3.9	40.3	26.93	3.4	40.6	30.80	5.7	38.7
10 .....	33.33	1.1	39.9	33.50	1.3	40.2	31.98	6.4	37.9
11 .....	35.82	2.4	40.7	35.10	3.0	40.9	38.81	3.6	39.9
12 .....	43.15	2.4	40.1	43.49	3.4	40.5	42.14	5.3	39.0
13 .....	57.87	4.6	39.7	57.14	4.6	40.2	59.78	9.8	38.7
14 .....	58.42	3.6	41.2	59.56	4.1	41.3	51.80	10.4	40.8
Not able to be leveled .....	38.07	5.3	39.3	38.10	5.9	40.2	37.47	9.5	28.1
Legislators .....	21.14	32.2	8.4	—	—	—	21.14	32.2	8.4
Not able to be leveled .....	21.14	32.2	8.4	—	—	—	21.14	32.2	8.4
Administrators and officials, public administration .....	32.08	4.5	38.5	—	—	—	32.48	4.5	39.0
9 .....	29.80	4.2	37.9	—	—	—	29.82	4.2	37.9
10 .....	29.35	6.8	40.1	—	—	—	29.35	6.8	40.1
11 .....	34.89	1.9	40.2	—	—	—	34.89	1.9	40.2
12 .....	39.65	7.2	40.0	—	—	—	39.98	7.7	40.0
13 .....	45.67	6.6	40.0	—	—	—	45.67	6.6	40.0
Not able to be leveled .....	35.86	10.9	35.5	—	—	—	39.15	8.8	37.1
Financial managers .....	31.94	6.1	40.7	31.94	6.2	40.7	—	—	—
7 .....	17.08	11.9	40.0	17.08	11.9	40.0	—	—	—
8 .....	23.16	5.9	41.8	23.16	5.9	41.8	—	—	—
9 .....	24.94	3.7	41.1	24.91	3.7	41.1	—	—	—
10 .....	28.96	9.7	40.9	28.96	9.7	40.9	—	—	—
11 .....	34.28	6.6	41.3	34.27	6.7	41.3	—	—	—
12 .....	44.90	8.2	39.5	44.94	8.1	39.5	—	—	—
13 .....	56.23	8.8	40.2	56.23	8.8	40.2	—	—	—
Not able to be leveled .....	35.62	10.7	40.4	35.62	10.7	40.4	—	—	—
Personnel and labor relations managers .....	46.90	10.8	42.9	46.67	10.9	43.1	—	—	—
9 .....	27.37	11.3	42.5	—	—	—	—	—	—
Purchasing managers .....	35.74	4.2	39.1	35.79	4.2	39.1	—	—	—
Managers, marketing, advertising, and public relations .....	40.88	6.1	41.0	40.98	6.2	41.0	—	—	—
9 .....	27.94	5.5	40.2	27.94	5.5	40.2	—	—	—
10 .....	36.99	12.1	40.0	36.99	12.1	40.0	—	—	—
11 .....	39.87	3.8	43.4	39.87	3.8	43.4	—	—	—
12 .....	47.72	6.5	41.6	47.72	6.5	41.6	—	—	—
Not able to be leveled .....	48.89	14.3	40.9	48.89	14.3	40.9	—	—	—
Administrators, education and related fields .....	38.41	5.7	39.5	28.83	10.0	41.3	41.04	4.9	39.0
7 .....	15.58	2.3	40.0	—	—	—	—	—	—
8 .....	21.63	7.5	40.0	—	—	—	—	—	—
9 .....	32.73	7.9	39.2	26.20	5.6	38.5	35.87	5.3	39.5
10 .....	34.25	11.8	39.0	—	—	—	37.40	10.3	38.5
11 .....	41.38	3.6	39.9	29.64	12.8	39.2	42.70	2.5	40.0
12 .....	42.55	8.1	38.4	—	—	—	42.66	8.2	38.3
13 .....	50.86	4.3	41.1	—	—	—	48.04	8.7	39.9
Not able to be leveled .....	29.39	13.3	39.2	29.39	13.3	39.2	—	—	—
Managers, medicine and health .....	38.04	14.8	39.4	31.70	9.7	39.9	58.88	14.1	38.0
8 .....	22.74	8.4	40.6	20.46	5.8	40.7	—	—	—
10 .....	31.90	3.9	40.2	31.90	3.9	40.2	—	—	—
11 .....	35.96	3.5	39.6	36.59	4.5	40.0	—	—	—
12 .....	38.72	4.7	39.9	38.65	5.1	39.9	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Executive, administrative, and managerial—Continued</b>									
Executives, administrators, and managers—Continued									
Managers, food servicing and lodging establishments .....									
	\$16.59	16.4	43.9	\$16.43	17.8	44.5	—	—	—
Managers, properties and real estate .....	29.25	13.5	40.0	—	—	—	—	—	—
Managers, service organizations, n.e.c. ....	26.19	9.0	37.5	25.53	10.9	37.3	\$32.36	12.9	39.5
7 .....	20.60	8.4	39.7	20.60	8.4	39.7	—	—	—
8 .....	20.59	9.2	39.1	20.59	9.2	39.1	—	—	—
9 .....	21.98	5.7	36.2	20.70	7.4	35.0	25.50	10.4	40.0
11 .....	39.05	6.9	39.7	—	—	—	—	—	—
12 .....	33.93	14.8	40.1	32.74	11.2	40.1	—	—	—
Managers and administrators, n.e.c. ....	35.39	4.3	40.6	35.53	4.5	40.5	30.50	9.9	41.1
7 .....	21.67	15.6	40.3	21.66	16.4	40.3	—	—	—
8 .....	23.33	6.4	40.4	23.60	5.5	40.3	—	—	—
9 .....	28.13	5.7	40.8	28.20	5.8	40.9	25.83	5.1	39.8
10 .....	36.51	5.3	39.4	36.85	5.3	39.8	—	—	—
11 .....	34.22	3.4	40.7	34.23	3.4	40.7	33.41	8.1	39.9
12 .....	44.73	2.6	40.9	45.16	2.5	40.7	—	—	—
13 .....	54.71	10.2	40.3	55.30	10.6	40.1	—	—	—
14 .....	62.06	3.4	39.8	61.68	3.5	39.8	—	—	—
Not able to be leveled .....	37.61	10.4	40.5	37.61	10.4	40.5	—	—	—
Management related .....	25.10	.7	38.3	25.29	.9	38.2	23.70	2.6	39.0
5 .....	16.56	5.6	35.7	16.44	6.9	35.5	17.58	3.0	37.5
6 .....	23.41	15.1	35.1	24.57	20.9	34.2	19.89	4.8	38.2
7 .....	20.31	2.0	37.7	20.54	2.3	37.6	18.03	4.9	38.6
8 .....	22.67	3.2	39.8	22.47	2.9	39.8	23.28	9.1	39.9
9 .....	26.11	2.6	39.4	26.21	2.5	39.4	25.59	3.8	39.2
10 .....	30.10	3.0	36.5	29.68	4.0	36.5	32.87	1.8	36.8
11 .....	32.68	2.5	39.7	33.08	3.3	39.7	—	—	—
12 .....	40.68	2.7	39.7	40.68	2.7	39.7	—	—	—
Not able to be leveled .....	25.74	3.9	38.5	25.75	3.9	38.5	—	—	—
Accountants and auditors .....	23.80	2.4	37.1	23.79	2.3	36.9	23.90	6.0	38.6
6 .....	19.80	6.4	39.1	20.87	9.5	40.0	—	—	—
7 .....	19.78	5.8	34.2	19.85	6.0	33.9	—	—	—
8 .....	22.02	4.4	39.9	22.13	5.5	39.9	21.47	6.3	40.0
9 .....	24.58	2.9	37.8	24.47	4.0	37.7	25.03	5.2	38.2
11 .....	28.35	8.4	41.4	28.35	8.4	41.4	—	—	—
Not able to be leveled .....	22.93	3.8	39.8	22.94	3.8	39.8	—	—	—
Underwriters .....	22.18	8.5	38.8	22.18	8.5	38.8	—	—	—
Other financial officers .....	26.67	9.6	38.7	26.82	10.1	38.6	24.30	7.2	40.0
5 .....	15.51	6.3	33.9	15.51	6.3	33.9	—	—	—
7 .....	18.55	4.2	38.6	18.09	4.2	38.5	—	—	—
8 .....	21.92	6.1	39.4	21.78	6.3	39.4	—	—	—
9 .....	26.49	4.7	40.3	26.89	3.7	40.4	—	—	—
10 .....	28.31	7.9	40.0	28.31	7.9	40.0	—	—	—
11 .....	32.64	2.0	40.1	34.24	6.3	40.1	—	—	—
Not able to be leveled .....	26.30	5.3	39.1	26.30	5.3	39.1	—	—	—
Management analysts .....	31.58	6.2	39.5	31.84	7.0	39.5	—	—	—
9 .....	27.88	5.9	38.5	26.91	7.5	37.7	—	—	—
Not able to be leveled .....	38.50	19.6	40.0	38.50	19.6	40.0	—	—	—
Personnel, training, and labor relations specialists .....									
6 .....	24.66	3.8	37.2	24.87	3.4	37.1	22.52	10.3	37.7
7 .....	18.23	16.2	16.7	—	—	—	—	—	—
8 .....	22.37	8.6	40.0	22.54	9.0	40.6	—	—	—
9 .....	21.37	5.8	39.8	21.79	6.9	39.8	—	—	—
10 .....	26.97	5.3	39.2	27.41	4.8	39.1	—	—	—
Not able to be leveled .....	28.34	4.5	38.9	27.14	10.3	40.0	—	—	—
Not able to be leveled .....	23.86	8.0	34.6	23.86	8.0	34.6	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Executive, administrative, and managerial—Continued</b>									
Management related—Continued									
Buyers, wholesale and retail trade, except farm products .....	\$25.43	8.3	40.2	\$25.52	8.4	40.3	—	—	—
Purchasing agents and buyers, n.e.c. ....	26.02	4.2	40.3	26.08	4.4	40.3	—	—	—
6 .....	21.50	5.4	39.9	21.44	5.6	40.0	—	—	—
7 .....	22.12	11.2	40.0	22.12	11.2	40.0	—	—	—
8 .....	27.54	8.7	40.0	27.91	8.8	40.0	—	—	—
9 .....	27.23	6.0	41.0	27.23	6.0	41.0	—	—	—
11 .....	39.50	14.5	40.0	39.50	14.5	40.0	—	—	—
Construction inspectors .....	24.19	10.5	39.4	—	—	—	\$23.96	11.0	39.3
8 .....	28.02	8.0	39.9	—	—	—	28.02	8.0	39.9
Inspectors and compliance officers, except construction .....	22.31	5.1	39.4	24.50	7.7	39.8	20.43	3.3	39.1
Management related, n.e.c. ....	24.91	2.4	38.7	24.83	2.3	38.7	25.74	5.8	39.0
5 .....	13.37	10.5	34.9	13.42	10.8	34.8	—	—	—
6 .....	19.53	3.2	36.4	19.03	2.8	36.5	—	—	—
7 .....	20.41	4.3	38.1	20.51	4.1	38.1	—	—	—
8 .....	21.86	3.1	39.6	22.04	3.7	39.6	—	—	—
9 .....	25.88	3.0	40.7	25.71	3.3	41.0	26.75	3.4	39.3
10 .....	33.76	4.7	39.0	33.76	4.7	39.0	—	—	—
11 .....	32.63	5.1	39.5	32.59	6.6	39.4	—	—	—
12 .....	37.57	6.6	39.3	37.57	6.6	39.3	—	—	—
Not able to be leveled .....	26.81	8.5	38.3	26.81	8.5	38.3	—	—	—
<b>Sales</b> .....	17.19	6.1	31.9	17.20	6.1	31.9	15.52	9.6	27.6
1 .....	7.35	1.7	23.5	7.35	1.7	23.5	7.76	8.3	20.6
2 .....	7.89	3.7	26.1	7.89	3.7	26.1	—	—	—
3 .....	8.80	1.4	28.4	8.75	1.4	28.5	—	—	—
4 .....	12.10	3.2	36.2	12.10	3.2	36.2	—	—	—
5 .....	18.92	8.8	39.9	18.91	8.8	39.9	—	—	—
6 .....	18.72	6.6	40.4	18.71	6.6	40.4	—	—	—
7 .....	24.44	5.3	41.2	24.44	5.3	41.2	—	—	—
8 .....	26.17	12.7	39.2	26.21	12.8	39.2	—	—	—
9 .....	50.39	32.8	40.5	50.39	32.8	40.5	—	—	—
10 .....	40.23	10.4	41.2	40.23	10.4	41.2	—	—	—
11 .....	71.91	38.1	42.6	71.91	38.1	42.6	—	—	—
Not able to be leveled .....	19.20	11.2	37.6	19.20	11.2	37.6	—	—	—
Supervisors, sales .....	17.31	4.7	41.3	17.31	4.7	41.3	—	—	—
4 .....	10.77	3.8	39.5	10.77	3.8	39.5	—	—	—
5 .....	13.25	5.1	42.4	13.25	5.1	42.4	—	—	—
6 .....	14.98	7.0	40.9	14.98	7.0	40.9	—	—	—
7 .....	17.90	6.3	42.5	17.90	6.3	42.5	—	—	—
8 .....	22.34	13.9	37.9	22.39	14.0	37.9	—	—	—
9 .....	28.33	5.8	40.9	28.33	5.8	40.9	—	—	—
11 .....	43.03	9.2	45.7	43.03	9.2	45.7	—	—	—
Not able to be leveled .....	15.43	18.6	43.1	15.43	18.6	43.1	—	—	—
Insurance sales .....	24.51	17.8	37.7	24.51	17.8	37.7	—	—	—
Real estate sales .....	21.97	22.5	39.5	21.97	22.5	39.5	—	—	—
Securities and financial services sales .....	77.36	6.5	40.8	77.36	6.5	40.8	—	—	—
Not able to be leveled .....	55.61	38.3	40.0	55.61	38.3	40.0	—	—	—
Advertising and related sales .....	24.00	13.6	38.9	23.99	13.6	38.8	—	—	—
4 .....	13.42	7.9	40.0	13.42	7.9	40.0	—	—	—
Sales, other business services .....	22.83	9.6	39.5	22.83	9.6	39.5	—	—	—
4 .....	11.43	13.7	38.1	11.43	13.7	38.1	—	—	—
5 .....	17.90	13.8	43.0	17.90	13.8	43.0	—	—	—
6 .....	21.33	14.3	42.1	21.33	14.3	42.1	—	—	—
7 .....	18.62	9.0	40.6	18.62	9.0	40.6	—	—	—
10 .....	47.39	14.8	40.8	47.39	14.8	40.8	—	—	—
Not able to be leveled .....	26.06	6.1	36.9	26.06	6.1	36.9	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Sales—Continued</b>									
Sales engineers .....	\$31.94	21.0	40.7	\$31.94	21.0	40.7	—	—	—
Sales representatives, mining, manufacturing, and wholesale .....	28.15	7.3	40.0	28.15	7.3	40.0	—	—	—
4 .....	15.49	19.1	34.1	15.49	19.1	34.1	—	—	—
5 .....	31.28	17.6	38.9	31.28	17.6	38.9	—	—	—
6 .....	17.28	7.5	40.9	17.28	7.5	40.9	—	—	—
7 .....	34.77	11.2	40.2	34.77	11.2	40.2	—	—	—
8 .....	28.63	6.5	40.1	28.63	6.5	40.1	—	—	—
9 .....	31.22	6.2	40.9	31.22	6.2	40.9	—	—	—
11 .....	36.70	8.4	42.0	36.70	8.4	42.0	—	—	—
Not able to be leveled .....	21.79	7.1	40.0	21.79	7.1	40.0	—	—	—
Sales workers, motor vehicles and boats .....	16.53	8.3	43.2	16.53	8.3	43.2	—	—	—
4 .....	18.48	6.4	48.0	18.48	6.4	48.0	—	—	—
5 .....	17.51	13.1	39.9	17.51	13.1	39.9	—	—	—
Sales workers, apparel .....	8.42	7.2	24.6	8.42	7.2	24.6	—	—	—
1 .....	6.90	1.6	21.4	6.90	1.6	21.4	—	—	—
2 .....	8.36	6.3	21.6	8.36	6.3	21.6	—	—	—
3 .....	7.54	2.8	24.3	7.54	2.8	24.3	—	—	—
Sales workers, furniture and home furnishings .....	10.53	6.6	27.9	10.53	6.6	27.9	—	—	—
3 .....	9.05	2.5	21.8	9.05	2.5	21.8	—	—	—
4 .....	12.50	5.1	40.1	12.50	5.1	40.1	—	—	—
Sales workers, hardware and building supplies .....	12.38	13.3	33.7	12.38	13.3	33.7	—	—	—
3 .....	8.75	9.8	29.1	8.75	9.8	29.1	—	—	—
4 .....	10.96	3.1	34.7	10.96	3.1	34.7	—	—	—
Sales workers, parts .....	13.70	11.3	33.1	13.70	11.3	33.1	—	—	—
3 .....	10.40	11.5	30.4	10.40	11.5	30.4	—	—	—
4 .....	12.84	7.8	34.9	12.84	7.8	34.9	—	—	—
Sales workers, other commodities .....	10.20	5.6	26.8	10.20	5.6	26.8	—	—	—
1 .....	7.51	2.5	20.7	7.51	2.5	20.7	—	—	—
2 .....	7.88	3.4	27.5	7.88	3.4	27.5	—	—	—
3 .....	9.44	6.8	27.9	9.44	6.8	27.9	—	—	—
4 .....	10.43	5.9	27.3	10.43	5.9	27.3	—	—	—
Sales counter clerks .....	9.51	6.1	27.6	9.51	6.1	27.6	—	—	—
1 .....	7.12	8.2	15.7	7.12	8.2	15.7	—	—	—
2 .....	8.51	8.5	21.6	8.51	8.5	21.6	—	—	—
3 .....	10.21	12.2	38.0	10.21	12.2	38.0	—	—	—
4 .....	14.15	11.7	40.0	14.15	11.7	40.0	—	—	—
Cashiers .....	7.88	2.3	27.2	7.84	2.1	27.2	\$14.04	11.4	25.9
1 .....	7.35	2.5	25.5	7.34	2.5	25.5	7.70	9.0	21.7
2 .....	7.81	4.0	26.0	7.81	4.0	26.0	—	—	—
3 .....	8.36	2.7	30.4	8.23	2.4	30.5	—	—	—
4 .....	12.27	6.3	38.8	12.23	6.7	38.7	—	—	—
Demonstrators, promoters, and models, sales .....	9.33	2.4	21.2	9.34	2.4	21.4	—	—	—
Sales support, n.e.c. ....	14.53	14.7	33.9	14.47	14.7	33.9	—	—	—
4 .....	11.44	6.8	35.2	11.44	6.8	35.2	—	—	—
<b>Administrative support, including clerical .....</b>	<b>13.87</b>	<b>1.2</b>	<b>36.5</b>	<b>13.80</b>	<b>1.5</b>	<b>36.5</b>	<b>14.28</b>	<b>2.4</b>	<b>36.6</b>
1 .....	9.16	2.1	25.9	9.11	2.1	25.9	9.60	6.7	26.1
2 .....	10.12	1.3	32.9	10.02	1.1	33.4	10.85	4.8	30.2
3 .....	11.59	1.4	35.6	11.43	1.6	35.6	12.71	2.0	35.7
4 .....	13.58	1.4	37.8	13.56	1.5	37.7	13.68	4.0	38.0
5 .....	15.33	2.0	37.8	15.12	2.4	37.9	16.40	2.9	37.2
6 .....	17.06	2.9	39.4	17.51	2.6	39.5	15.37	4.2	39.0
7 .....	19.56	1.9	39.4	19.54	2.3	39.5	19.67	4.3	38.9
8 .....	20.89	5.3	39.6	21.22	6.6	39.6	18.96	3.0	39.9
9 .....	24.91	3.2	40.1	25.06	3.2	40.1	—	—	—
Not able to be leveled .....	14.46	5.6	37.5	14.45	5.6	37.5	—	—	—
Supervisors, general office .....	19.21	7.8	39.3	19.25	8.6	39.3	18.82	5.3	39.4
5 .....	12.78	14.3	38.7	12.72	14.4	38.7	—	—	—
7 .....	17.86	3.3	39.6	17.31	3.0	39.7	20.38	6.9	38.9

See footnotes at end of table.



TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Administrative support, including clerical—Continued</b>									
Supervisors, general office—Continued									
8 .....	\$19.84	6.5	40.0	\$21.59	9.9	40.0	—	—	—
9 .....	23.58	5.1	39.7	23.58	5.1	39.7	—	—	—
Not able to be leveled .....	25.53	3.7	39.7	25.53	3.7	39.7	—	—	—
Supervisors, financial records processing .....									
6 .....	20.35	4.9	39.7	20.36	5.1	39.7	—	—	—
7 .....	17.82	5.4	40.0	17.82	5.4	40.0	—	—	—
8 .....	19.68	8.4	38.0	—	—	—	—	—	—
9 .....	25.32	7.6	39.9	25.81	7.6	39.9	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks .....									
5 .....	21.48	12.6	39.7	20.90	13.2	40.3	\$23.37	9.5	37.7
7 .....	20.24	17.1	40.0	—	—	—	—	—	—
8 .....	17.43	4.7	40.0	—	—	—	—	—	—
9 .....	27.64	17.1	40.0	—	—	—	—	—	—
Computer operators .....	25.98	4.7	41.6	25.98	4.7	41.6	—	—	—
4 .....	16.24	3.4	38.8	16.28	4.3	39.0	—	—	—
7 .....	15.54	2.6	40.0	15.87	2.2	40.0	—	—	—
Peripheral equipment operators .....	20.76	3.6	37.0	—	—	—	—	—	—
Secretaries .....	12.60	7.8	39.3	12.26	8.9	39.1	—	—	—
2 .....	15.24	1.5	37.7	15.57	2.4	37.6	14.36	3.5	37.9
3 .....	9.97	8.6	30.0	9.77	11.0	31.1	10.63	7.9	26.8
4 .....	12.64	3.4	36.9	11.98	5.0	36.0	13.47	4.3	38.0
5 .....	13.94	2.4	38.2	14.07	3.1	38.0	13.63	4.4	38.7
6 .....	15.37	4.0	37.3	15.47	4.1	37.4	15.00	4.6	36.8
7 .....	16.82	4.5	39.0	18.13	4.0	38.9	14.09	2.0	39.2
Not able to be leveled .....	20.40	3.8	39.1	20.16	4.3	39.1	21.47	7.0	39.0
Stenographers .....	19.41	8.7	37.3	19.41	8.7	37.3	—	—	—
4 .....	19.90	25.4	35.5	20.64	30.8	35.2	16.92	3.1	36.8
Typists .....	13.69	2.9	35.6	13.40	3.0	35.4	—	—	—
2 .....	13.42	5.9	35.0	13.57	7.2	33.5	13.14	9.6	38.0
3 .....	11.04	4.2	27.8	—	—	—	—	—	—
4 .....	13.00	6.8	37.9	—	—	—	14.15	8.6	37.5
Interviewers .....	15.01	8.0	38.4	15.11	8.5	38.5	—	—	—
3 .....	10.45	6.4	32.8	10.42	6.3	33.1	—	—	—
4 .....	9.31	3.8	36.7	9.23	3.4	36.6	—	—	—
Hotel clerks .....	12.07	6.3	32.1	12.10	6.7	33.6	—	—	—
2 .....	8.42	1.9	34.8	8.42	1.9	34.8	—	—	—
3 .....	8.63	5.7	33.3	8.63	5.7	33.3	—	—	—
Transportation ticket and reservation agents .....	8.23	2.6	37.4	8.23	2.6	37.4	—	—	—
3 .....	16.37	11.5	38.4	16.37	11.5	38.4	—	—	—
4 .....	13.81	19.1	38.9	13.81	19.1	38.9	—	—	—
5 .....	17.02	9.1	34.4	17.02	9.1	34.4	—	—	—
Receptionists .....	15.31	13.6	39.1	15.31	13.6	39.1	—	—	—
1 .....	11.22	5.0	34.1	11.19	5.1	34.1	13.14	13.5	32.6
2 .....	8.54	7.3	23.6	8.53	7.3	23.7	—	—	—
3 .....	10.52	4.2	37.0	10.52	4.2	37.1	—	—	—
4 .....	10.77	3.7	34.5	10.70	3.8	34.4	—	—	—
Not able to be leveled .....	13.14	5.9	38.8	13.15	5.9	38.8	—	—	—
Information clerks, n.e.c. ....	11.40	25.8	27.5	11.40	25.8	27.5	—	—	—
3 .....	13.86	8.3	39.0	13.86	8.7	39.0	14.11	8.3	36.6
4 .....	11.76	3.4	37.0	11.74	3.5	37.1	—	—	—
Not able to be leveled .....	13.26	6.7	39.9	13.26	6.9	39.9	—	—	—
Order clerks .....	14.46	21.8	39.8	14.46	21.8	39.8	—	—	—
3 .....	13.57	2.3	37.1	13.56	2.3	37.1	—	—	—
4 .....	13.26	3.3	38.0	13.26	3.3	38.0	—	—	—
5 .....	13.73	2.1	39.6	13.73	2.1	39.6	—	—	—
7 .....	16.26	3.4	39.8	16.28	3.4	39.8	—	—	—
Personnel clerks, except payroll and timekeeping .....	20.43	5.4	40.2	20.95	4.5	40.2	—	—	—
	16.79	3.0	39.5	15.95	2.9	39.4	19.44	1.9	39.7

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Administrative support, including clerical—Continued</b>									
Personnel clerks, except payroll and timekeeping—Continued									
4 .....	\$16.40	7.0	40.3	\$14.74	5.6	40.9	—	—	—
5 .....	14.65	2.5	38.9	14.66	2.7	38.9	—	—	—
6 .....	19.99	6.0	39.9	—	—	—	—	—	—
Library clerks .....	10.85	6.2	27.1	12.00	8.3	29.2	\$10.58	6.2	26.7
1 .....	7.35	1.9	15.4	—	—	—	7.40	1.9	15.4
2 .....	10.29	5.6	23.5	—	—	—	10.59	7.6	26.3
3 .....	10.56	3.1	26.6	—	—	—	10.77	3.4	25.2
4 .....	9.87	8.6	32.6	—	—	—	9.55	7.2	33.1
5 .....	14.94	7.5	27.8	—	—	—	14.90	8.4	26.7
6 .....	14.30	2.7	38.9	—	—	—	—	—	—
File clerks .....	9.74	3.6	29.0	9.75	3.7	29.0	—	—	—
1 .....	8.48	4.5	20.2	8.48	4.6	20.2	—	—	—
2 .....	10.13	3.3	38.3	10.13	3.3	38.3	—	—	—
Records clerks, n.e.c. ....	13.04	3.9	37.9	12.48	2.8	37.9	15.18	13.4	37.7
2 .....	10.00	2.9	33.8	9.95	2.8	34.4	—	—	—
3 .....	11.10	7.0	37.5	11.05	7.8	37.6	—	—	—
4 .....	13.95	9.1	38.1	12.34	3.3	38.5	19.07	18.6	36.7
5 .....	13.92	4.1	38.9	13.85	4.9	38.7	14.10	7.4	39.6
6 .....	15.97	4.8	38.4	15.64	4.8	39.0	—	—	—
Not able to be leveled .....	12.28	6.9	38.6	12.28	6.9	38.6	—	—	—
Bookkeepers, accounting and auditing clerks ...	13.85	2.8	37.4	13.75	3.3	37.3	14.41	5.8	38.3
2 .....	10.96	4.6	32.9	10.80	4.3	32.8	—	—	—
3 .....	11.21	5.2	34.0	11.04	5.2	33.9	14.32	4.7	36.1
4 .....	13.54	2.4	37.7	13.54	2.7	37.4	13.53	6.5	38.4
5 .....	13.93	6.4	37.7	13.76	7.5	37.6	15.11	5.8	38.3
6 .....	16.02	3.5	39.8	15.85	4.1	40.1	16.55	4.8	38.8
7 .....	17.95	7.7	39.0	18.09	8.7	38.9	—	—	—
Not able to be leveled .....	14.93	3.3	39.4	14.93	3.3	39.4	—	—	—
Payroll and timekeeping clerks .....	15.88	5.1	38.0	15.77	4.8	37.9	16.85	9.4	38.5
3 .....	13.13	7.3	38.7	13.13	7.3	38.7	—	—	—
4 .....	12.51	6.3	39.0	12.30	6.3	38.9	—	—	—
5 .....	17.19	4.8	39.4	17.19	4.8	39.4	—	—	—
6 .....	16.97	4.5	39.9	17.30	5.4	39.8	—	—	—
7 .....	22.51	15.6	38.7	—	—	—	—	—	—
Billing clerks .....	14.19	2.6	38.7	14.21	2.7	38.7	13.53	6.6	39.9
3 .....	14.39	3.6	38.7	14.38	3.7	38.8	—	—	—
4 .....	13.50	4.6	39.5	13.54	4.8	39.4	12.53	7.2	40.0
5 .....	14.79	5.8	39.3	14.78	6.1	39.2	—	—	—
6 .....	18.23	6.7	35.4	—	—	—	—	—	—
Billing, posting, and calculating machine operators .....	12.02	10.0	31.4	12.02	10.0	31.4	—	—	—
Duplicating machine operators .....	14.30	4.3	39.7	13.72	4.1	39.7	—	—	—
Office machine operators, n.e.c. ....	11.05	2.3	39.9	—	—	—	—	—	—
Telephone operators .....	12.50	17.5	34.6	12.67	17.3	34.4	—	—	—
2 .....	10.41	15.6	37.1	10.57	16.1	36.9	—	—	—
3 .....	12.68	2.8	33.8	12.68	2.8	33.8	—	—	—
Mail clerks, except postal service .....	11.63	8.7	35.6	11.55	9.0	35.4	—	—	—
1 .....	9.21	4.8	29.9	9.21	4.8	29.9	—	—	—
2 .....	10.27	1.3	37.6	10.27	1.3	37.6	—	—	—
3 .....	11.67	5.5	39.1	—	—	—	—	—	—
Messengers .....	8.85	11.9	18.9	8.85	12.0	18.9	—	—	—
Dispatchers .....	14.37	5.1	38.6	13.73	9.8	39.3	14.94	7.8	38.0
3 .....	13.06	3.8	34.5	—	—	—	—	—	—
4 .....	13.41	10.1	39.6	13.57	13.4	39.5	13.22	17.8	39.7
5 .....	17.34	6.4	40.6	—	—	—	17.35	6.8	40.6
6 .....	16.05	4.6	41.1	—	—	—	15.81	4.7	40.0
Production coordinators .....	18.94	7.6	39.5	18.94	7.6	39.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Administrative support, including clerical—Continued</b>									
Production coordinators—Continued									
4 .....	\$15.57	10.0	40.0	\$15.57	10.0	40.0	—	—	—
7 .....	21.78	6.2	39.9	21.78	6.2	39.9	—	—	—
Traffic, shipping and receiving clerks .....	13.10	5.5	39.3	13.10	5.5	39.3	—	—	—
2 .....	10.45	3.6	37.4	10.45	3.6	37.4	—	—	—
3 .....	12.05	2.3	39.4	12.05	2.3	39.4	—	—	—
4 .....	14.53	3.8	39.6	14.53	3.8	39.6	—	—	—
5 .....	17.29	5.5	39.8	17.29	5.5	39.8	—	—	—
7 .....	20.18	3.7	40.7	20.18	3.7	40.7	—	—	—
Not able to be leveled .....	9.57	1.4	40.0	9.57	1.4	40.0	—	—	—
Stock and inventory clerks .....	13.48	4.6	34.8	13.49	5.1	34.4	\$13.37	6.0	37.8
1 .....	9.78	10.1	24.7	9.78	10.1	24.7	—	—	—
2 .....	9.87	3.7	33.7	9.73	2.9	33.5	—	—	—
3 .....	10.39	4.8	31.4	10.33	4.5	31.3	—	—	—
4 .....	14.69	8.6	38.4	15.14	8.9	38.7	—	—	—
5 .....	16.14	5.9	39.5	16.19	6.5	39.6	—	—	—
Meter readers .....	14.01	4.1	22.9	—	—	—	—	—	—
Weighers, measurers, checkers, and samplers .....	15.59	12.9	39.9	15.48	13.4	39.9	—	—	—
3 .....	18.02	9.6	40.0	18.02	9.6	40.0	—	—	—
Expeditors .....	14.59	19.1	32.9	14.61	19.3	32.8	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c. ....	14.81	9.7	35.7	14.81	9.7	35.7	—	—	—
3 .....	19.64	9.7	40.0	19.64	9.7	40.0	—	—	—
Insurance adjusters, examiners, and investigators .....	16.54	4.1	38.4	16.54	4.1	38.4	—	—	—
4 .....	12.71	3.2	38.3	12.71	3.2	38.3	—	—	—
7 .....	20.67	3.7	39.1	20.67	3.7	39.1	—	—	—
Not able to be leveled .....	15.31	7.0	37.9	15.31	7.0	37.9	—	—	—
Investigators and adjusters, except insurance ...	14.29	4.5	36.6	14.21	4.5	36.5	17.72	7.4	40.0
3 .....	11.11	7.6	39.3	11.11	7.6	39.3	—	—	—
4 .....	13.57	4.4	36.3	13.56	4.5	36.3	—	—	—
5 .....	15.75	6.2	39.4	15.74	6.3	39.4	—	—	—
6 .....	19.17	8.3	40.1	19.44	8.6	40.1	—	—	—
7 .....	19.08	4.4	39.8	18.89	5.7	39.7	—	—	—
Not able to be leveled .....	13.61	5.7	39.2	13.61	5.7	39.2	—	—	—
Eligibility clerks, social welfare .....	13.91	7.8	40.0	11.62	9.6	40.0	16.63	2.9	40.0
6 .....	17.16	3.0	40.0	—	—	—	17.16	3.0	40.0
Bill and account collectors .....	14.06	7.4	37.6	14.00	7.7	37.6	—	—	—
3 .....	11.49	8.3	40.0	11.49	8.3	40.0	—	—	—
4 .....	12.61	11.2	37.8	12.61	11.2	37.8	—	—	—
5 .....	14.50	2.7	34.5	—	—	—	—	—	—
General office clerks .....	12.75	2.0	34.9	12.37	2.6	34.3	14.45	2.2	37.6
1 .....	10.09	4.0	29.0	10.13	4.0	29.5	—	—	—
2 .....	10.13	2.4	35.3	9.96	3.5	35.8	11.31	4.8	31.8
3 .....	11.23	3.1	33.0	11.05	3.3	32.5	12.74	1.5	38.3
4 .....	13.16	1.9	36.3	12.50	3.5	35.2	14.60	2.4	38.9
5 .....	16.18	10.6	34.5	15.48	8.7	33.8	19.29	12.9	37.8
6 .....	17.66	10.6	38.7	—	—	—	—	—	—
7 .....	20.12	5.7	39.8	19.90	6.5	40.5	—	—	—
Not able to be leveled .....	12.50	10.5	37.9	12.50	10.5	37.9	—	—	—
Bank tellers .....	10.11	2.0	35.2	10.11	2.0	35.2	—	—	—
2 .....	9.22	3.6	32.8	9.22	3.6	32.8	—	—	—
3 .....	9.95	2.0	36.6	9.95	2.0	36.6	—	—	—
4 .....	11.24	4.9	38.0	11.24	4.9	38.0	—	—	—
Not able to be leveled .....	10.97	4.9	33.2	10.97	4.9	33.2	—	—	—
Data entry keyers .....	11.80	13.9	37.3	11.72	14.7	37.2	13.26	5.4	39.4
2 .....	9.88	10.8	39.2	9.88	10.9	39.2	—	—	—
3 .....	10.51	7.1	35.5	10.37	7.3	35.3	—	—	—
4 .....	15.39	24.8	38.7	15.46	27.2	38.7	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>White collar—Continued</b>									
<b>Administrative support, including clerical—Continued</b>									
Statistical clerks .....	\$12.61	6.1	34.9	\$12.61	6.3	34.8	—	—	—
4 .....	11.99	9.5	28.7	11.96	9.6	28.6	—	—	—
Teachers' aides .....	11.74	5.4	32.6	8.67	5.1	27.8	\$11.98	5.3	33.0
1 .....	10.70	9.0	30.4	7.65	7.6	22.9	11.46	6.5	33.1
2 .....	10.19	7.2	29.5	8.38	7.2	27.3	10.45	8.0	29.8
3 .....	11.08	4.7	33.3	—	—	—	11.08	4.7	33.3
4 .....	12.42	12.3	35.8	—	—	—	12.66	12.6	36.0
5 .....	18.55	13.6	33.3	—	—	—	18.74	13.4	33.1
Administrative support, n.e.c. ....	14.04	2.5	36.1	14.00	3.2	36.0	14.25	7.2	36.6
1 .....	9.50	8.2	26.2	9.50	8.2	26.2	—	—	—
2 .....	11.60	4.2	31.3	11.45	5.0	31.6	12.65	2.3	28.9
3 .....	12.15	3.4	29.0	11.62	5.3	26.8	13.12	2.9	34.3
4 .....	12.69	4.3	36.5	12.85	4.4	36.4	11.68	7.1	37.7
5 .....	14.29	5.4	38.5	14.04	7.1	38.8	15.17	6.1	37.3
6 .....	16.74	2.4	39.2	16.43	3.3	39.2	—	—	—
7 .....	18.03	5.9	39.5	17.84	6.6	39.4	—	—	—
Not able to be leveled .....	15.58	12.1	37.0	15.58	12.1	37.0	—	—	—
<b>Blue collar .....</b>	<b>15.87</b>	<b>1.8</b>	<b>38.0</b>	<b>15.77</b>	<b>1.9</b>	<b>38.1</b>	<b>18.17</b>	<b>2.3</b>	<b>36.7</b>
1 .....	8.94	4.8	33.1	8.83	3.9	33.0	15.17	19.5	35.7
2 .....	11.69	1.6	36.7	11.58	1.7	36.8	14.08	4.3	36.2
3 .....	15.20	3.2	38.3	15.19	3.3	38.6	15.45	7.1	31.4
4 .....	16.06	2.7	39.2	16.03	2.8	39.3	17.06	5.2	35.6
5 .....	16.42	2.0	39.7	16.36	2.0	39.9	17.28	3.3	37.5
6 .....	18.90	2.6	40.7	18.91	2.7	40.8	18.76	2.7	39.8
7 .....	23.25	2.1	39.9	23.27	2.1	39.9	22.91	3.2	39.9
8 .....	27.60	2.0	40.1	27.67	2.3	40.2	26.41	5.8	39.5
9 .....	28.37	3.6	40.4	28.40	3.6	40.4	26.15	3.4	40.4
Not able to be leveled .....	14.80	4.3	38.6	14.80	4.3	38.6	—	—	—
<b>Precision production, craft, and repair .....</b>	<b>19.99</b>	<b>1.7</b>	<b>39.6</b>	<b>19.97</b>	<b>1.8</b>	<b>39.6</b>	<b>20.37</b>	<b>2.4</b>	<b>39.6</b>
1 .....	10.10	11.5	38.0	10.10	11.5	38.0	—	—	—
2 .....	10.60	4.2	36.9	10.60	4.2	36.9	—	—	—
3 .....	13.18	12.8	39.5	13.09	13.1	39.4	—	—	—
4 .....	15.01	6.0	39.4	15.04	6.0	39.5	14.47	14.0	37.2
5 .....	15.53	2.1	39.5	15.32	2.0	39.5	17.08	5.4	39.5
6 .....	18.87	3.8	39.6	18.82	4.1	39.5	19.42	3.2	39.7
7 .....	23.62	2.1	39.9	23.66	2.0	39.9	23.14	4.3	39.8
8 .....	27.71	2.3	40.2	27.90	2.3	40.2	24.13	7.2	40.0
9 .....	28.55	3.9	40.3	28.58	3.9	40.3	26.15	3.4	40.4
Not able to be leveled .....	17.02	6.7	39.9	17.02	6.7	39.9	—	—	—
Supervisors, mechanics and repairers .....	25.52	5.7	40.1	25.87	6.4	40.1	22.15	8.6	40.1
7 .....	22.06	9.5	40.1	22.35	10.9	40.1	21.32	11.6	40.0
8 .....	29.98	8.6	40.1	30.03	8.7	40.1	—	—	—
9 .....	31.11	2.5	41.5	31.57	2.8	41.7	—	—	—
Automobile mechanics .....	16.06	7.1	40.8	15.82	8.0	40.9	18.65	3.1	40.0
5 .....	15.15	6.0	40.2	15.15	6.0	40.2	—	—	—
7 .....	19.17	3.0	42.4	19.28	3.6	42.9	18.61	4.1	40.0
Bus, truck, and stationary engine mechanics .....	18.38	4.3	39.7	18.31	4.8	39.7	19.10	4.1	40.0
5 .....	15.96	5.5	40.0	15.46	8.1	40.0	—	—	—
6 .....	18.10	5.9	40.0	—	—	—	—	—	—
7 .....	20.26	4.0	39.5	20.35	4.1	39.5	19.21	7.7	40.0
Automobile body and related repairers .....	15.77	3.8	40.3	15.77	3.8	40.3	—	—	—
Heavy equipment mechanics .....	20.04	12.9	39.7	20.79	16.2	39.6	17.34	12.5	39.8
5 .....	13.82	8.2	40.0	—	—	—	—	—	—
7 .....	24.73	12.2	39.5	24.99	12.4	39.4	—	—	—
Industrial machinery repairers .....	21.72	3.3	40.0	21.67	3.2	40.0	26.24	24.0	40.0
5 .....	16.50	5.1	40.0	16.50	5.1	40.0	—	—	—
6 .....	17.65	4.9	40.0	17.65	4.9	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Precision production, craft, and repair—Continued</b>									
Industrial machinery repairers—Continued									
7 .....	\$23.93	2.2	39.9	\$23.98	2.1	39.9	\$20.71	1.0	40.0
8 .....	27.78	13.4	40.0	—	—	—	—	—	—
Machinery maintenance .....									
5 .....	16.06	10.4	38.0	16.13	11.0	38.3	—	—	—
5 .....	14.65	10.9	36.9	14.72	11.6	37.3	—	—	—
Electronic repairers, communications and industrial equipment .....									
5 .....	21.18	11.5	39.9	21.18	11.5	39.9	—	—	—
7 .....	21.11	13.8	39.5	21.11	13.8	39.5	—	—	—
7 .....	21.27	15.2	40.0	21.27	15.2	40.0	—	—	—
Household appliance and power tool repairers .....									
5 .....	15.90	15.4	35.0	15.90	15.4	35.0	—	—	—
5 .....	13.23	13.9	34.3	13.23	13.9	34.3	—	—	—
Telephone installers and repairers .....									
7 .....	19.12	9.9	40.0	19.46	10.6	40.0	—	—	—
7 .....	20.96	12.7	40.0	24.23	3.5	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics .....									
5 .....	15.83	4.4	40.0	15.41	7.2	40.0	18.43	2.5	39.9
5 .....	13.88	16.0	40.0	13.76	15.9	40.0	—	—	—
7 .....	17.67	7.4	39.9	17.37	11.2	39.9	—	—	—
Office machine repairers .....									
5 .....	15.46	7.5	40.0	15.46	7.5	40.0	—	—	—
Mechanical controls and valve repairers .....									
5 .....	20.51	5.5	37.1	—	—	—	19.29	5.5	35.6
Millwrights .....									
7 .....	25.80	3.9	40.0	25.83	4.0	40.0	—	—	—
7 .....	25.82	4.0	40.0	25.85	4.1	40.0	—	—	—
Mechanics and repairers, n.e.c. ....									
4 .....	16.23	4.3	38.9	16.19	4.3	38.8	16.66	11.8	39.9
4 .....	12.61	2.4	40.0	12.61	2.4	40.0	—	—	—
5 .....	14.48	3.4	39.9	14.74	2.8	39.9	12.48	8.8	40.0
6 .....	19.34	2.7	40.0	19.36	3.0	40.0	—	—	—
7 .....	20.76	4.4	40.0	20.69	4.9	40.0	21.48	5.8	40.0
Not able to be leveled .....									
4 .....	14.34	9.4	40.0	14.34	9.4	40.0	—	—	—
Supervisors, carpenters and related workers .....									
Supervisors, electricians and power transmission installers .....									
9 .....	31.43	3.4	41.8	31.43	3.4	41.8	—	—	—
9 .....	33.68	2.5	40.0	33.68	2.5	40.0	—	—	—
Supervisors, plumbers, pipefitters, and steamfitters .....									
9 .....	26.71	12.4	40.0	26.78	12.9	40.0	—	—	—
9 .....	31.83	3.1	40.1	—	—	—	—	—	—
Supervisors, construction trades, n.e.c. ....									
7 .....	25.41	6.9	40.8	26.03	7.9	40.9	21.46	5.3	39.7
7 .....	23.71	8.1	41.0	24.24	9.3	41.1	18.36	5.9	39.7
9 .....	32.71	5.5	40.1	32.78	5.5	40.0	—	—	—
Brickmasons and stonemasons .....									
7 .....	25.97	3.6	34.5	25.97	3.6	34.5	—	—	—
7 .....	27.42	3.2	34.5	27.42	3.2	34.5	—	—	—
Carpenters .....									
5 .....	20.19	10.0	39.9	20.21	12.0	39.9	20.04	19.9	40.0
5 .....	16.88	8.1	40.0	18.20	3.9	40.0	—	—	—
7 .....	26.13	7.0	39.8	26.14	8.5	39.8	26.11	17.2	40.0
Electricians .....									
7 .....	24.38	6.2	39.5	24.06	5.7	39.5	28.75	9.7	39.9
7 .....	26.18	4.3	40.0	25.86	3.9	40.0	29.45	8.2	39.9
8 .....	28.52	6.8	40.0	28.52	6.8	40.0	—	—	—
Electrician apprentices .....									
7 .....	13.81	4.5	39.7	13.81	4.5	39.7	—	—	—
Electrical power installers and repairers .....									
7 .....	25.88	3.0	40.0	26.09	3.1	40.0	—	—	—
7 .....	25.94	4.2	40.0	25.97	4.3	40.0	—	—	—
8 .....	27.52	3.4	40.0	27.95	3.3	40.0	—	—	—
Painters, construction and maintenance .....									
6 .....	16.49	10.4	39.7	16.37	10.8	39.7	19.61	4.7	39.8
6 .....	25.30	5.8	38.4	25.33	6.0	38.4	—	—	—
7 .....	21.16	17.3	39.8	21.41	20.0	39.8	—	—	—
Plumbers, pipefitters and steamfitters .....									
6 .....	24.52	4.1	39.5	24.52	4.4	39.5	24.67	9.2	38.7
6 .....	21.78	7.3	39.1	—	—	—	—	—	—
7 .....	25.69	3.7	39.4	25.71	3.8	39.4	—	—	—
8 .....	26.85	5.2	40.0	26.85	5.2	40.0	—	—	—
Concrete and terrazzo finishers .....									
7 .....	24.32	5.4	40.0	24.35	5.4	40.0	—	—	—
Roofers .....									
7 .....	19.69	9.3	40.0	19.69	9.3	40.0	—	—	—
Sheet metal duct installers .....									
7 .....	25.63	12.5	40.0	25.63	12.5	40.0	—	—	—
Structural metal workers .....									
7 .....	20.40	9.0	40.0	20.40	9.0	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Precision production, craft, and repair—Continued</b>									
Construction trades, n.e.c. ....	\$18.84	14.4	39.8	\$19.92	21.8	40.0	\$17.40	6.6	39.5
3 .....	11.76	14.5	40.0	—	—	—	—	—	—
4 .....	15.82	15.6	39.6	—	—	—	13.96	16.3	39.4
5 .....	18.04	8.0	39.5	16.93	13.5	40.0	18.47	9.3	39.3
6 .....	20.28	4.4	39.6	—	—	—	20.28	4.4	39.6
Supervisors, production .....	22.24	3.6	40.5	22.27	3.6	40.5	—	—	—
5 .....	15.01	7.4	43.9	15.01	7.4	43.9	—	—	—
6 .....	22.65	10.6	39.7	22.85	10.5	39.7	—	—	—
7 .....	22.69	5.2	40.8	22.69	5.2	40.8	—	—	—
8 .....	27.22	2.3	40.2	27.22	2.3	40.2	—	—	—
9 .....	24.14	7.6	40.4	24.14	7.6	40.4	—	—	—
Not able to be leveled .....	18.68	18.7	40.0	18.68	18.7	40.0	—	—	—
Tool and die makers .....	23.23	3.1	40.1	23.23	3.1	40.1	—	—	—
6 .....	18.22	18.5	40.0	18.22	18.5	40.0	—	—	—
7 .....	23.85	2.7	40.2	23.85	2.7	40.2	—	—	—
Tool and die maker apprentices .....	18.44	4.7	39.7	18.44	4.7	39.7	—	—	—
Precision assemblers, metal .....	20.56	7.1	40.0	20.56	7.1	40.0	—	—	—
Machinists .....	18.76	4.2	39.6	18.57	3.6	39.6	—	—	—
5 .....	15.09	3.7	40.0	15.09	3.7	40.0	—	—	—
7 .....	20.85	4.3	40.0	20.46	3.3	40.0	—	—	—
Precision grinders, filers, and tool sharpeners ...	16.71	13.0	40.0	16.71	13.0	40.0	—	—	—
7 .....	24.97	9.0	40.0	24.97	9.0	40.0	—	—	—
Patternmakers and modelmakers, metal .....	22.18	12.9	40.0	22.18	12.9	40.0	—	—	—
7 .....	25.33	16.0	40.0	25.33	16.0	40.0	—	—	—
Sheet metal workers .....	18.62	6.3	38.3	18.62	6.3	38.3	—	—	—
7 .....	24.82	1.6	40.0	24.82	1.6	40.0	—	—	—
Cabinet makers and bench carpenters .....	14.95	6.7	40.0	14.49	7.4	40.0	—	—	—
Dental laboratory and medical appliance technicians .....	13.72	2.2	40.0	13.72	2.2	40.0	—	—	—
Electrical and electronic equipment assemblers	10.65	11.3	40.0	10.65	11.3	40.0	—	—	—
2 .....	10.33	5.9	40.0	10.33	5.9	40.0	—	—	—
4 .....	13.53	3.5	40.0	13.53	3.5	40.0	—	—	—
5 .....	16.37	3.7	40.0	16.37	3.7	40.0	—	—	—
Miscellaneous precision workers, n.e.c. ....	12.14	15.9	40.0	12.14	15.9	40.0	—	—	—
7 .....	18.95	8.3	40.0	18.95	8.3	40.0	—	—	—
Butchers and meat cutters .....	10.62	13.0	39.6	10.62	13.0	39.6	—	—	—
4 .....	13.17	7.0	40.0	13.17	7.0	40.0	—	—	—
5 .....	12.55	12.7	40.0	12.55	12.7	40.0	—	—	—
Bakers .....	10.98	7.1	32.0	10.98	7.1	32.0	—	—	—
2 .....	8.85	3.9	26.2	8.85	3.9	26.2	—	—	—
4 .....	12.25	2.9	39.2	12.25	2.9	39.2	—	—	—
Food batchmakers .....	13.35	15.4	40.0	13.35	15.4	40.0	—	—	—
Inspectors, testers, and graders .....	18.26	6.6	39.9	18.22	6.8	39.9	—	—	—
4 .....	20.98	12.6	40.0	20.98	12.6	40.0	—	—	—
5 .....	15.58	3.5	39.0	15.58	3.5	39.0	—	—	—
7 .....	21.98	3.5	40.2	22.14	3.4	40.2	—	—	—
Water and sewer treatment plant operators .....	19.21	3.8	40.0	—	—	—	19.27	3.5	40.0
5 .....	17.87	4.2	40.0	—	—	—	17.50	3.6	40.0
7 .....	21.92	4.1	40.0	—	—	—	21.92	4.5	40.0
Stationary engineers .....	26.45	7.1	39.5	24.00	7.3	39.8	27.38	8.8	39.4
7 .....	27.14	7.5	39.5	24.76	8.3	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c. ....	19.58	6.5	40.0	19.64	7.0	40.0	—	—	—
<b>Machine operators, assemblers, and inspectors .....</b>	<b>14.65</b>	<b>2.1</b>	<b>39.2</b>	<b>14.65</b>	<b>2.1</b>	<b>39.2</b>	<b>16.28</b>	<b>9.2</b>	<b>40.0</b>
1 .....	8.50	7.2	38.4	8.49	7.2	38.4	—	—	—
2 .....	11.77	2.0	39.1	11.77	2.0	39.1	—	—	—
3 .....	16.28	4.7	39.5	16.28	4.7	39.5	—	—	—
4 .....	15.22	4.3	39.2	15.22	4.3	39.2	—	—	—
5 .....	16.75	3.4	39.8	16.75	3.4	39.8	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Machine operators, assemblers, and inspectors—Continued</b>									
6 .....	\$18.27	3.5	39.9	\$18.27	3.5	39.9	—	—	—
7 .....	20.60	4.8	39.8	20.66	4.8	39.8	—	—	—
Not able to be leveled .....	13.54	5.9	38.4	13.54	5.9	38.4	—	—	—
Lathe and turning-machine set-up operators .....	17.54	6.4	39.9	17.54	6.4	39.9	—	—	—
4 .....	19.56	9.8	40.0	19.56	9.8	40.0	—	—	—
5 .....	16.58	8.4	39.4	16.58	8.4	39.4	—	—	—
Lathe and turning-machine operators .....	17.02	8.3	39.3	17.02	8.3	39.3	—	—	—
4 .....	17.45	11.6	40.0	17.45	11.6	40.0	—	—	—
5 .....	19.44	4.3	40.0	19.44	4.3	40.0	—	—	—
Milling and planing machine operators .....	15.55	5.9	40.0	15.55	5.9	40.0	—	—	—
Punching and stamping press operators .....	12.82	12.0	37.1	12.82	12.0	37.1	—	—	—
2 .....	11.81	9.3	40.0	11.81	9.3	40.0	—	—	—
3 .....	15.84	5.2	40.0	15.84	5.2	40.0	—	—	—
4 .....	12.79	24.6	35.3	12.79	24.6	35.3	—	—	—
5 .....	15.73	7.6	40.0	15.73	7.6	40.0	—	—	—
6 .....	15.19	11.4	40.0	15.19	11.4	40.0	—	—	—
Rolling machine operators .....	14.98	2.9	40.0	14.98	2.9	40.0	—	—	—
Drilling and boring machine operators .....	11.41	13.5	40.0	11.41	13.5	40.0	—	—	—
4 .....	19.48	13.8	40.0	19.48	13.8	40.0	—	—	—
5 .....	15.82	12.4	40.0	15.82	12.4	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators .....	14.09	6.6	38.6	14.09	6.6	38.6	—	—	—
1 .....	9.82	2.6	40.0	9.82	2.6	40.0	—	—	—
2 .....	9.96	6.7	28.2	9.96	6.7	28.2	—	—	—
3 .....	14.62	7.1	39.9	14.62	7.1	39.9	—	—	—
4 .....	13.11	10.6	40.0	13.11	10.6	40.0	—	—	—
5 .....	17.37	11.4	40.0	17.37	11.4	40.0	—	—	—
Forging machine operators .....	16.43	15.8	40.0	16.43	15.8	40.0	—	—	—
Numerical control machine operators .....	16.01	5.8	40.0	16.01	5.8	40.0	—	—	—
4 .....	14.95	10.0	40.0	14.95	10.0	40.0	—	—	—
5 .....	15.03	5.3	40.0	15.03	5.3	40.0	—	—	—
6 .....	17.70	3.2	40.0	17.70	3.2	40.0	—	—	—
7 .....	20.66	1.8	40.0	20.66	1.8	40.0	—	—	—
Fabricating machine operators, n.e.c. ....	17.08	3.0	39.9	17.08	3.0	39.9	—	—	—
3 .....	18.65	6.4	40.0	18.65	6.4	40.0	—	—	—
4 .....	20.09	5.0	39.7	20.09	5.0	39.7	—	—	—
Molding and casting machine operators .....	12.25	4.6	39.4	12.25	4.6	39.4	—	—	—
1 .....	8.99	11.0	40.0	8.99	11.0	40.0	—	—	—
2 .....	10.13	5.4	40.0	10.13	5.4	40.0	—	—	—
3 .....	12.20	4.4	39.9	12.20	4.4	39.9	—	—	—
4 .....	13.44	9.5	38.3	13.44	9.5	38.3	—	—	—
5 .....	16.70	3.7	40.0	16.70	3.7	40.0	—	—	—
Not able to be leveled .....	12.96	13.5	35.3	12.96	13.5	35.3	—	—	—
Metal plating machine operators .....	13.73	6.6	39.4	13.73	6.6	39.4	—	—	—
4 .....	14.36	8.0	38.8	14.36	8.0	38.8	—	—	—
Heat treating equipment operators .....	17.05	5.8	40.0	17.05	5.8	40.0	—	—	—
4 .....	18.34	17.3	40.0	18.34	17.3	40.0	—	—	—
5 .....	15.38	5.5	40.0	15.38	5.5	40.0	—	—	—
Sawing machine operators .....	11.92	7.5	40.0	11.92	7.5	40.0	—	—	—
Printing press operators .....	15.80	5.3	39.2	15.79	5.3	39.2	—	—	—
4 .....	15.49	7.1	39.4	15.47	7.1	39.4	—	—	—
5 .....	16.43	7.9	39.0	16.40	8.1	39.0	—	—	—
6 .....	17.33	2.0	39.6	17.33	2.0	39.6	—	—	—
7 .....	19.95	3.1	38.9	19.95	3.1	38.9	—	—	—
Photoengravers and lithographers .....	15.54	9.1	38.2	15.54	9.1	38.2	—	—	—
Typesetters and compositors .....	12.22	23.1	27.9	12.22	23.1	27.9	—	—	—
Textile sewing machine operators .....	13.15	15.3	39.6	13.15	15.3	39.6	—	—	—
2 .....	13.90	12.0	40.0	13.90	12.0	40.0	—	—	—
3 .....	13.62	24.1	40.0	13.62	24.1	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar —Continued</b>									
<b>Machine operators, assemblers, and inspectors</b>									
—Continued									
Pressing machine operators .....	\$9.28	5.9	38.7	\$9.28	5.9	38.7	—	—	—
Laundering and dry cleaning machine operators	8.76	4.8	34.2	8.69	5.1	34.1	—	—	—
1 .....	8.06	5.8	30.6	7.89	6.2	30.2	—	—	—
2 .....	9.27	7.3	36.9	9.27	7.3	36.9	—	—	—
Packaging and filling machine operators .....	14.47	6.7	39.1	14.47	6.7	39.1	—	—	—
1 .....	9.65	9.2	38.5	9.65	9.2	38.5	—	—	—
2 .....	12.54	3.5	37.6	12.54	3.5	37.6	—	—	—
3 .....	14.25	8.5	39.8	14.25	8.5	39.8	—	—	—
4 .....	13.46	11.5	39.5	13.46	11.5	39.5	—	—	—
5 .....	16.57	5.5	39.9	16.57	5.5	39.9	—	—	—
Extruding and forming machine operators .....	13.64	5.5	38.8	13.64	5.5	38.8	—	—	—
4 .....	15.10	2.0	37.7	15.10	2.0	37.7	—	—	—
Mixing and blending machine operators .....	17.74	13.6	39.9	17.74	13.6	39.9	—	—	—
3 .....	12.56	9.1	39.9	12.56	9.1	39.9	—	—	—
4 .....	13.58	4.7	39.9	13.58	4.7	39.9	—	—	—
5 .....	18.09	4.9	40.0	18.09	4.9	40.0	—	—	—
Separating, filtering, and clarifying machine operators .....	20.95	5.9	40.0	20.95	5.9	40.0	—	—	—
5 .....	20.41	9.2	39.9	20.41	9.2	39.9	—	—	—
Compressing and compacting machine operators .....	11.92	8.7	39.8	11.92	8.7	39.8	—	—	—
Painting and paint spraying machine operators	13.60	9.4	39.9	13.60	9.4	39.9	—	—	—
2 .....	10.73	7.7	40.0	10.73	7.7	40.0	—	—	—
3 .....	14.98	12.2	40.0	14.98	12.2	40.0	—	—	—
4 .....	14.70	7.4	38.7	14.70	7.4	38.7	—	—	—
5 .....	14.46	8.2	40.0	14.46	8.2	40.0	—	—	—
Roasting and baking machine operators, food ..	13.45	17.6	40.0	13.45	17.6	40.0	—	—	—
Folding machine operators .....	14.21	7.1	40.0	14.21	7.1	40.0	—	—	—
Furnace, kiln, and oven operators, except food	15.20	17.0	40.0	15.19	17.0	40.0	—	—	—
Slicing and cutting machine operators .....	14.72	7.1	41.2	14.72	7.1	41.2	—	—	—
2 .....	12.76	6.9	40.0	12.76	6.9	40.0	—	—	—
3 .....	13.54	7.1	40.0	13.54	7.1	40.0	—	—	—
4 .....	15.04	5.8	40.0	15.04	5.8	40.0	—	—	—
5 .....	14.92	13.0	40.0	14.92	13.0	40.0	—	—	—
Photographic process machine operators .....	12.18	13.1	39.4	12.18	13.1	39.4	—	—	—
Miscellaneous machine operators, n.e.c. ....	14.84	3.6	39.3	14.83	3.7	39.3	—	—	—
1 .....	10.13	9.9	37.1	10.13	9.9	37.1	—	—	—
2 .....	12.98	4.4	39.7	12.98	4.4	39.7	—	—	—
3 .....	13.46	7.5	38.6	13.46	7.5	38.6	—	—	—
4 .....	16.03	7.4	39.9	16.03	7.4	39.9	—	—	—
5 .....	16.53	3.8	40.0	16.53	3.8	40.0	—	—	—
7 .....	19.78	6.5	40.0	19.71	7.4	40.0	—	—	—
Not able to be leveled .....	16.22	4.8	39.8	16.22	4.8	39.8	—	—	—
Welders and cutters .....	16.66	4.4	39.9	16.66	4.4	39.9	—	—	—
2 .....	12.34	6.5	40.0	12.34	6.5	40.0	—	—	—
3 .....	17.63	13.2	40.0	17.63	13.2	40.0	—	—	—
4 .....	16.41	5.9	40.0	16.41	5.9	40.0	—	—	—
5 .....	15.83	4.7	39.8	15.81	4.8	39.8	—	—	—
6 .....	18.66	5.3	40.0	18.66	5.3	40.0	—	—	—
7 .....	19.03	5.5	40.0	19.27	6.0	40.0	—	—	—
Assemblers .....	15.26	8.1	39.5	15.26	8.1	39.5	—	—	—
1 .....	7.93	16.8	39.3	7.93	16.8	39.3	—	—	—
2 .....	11.76	4.6	39.8	11.76	4.6	39.8	—	—	—
3 .....	19.50	5.9	39.5	19.50	5.9	39.5	—	—	—
4 .....	15.98	5.9	39.7	15.98	5.9	39.7	—	—	—
5 .....	20.72	12.6	39.9	20.72	12.6	39.9	—	—	—
6 .....	17.91	4.7	40.0	17.91	4.7	40.0	—	—	—
Not able to be leveled .....	13.23	9.9	38.6	13.23	9.9	38.6	—	—	—
Hand molding, casting, and forming .....	13.82	11.3	40.0	13.82	11.3	40.0	—	—	—

See footnotes at end of table.



TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Machine operators, assemblers, and inspectors—Continued</b>									
Hand painting, coating, and decorating .....	\$11.36	6.9	36.2	\$11.36	6.9	36.2	—	—	—
Miscellaneous hand working, n.e.c. ....	11.60	6.3	39.1	11.60	6.3	39.1	—	—	—
1 .....	8.13	6.8	37.0	8.13	6.8	37.0	—	—	—
2 .....	9.74	11.9	40.0	9.74	11.9	40.0	—	—	—
3 .....	13.82	8.7	40.0	13.82	8.7	40.0	—	—	—
4 .....	15.36	12.8	40.0	15.36	12.8	40.0	—	—	—
Production inspectors, checkers and examiners	15.32	5.1	39.6	15.31	5.2	39.6	—	—	—
1 .....	10.44	6.8	38.4	10.44	6.8	38.4	—	—	—
2 .....	14.83	13.3	40.0	14.83	13.3	40.0	—	—	—
3 .....	14.79	9.6	40.0	14.79	9.6	40.0	—	—	—
4 .....	14.60	2.4	39.9	14.60	2.4	39.9	—	—	—
5 .....	14.59	9.2	39.9	14.59	9.2	39.9	—	—	—
Production testers .....	14.01	7.1	39.6	14.01	7.1	39.6	—	—	—
Graders and sorters, except agricultural .....	10.95	4.9	40.0	10.95	4.9	40.0	—	—	—
<b>Transportation and material moving .....</b>	<b>16.16</b>	<b>2.4</b>	<b>37.5</b>	<b>16.07</b>	<b>2.9</b>	<b>38.1</b>	<b>\$17.05</b>	<b>4.4</b>	<b>32.2</b>
1 .....	8.85	11.0	30.1	8.83	11.3	30.0	—	—	—
2 .....	11.93	3.1	32.8	11.17	3.1	32.6	15.61	3.2	34.0
3 .....	13.93	4.2	35.5	13.60	5.1	36.9	15.90	10.4	29.0
4 .....	18.24	3.9	39.5	18.27	4.2	40.0	17.77	4.6	31.8
5 .....	16.91	3.4	40.3	16.85	3.6	41.4	17.45	6.5	33.2
6 .....	20.50	8.7	48.6	20.65	9.0	49.2	—	—	—
7 .....	22.35	5.4	40.7	22.25	5.9	40.7	23.83	4.7	40.0
8 .....	28.18	.9	39.3	—	—	—	—	—	—
Not able to be leveled .....	17.64	5.9	39.5	17.64	5.9	39.5	—	—	—
Supervisors, motor vehicle operators .....	19.59	11.9	44.5	19.20	13.0	45.1	22.97	4.4	40.0
7 .....	22.26	3.6	41.6	21.86	5.5	42.5	22.97	4.4	40.0
Truckdrivers .....	16.59	3.4	39.8	16.49	3.8	39.8	19.43	10.3	37.9
1 .....	8.70	6.8	35.6	8.71	6.9	35.6	—	—	—
2 .....	12.52	5.5	36.7	12.40	6.4	36.8	—	—	—
3 .....	12.88	9.7	35.7	12.18	9.9	35.4	21.32	21.4	39.1
4 .....	19.28	4.5	40.6	19.27	4.7	40.6	—	—	—
5 .....	16.91	5.0	42.2	16.82	4.6	42.4	—	—	—
6 .....	21.34	9.0	54.0	—	—	—	—	—	—
Not able to be leveled .....	13.19	10.0	34.7	13.19	10.0	34.7	—	—	—
Driver-sales workers .....	10.27	13.8	26.2	10.27	13.8	26.2	—	—	—
1 .....	5.62	4.8	22.8	5.62	4.8	22.8	—	—	—
2 .....	8.77	14.4	24.9	8.77	14.4	24.9	—	—	—
3 .....	13.58	11.7	25.5	13.58	11.7	25.5	—	—	—
Busdrivers .....	15.25	2.5	28.9	13.72	18.5	32.1	15.57	2.7	28.3
2 .....	15.37	4.1	31.7	10.54	5.3	27.7	16.64	2.1	32.9
3 .....	14.30	4.3	26.3	—	—	—	14.34	4.5	26.4
4 .....	14.83	6.9	28.5	—	—	—	16.40	3.9	27.3
5 .....	17.36	8.4	30.6	—	—	—	16.10	9.0	27.1
Taxicab drivers and chauffeurs .....	9.35	16.8	30.1	9.35	16.8	30.1	—	—	—
Motor transportation, n.e.c. ....	9.27	9.3	21.3	8.43	9.4	20.6	—	—	—
1 .....	6.17	7.2	19.5	6.17	7.2	19.5	—	—	—
2 .....	7.90	6.9	20.3	7.85	6.9	20.2	—	—	—
Supervisors, material moving equipment .....	20.32	2.4	42.7	20.32	2.4	42.7	—	—	—
7 .....	19.49	2.3	42.3	19.49	2.3	42.3	—	—	—
Operating engineers .....	25.58	2.9	38.8	26.18	3.3	38.7	22.88	13.0	39.5
5 .....	21.63	8.8	40.0	—	—	—	—	—	—
Crane and tower operators .....	14.51	5.4	40.0	14.51	5.4	40.0	—	—	—
4 .....	13.58	4.5	40.0	13.58	4.5	40.0	—	—	—
5 .....	17.37	5.4	40.0	17.37	5.4	40.0	—	—	—
Excavating and loading machine operators .....	15.99	16.0	40.0	15.85	16.8	40.0	—	—	—
4 .....	13.85	3.7	40.0	—	—	—	—	—	—
5 .....	16.33	10.5	40.0	—	—	—	—	—	—
Grader, dozer, and scraper operators .....	19.67	15.7	40.0	21.66	16.6	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Transportation and material moving—Continued</b>									
Industrial truck and tractor equipment operators	\$15.09	4.8	39.7	\$15.09	4.8	39.6	—	—	—
2 .....	11.95	6.5	39.5	11.95	6.5	39.5	—	—	—
3 .....	14.46	4.4	39.9	14.46	4.4	39.9	—	—	—
4 .....	17.48	5.0	39.3	17.49	5.0	39.3	—	—	—
5 .....	15.08	4.7	40.0	15.08	5.5	40.0	—	—	—
Not able to be leveled .....	16.17	9.7	40.0	16.17	9.7	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c. ....	16.03	5.4	37.2	15.77	6.5	36.9	\$18.28	10.7	40.0
2 .....	13.22	9.6	34.3	13.22	9.6	34.3	—	—	—
3 .....	15.69	11.3	40.0	15.82	12.6	40.0	—	—	—
4 .....	14.51	6.1	40.0	14.58	7.8	40.0	—	—	—
5 .....	19.62	5.1	37.3	—	—	—	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers</b>									
.....	12.21	3.4	34.4	11.97	3.4	34.2	16.09	5.2	38.3
1 .....	9.17	6.1	30.6	8.97	4.5	30.4	15.80	20.4	35.1
2 .....	11.75	3.2	36.2	11.75	3.4	36.1	11.85	10.7	39.8
3 .....	13.74	4.3	37.1	13.73	4.5	37.1	14.10	4.0	38.1
4 .....	16.57	6.1	38.1	16.45	7.3	38.1	17.42	6.6	38.8
5 .....	17.56	3.4	38.8	17.54	4.6	38.8	17.62	5.4	39.0
6 .....	19.14	7.3	40.2	19.87	8.6	40.3	17.45	2.5	40.0
7 .....	21.24	1.9	39.1	21.21	2.7	38.7	21.32	2.9	40.0
Not able to be leveled .....	12.79	11.2	36.8	12.79	11.2	36.8	—	—	—
Nursery workers .....	8.29	6.3	24.9	8.29	6.3	24.9	—	—	—
Supervisors, agriculture-related workers .....	15.97	15.1	41.6	—	—	—	19.70	8.1	40.0
7 .....	19.94	5.5	40.0	—	—	—	19.77	8.7	40.0
Groundskeepers and gardeners, except farm ...	11.10	5.9	35.8	9.45	2.6	35.8	14.53	6.3	35.9
1 .....	8.78	5.1	29.7	8.39	3.0	30.7	10.15	19.5	26.6
2 .....	10.43	6.7	39.5	9.63	4.1	39.5	13.00	1.1	39.4
3 .....	10.49	5.7	37.2	9.94	6.1	37.2	12.41	12.7	37.1
4 .....	11.77	8.5	38.1	10.81	7.6	37.5	—	—	—
5 .....	17.68	8.3	38.2	—	—	—	17.93	8.5	38.1
Animal caretakers, except farm .....	11.74	19.4	30.8	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c. ....	19.50	5.8	39.6	19.07	6.5	39.6	—	—	—
4 .....	13.78	2.6	38.6	13.78	2.6	38.6	—	—	—
5 .....	14.96	10.2	41.2	14.33	9.7	41.3	—	—	—
7 .....	20.67	4.5	38.6	20.06	6.1	37.9	—	—	—
Not able to be leveled .....	22.13	10.9	40.0	22.13	10.9	40.0	—	—	—
Helpers, mechanics and repairers .....	11.57	16.8	35.4	10.50	10.3	35.1	—	—	—
4 .....	17.03	10.6	40.0	—	—	—	—	—	—
Helpers, construction trades .....	15.92	10.4	37.4	15.92	10.4	37.4	—	—	—
2 .....	13.44	9.7	37.9	13.44	9.7	37.9	—	—	—
3 .....	16.80	6.8	33.4	16.80	6.8	33.4	—	—	—
Construction laborers .....	19.46	3.2	37.1	19.65	3.1	37.0	15.00	11.9	39.0
1 .....	13.70	6.9	34.5	13.72	7.0	34.4	—	—	—
2 .....	16.47	6.3	40.0	16.77	5.8	40.0	—	—	—
3 .....	17.00	10.5	37.3	17.33	11.5	37.1	—	—	—
5 .....	20.90	7.2	38.5	20.92	7.6	38.5	—	—	—
Production helpers .....	12.25	4.2	38.7	12.24	4.2	38.7	—	—	—
1 .....	9.84	6.3	36.7	9.84	6.3	36.7	—	—	—
2 .....	13.08	10.9	38.4	13.08	10.9	38.4	—	—	—
3 .....	12.80	7.2	40.0	12.77	7.2	40.0	—	—	—
4 .....	13.79	12.8	40.0	13.79	12.8	40.0	—	—	—
Stock handlers and baggers .....	10.61	3.7	28.8	10.58	3.8	28.7	—	—	—
1 .....	8.15	1.8	23.9	8.15	1.8	23.9	—	—	—
2 .....	10.69	4.1	33.0	10.69	4.1	33.0	—	—	—
3 .....	14.27	8.5	38.0	14.28	8.7	38.0	—	—	—
4 .....	14.03	4.9	39.7	13.87	5.6	39.7	—	—	—
Machine feeders and offbearers .....	11.50	9.3	38.0	11.50	9.3	38.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Blue collar—Continued</b>									
<b>Handlers, equipment cleaners, helpers, and laborers—Continued</b>									
Machine feeders and offbearers—Continued									
1 .....	\$9.87	6.1	39.8	\$9.87	6.1	39.8	—	—	—
2 .....	11.62	7.5	40.0	11.62	7.5	40.0	—	—	—
3 .....	14.11	19.4	40.0	14.11	19.4	40.0	—	—	—
4 .....	13.29	6.5	40.0	13.29	6.5	40.0	—	—	—
Freight, stock, and material handlers, n.e.c. ....	13.30	5.4	34.5	13.28	5.2	34.5	—	—	—
1 .....	10.87	8.2	33.5	10.75	7.5	33.4	—	—	—
2 .....	13.65	5.3	35.1	13.65	5.3	35.1	—	—	—
3 .....	16.63	8.7	35.1	16.63	8.7	35.1	—	—	—
4 .....	14.72	5.7	38.5	14.72	5.7	38.5	—	—	—
5 .....	14.06	9.9	31.3	14.06	9.9	31.3	—	—	—
Not able to be leveled .....	12.29	8.0	33.0	12.29	8.0	33.0	—	—	—
Garage and service station related .....	8.82	7.4	37.9	8.54	7.2	37.7	—	—	—
2 .....	8.16	9.1	34.3	—	—	—	—	—	—
4 .....	10.83	17.9	40.0	10.83	17.9	40.0	—	—	—
Vehicle washers and equipment cleaners .....	10.58	9.3	32.4	10.58	9.3	32.4	—	—	—
1 .....	8.42	9.6	28.8	8.43	9.6	28.8	—	—	—
2 .....	15.19	17.4	40.0	15.19	17.4	40.0	—	—	—
3 .....	9.64	13.5	35.6	9.64	13.5	35.6	—	—	—
Hand packers and packagers .....	9.95	9.2	37.8	9.95	9.2	37.8	—	—	—
1 .....	8.54	12.2	38.5	8.54	12.2	38.5	—	—	—
2 .....	10.84	4.1	34.1	10.84	4.1	34.1	—	—	—
3 .....	13.80	13.1	39.4	13.80	13.1	39.4	—	—	—
4 .....	13.92	11.3	40.0	13.92	11.3	40.0	—	—	—
Laborers, except construction, n.e.c. ....	11.76	9.4	35.3	11.13	10.5	34.7	\$15.48	12.5	39.4
1 .....	9.89	8.4	31.8	8.82	4.6	31.1	17.70	23.4	38.2
2 .....	10.11	14.1	39.0	9.94	13.7	38.8	11.53	21.0	40.0
3 .....	12.75	7.6	31.6	12.70	8.7	30.4	—	—	—
4 .....	19.24	9.5	39.7	—	—	—	15.41	7.3	40.0
5 .....	16.96	7.6	40.0	—	—	—	17.22	8.8	40.0
<b>Service .....</b>	10.56	2.2	30.2	8.91	2.6	29.0	16.87	3.0	36.2
1 .....	7.42	3.6	24.9	7.09	3.2	24.7	11.07	6.9	27.7
2 .....	8.03	3.6	28.4	7.54	4.0	27.8	11.59	4.4	33.1
3 .....	10.11	2.8	33.3	9.68	3.5	33.0	12.79	2.8	35.4
4 .....	11.42	2.8	34.1	10.88	4.0	33.3	13.12	3.6	36.6
5 .....	14.53	2.4	35.0	13.67	2.9	34.8	16.03	2.7	35.3
6 .....	17.96	4.1	39.3	15.68	7.6	37.8	19.64	3.9	40.6
7 .....	20.78	2.3	39.3	18.52	11.1	30.8	21.16	2.5	41.3
8 .....	24.29	1.4	40.1	20.85	12.4	39.1	24.46	1.4	40.2
9 .....	26.55	2.4	41.9	—	—	—	26.87	3.4	42.0
10 .....	30.95	15.2	41.7	—	—	—	31.34	15.6	41.8
Not able to be leveled .....	9.64	3.9	31.5	9.59	4.0	31.4	—	—	—
Protective service .....	17.55	3.9	36.6	10.16	4.5	32.5	21.38	1.7	39.3
1 .....	9.12	5.0	33.2	9.16	4.9	35.0	8.03	9.8	13.2
2 .....	8.64	3.5	29.4	8.41	2.5	29.7	13.01	6.1	24.4
3 .....	10.88	12.7	34.1	9.35	8.1	33.7	17.06	5.6	35.9
4 .....	12.10	8.1	31.6	11.03	2.9	25.6	12.43	10.6	34.1
5 .....	15.37	5.0	35.7	12.98	6.7	35.8	16.82	5.2	35.7
6 .....	19.66	3.9	40.4	—	—	—	19.65	3.9	40.6
7 .....	21.49	2.6	39.9	25.10	25.7	18.2	21.37	2.6	41.4
8 .....	24.49	1.6	40.3	—	—	—	24.49	1.6	40.3
9 .....	26.31	2.5	42.0	—	—	—	26.72	3.7	42.0
10 .....	30.95	15.2	41.7	—	—	—	31.34	15.6	41.8
Not able to be leveled .....	15.01	14.7	35.5	14.80	15.0	35.4	—	—	—
Supervisors, firefighters and fire prevention .....	22.03	7.6	49.3	—	—	—	22.03	7.6	49.3
9 .....	25.54	6.9	47.7	—	—	—	25.54	6.9	47.7
Supervisors, police and detectives .....	28.62	10.2	40.1	—	—	—	28.78	10.4	40.1
8 .....	24.42	3.4	40.3	—	—	—	24.42	3.4	40.3

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service—Continued</b>									
Protective service—Continued									
Supervisors, police and detectives—Continued									
9 .....	\$29.89	2.8	40.0	—	—	—	\$29.89	2.8	40.0
10 .....	34.02	11.1	40.0	—	—	—	34.65	11.1	40.0
Supervisors, guards .....	17.75	18.7	39.7	\$13.29	8.2	40.0	—	—	—
Firefighting .....	19.70	2.4	45.8	—	—	—	20.10	1.8	45.5
5 .....	14.81	11.3	44.6	—	—	—	17.15	4.0	40.4
6 .....	19.16	2.5	44.0	—	—	—	19.16	2.5	44.0
7 .....	20.89	3.4	46.8	—	—	—	20.89	3.4	46.8
Police and detectives, public service .....	23.91	1.2	38.8	—	—	—	23.91	1.2	38.8
5 .....	16.41	6.4	23.4	—	—	—	16.41	6.4	23.4
6 .....	22.35	4.4	38.0	—	—	—	22.35	4.4	38.0
7 .....	22.60	2.3	39.2	—	—	—	22.60	2.3	39.2
8 .....	25.00	2.0	39.7	—	—	—	25.00	2.0	39.7
9 .....	26.65	4.9	40.4	—	—	—	26.65	4.9	40.4
Sheriffs, bailiffs, and other law enforcement officers .....	17.88	4.4	39.8	—	—	—	17.88	4.4	39.8
7 .....	16.08	7.7	40.0	—	—	—	16.07	7.7	40.0
8 .....	21.54	4.8	40.3	—	—	—	21.54	4.8	40.3
Correctional institution officers .....	17.94	5.3	38.4	—	—	—	17.94	5.3	38.4
5 .....	17.00	5.9	39.4	—	—	—	17.00	5.9	39.4
6 .....	20.33	4.8	38.6	—	—	—	20.33	4.8	38.6
7 .....	18.32	3.3	40.0	—	—	—	18.32	3.3	40.0
Crossing guards .....	8.40	7.9	13.3	—	—	—	8.18	10.1	12.9
1 .....	8.03	9.8	13.2	—	—	—	8.03	9.8	13.2
Guards and police, except public service .....	10.23	4.2	32.9	10.08	5.4	33.1	12.37	20.8	30.9
1 .....	9.16	4.9	35.0	9.16	4.9	35.0	—	—	—
2 .....	8.63	2.0	32.6	8.62	2.0	32.6	—	—	—
3 .....	9.75	7.3	35.5	9.52	8.2	35.3	13.41	1.9	37.9
4 .....	9.71	18.9	28.9	11.74	8.7	25.3	—	—	—
5 .....	14.76	11.7	27.5	14.44	12.2	29.7	—	—	—
7 .....	25.72	25.2	17.4	29.79	29.6	13.1	—	—	—
Not able to be leveled .....	15.22	15.6	35.6	15.22	15.6	35.6	—	—	—
Protective service, n.e.c. ....	11.65	16.0	26.8	7.85	4.6	23.3	15.50	7.5	31.5
2 .....	7.98	12.0	21.6	7.22	3.8	21.5	—	—	—
3 .....	12.43	22.9	27.5	7.85	9.7	24.3	17.24	5.0	31.9
4 .....	11.52	16.1	26.9	—	—	—	13.05	8.7	27.7
Food service .....	7.34	1.2	26.4	7.15	1.3	26.3	10.87	4.1	29.3
1 .....	6.21	3.2	23.3	6.12	3.4	23.3	9.32	4.1	23.5
2 .....	6.06	5.3	25.4	5.92	5.3	25.3	9.53	6.2	27.4
3 .....	8.53	3.6	30.6	8.07	2.9	30.5	11.61	6.6	31.5
4 .....	9.11	4.4	33.4	8.87	4.9	33.2	11.55	4.7	35.4
5 .....	11.90	4.0	39.7	11.87	4.5	40.3	12.35	6.2	32.6
6 .....	14.32	6.8	40.3	14.32	6.8	40.3	—	—	—
7 .....	15.58	10.7	38.1	15.17	10.6	37.9	—	—	—
Not able to be leveled .....	9.97	11.0	25.6	9.97	11.0	25.6	—	—	—
Waiters, waitresses, and bartenders .....	4.34	3.0	23.6	4.35	2.9	23.6	—	—	—
1 .....	4.14	9.8	21.9	4.14	9.8	21.9	—	—	—
2 .....	3.62	9.3	25.8	3.62	9.3	25.8	—	—	—
3 .....	4.91	6.4	23.9	4.91	6.4	23.9	—	—	—
Bartenders .....	6.67	3.8	23.9	6.67	3.8	23.9	—	—	—
1 .....	6.31	6.4	20.8	6.31	6.4	20.8	—	—	—
2 .....	5.64	16.5	21.9	5.64	16.5	21.9	—	—	—
3 .....	6.39	7.5	25.8	6.39	7.5	25.8	—	—	—
Waiters and waitresses .....	3.26	5.5	23.6	3.26	5.5	23.6	—	—	—
1 .....	3.13	5.3	21.3	3.13	5.3	21.3	—	—	—
2 .....	3.39	8.7	26.2	3.39	8.7	26.2	—	—	—
3 .....	3.09	4.6	22.0	3.09	4.6	22.0	—	—	—
Waiters'/Waitresses' assistants .....	6.02	7.6	23.7	6.02	7.6	23.7	—	—	—
1 .....	6.00	9.2	23.4	6.00	9.2	23.4	—	—	—
Other food service .....	8.50	.9	27.7	8.31	1.0	27.5	10.90	4.2	29.3
1 .....	7.05	2.3	24.0	6.96	2.4	24.0	9.32	4.1	23.5

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service—Continued</b>									
Food service—Continued									
Other food service—Continued									
2 .....	\$7.61	2.2	25.2	\$7.48	2.6	25.0	\$9.66	6.4	27.8
3 .....	9.38	3.1	32.8	8.95	2.4	33.0	11.61	6.6	31.5
4 .....	9.92	1.9	36.7	9.69	1.4	36.9	11.55	4.7	35.4
5 .....	11.90	4.0	39.7	11.87	4.5	40.3	12.35	6.2	32.6
6 .....	14.32	6.8	40.3	14.32	6.8	40.3	—	—	—
7 .....	15.56	10.9	38.0	15.14	10.7	37.9	—	—	—
Not able to be leveled .....	11.26	8.6	34.5	11.26	8.6	34.5	—	—	—
Supervisors, food preparation and service .....	11.91	5.5	38.9	11.96	6.0	39.3	11.32	2.9	34.2
3 .....	9.24	7.7	32.6	9.24	7.7	32.6	—	—	—
5 .....	12.10	5.4	40.0	12.14	5.7	40.5	—	—	—
6 .....	14.31	7.0	40.3	14.31	7.0	40.3	—	—	—
7 .....	16.32	6.3	41.2	15.87	5.8	41.3	—	—	—
Cooks .....	9.47	2.2	32.4	9.07	1.9	32.3	11.86	5.2	33.2
1 .....	7.63	7.6	25.5	6.92	3.9	24.0	—	—	—
2 .....	8.63	2.5	29.1	8.51	2.5	29.2	11.10	5.9	27.3
3 .....	9.66	4.4	34.2	9.10	3.9	34.5	11.80	7.5	33.1
4 .....	9.96	3.3	34.5	9.52	2.6	34.1	13.18	8.4	37.4
5 .....	11.16	4.7	38.2	10.81	3.1	39.3	—	—	—
Not able to be leveled .....	10.71	4.0	38.6	10.71	4.0	38.6	—	—	—
Food counter, fountain, and related .....	6.84	1.9	23.5	6.84	1.9	23.5	7.17	7.4	17.4
1 .....	6.44	3.1	23.1	6.44	3.1	23.2	—	—	—
2 .....	6.88	5.1	21.3	6.87	5.1	21.3	—	—	—
3 .....	8.10	5.2	32.7	8.10	5.2	32.7	—	—	—
Kitchen workers, food preparation .....	7.59	3.0	27.1	7.53	3.3	26.9	8.72	4.1	33.3
1 .....	7.44	3.4	25.6	7.44	3.4	25.7	—	—	—
2 .....	7.29	5.9	27.4	7.18	6.7	26.9	—	—	—
3 .....	8.94	3.9	28.5	8.84	4.1	28.3	—	—	—
Food preparation, n.e.c. ....	7.45	2.5	24.2	7.29	2.4	24.3	9.84	4.9	22.7
1 .....	7.12	3.0	23.8	7.04	3.2	23.9	9.02	3.8	21.1
2 .....	7.83	3.0	23.8	7.56	2.3	23.9	10.47	6.0	23.0
3 .....	9.73	4.8	29.5	9.22	5.5	31.5	10.84	7.2	26.0
Health service .....	10.71	2.3	34.2	10.43	2.6	33.9	12.88	5.1	37.4
1 .....	8.50	3.0	27.3	8.53	3.3	25.4	—	—	—
2 .....	9.61	1.5	33.9	9.53	1.6	33.6	10.05	6.1	35.8
3 .....	10.49	4.3	34.0	10.41	4.6	34.0	13.56	6.6	36.0
4 .....	11.96	2.5	35.7	11.52	3.4	34.9	13.32	4.9	38.6
5 .....	13.37	6.1	36.8	11.66	6.3	37.0	15.30	2.7	36.6
6 .....	13.10	12.9	29.8	13.10	12.9	29.8	—	—	—
Not able to be leveled .....	9.90	10.7	36.1	9.90	10.7	36.1	—	—	—
Health aides, except nursing .....	11.51	4.3	33.6	10.92	4.0	33.4	14.63	1.9	34.4
1 .....	9.28	14.1	28.7	9.27	14.2	28.8	—	—	—
2 .....	9.04	3.6	31.3	8.73	4.3	31.8	—	—	—
3 .....	10.70	6.5	31.4	10.13	4.4	31.0	15.01	3.2	34.6
4 .....	11.95	5.3	36.6	11.91	5.5	36.8	—	—	—
5 .....	13.61	4.3	37.3	11.90	2.4	39.5	14.90	2.3	35.9
Not able to be leveled .....	12.87	7.0	36.9	12.87	7.0	36.9	—	—	—
Nursing aides, orderlies, and attendants .....	10.05	2.2	33.7	9.72	1.5	33.1	12.28	6.9	38.5
1 .....	8.38	3.9	27.1	8.38	4.5	24.8	—	—	—
2 .....	9.71	1.6	34.4	9.69	1.7	34.0	9.80	4.6	37.1
3 .....	9.66	2.4	33.2	9.61	2.4	33.1	11.88	6.5	37.7
4 .....	11.60	3.7	35.0	10.55	2.4	32.9	13.34	5.2	39.0
5 .....	12.67	11.4	36.8	10.85	10.1	36.0	—	—	—
Not able to be leveled .....	9.42	11.1	36.0	9.42	11.1	36.0	—	—	—
Cleaning and building service .....	10.84	3.9	33.1	10.04	5.8	31.6	13.26	3.8	38.4
1 .....	9.40	5.4	29.3	8.80	4.6	28.3	13.19	3.3	37.5
2 .....	11.16	2.4	34.3	10.50	5.4	33.0	12.71	5.6	37.7
3 .....	11.96	2.4	38.4	11.60	6.0	37.8	12.30	2.8	38.9
4 .....	14.21	7.9	38.0	14.04	12.3	36.8	14.49	2.9	40.0
5 .....	16.49	3.6	40.0	16.36	4.3	39.9	16.70	4.7	40.0
7 .....	17.71	7.3	39.9	16.32	8.1	39.9	18.74	10.4	40.0

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service—Continued</b>									
Cleaning and building service—Continued									
Not able to be leveled .....	\$8.91	5.7	33.3	\$8.91	5.7	33.3	—	—	—
Supervisors, cleaning and building service workers .....	15.98	4.9	39.1	14.99	4.7	38.7	\$17.19	11.1	39.5
4 .....	13.53	9.0	36.6	—	—	—	—	—	—
5 .....	15.44	2.4	39.9	15.43	2.6	39.9	—	—	—
7 .....	17.15	8.0	40.0	—	—	—	18.74	10.4	40.0
Maids and housemen .....	8.39	4.0	32.1	8.38	4.0	32.1	—	—	—
1 .....	8.80	6.5	32.3	8.80	6.5	32.2	—	—	—
2 .....	8.52	3.2	32.8	8.50	3.2	32.9	—	—	—
Not able to be leveled .....	7.70	4.3	31.4	7.70	4.3	31.4	—	—	—
Janitors and cleaners .....	11.17	4.3	33.0	10.40	7.4	31.2	12.98	3.7	38.3
1 .....	9.60	6.1	28.4	8.80	6.0	26.9	13.19	3.3	37.4
2 .....	11.38	2.3	34.4	10.74	5.6	33.0	12.72	5.6	37.7
3 .....	12.01	2.4	38.3	11.67	6.0	37.7	12.31	3.0	38.8
4 .....	14.27	8.5	38.1	14.23	12.4	37.0	14.34	2.8	40.0
5 .....	17.06	4.0	40.0	17.51	6.2	40.0	16.75	5.1	40.0
Not able to be leveled .....	10.55	4.1	36.3	10.55	4.1	36.3	—	—	—
Personal service .....	10.86	2.4	27.2	10.58	2.9	27.4	12.15	6.1	26.5
1 .....	8.20	8.2	19.9	7.31	4.0	19.0	9.84	15.4	21.8
2 .....	8.10	5.6	26.8	7.58	6.9	27.1	10.87	9.0	25.1
3 .....	9.52	2.0	31.8	9.37	2.6	32.1	11.60	6.0	27.4
4 .....	12.99	5.2	31.0	12.82	5.1	30.4	13.63	10.7	33.5
5 .....	18.07	5.2	25.6	19.00	10.2	24.5	15.28	6.5	29.9
7 .....	21.96	12.9	31.9	—	—	—	—	—	—
Not able to be leveled .....	9.41	9.7	23.6	—	—	—	—	—	—
Supervisors, personal service .....	11.78	16.3	37.7	10.66	14.2	37.6	—	—	—
Hairdressers and cosmetologists .....	16.25	16.8	27.1	16.25	16.8	27.1	—	—	—
Attendants, amusement and recreation facilities .....	6.81	4.5	25.3	6.60	4.9	25.8	7.75	4.3	23.4
1 .....	6.55	1.8	19.7	6.20	3.8	19.5	7.19	4.9	20.1
2 .....	6.24	6.1	30.5	6.07	4.7	30.4	—	—	—
3 .....	7.71	3.4	25.5	7.61	3.6	25.8	—	—	—
Ushers .....	6.77	5.0	16.3	6.77	5.0	16.3	—	—	—
1 .....	6.77	5.0	16.3	6.77	5.0	16.3	—	—	—
Public transportation attendants .....	32.58	3.4	17.0	34.59	2.6	17.1	—	—	—
Baggage porters and bellhops .....	9.45	30.3	35.1	9.45	30.3	35.1	—	—	—
Welfare service aides .....	9.69	4.3	28.8	9.43	4.4	28.0	11.61	23.6	36.7
2 .....	8.58	1.8	25.4	8.58	1.8	25.4	—	—	—
3 .....	9.53	4.8	29.8	9.53	4.8	29.8	—	—	—
4 .....	10.96	3.4	30.1	10.78	3.6	29.7	—	—	—
5 .....	14.32	13.8	32.3	—	—	—	—	—	—
Early childhood teachers' assistants .....	9.34	6.7	32.1	8.45	10.3	32.9	12.00	5.6	29.9
1 .....	8.36	4.4	18.9	8.10	5.4	19.4	—	—	—
2 .....	8.43	10.7	29.9	7.05	6.8	29.3	12.05	17.0	31.5
3 .....	9.13	2.6	35.6	8.38	3.1	36.3	12.02	1.9	33.4
Childcare workers, n.e.c. ....	11.26	5.3	26.7	10.26	8.6	30.4	12.91	8.3	22.3
1 .....	7.55	3.7	12.3	6.43	4.8	12.7	8.02	2.5	12.1
2 .....	10.19	5.6	23.0	—	—	—	10.46	4.4	24.0
3 .....	9.45	3.7	33.2	9.39	3.8	34.0	—	—	—
4 .....	16.70	12.6	37.4	—	—	—	17.48	9.3	37.0
5 .....	13.71	9.1	36.0	—	—	—	14.31	10.0	36.7

See footnotes at end of table.

TABLE 6. Occupations<sup>1</sup> and levels,<sup>2</sup> East North Central: Mean hourly earnings<sup>3</sup> and weekly hours, private industry and State and local government, National Compensation Survey,<sup>4</sup> July 2003—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 <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)		Mean	Relative error <sup>5</sup> (percent)	
<b>Service</b> —Continued									
<b>Personal service</b> —Continued									
Service, n.e.c. ....	\$10.15	5.5	26.7	\$9.60	4.7	26.2	\$13.21	7.2	29.7
1 .....	9.82	14.6	23.1	8.19	3.8	20.7	—	—	—
2 .....	9.02	13.1	21.5	9.14	14.2	22.8	—	—	—
3 .....	10.45	3.7	32.3	10.42	3.7	32.5	—	—	—
4 .....	10.43	10.8	32.2	9.49	11.6	31.2	—	—	—
5 .....	11.39	7.0	21.4	11.16	7.2	25.1	—	—	—

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

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> In this census division, data were collected between December 2002 and January 2004. The average reference period was July 2003.

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

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

# Technical Note

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

**Survey scope.** In the East North Central Census Division, the NCS studied 4,504 establishments representing approximately 14,573,300 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 the State unemployment insurance reports. The reference month for the public sector is June 1994. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The reference month for the private sector varied by area.

**Sample design.** The sample for this survey was selected using a three-stage design. The first stage consisted of the selection of areas. The nationwide NCS sample consists of 154 metropolitan and nonmetropolitan areas that represent the Nation's 326 metropolitan statistical areas and the remaining portions of the 50 States. Metropolitan areas are designated Metropolitan Statistical Areas (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  
Kalamazoo-Battle Creek, MI, MSA  
Marshall County, IN  
Milwaukee-Racine, WI, CMSA  
Monroe County, OH  
Morgan County, IL  
Rockford, IL, MSA  
Sauk County, WI  
Seneca County, OH  
Wayne County, OH  
Youngstown-Warren, OH, MSA

In the second stage, the sample of establishments was drawn by first stratifying the sampling frame by ownership and industry. The number of sample establishments allocated to each stratum 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 sample 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 2002 and January 2004. The average payroll reference month was July 2003. 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 who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

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

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The NCS occupational classification system is based on 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 was also 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 and nonsampling.

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

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average 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 \$17.75 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 \$17.49 to \$18.01 ( $\$17.75 \times 1.645 \times 0.009 = \$0.2628$ , round to \$0.26); ( $\$17.75 - .26 = \$17.49$ ;  $\$17.75 + .26 = \$18.01$ ). 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 workers<sup>1</sup> represented by the survey, by occupational group,<sup>2</sup> East North Central, National Compensation Survey,<sup>3</sup> July 2003

Occupational group	All industries	Private industry	State and local government
<b>All</b> .....	14,573,300	12,475,400	2,098,000
All, excluding sales .....	13,309,200	11,215,900	2,093,300
<b>White collar</b> .....	7,119,200	5,735,600	1,383,700
White collar, excluding sales .....	5,855,100	4,476,100	1,379,000
Professional specialty and technical .....	2,514,400	1,649,400	865,000
Professional specialty occupations .....	1,975,100	1,157,600	817,500
Technical occupations .....	539,300	491,800	47,500
Executive, administrative, and managerial .....	1,011,500	863,200	148,300
Sales .....	1,264,100	1,259,500	4,700
Administrative support, including clerical .....	2,329,100	1,963,400	365,700
<b>Blue collar</b> .....	4,747,800	4,525,300	222,500
Precision production, craft, and repair .....	1,252,200	1,172,200	80,000
Machine operators, assemblers, and inspectors .....	1,716,900	1,714,600	2,300
Transportation and material moving .....	729,500	644,500	85,100
Handlers, equipment cleaners, helpers, and laborers .....	1,049,200	994,000	55,200
<b>Service</b> .....	2,706,300	2,214,500	491,800

<sup>1</sup> 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.

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

<sup>3</sup> In this census division, data were collected between December 2002 and January 2004. The average reference period was July 2003.

**TABLE B. Number of establishments studied by industry group and establishment employment size, East North Central, National Compensation Survey,<sup>1</sup> July 2003**

Industry division	Number of establishments studied						
	Total	1 to 99 workers <sup>2</sup>	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
<b>All</b> .....	4,504	1,809	1,483	421	453	197	141
<b>Private Industry</b> .....	3,973	1,766	1,247	306	381	169	104
Goods-producing industries .....	1,304	454	487	113	141	72	37
Mining .....	31	27	3	1	—	—	—
Construction .....	166	118	45	3	—	—	—
Manufacturing .....	1,107	309	439	109	141	72	37
Durable goods .....	812	221	314	74	107	64	32
Nondurable goods .....	295	88	125	35	34	8	5
Service-producing industries .....	2,669	1,312	760	193	240	97	67
Transportation and utilities .....	244	96	75	30	24	9	10
Wholesale trade .....	180	112	52	11	3	2	—
Retail trade .....	640	420	173	18	22	3	4
Finance, insurance and real estate .....	282	146	47	22	34	15	18
Services .....	1,323	538	413	112	157	68	35
<b>State and local government</b> .....	531	43	236	115	72	28	37

<sup>1</sup> In this census division, collection was conducted between December 2002 and January 2004. The average reference period was July 2003.

<sup>2</sup> 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.