

National Compensation Survey: Occupational Wages in the West North Central Census Division, July 2003



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TABLE 1. Summary, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey,² July 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 ³ (percent)		Mean	Relative error ³ (percent)		Mean	Relative error ³ (percent)	
Total	\$17.03	4.4	35.1	\$16.30	4.8	34.7	\$21.09	4.4	37.4
Worker characteristics:⁴									
White-collar occupations ⁵	20.67	6.4	35.8	19.89	8.6	35.4	23.61	4.3	37.6
Professional specialty and technical ...	25.02	3.3	36.2	24.10	3.9	35.7	26.66	2.5	37.2
Executive, administrative, and managerial	35.38	21.2	41.0	36.34	25.3	41.3	30.83	12.5	39.8
Sales	13.69	9.4	30.5	13.70	9.5	30.6	10.45	7.1	22.7
Administrative support	12.75	4.5	36.5	12.42	1.9	36.3	14.21	10.7	37.6
Blue-collar occupations ⁵	15.14	2.3	38.0	15.07	2.3	38.1	16.78	3.7	36.7
Precision production, craft, and repair	18.62	4.4	39.7	18.60	4.8	39.7	18.98	3.1	40.0
Machine operators, assemblers, and inspectors	13.37	3.3	38.8	13.37	3.3	38.8	—	—	—
Transportation and material moving ...	14.68	3.5	38.4	14.65	4.1	38.9	15.13	6.1	32.9
Handlers, equipment cleaners, helpers, and laborers	11.75	3.3	34.5	11.63	3.2	34.4	14.37	9.9	36.3
Service occupations ⁵	9.93	5.2	28.8	8.72	2.5	27.3	14.89	3.7	37.0
Full time	18.30	4.6	39.9	17.65	5.3	40.0	21.61	3.9	39.5
Part time	9.23	2.5	20.2	8.88	1.5	20.1	13.80	8.3	21.2
Union	19.84	1.6	37.7	19.31	1.5	37.8	20.86	3.9	37.6
Nonunion	16.45	5.6	34.6	15.84	5.9	34.3	21.24	4.5	37.2
Time	16.13	3.3	34.8	15.19	1.6	34.4	21.09	4.4	37.4
Incentive	33.87	36.3	40.7	33.87	36.3	40.7	—	—	—
Establishment characteristics:									
Goods producing	(⁶)	(⁶)	(⁶)	16.85	3.0	39.4	(⁶)	(⁶)	(⁶)
Service producing	(⁶)	(⁶)	(⁶)	16.07	7.0	33.1	(⁶)	(⁶)	(⁶)
1 to 99 workers ⁷	15.64	9.7	33.4	15.57	9.9	33.4	20.68	14.4	34.3
100 to 499 workers	15.72	2.0	35.8	15.29	2.3	35.7	18.60	4.5	36.3
500 to 999 workers	17.78	4.5	36.7	16.99	4.8	36.9	21.96	5.6	35.8
1,000 to 2,499 workers	18.87	9.2	36.9	18.43	10.8	36.7	20.49	4.0	37.6
2,500 workers or more	23.29	2.6	38.0	25.35	5.9	37.5	22.24	3.9	38.3
Geographic areas:⁸									
Metropolitan	17.98	5.2	35.1	17.30	5.7	34.6	21.71	4.1	37.7
Nonmetropolitan	13.64	3.4	35.2	12.82	2.6	35.1	18.68	6.8	36.1
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

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

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

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

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

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

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

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

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

⁸ Data are presented for metropolitan and nonmetropolitan area divisions as well as nine census divisions. See 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, West North Central: Mean hourly earnings¹ and weekly hours by selected characteristics, metropolitan and nonmetropolitan areas,² National Compensation Survey,³ 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 ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Total	\$17.03	4.4	35.1	\$17.98	5.2	35.1	\$13.64	3.4	35.2
Private Industry	16.30	4.8	34.7	17.30	5.7	34.6	12.82	2.6	35.1
State and local government	21.09	4.4	37.4	21.71	4.1	37.7	18.68	6.8	36.1
Worker characteristics:⁵									
White-collar occupations ⁶	20.67	6.4	35.8	21.75	7.3	36.0	15.74	3.3	34.8
Professional specialty and technical ...	25.02	3.3	36.2	26.27	3.3	36.2	20.03	4.5	36.1
Executive, administrative, and managerial	35.38	21.2	41.0	36.83	23.2	41.1	24.95	4.2	40.6
Sales	13.69	9.4	30.5	14.31	10.8	30.9	10.52	9.3	28.8
Administrative support	12.75	4.5	36.5	13.25	5.0	36.8	10.64	5.3	35.2
Blue-collar occupations ⁶	15.14	2.3	38.0	15.68	2.9	37.8	13.65	4.5	38.6
Precision production, craft, and repair	18.62	4.4	39.7	19.22	5.3	39.8	16.47	3.9	39.4
Machine operators, assemblers, and inspectors	13.37	3.3	38.8	14.02	3.2	38.5	12.21	7.5	39.3
Transportation and material moving ...	14.68	3.5	38.4	14.54	4.3	37.7	15.07	2.5	40.7
Handlers, equipment cleaners, helpers, and laborers	11.75	3.3	34.5	12.21	4.6	34.4	10.25	6.9	34.6
Service occupations ⁶	9.93	5.2	28.8	10.16	7.0	28.3	9.26	4.9	30.3
Full time	18.30	4.6	39.9	19.37	5.5	39.9	14.49	3.7	40.0
Part time	9.23	2.5	20.2	9.39	3.2	20.0	8.69	2.0	20.7
Union	19.84	1.6	37.7	20.16	2.0	37.6	18.44	1.9	38.2
Nonunion	16.45	5.6	34.6	17.52	6.6	34.6	12.84	3.3	34.8
Time	16.13	3.3	34.8	16.90	3.9	34.8	13.49	3.6	34.8
Incentive	33.87	36.3	40.7	37.16	39.2	39.6	17.55	8.9	47.5
Establishment characteristics:									
Goods producing ⁷	16.85	3.0	39.4	-	-	-	-	-	-
Service producing ⁷	16.07	7.0	33.1	-	-	-	-	-	-
1 to 99 workers ⁸	15.64	9.7	33.4	16.45	11.5	33.6	12.42	3.9	32.7
100 to 499 workers	15.72	2.0	35.8	16.41	.9	35.4	14.31	4.9	36.7
500 to 999 workers	17.78	4.5	36.7	17.81	5.1	36.4	17.70	10.1	37.5
1,000 to 2,499 workers	18.87	9.2	36.9	21.13	7.8	36.4	11.64	15.0	38.6
2,500 workers or more	23.29	2.6	38.0	23.29	2.6	38.0	-	-	-
Geographic areas:⁹									
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

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

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

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

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

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

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

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TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.03	4.4	35.1	\$18.30	4.6	39.9	\$9.23	2.5	20.2
All, excluding sales	17.34	4.9	35.6	18.42	5.1	39.9	9.65	3.2	20.2
White collar	20.67	6.4	35.8	21.99	6.9	39.9	10.89	4.6	20.4
White collar, excluding sales	22.15	7.3	37.2	22.80	7.6	39.8	14.04	8.3	20.4
Professional specialty and technical	25.02	3.3	36.2	25.57	3.1	39.3	19.09	5.7	19.4
Professional specialty	26.72	3.9	36.6	27.12	3.7	39.3	21.26	8.2	18.7
Engineers, architects, and surveyors	29.45	8.1	40.3	29.45	8.1	40.3	-	-	-
Civil engineers	34.22	15.9	40.0	34.22	15.9	40.0	-	-	-
Electrical and electronic engineers	32.37	3.9	40.7	32.37	3.9	40.7	-	-	-
Industrial engineers	27.70	3.1	40.5	27.70	3.1	40.5	-	-	-
Mechanical engineers	30.88	1.3	40.9	30.88	1.3	40.9	-	-	-
Engineers, n.e.c.	27.46	15.5	40.2	27.46	15.5	40.2	-	-	-
Mathematical and computer scientists	30.91	4.3	40.3	30.91	4.3	40.3	-	-	-
Computer systems analysts and scientists	30.88	4.9	40.3	30.88	4.9	40.3	-	-	-
Operations and systems researchers and analysts	30.30	13.5	39.7	30.30	13.5	39.7	-	-	-
Natural scientists	21.21	5.8	39.6	21.14	5.7	39.9	-	-	-
Chemists, except biochemists	20.99	28.0	40.0	20.99	28.0	40.0	-	-	-
Physical scientists, n.e.c.	27.62	8.9	39.8	27.62	8.9	39.8	-	-	-
Biological and life scientists	19.26	5.5	39.4	19.19	5.4	39.9	-	-	-
Health related	25.38	4.8	34.2	25.61	5.7	39.3	24.33	2.8	21.7
Physicians	62.51	17.8	41.9	61.30	20.3	42.9	-	-	-
Registered nurses	22.75	2.0	33.2	22.36	2.7	39.1	24.15	1.6	21.7
Pharmacists	36.98	2.2	38.9	37.28	1.6	39.9	-	-	-
Dietitians	16.72	9.4	34.9	16.39	11.0	40.0	-	-	-
Respiratory therapists	17.85	6.5	27.9	19.33	3.3	35.4	-	-	-
Occupational therapists	23.72	4.9	34.1	24.05	5.2	39.3	-	-	-
Physical therapists	23.69	4.6	38.5	23.67	4.4	39.9	-	-	-
Speech therapists	29.17	5.2	33.4	29.45	5.1	35.9	-	-	-
Therapists, n.e.c.	13.74	8.4	40.0	13.74	8.4	40.0	-	-	-
Physicians' assistants	31.94	4.1	39.9	31.93	4.1	40.0	-	-	-
Teachers, college and university	37.67	15.6	36.2	37.99	15.4	39.8	24.67	8.5	7.9
Social science teachers, n.e.c.	34.13	4.0	38.4	33.98	4.1	39.3	-	-	-
Mathematical science teachers	27.94	21.2	40.4	27.94	21.2	40.4	-	-	-
Medical science teachers	34.62	7.3	39.5	34.62	7.3	39.5	-	-	-
Health specialties teachers	25.72	2.9	38.6	25.80	3.1	40.4	-	-	-
Business, commerce, and marketing teachers ..	48.98	9.1	30.4	49.22	8.8	40.5	-	-	-
Art, drama, and music teachers	35.04	9.8	38.8	35.27	10.2	40.3	-	-	-
Education teachers	30.51	3.9	40.0	30.51	3.9	40.1	-	-	-
English teachers	29.25	10.9	37.7	-	-	-	-	-	-
Theology teachers	37.70	3.6	39.4	-	-	-	-	-	-
Trade and industrial teachers	31.98	7.8	33.6	32.11	7.8	37.6	-	-	-
Other post-secondary teachers	28.61	9.2	31.2	28.83	10.1	38.9	24.21	8.5	6.1
Teachers, except college and university	26.40	2.9	35.1	26.67	3.2	37.5	20.16	9.1	14.1
Prekindergarten and kindergarten	17.07	13.3	33.1	17.82	13.4	38.2	11.97	14.3	17.5
Elementary school teachers	29.40	2.2	36.7	29.43	2.2	36.9	-	-	-
Secondary school teachers	28.52	3.3	36.4	28.16	3.5	37.4	37.00	9.9	22.3
Teachers, special education	26.72	4.1	37.8	26.76	4.1	37.9	-	-	-
Teachers, n.e.c.	23.39	7.4	31.1	24.13	7.8	37.8	15.81	17.9	11.0
Substitute teachers	12.17	15.6	10.7	-	-	-	12.17	15.6	10.7
Vocational and educational counselors	16.93	17.2	39.8	16.93	17.2	39.8	-	-	-
Librarians, archivists, and curators	26.88	5.4	37.8	27.00	5.3	38.4	-	-	-
Librarians	26.92	5.4	37.8	27.04	5.3	38.4	-	-	-
Social scientists and urban planners	25.01	4.1	39.9	25.01	4.1	39.9	-	-	-
Economists	24.79	4.1	40.0	24.79	4.1	40.0	-	-	-
Psychologists	26.13	5.0	39.7	26.13	5.0	39.7	-	-	-
Social, recreation, and religious workers	16.80	6.1	38.8	16.82	6.3	39.7	16.40	9.0	27.9
Social workers	16.79	6.3	39.2	16.86	6.4	39.8	-	-	-
Lawyers and judges	39.09	18.2	37.8	39.50	18.4	40.6	-	-	-
Lawyers	38.33	19.5	37.7	38.74	19.9	40.6	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.29	10.0	34.1	17.31	8.4	40.0	9.58	18.8	17.2
Technical writers	17.53	23.6	40.0	17.53	23.6	40.0	-	-	-

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Professional specialty—Continued									
Writers, authors, entertainers, athletes, and professionals, n.e.c.—Continued									
Designers	\$15.33	14.5	34.9	\$16.98	10.6	39.8	—	—	—
Painters, sculptors, craft artists, and artist printmakers	19.81	11.7	35.9	18.23	12.6	39.9	—	—	—
Artists, performers, and related workers, n.e.c.	12.59	15.5	28.4	—	—	—	—	—	—
Editors and reporters	15.26	16.7	39.7	15.30	16.8	40.3	—	—	—
Public relations specialists	26.20	18.7	40.0	26.20	18.7	40.0	—	—	—
Athletes	17.49	30.0	18.4	—	—	—	\$9.09	16.7	9.1
Professional, n.e.c.	21.22	17.6	40.6	21.22	17.6	40.6	—	—	—
Technical	19.73	6.0	35.2	20.36	6.1	39.4	15.57	4.9	20.6
Clinical laboratory technologists and technicians	16.13	12.5	37.1	16.31	15.3	39.9	14.07	36.6	20.4
Radiological technicians	20.06	7.5	33.9	20.53	6.9	38.8	—	—	—
Licensed practical nurses	14.64	1.9	33.8	14.43	2.8	39.1	15.31	4.3	23.8
Health technologists and technicians, n.e.c.	14.10	2.9	35.0	14.39	3.0	40.0	12.70	8.5	21.8
Electrical and electronic technicians	20.47	9.2	40.0	20.47	9.2	40.0	—	—	—
Engineering technicians, n.e.c.	18.81	3.5	40.0	18.81	3.5	40.0	—	—	—
Drafters	18.60	4.7	39.1	18.26	5.0	40.0	—	—	—
Chemical technicians	18.30	8.1	40.0	18.30	8.1	40.0	—	—	—
Computer programmers	25.48	5.4	39.9	25.48	5.4	39.9	—	—	—
Legal assistants	20.05	8.8	34.3	20.96	7.7	40.1	16.54	7.0	22.0
Technical and related, n.e.c.	12.89	21.0	35.0	12.99	19.1	40.0	12.43	31.5	23.0
Executive, administrative, and managerial									
Executives, administrators, and managers	35.38	21.2	41.0	35.68	21.3	41.6	13.53	10.7	21.3
Legislators	39.40	22.8	41.2	39.81	22.9	41.9	11.29	11.4	19.8
Administrators and officials, public administration	12.65	30.4	21.5	—	—	—	—	—	—
Personnel and labor relations managers	28.67	5.3	40.8	28.62	5.4	41.1	—	—	—
Purchasing managers	31.42	14.7	39.7	31.42	14.7	39.7	—	—	—
Managers, marketing, advertising, and public relations	26.26	16.3	40.4	26.26	16.3	40.4	—	—	—
Administrators, education and related fields	35.69	11.0	40.8	35.69	11.0	40.8	—	—	—
Managers, medicine and health	32.63	19.4	40.1	33.00	19.8	40.4	—	—	—
Managers, food servicing and lodging establishments	32.91	4.9	40.7	32.91	4.9	40.8	—	—	—
Managers, properties and real estate	16.19	10.8	38.2	17.35	6.2	44.9	—	—	—
Managers, service organizations, n.e.c.	17.48	14.3	34.8	18.95	12.5	39.8	—	—	—
Managers and administrators, n.e.c.	18.82	14.2	41.9	18.93	14.7	42.5	—	—	—
Management related	29.95	6.7	42.7	29.95	6.7	42.7	—	—	—
Accountants and auditors	27.46	16.6	40.7	27.55	16.8	40.9	19.28	8.8	26.2
Underwriters	24.12	5.2	40.3	24.10	5.5	40.6	—	—	—
Other financial officers	18.11	8.7	38.9	18.11	8.7	38.9	—	—	—
Management analysts	55.05	40.6	43.2	55.05	40.6	43.2	—	—	—
Personnel, training, and labor relations specialists	28.75	3.8	40.4	28.75	3.8	40.4	—	—	—
Purchasing agents and buyers, n.e.c.	19.95	5.1	39.7	19.95	5.1	39.7	—	—	—
Business and promotional agents	22.10	10.2	40.8	22.10	10.2	40.8	—	—	—
Construction inspectors	22.40	7.8	42.4	22.40	7.8	42.4	—	—	—
Inspectors and compliance officers, except construction	20.74	7.0	39.8	20.74	7.0	39.8	—	—	—
Management related, n.e.c.	22.92	8.1	40.3	22.92	8.1	40.3	—	—	—
	19.16	4.6	40.0	19.22	5.2	40.8	—	—	—
Sales									
Supervisors, sales	13.69	9.4	30.5	16.71	10.3	40.5	7.55	1.5	20.3
Insurance sales	17.26	5.6	42.3	17.27	5.7	42.5	—	—	—
Securities and financial services sales	33.04	27.1	39.9	33.36	27.8	40.5	—	—	—
Advertising and related sales	45.89	8.8	41.7	45.89	8.8	41.7	—	—	—
Sales, other business services	18.44	14.9	39.9	18.44	14.9	39.9	—	—	—
	14.43	29.7	30.1	17.20	28.3	40.2	—	—	—

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales —Continued									
Sales engineers	\$24.43	11.0	40.0	\$24.43	11.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	19.34	17.1	40.3	19.49	17.5	40.8	—	—	—
Sales workers, motor vehicles and boats	21.66	16.0	35.0	24.88	12.1	42.8	—	—	—
Sales workers, apparel	7.25	6.5	20.9	8.57	4.2	38.1	\$6.73	5.4	17.7
Sales workers, furniture and home furnishings ..	10.97	9.6	24.6	—	—	—	8.77	8.4	19.4
Sales workers, hardware and building supplies ..	11.12	4.5	32.7	11.76	6.2	40.0	10.38	8.1	26.9
Sales workers, parts	12.11	9.8	38.5	12.39	8.1	40.8	—	—	—
Sales workers, other commodities	12.48	14.4	26.6	14.85	17.1	38.6	7.88	2.4	16.5
Sales counter clerks	9.18	7.2	27.4	10.87	5.5	40.4	8.19	6.5	23.0
Cashiers	7.72	4.2	26.7	8.32	6.2	39.5	7.28	1.9	21.7
Demonstrators, promoters, and models, sales ..	9.01	5.0	27.7	—	—	—	—	—	—
Sales support, n.e.c.	15.11	12.9	37.5	15.74	15.9	39.8	—	—	—
Administrative support, including clerical									
Supervisors, general office	17.91	2.5	40.4	17.91	2.5	40.4	—	—	—
Supervisors, financial records processing	18.53	7.7	41.3	18.53	7.7	41.3	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	14.79	12.6	40.0	14.79	12.6	40.0	—	—	—
Computer operators	14.32	3.8	38.9	14.37	3.9	40.0	—	—	—
Secretaries	14.42	7.0	38.2	14.52	6.7	38.8	10.78	8.4	24.3
Stenographers	13.77	4.7	33.8	13.58	5.3	39.5	—	—	—
Typists	12.45	7.4	38.0	12.62	7.1	39.8	—	—	—
Interviewers	11.50	7.1	34.5	11.85	3.3	39.8	—	—	—
Hotel clerks	7.97	1.8	30.4	8.15	1.5	39.7	—	—	—
Transportation ticket and reservation agents	10.92	24.4	36.9	—	—	—	—	—	—
Receptionists	11.20	4.5	31.4	11.64	5.1	39.8	8.84	6.5	14.8
Information clerks, n.e.c.	12.62	5.3	35.8	13.39	4.4	39.8	9.40	40.6	25.3
Order clerks	13.36	8.7	39.1	13.73	7.7	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	14.28	7.0	39.7	14.28	7.0	39.7	—	—	—
Library clerks	10.49	7.2	25.7	11.87	4.6	38.7	9.48	10.9	20.7
File clerks	10.22	6.0	35.3	10.40	6.3	36.9	—	—	—
Records clerks, n.e.c.	11.23	5.2	38.0	11.34	4.9	39.4	10.41	22.7	29.8
Bookkeepers, accounting and auditing clerks ...	12.33	4.8	37.0	12.37	4.9	38.8	10.99	7.2	14.8
Payroll and timekeeping clerks	13.52	9.8	39.9	13.52	9.8	39.9	—	—	—
Billing clerks	12.12	6.5	39.1	12.12	6.6	39.9	—	—	—
Billing, posting, and calculating machine operators	10.19	1.7	39.7	10.19	1.7	39.7	—	—	—
Telephone operators	11.26	15.2	32.0	13.77	18.0	38.7	—	—	—
Mail clerks, except postal service	9.82	3.4	31.8	9.76	3.9	40.0	—	—	—
Messengers	10.62	10.8	22.6	—	—	—	9.96	14.6	17.6
Dispatchers	13.64	6.1	37.9	13.96	4.9	41.5	—	—	—
Production coordinators	17.12	9.0	39.9	17.16	9.1	40.0	—	—	—
Traffic, shipping and receiving clerks	12.29	5.4	39.7	12.32	5.4	40.0	—	—	—
Stock and inventory clerks	11.40	3.2	35.8	11.81	4.5	39.9	8.47	11.7	20.7
Weighers, measurers, checkers, and samplers ..	14.78	4.6	26.1	—	—	—	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.96	18.2	39.6	12.04	18.4	40.0	—	—	—
Insurance adjusters, examiners, and investigators	17.93	10.1	37.1	18.00	10.5	38.4	—	—	—
Investigators and adjusters, except insurance ...	13.89	2.3	38.4	14.11	2.1	39.7	—	—	—
Eligibility clerks, social welfare	14.92	5.0	39.9	14.92	5.0	39.9	—	—	—
Bill and account collectors	15.23	10.2	38.7	15.32	10.5	40.0	—	—	—
General office clerks	12.17	6.6	36.7	12.39	6.5	39.8	9.85	2.4	20.1
Bank tellers	9.41	2.5	33.2	9.82	2.7	39.4	8.06	3.9	22.0
Data entry keyers	10.31	1.8	32.4	10.59	2.3	39.9	9.62	1.9	21.9
Teachers' aides	10.88	5.2	30.1	11.22	5.7	35.5	10.07	4.1	22.1
Administrative support, n.e.c.	13.33	6.7	36.5	13.98	6.8	39.8	9.68	5.9	25.0
Blue collar	15.14	2.3	38.0	15.55	2.4	40.3	9.61	6.3	21.5

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003–Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar –Continued									
Precision production, craft, and repair	\$18.62	4.4	39.7	\$18.72	4.3	40.2	\$11.83	8.2	22.2
Supervisors, mechanics and repairers	24.45	4.9	40.8	24.02	4.6	41.9	–	–	–
Automobile mechanics	18.76	7.1	40.0	18.76	7.1	40.0	–	–	–
Bus, truck, and stationary engine mechanics	14.89	3.8	40.5	14.89	3.8	40.5	–	–	–
Automobile body and related repairers	17.11	17.3	40.0	17.11	17.3	40.0	–	–	–
Aircraft mechanics, except engine	24.02	16.5	40.0	24.02	16.5	40.0	–	–	–
Heavy equipment mechanics	18.25	6.9	40.1	18.25	6.9	40.1	–	–	–
Farm equipment mechanics	14.15	2.9	42.5	14.24	2.8	42.6	–	–	–
Industrial machinery repairers	18.90	5.8	39.5	18.90	5.8	39.5	–	–	–
Machinery maintenance	16.08	13.0	39.8	16.08	13.0	39.8	–	–	–
Electronic repairers, communications and industrial equipment	21.50	5.8	39.9	21.56	5.7	40.0	–	–	–
Telephone line installers and repairers	21.20	17.1	40.0	21.20	17.1	40.0	–	–	–
Telephone installers and repairers	21.49	8.7	40.0	21.49	8.7	40.0	–	–	–
Heating, air conditioning, and refrigeration mechanics	18.06	12.8	40.0	18.06	12.8	40.0	–	–	–
Millwrights	18.54	9.5	40.0	18.54	9.5	40.0	–	–	–
Mechanics and repairers, n.e.c.	16.62	8.2	39.4	16.83	8.6	40.0	–	–	–
Supervisors, carpenters and related workers	22.85	12.7	40.0	22.85	12.7	40.0	–	–	–
Supervisors, construction trades, n.e.c.	23.73	10.8	41.2	23.73	10.8	41.2	–	–	–
Carpenters	19.35	6.5	38.3	19.81	6.1	40.0	–	–	–
Electricians	23.16	8.8	40.0	23.16	8.8	40.0	–	–	–
Electrical power installers and repairers	19.39	9.4	40.0	19.39	9.4	40.0	–	–	–
Plumbers, pipefitters and steamfitters	24.84	3.6	40.0	24.84	3.6	40.0	–	–	–
Roofers	17.04	16.5	39.9	17.04	16.5	39.9	–	–	–
Construction trades, n.e.c.	14.92	13.9	38.2	15.01	13.4	40.0	–	–	–
Supervisors, production	20.95	9.2	40.1	20.95	9.2	40.1	–	–	–
Tool and die makers	22.42	7.8	40.0	22.42	7.8	40.0	–	–	–
Machinists	18.04	7.9	40.0	18.04	7.9	40.0	–	–	–
Sheet metal workers	20.40	18.2	39.9	20.40	18.2	39.9	–	–	–
Bookbinders	14.58	5.3	40.0	14.58	5.3	40.0	–	–	–
Electrical and electronic equipment assemblers	14.50	22.3	40.0	14.50	22.3	40.0	–	–	–
Miscellaneous precision workers, n.e.c.	14.79	16.3	40.0	14.79	16.3	40.0	–	–	–
Butchers and meat cutters	11.64	6.3	37.3	11.91	8.2	39.6	–	–	–
Bakers	13.40	8.6	41.4	13.45	8.5	41.9	–	–	–
Inspectors, testers, and graders	17.93	12.4	40.0	17.93	12.4	40.0	–	–	–
Water and sewer treatment plant operators	18.99	6.3	40.0	18.99	6.3	40.0	–	–	–
Stationary engineers	19.11	2.8	40.0	19.11	2.8	40.0	–	–	–
Miscellaneous plant and system operators, n.e.c.	21.43	18.4	40.0	21.43	18.4	40.0	–	–	–
Machine operators, assemblers, and inspectors	13.37	3.3	38.8	13.59	2.9	39.8	8.47	5.3	24.5
Punching and stamping press operators	13.20	5.2	39.8	13.20	5.2	39.8	–	–	–
Grinding, abrading, buffing, and polishing machine operators	14.82	4.5	40.0	14.82	4.5	40.0	–	–	–
Numerical control machine operators	13.88	13.3	39.8	13.88	13.3	39.8	–	–	–
Fabricating machine operators, n.e.c.	14.46	14.9	40.0	14.46	14.9	40.0	–	–	–
Molding and casting machine operators	11.88	5.8	40.0	11.88	5.8	40.0	–	–	–
Printing press operators	16.06	6.0	39.2	16.06	6.0	39.2	–	–	–
Photoengravers and lithographers	17.18	7.5	38.8	17.18	7.5	38.8	–	–	–
Textile sewing machine operators	8.86	13.0	40.0	8.86	13.0	40.0	–	–	–
Laundering and dry cleaning machine operators	8.50	13.4	31.7	9.13	10.0	37.4	–	–	–
Cementing and gluing machine operators	14.54	7.9	40.0	14.54	7.9	40.0	–	–	–
Packaging and filling machine operators	12.81	10.3	39.3	13.05	10.9	40.0	–	–	–
Extruding and forming machine operators	11.48	11.3	39.7	11.48	11.3	39.7	–	–	–
Mixing and blending machine operators	13.77	6.9	40.0	13.77	6.9	40.0	–	–	–
Painting and paint spraying machine operators	16.10	9.4	40.0	16.10	9.4	40.0	–	–	–
Slicing and cutting machine operators	13.99	11.1	39.8	13.99	11.1	39.8	–	–	–
Miscellaneous machine operators, n.e.c.	13.88	7.1	38.5	14.07	6.9	39.7	10.12	4.8	24.3
Welders and cutters	14.77	6.2	40.0	14.77	6.2	40.0	–	–	–
Assemblers	14.21	8.2	37.4	15.00	6.1	40.0	–	–	–
Miscellaneous hand working, n.e.c.	10.28	9.1	39.2	10.31	9.7	39.4	–	–	–

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Machine operators, assemblers, and inspectors—Continued									
Production inspectors, checkers and examiners	\$14.99	5.9	40.0	\$14.99	5.9	40.0	—	—	—
Transportation and material moving									
Supervisors, motor vehicle operators	14.68	3.5	38.4	15.07	3.6	41.8	\$10.16	5.3	19.7
Truckdrivers	19.13	4.1	42.7	19.13	4.1	42.7	—	—	—
Driver-sales workers	13.76	3.2	40.8	13.93	3.3	42.9	8.52	5.3	16.5
Busdrivers	9.17	14.1	25.1	11.07	25.3	40.0	7.86	12.2	20.0
Taxicab drivers and chauffeurs	14.05	5.7	26.1	16.11	4.2	36.0	12.79	9.2	22.3
Motor transportation, n.e.c.	10.72	3.4	29.5	—	—	—	—	—	—
Railroad conductors and yardmasters	10.44	15.9	29.6	11.16	15.5	39.2	—	—	—
Locomotive operating	20.23	19.7	40.0	20.23	19.7	40.0	—	—	—
Supervisors, material moving equipment	25.05	20.0	40.0	25.05	20.0	40.0	—	—	—
Operating engineers	19.94	8.7	40.4	19.94	8.7	40.4	—	—	—
Crane and tower operators	20.02	11.2	40.0	20.02	11.2	40.0	—	—	—
Excavating and loading machine operators	22.35	19.5	40.0	22.35	19.5	40.0	—	—	—
Grader, dozer, and scraper operators	20.14	9.2	40.0	20.15	9.2	40.0	—	—	—
Industrial truck and tractor equipment operators	14.06	6.2	40.0	14.05	6.3	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.03	4.5	39.1	14.19	5.0	39.9	—	—	—
operators, n.e.c.	16.63	7.1	39.9	17.01	7.0	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
Supervisors, agriculture-related workers	11.75	3.3	34.5	12.26	3.9	39.6	9.41	11.4	21.6
Groundskeepers and gardeners, except farm	20.09	7.6	40.0	20.09	7.6	40.0	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	12.22	17.0	37.6	13.11	17.5	40.6	8.64	24.5	29.0
Helpers, construction trades	18.79	4.6	39.9	18.99	4.7	40.6	—	—	—
Construction laborers	11.37	5.7	38.2	11.48	5.6	40.0	—	—	—
Production helpers	14.90	7.1	39.0	14.88	7.1	39.9	—	—	—
Stock handlers and baggers	12.38	3.7	39.5	12.43	3.7	39.7	—	—	—
Machine feeders and offbearers	9.57	6.8	26.4	12.42	6.6	39.6	7.28	4.8	20.9
Freight, stock, and material handlers, n.e.c.	10.21	11.3	37.9	10.36	12.1	38.5	—	—	—
Garage and service station related	12.31	4.3	34.6	12.75	4.9	39.5	9.66	8.0	19.9
Vehicle washers and equipment cleaners	8.60	14.3	33.9	—	—	—	—	—	—
Hand packers and packagers	14.16	4.8	36.6	14.71	7.1	40.0	—	—	—
Laborers, except construction, n.e.c.	9.93	10.7	38.4	10.01	11.2	39.9	8.94	1.9	26.1
	11.58	7.8	36.0	12.08	7.6	39.1	8.54	5.5	24.3
Service									
Protective service	9.93	5.2	28.8	11.32	5.6	39.0	7.41	2.4	19.6
Supervisors, firefighters and fire prevention	16.86	5.7	37.2	17.43	5.1	41.4	9.01	14.2	15.4
Supervisors, police and detectives	20.97	12.3	51.6	20.97	12.3	51.6	—	—	—
Supervisors, guards	27.42	5.2	40.1	27.42	5.2	40.1	—	—	—
Firefighting	18.19	14.3	39.7	18.50	14.5	40.4	—	—	—
Police and detectives, public service	15.94	1.9	46.9	15.98	1.9	49.7	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	20.41	4.1	36.1	20.36	4.4	40.0	—	—	—
Correctional institution officers	18.43	4.9	38.2	18.63	4.5	40.2	—	—	—
Guards and police, except public service	15.42	10.6	39.2	15.47	10.5	39.9	—	—	—
Protective service, n.e.c.	11.55	7.7	35.5	12.08	7.1	40.0	8.19	7.4	20.7
Food service	7.06	13.8	16.4	—	—	—	6.28	8.1	14.6
Waiters, waitresses, and bartenders	7.65	3.5	24.9	8.90	4.1	37.7	6.62	2.8	19.5
Bartenders	5.68	7.3	21.0	5.97	13.5	35.9	5.56	8.2	18.0
Waiters/waitresses' assistants	8.47	6.9	23.4	8.92	4.7	38.4	8.18	11.4	18.6
Other food service	4.41	7.2	20.9	3.95	12.1	34.2	4.56	7.1	18.5
Supervisors, food preparation and service	6.37	5.2	18.2	6.65	17.1	37.2	6.26	3.3	15.3
Cooks	8.55	3.6	27.3	9.63	3.6	38.2	7.35	2.5	20.7
Kitchen workers, food preparation	11.87	4.8	36.5	12.07	6.3	40.6	—	—	—
Food preparation, n.e.c.	9.61	4.9	29.9	10.80	2.1	38.5	7.47	1.9	21.3
	7.70	6.9	25.8	8.37	5.3	39.0	7.30	10.5	21.5
	7.64	4.7	24.6	7.97	9.1	36.3	7.37	1.9	19.3

See footnotes at end of table.

TABLE 3. Selected occupations, West North Central: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Health service	\$10.39	5.5	31.6	\$10.76	7.3	39.1	\$9.45	3.1	21.1
Dental assistants	16.27	6.3	36.2	16.43	7.0	38.1	—	—	—
Health aides, except nursing	9.70	8.7	33.2	9.74	9.7	39.6	9.56	6.6	20.2
Nursing aides, orderlies, and attendants	9.61	3.0	30.7	9.71	3.3	39.3	9.40	3.8	21.4
Cleaning and building service	10.46	13.6	31.9	11.12	15.5	39.3	8.20	3.5	19.4
Supervisors, cleaning and building service workers	17.42	17.4	38.3	17.45	17.4	38.4	—	—	—
Maids and housemen	7.86	4.3	27.8	7.96	4.0	37.8	7.65	6.1	18.0
Janitors and cleaners	10.48	3.5	33.0	11.03	4.8	39.9	8.48	3.2	20.3
Personal service	9.70	6.1	29.8	10.19	7.4	38.2	8.51	5.1	19.5
Hairdressers and cosmetologists	9.88	7.0	35.8	10.05	9.7	40.0	—	—	—
Attendants, amusement and recreation facilities	6.99	7.7	34.2	6.63	6.6	39.7	7.93	3.8	25.1
Welfare service aides	10.26	13.4	30.2	9.97	16.8	39.6	10.87	4.1	20.2
Early childhood teachers' assistants	8.89	6.2	26.3	9.16	8.9	37.5	8.70	7.7	21.8
Childcare workers, n.e.c.	11.68	17.6	26.1	12.71	17.0	39.0	7.40	6.4	11.0
Service, n.e.c.	9.74	6.6	31.3	—	—	—	8.24	15.1	16.4

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

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

³ In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

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

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

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ July 2003

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$16.30	4.8	34.7	\$17.65	5.3	40.0	\$8.88	1.5	20.1
All, excluding sales	16.59	5.3	35.3	17.73	5.7	40.0	9.25	2.1	20.1
White collar	19.89	8.6	35.4	21.42	9.4	40.1	10.33	3.5	20.3
White collar, excluding sales	21.64	9.9	37.0	22.39	10.5	40.0	13.43	7.1	20.3
Professional specialty and technical	24.10	3.9	35.7	24.79	3.9	39.7	18.32	5.0	19.3
Professional specialty	25.75	4.5	36.2	26.28	4.7	39.9	20.55	7.7	18.8
Engineers, architects, and surveyors	29.52	8.6	40.3	29.52	8.6	40.3	-	-	-
Civil engineers	34.49	17.3	40.0	34.49	17.3	40.0	-	-	-
Electrical and electronic engineers	32.05	4.6	40.8	32.05	4.6	40.8	-	-	-
Industrial engineers	27.72	3.2	40.5	27.72	3.2	40.5	-	-	-
Mechanical engineers	30.88	1.3	40.9	30.88	1.3	40.9	-	-	-
Engineers, n.e.c.	27.67	16.6	40.2	27.67	16.6	40.2	-	-	-
Mathematical and computer scientists	31.51	5.0	40.3	31.51	5.0	40.3	-	-	-
Computer systems analysts and scientists	31.52	5.7	40.4	31.52	5.7	40.4	-	-	-
Operations and systems researchers and analysts	30.30	13.5	39.7	30.30	13.5	39.7	-	-	-
Natural scientists	26.07	16.3	38.4	25.99	17.3	39.7	-	-	-
Chemists, except biochemists	20.99	28.0	40.0	20.99	28.0	40.0	-	-	-
Biological and life scientists	31.58	11.1	33.4	-	-	-	-	-	-
Health related	25.14	5.6	33.6	25.42	6.7	39.3	24.03	3.1	21.3
Physicians	68.02	19.9	43.9	66.74	23.0	44.3	-	-	-
Registered nurses	22.45	2.4	32.3	21.94	2.9	38.9	24.02	1.8	21.2
Pharmacists	37.22	1.9	38.8	37.57	1.7	40.0	-	-	-
Dietitians	16.81	10.2	36.4	-	-	-	-	-	-
Respiratory therapists	17.85	6.5	27.9	19.33	3.3	35.4	-	-	-
Occupational therapists	22.86	4.2	34.1	23.05	5.0	39.4	-	-	-
Physical therapists	23.64	4.6	38.6	23.68	4.6	39.8	-	-	-
Therapists, n.e.c.	12.98	4.9	40.0	12.98	4.9	40.0	-	-	-
Physicians' assistants	31.66	5.9	39.9	31.64	5.9	40.0	-	-	-
Teachers, college and university	32.70	12.4	29.6	33.39	13.0	39.4	24.47	11.1	7.4
Health specialties teachers	24.81	1.6	34.3	-	-	-	-	-	-
Business, commerce, and marketing teachers ..	51.73	6.7	26.5	-	-	-	-	-	-
Other post-secondary teachers	30.18	12.2	17.2	-	-	-	25.93	10.9	5.8
Teachers, except college and university	15.01	10.0	33.5	15.16	10.7	39.5	13.63	13.0	13.6
Prekindergarten and kindergarten	10.76	9.8	32.3	10.82	11.1	39.2	-	-	-
Elementary school teachers	18.90	12.4	39.9	18.90	12.4	39.9	-	-	-
Secondary school teachers	25.75	7.3	37.7	24.94	6.3	38.7	-	-	-
Teachers, n.e.c.	17.03	9.4	22.8	18.16	12.0	39.2	13.08	5.5	9.2
Librarians, archivists, and curators	24.11	3.3	38.5	24.20	3.7	39.1	-	-	-
Librarians	24.20	2.9	38.5	24.30	3.3	39.1	-	-	-
Social scientists and urban planners	23.97	2.1	40.0	23.97	2.1	40.0	-	-	-
Economists	24.79	4.1	40.0	24.79	4.1	40.0	-	-	-
Social, recreation, and religious workers	15.78	5.7	38.8	15.79	5.9	39.6	-	-	-
Social workers	15.76	5.7	39.3	15.84	5.8	39.7	-	-	-
Lawyers and judges	47.88	23.3	38.1	-	-	-	-	-	-
Lawyers	47.88	23.3	38.1	-	-	-	-	-	-
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.07	11.4	33.8	17.14	9.5	40.1	9.19	21.1	16.9
Technical writers	17.53	23.6	40.0	17.53	23.6	40.0	-	-	-
Designers	15.30	14.7	34.9	16.96	10.9	39.8	-	-	-
Painters, sculptors, craft artists, and artist printmakers	19.81	11.7	35.9	18.23	12.6	39.9	-	-	-
Editors and reporters	15.26	16.7	39.7	15.30	16.8	40.3	-	-	-
Public relations specialists	29.89	17.7	40.0	29.89	17.7	40.0	-	-	-
Athletes	11.14	22.9	10.8	-	-	-	9.09	16.7	9.1
Professional, n.e.c.	21.11	18.5	40.6	21.11	18.5	40.6	-	-	-
Technical	20.53	6.5	34.7	21.40	6.5	39.3	15.16	5.7	20.1
Clinical laboratory technologists and technicians	17.76	7.8	35.2	18.35	9.4	39.8	14.07	36.6	20.4
Radiological technicians	19.89	8.0	33.8	20.34	7.4	38.8	-	-	-
Licensed practical nurses	15.03	1.7	32.7	15.11	2.3	38.8	14.85	3.1	23.6
Health technologists and technicians, n.e.c.	13.84	3.5	35.2	14.16	2.9	40.0	12.21	10.0	21.9
Electrical and electronic technicians	20.46	9.5	40.0	20.46	9.5	40.0	-	-	-

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical—Continued									
Engineering technicians, n.e.c.	\$19.24	7.5	40.0	\$19.24	7.5	40.0	—	—	—
Drafters	18.24	6.1	40.0	18.24	6.1	40.0	—	—	—
Computer programmers	26.10	4.5	39.9	26.10	4.5	39.9	—	—	—
Legal assistants	20.13	9.1	34.3	21.06	7.8	40.1	—	—	—
Technical and related, n.e.c.	12.60	23.1	35.4	12.70	20.8	40.0	—	—	—
Executive, administrative, and managerial									
Executives, administrators, and managers	36.34	25.3	41.3	36.70	25.4	41.8	\$13.35	10.6	23.1
Personnel and labor relations managers	40.58	28.1	41.6	41.10	28.2	42.2	—	—	—
Purchasing managers	30.12	12.4	39.6	30.12	12.4	39.6	—	—	—
Managers, marketing, advertising, and public relations	26.31	17.1	40.4	26.31	17.1	40.4	—	—	—
Administrators, education and related fields	35.69	11.0	40.8	35.69	11.0	40.8	—	—	—
Managers, medicine and health	29.62	14.3	39.1	31.31	14.1	40.8	—	—	—
Managers, food servicing and lodging establishments	33.19	5.2	40.7	33.19	5.2	40.8	—	—	—
Managers, properties and real estate	16.19	10.8	38.2	17.35	6.2	44.9	—	—	—
Managers, service organizations, n.e.c.	15.20	21.0	34.1	—	—	—	—	—	—
Managers and administrators, n.e.c.	18.28	16.1	42.3	18.40	16.8	42.9	—	—	—
Management related	30.12	7.6	42.7	30.12	7.6	42.7	—	—	—
Accountants and auditors	28.48	18.2	40.8	28.60	18.5	41.1	19.29	8.9	26.2
Underwriters	24.30	5.2	40.4	24.27	5.6	40.6	—	—	—
Other financial officers	18.11	8.7	38.9	18.11	8.7	38.9	—	—	—
Management analysts	56.72	41.2	43.4	56.72	41.2	43.4	—	—	—
Personnel, training, and labor relations specialists	29.35	3.9	40.4	29.35	3.9	40.4	—	—	—
Purchasing agents and buyers, n.e.c.	19.62	5.1	39.7	19.62	5.1	39.7	—	—	—
Business and promotional agents	22.08	11.0	40.9	22.08	11.0	40.9	—	—	—
Management related, n.e.c.	22.40	7.8	42.4	22.40	7.8	42.4	—	—	—
Management related, n.e.c.	19.68	4.2	40.0	19.78	4.7	41.0	—	—	—
Sales									
Supervisors, sales	13.70	9.5	30.6	16.72	10.4	40.5	7.54	1.5	20.4
Insurance sales	17.29	5.7	42.3	17.31	5.8	42.5	—	—	—
Securities and financial services sales	33.04	27.1	39.9	33.36	27.8	40.5	—	—	—
Advertising and related sales	45.89	8.8	41.7	45.89	8.8	41.7	—	—	—
Sales, other business services	18.44	14.9	39.9	18.44	14.9	39.9	—	—	—
Sales engineers	14.43	29.7	30.1	17.20	28.3	40.2	—	—	—
Sales representatives, mining, manufacturing, and wholesale	24.43	11.0	40.0	24.43	11.0	40.0	—	—	—
Sales workers, motor vehicles and boats	19.34	17.1	40.3	19.49	17.5	40.8	—	—	—
Sales workers, apparel	21.66	16.0	35.0	24.88	12.1	42.8	—	—	—
Sales workers, furniture and home furnishings ..	7.25	6.5	20.9	8.57	4.2	38.1	6.73	5.4	17.7
Sales workers, hardware and building supplies ..	10.97	9.6	24.6	—	—	—	8.77	8.4	19.4
Sales workers, parts	11.12	4.5	32.7	11.76	6.2	40.0	10.38	8.1	26.9
Sales workers, other commodities	12.11	9.8	38.5	12.39	8.1	40.8	—	—	—
Sales counter clerks	12.49	14.4	26.6	14.85	17.1	38.6	7.88	2.4	16.6
Cashiers	9.18	7.2	27.4	10.87	5.5	40.4	8.19	6.5	23.0
Demonstrators, promoters, and models, sales ..	7.71	4.3	26.8	8.31	6.2	39.5	7.27	1.9	21.7
Sales support, n.e.c.	9.01	5.0	27.7	—	—	—	—	—	—
Sales support, n.e.c.	15.11	12.9	37.5	15.74	15.9	39.8	—	—	—
Administrative support, including clerical									
Supervisors, general office	12.42	1.9	36.3	12.78	2.0	39.4	9.13	4.8	21.0
Supervisors, financial records processing	17.95	2.7	40.5	17.95	2.7	40.5	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.45	8.4	41.4	18.45	8.4	41.4	—	—	—
Computer operators	15.97	18.1	40.1	15.97	18.1	40.1	—	—	—
Secretaries	14.44	4.5	38.9	14.49	4.6	40.0	—	—	—
Stenographers	13.65	6.2	37.5	13.75	6.6	38.2	10.62	12.1	24.0
Typists	13.77	4.7	33.8	13.58	5.3	39.5	—	—	—
Interviewers	11.68	8.9	35.4	12.06	10.1	39.8	—	—	—
Interviewers	11.54	7.2	34.5	11.91	2.8	39.9	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical									
—Continued									
Hotel clerks	\$7.97	1.8	30.4	\$8.15	1.5	39.7	—	—	—
Transportation ticket and reservation agents	10.92	24.4	36.9	—	—	—	—	—	—
Receptionists	11.14	4.5	31.3	11.59	5.3	39.8	\$8.82	6.7	14.9
Information clerks, n.e.c.	12.43	4.0	36.4	13.40	4.8	39.8	8.05	13.9	26.3
Order clerks	13.36	8.7	39.1	13.73	7.7	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	14.28	7.0	39.7	14.28	7.0	39.7	—	—	—
File clerks	10.22	6.1	35.2	10.41	6.4	36.8	—	—	—
Records clerks, n.e.c.	11.16	5.8	38.0	11.26	5.4	39.4	10.42	23.3	30.0
Bookkeepers, accounting and auditing clerks ...	12.06	4.7	36.7	12.11	4.8	38.7	10.59	6.8	13.9
Payroll and timekeeping clerks	12.56	5.9	39.9	12.56	5.9	39.9	—	—	—
Billing clerks	11.84	5.0	39.0	11.83	5.1	39.9	—	—	—
Billing, posting, and calculating machine operators	10.19	1.7	39.7	10.19	1.7	39.7	—	—	—
Telephone operators	11.27	15.3	32.0	13.77	18.0	38.7	—	—	—
Mail clerks, except postal service	9.69	3.5	31.1	9.60	4.1	40.0	—	—	—
Messengers	10.66	11.3	22.1	—	—	—	9.96	14.6	17.6
Dispatchers	13.56	8.4	37.6	13.99	6.9	42.0	—	—	—
Production coordinators	17.12	9.0	39.9	17.16	9.1	40.0	—	—	—
Traffic, shipping and receiving clerks	12.29	5.5	39.7	12.31	5.5	40.0	—	—	—
Stock and inventory clerks	11.21	3.5	35.8	11.61	4.7	40.0	8.40	11.9	20.7
Material recording, scheduling, and distribution clerks, n.e.c.	11.96	18.3	39.6	12.04	18.4	40.0	—	—	—
Insurance adjusters, examiners, and investigators	17.93	10.1	37.1	18.00	10.5	38.4	—	—	—
Investigators and adjusters, except insurance ...	13.87	2.3	38.4	14.09	2.1	39.7	—	—	—
Bill and account collectors	14.68	11.3	38.5	14.75	11.7	40.0	—	—	—
General office clerks	11.44	4.6	36.1	11.62	4.9	39.8	9.67	2.4	18.5
Bank tellers	9.41	2.5	33.2	9.82	2.7	39.4	8.06	3.9	22.0
Data entry keyers	10.38	1.4	31.2	10.77	2.1	39.9	9.62	1.9	21.9
Administrative support, n.e.c.	13.31	6.7	36.4	14.01	6.8	39.8	9.51	5.7	24.9
Blue collar	15.07	2.3	38.1	15.47	2.3	40.3	9.44	6.3	21.6
Precision production, craft, and repair	18.60	4.8	39.7	18.70	4.8	40.2	11.81	8.2	22.2
Supervisors, mechanics and repairers	24.44	5.4	40.9	23.94	5.1	42.2	—	—	—
Automobile mechanics	18.79	7.0	40.0	18.79	7.0	40.0	—	—	—
Bus, truck, and stationary engine mechanics	14.68	4.1	40.6	14.68	4.1	40.6	—	—	—
Automobile body and related repairers	17.11	17.3	40.0	17.11	17.3	40.0	—	—	—
Aircraft mechanics, except engine	24.02	16.5	40.0	24.02	16.5	40.0	—	—	—
Heavy equipment mechanics	17.90	7.5	40.1	17.90	7.5	40.1	—	—	—
Farm equipment mechanics	14.15	2.9	42.5	14.24	2.8	42.6	—	—	—
Industrial machinery repairers	18.87	5.9	39.5	18.87	5.9	39.5	—	—	—
Machinery maintenance	16.08	13.0	39.8	16.08	13.0	39.8	—	—	—
Electronic repairers, communications and industrial equipment	21.56	5.7	40.0	21.56	5.7	40.0	—	—	—
Telephone line installers and repairers	21.20	17.1	40.0	21.20	17.1	40.0	—	—	—
Telephone installers and repairers	21.49	8.7	40.0	21.49	8.7	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.10	13.0	40.0	18.10	13.0	40.0	—	—	—
Millwrights	18.54	9.5	40.0	18.54	9.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.61	9.3	39.3	16.83	9.7	40.0	—	—	—
Supervisors, carpenters and related workers	22.85	12.7	40.0	22.85	12.7	40.0	—	—	—
Supervisors, construction trades, n.e.c.	27.67	12.8	42.3	27.67	12.8	42.3	—	—	—
Carpenters	19.24	6.5	38.2	19.72	6.1	40.0	—	—	—
Electricians	24.28	13.0	40.0	24.28	13.0	40.0	—	—	—
Electrical power installers and repairers	19.39	9.4	40.0	19.39	9.4	40.0	—	—	—
Plumbers, pipefitters and steamfitters	24.93	3.4	40.0	24.93	3.4	40.0	—	—	—
Roofers	17.04	16.5	39.9	17.04	16.5	39.9	—	—	—
Construction trades, n.e.c.	14.59	16.1	37.8	14.69	15.5	39.9	—	—	—

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Supervisors, production	\$21.35	8.5	40.2	\$21.35	8.5	40.2	—	—	—
Tool and die makers	22.42	7.8	40.0	22.42	7.8	40.0	—	—	—
Machinists	17.97	7.9	40.0	17.97	7.9	40.0	—	—	—
Sheet metal workers	20.40	18.2	39.9	20.40	18.2	39.9	—	—	—
Bookbinders	14.58	5.3	40.0	14.58	5.3	40.0	—	—	—
Electrical and electronic equipment assemblers	14.50	22.3	40.0	14.50	22.3	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.79	16.3	40.0	14.79	16.3	40.0	—	—	—
Butchers and meat cutters	11.64	6.3	37.3	11.91	8.2	39.6	—	—	—
Bakers	13.40	8.6	41.4	13.45	8.5	41.9	—	—	—
Inspectors, testers, and graders	17.93	12.4	40.0	17.93	12.4	40.0	—	—	—
Miscellaneous plant and system operators, n.e.c.	21.43	18.4	40.0	21.43	18.4	40.0	—	—	—
Machine operators, assemblers, and inspectors	13.37	3.3	38.8	13.59	2.9	39.8	\$8.46	5.2	24.5
Punching and stamping press operators	13.20	5.2	39.8	13.20	5.2	39.8	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.82	4.5	40.0	14.82	4.5	40.0	—	—	—
Numerical control machine operators	13.88	13.3	39.8	13.88	13.3	39.8	—	—	—
Fabricating machine operators, n.e.c.	14.46	14.9	40.0	14.46	14.9	40.0	—	—	—
Molding and casting machine operators	11.88	5.8	40.0	11.88	5.8	40.0	—	—	—
Printing press operators	16.06	6.0	39.2	16.06	6.0	39.2	—	—	—
Photoengravers and lithographers	17.18	7.5	38.8	17.18	7.5	38.8	—	—	—
Textile sewing machine operators	8.86	13.0	40.0	8.86	13.0	40.0	—	—	—
Laundrying and dry cleaning machine operators	8.50	13.4	31.7	9.13	10.0	37.4	—	—	—
Cementing and gluing machine operators	14.54	7.9	40.0	14.54	7.9	40.0	—	—	—
Packaging and filling machine operators	12.81	10.3	39.3	13.05	10.9	40.0	—	—	—
Extruding and forming machine operators	11.48	11.3	39.7	11.48	11.3	39.7	—	—	—
Mixing and blending machine operators	13.77	6.9	40.0	13.77	6.9	40.0	—	—	—
Painting and paint spraying machine operators	16.10	9.4	40.0	16.10	9.4	40.0	—	—	—
Slicing and cutting machine operators	13.99	11.1	39.8	13.99	11.1	39.8	—	—	—
Miscellaneous machine operators, n.e.c.	13.88	7.1	38.5	14.07	6.9	39.7	10.08	4.7	24.3
Welders and cutters	14.77	6.2	40.0	14.77	6.2	40.0	—	—	—
Assemblers	14.21	8.2	37.4	15.00	6.1	40.0	—	—	—
Miscellaneous hand working, n.e.c.	10.28	9.1	39.2	10.31	9.7	39.4	—	—	—
Production inspectors, checkers and examiners	14.99	5.9	40.0	14.99	5.9	40.0	—	—	—
Transportation and material moving	14.65	4.1	38.9	15.05	4.2	42.0	9.37	4.7	19.7
Supervisors, motor vehicle operators	19.11	4.6	43.0	19.11	4.6	43.0	—	—	—
Truckdrivers	13.76	3.3	40.8	13.93	3.3	42.9	8.52	5.3	16.5
Driver-sales workers	9.17	14.1	25.1	11.07	25.3	40.0	7.86	12.2	20.0
Busdrivers	11.85	11.1	25.8	—	—	—	11.78	12.3	24.9
Taxicab drivers and chauffeurs	10.94	2.5	29.4	—	—	—	—	—	—
Motor transportation, n.e.c.	10.44	15.9	29.6	11.16	15.5	39.2	—	—	—
Railroad conductors and yardmasters	20.23	19.7	40.0	20.23	19.7	40.0	—	—	—
Locomotive operating	25.05	20.0	40.0	25.05	20.0	40.0	—	—	—
Supervisors, material moving equipment	19.94	8.7	40.4	19.94	8.7	40.4	—	—	—
Crane and tower operators	22.35	19.5	40.0	22.35	19.5	40.0	—	—	—
Excavating and loading machine operators	19.54	9.3	40.0	19.55	9.3	40.0	—	—	—
Industrial truck and tractor equipment operators	14.03	4.5	39.1	14.19	5.0	39.9	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.96	12.9	39.8	17.43	12.0	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	11.63	3.2	34.4	12.12	3.8	39.6	9.43	11.3	21.6
Groundskeepers and gardeners, except farm ...	11.51	22.3	37.1	12.74	22.7	40.8	7.47	12.8	28.6
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	17.80	5.6	39.9	17.99	5.9	40.8	—	—	—
Helpers, construction trades	11.37	5.7	38.2	11.48	5.6	40.0	—	—	—
Construction laborers	15.01	7.4	38.9	14.99	7.4	39.9	—	—	—
Production helpers	12.38	3.7	39.5	12.43	3.7	39.7	—	—	—
Stock handlers and baggers	9.57	6.8	26.5	12.43	6.5	39.6	7.28	4.8	20.9

See footnotes at end of table.

TABLE 4. Selected occupations, West North Central, private industry: Mean hourly earnings¹ for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Machine feeders and offbearers	\$10.21	11.3	37.9	\$10.36	12.1	38.5	—	—	—
Freight, stock, and material handlers, n.e.c.	12.31	4.3	34.6	12.75	4.9	39.5	\$9.66	8.0	19.9
Garage and service station related	8.60	14.3	33.9	—	—	—	—	—	—
Vehicle washers and equipment cleaners	14.16	4.8	36.6	14.71	7.1	40.0	—	—	—
Hand packers and packagers	9.93	10.7	38.4	10.01	11.2	39.9	8.94	1.9	26.1
Laborers, except construction, n.e.c.	11.50	7.7	36.2	11.95	7.6	39.1	8.72	4.5	24.8
Service	8.72	2.5	27.3	9.77	2.8	38.4	7.22	2.5	19.4
Protective service	11.82	7.9	30.2	12.77	6.7	40.1	8.15	13.1	15.4
Supervisors, guards	16.13	9.4	39.5	16.52	8.7	40.7	—	—	—
Guards and police, except public service	11.44	8.0	35.3	11.99	7.4	40.0	8.19	7.4	20.7
Protective service, n.e.c.	6.29	8.7	14.2	—	—	—	6.29	8.7	14.2
Food service	7.56	3.6	24.9	8.88	4.3	37.8	6.49	2.8	19.5
Waiters, waitresses, and bartenders	5.68	7.3	21.0	5.97	13.5	35.9	5.56	8.2	18.0
Bartenders	8.47	6.9	23.4	8.92	4.7	38.4	8.18	11.4	18.6
Waiters and waitresses	4.41	7.2	20.9	3.95	12.1	34.2	4.56	7.1	18.5
Waiters/Waitresses' assistants	6.37	5.2	18.2	6.65	17.1	37.2	6.27	3.3	15.3
Other food service	8.48	3.6	27.3	9.66	3.7	38.3	7.18	2.3	20.7
Supervisors, food preparation and service	11.72	5.4	37.1	12.03	6.4	40.8	—	—	—
Cooks	9.62	5.1	29.8	10.87	2.2	38.5	7.44	1.8	21.4
Kitchen workers, food preparation	7.54	3.0	25.8	8.32	5.4	39.1	7.08	5.4	21.6
Food preparation, n.e.c.	7.53	5.0	24.5	7.91	9.6	36.4	7.22	2.4	19.2
Health service	10.30	6.3	31.0	10.71	8.5	39.1	9.32	3.1	20.9
Dental assistants	16.35	6.3	36.2	16.51	7.0	38.1	—	—	—
Health aides, except nursing	9.60	8.9	33.0	9.63	10.0	39.6	9.50	6.5	20.1
Nursing aides, orderlies, and attendants	9.34	2.7	29.9	9.40	3.0	39.2	9.24	3.5	21.1
Cleaning and building service	9.20	3.6	29.7	9.65	5.8	38.9	8.20	3.5	19.4
Supervisors, cleaning and building service workers	13.11	15.0	36.8	13.09	15.2	37.0	—	—	—
Maids and housemen	7.85	4.3	27.7	7.95	4.0	37.8	7.65	6.1	18.0
Janitors and cleaners	9.56	3.0	30.4	10.08	3.0	39.9	8.49	3.5	20.4
Personal service	9.43	5.8	29.6	9.84	7.3	38.1	8.17	6.6	17.6
Hairdressers and cosmetologists	9.88	7.0	35.8	10.05	9.7	40.0	—	—	—
Attendants, amusement and recreation facilities	6.99	7.7	34.2	6.63	6.6	39.7	7.93	3.8	25.1
Welfare service aides	9.75	13.9	31.7	—	—	—	—	—	—
Early childhood teachers' assistants	7.67	5.7	22.1	7.96	7.1	38.2	7.19	6.9	13.1
Childcare workers, n.e.c.	8.64	4.1	20.6	—	—	—	6.97	5.3	10.4
Service, n.e.c.	9.75	6.6	31.2	—	—	—	8.26	15.4	16.3

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

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

³ In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

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

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

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$21.09	4.4	37.4	\$21.61	3.9	39.5	\$13.80	8.3	21.2
All, excluding sales	21.11	4.4	37.4	21.61	3.8	39.5	13.83	8.4	21.3
White collar	23.61	4.3	37.6	23.91	3.9	39.1	17.26	10.9	20.5
White collar, excluding sales	23.63	4.3	37.6	23.92	3.9	39.1	17.39	11.0	20.6
Professional specialty and technical	26.66	2.5	37.2	26.85	2.4	38.7	22.47	6.0	19.6
Professional specialty	28.04	3.4	37.1	28.20	3.4	38.6	23.64	6.0	18.4
Engineers, architects, and surveyors	28.59	1.8	40.0	28.59	1.8	40.0	—	—	—
Mathematical and computer scientists	27.38	8.6	40.0	27.38	8.6	40.0	—	—	—
Computer systems analysts and scientists	27.38	8.6	40.0	27.38	8.6	40.0	—	—	—
Natural scientists	19.69	.6	40.0	19.69	.6	40.0	—	—	—
Physical scientists, n.e.c.	28.23	12.7	39.3	28.23	12.7	39.3	—	—	—
Health related	26.23	5.6	36.7	26.25	6.1	39.5	26.07	4.5	24.2
Physicians	50.22	15.0	38.2	—	—	—	—	—	—
Registered nurses	23.76	2.7	36.7	23.58	3.6	39.7	24.89	3.3	24.9
Teachers, college and university	39.10	15.7	38.7	39.24	15.5	39.9	25.14	11.1	9.6
Health specialties teachers	26.07	4.3	40.5	26.07	4.3	40.5	—	—	—
English teachers	29.25	10.9	37.7	—	—	—	—	—	—
Trade and industrial teachers	33.33	4.6	33.1	33.49	4.4	37.4	—	—	—
Other post-secondary teachers	28.35	10.8	36.1	28.49	11.0	39.1	—	—	—
Teachers, except college and university	28.18	3.3	35.4	28.35	3.4	37.2	23.11	7.5	14.4
Prekindergarten and kindergarten	27.75	7.1	34.5	28.27	7.5	36.6	—	—	—
Elementary school teachers	29.72	3.0	36.6	29.75	3.0	36.8	—	—	—
Secondary school teachers	28.67	3.8	36.4	28.32	4.0	37.4	—	—	—
Teachers, special education	27.10	4.0	37.8	27.10	4.0	37.8	—	—	—
Teachers, n.e.c.	24.56	7.8	33.3	25.04	7.6	37.6	17.53	25.4	12.5
Substitute teachers	12.17	15.6	10.7	—	—	—	12.17	15.6	10.7
Vocational and educational counselors	24.35	11.6	39.5	24.35	11.6	39.5	—	—	—
Librarians, archivists, and curators	28.19	8.0	37.5	28.32	8.0	38.1	—	—	—
Librarians	28.19	8.0	37.5	28.32	8.0	38.1	—	—	—
Social scientists and urban planners	26.00	7.9	39.7	26.00	7.9	39.7	—	—	—
Psychologists	27.21	8.1	39.7	27.21	8.1	39.7	—	—	—
Social, recreation, and religious workers	17.74	7.9	38.9	17.80	8.0	39.9	—	—	—
Social workers	17.66	8.1	39.0	17.75	8.0	39.9	—	—	—
Lawyers and judges	32.27	9.6	37.6	32.43	9.6	39.9	—	—	—
Lawyers	30.19	4.3	37.4	30.27	3.3	39.9	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	19.79	10.9	38.8	19.88	12.0	40.0	—	—	—
Technical	15.76	5.6	37.9	15.46	5.3	40.0	18.74	2.6	25.0
Clinical laboratory technologists and technicians	13.97	8.3	40.0	13.97	8.3	40.0	—	—	—
Radiological technicians	22.24	6.9	35.7	—	—	—	—	—	—
Licensed practical nurses	13.46	8.5	37.8	12.83	10.9	39.9	19.38	8.4	25.2
Health technologists and technicians, n.e.c.	16.93	9.8	33.3	17.16	11.9	40.8	—	—	—
Engineering technicians, n.e.c.	18.23	5.1	40.0	18.23	5.1	40.0	—	—	—
Technical and related, n.e.c.	16.16	4.4	31.2	16.81	3.8	40.0	—	—	—
Executive, administrative, and managerial	30.83	12.5	39.8	30.86	12.5	40.4	20.03	33.7	5.5
Executives, administrators, and managers	34.40	9.9	39.8	34.44	9.9	40.5	—	—	—
Legislators	12.65	30.4	21.5	—	—	—	—	—	—
Administrators and officials, public administration	28.58	5.5	40.8	28.53	5.6	41.1	—	—	—
Administrators, education and related fields	33.36	21.8	40.3	33.36	21.8	40.3	—	—	—
Managers, service organizations, n.e.c.	22.23	14.0	40.0	22.23	14.0	40.0	—	—	—
Managers and administrators, n.e.c.	26.85	17.6	41.6	26.85	17.6	41.6	—	—	—
Management related	21.12	5.0	39.9	21.12	5.0	39.9	—	—	—
Accountants and auditors	22.09	5.5	39.7	22.09	5.5	39.7	—	—	—
Management analysts	23.27	16.8	40.0	23.27	16.8	40.0	—	—	—
Personnel, training, and labor relations specialists	23.77	5.3	39.7	23.81	5.1	39.8	—	—	—
Construction inspectors	20.85	8.7	39.7	20.85	8.7	39.7	—	—	—
Inspectors and compliance officers, except construction	23.14	8.7	39.9	23.14	8.7	39.9	—	—	—
Management related, n.e.c.	16.68	10.2	39.9	16.68	10.2	39.9	—	—	—

See footnotes at end of table.

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Sales	\$10.45	7.1	22.7	—	—	—	—	—	—
Administrative support, including clerical	14.21	10.7	37.6	\$14.45	10.2	39.4	\$10.79	8.4	23.1
Supervisors, general office	17.81	4.4	40.0	17.81	4.4	40.0	—	—	—
Secretaries	15.45	12.3	39.2	15.53	12.1	39.6	—	—	—
Typists	12.94	10.3	39.8	12.94	10.3	39.8	—	—	—
Receptionists	12.32	8.1	35.1	12.42	8.5	40.0	—	—	—
Library clerks	10.38	7.5	25.5	11.72	5.2	38.7	9.46	11.0	20.6
Records clerks, n.e.c.	12.19	7.0	38.4	12.31	6.7	39.6	—	—	—
Bookkeepers, accounting and auditing clerks ...	14.69	4.7	39.4	14.71	4.9	39.8	—	—	—
Dispatchers	13.88	4.3	38.7	13.85	4.7	40.0	—	—	—
Stock and inventory clerks	16.24	12.8	36.6	—	—	—	—	—	—
Eligibility clerks, social welfare	15.00	5.1	40.0	15.00	5.1	40.0	—	—	—
General office clerks	13.88	7.4	38.4	14.18	6.5	39.9	10.35	3.5	26.1
Teachers' aides	10.93	5.5	31.2	11.24	5.9	35.4	10.15	4.6	24.0
Administrative support, n.e.c.	13.65	8.4	38.6	13.64	9.1	39.6	—	—	—
Blue collar	16.78	3.7	36.7	17.18	3.4	39.8	12.57	8.2	20.0
Precision production, craft, and repair	18.98	3.1	40.0	18.99	3.2	40.0	—	—	—
Bus, truck, and stationary engine mechanics	16.77	6.2	40.0	16.77	6.2	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.82	6.9	40.0	16.82	6.9	40.0	—	—	—
Supervisors, construction trades, n.e.c.	19.27	4.7	40.0	19.27	4.7	40.0	—	—	—
Electricians	18.77	6.0	40.0	18.77	6.0	40.0	—	—	—
Construction trades, n.e.c.	16.22	7.8	40.0	16.22	7.8	40.0	—	—	—
Water and sewer treatment plant operators	20.57	2.7	40.0	20.57	2.7	40.0	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—	—	—	—
Transportation and material moving	15.13	6.1	32.9	15.41	6.6	39.2	13.97	8.0	19.7
Truckdrivers	14.11	10.9	40.0	14.11	10.9	40.0	—	—	—
Busdrivers	15.77	3.3	26.2	17.07	1.8	37.2	14.24	6.9	19.4
Operating engineers	16.40	5.5	40.0	16.40	5.5	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	14.70	9.7	40.0	14.70	9.7	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	14.37	9.9	36.3	15.07	10.4	40.0	8.60	20.0	20.7
Supervisors, agriculture-related workers	21.12	6.7	40.0	21.12	6.7	40.0	—	—	—
Groundskeepers and gardeners, except farm ...	14.08	9.9	39.0	13.94	11.1	40.0	—	—	—
Construction laborers	13.64	16.1	40.0	13.64	16.1	40.0	—	—	—
Laborers, except construction, n.e.c.	13.04	11.8	32.6	14.88	5.6	40.0	—	—	—
Service	14.89	3.7	37.0	15.57	3.0	40.5	10.00	5.5	22.7
Protective service	18.75	4.4	40.7	18.85	4.3	41.9	13.14	11.8	15.2
Supervisors, firefighters and fire prevention	20.97	12.3	51.6	20.97	12.3	51.6	—	—	—
Supervisors, police and detectives	27.57	5.2	40.1	27.57	5.2	40.1	—	—	—
Firefighting	15.94	1.9	46.9	15.98	1.9	49.7	—	—	—
Police and detectives, public service	20.36	4.4	39.7	20.36	4.4	40.0	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	18.43	4.9	38.2	18.63	4.5	40.2	—	—	—
Correctional institution officers	15.42	10.6	39.2	15.47	10.5	39.9	—	—	—
Guards and police, except public service	13.74	3.9	40.0	13.74	3.9	40.0	—	—	—
Food service	9.62	4.7	27.1	9.18	5.7	36.9	10.11	4.3	21.0
Other food service	9.65	4.8	27.2	9.18	5.7	36.9	10.18	4.4	21.1
Cooks	9.40	4.6	31.5	9.46	3.6	37.6	9.11	13.1	18.5
Kitchen workers, food preparation	10.18	11.6	25.6	—	—	—	—	—	—
Food preparation, n.e.c.	8.78	6.4	26.2	8.60	8.3	35.7	8.96	7.3	20.9
Health service	11.07	4.1	35.9	11.07	5.3	39.6	11.08	1.6	25.0
Nursing aides, orderlies, and attendants	11.05	4.4	35.7	11.05	5.6	39.5	11.04	1.5	25.1

See footnotes at end of table.

TABLE 5. Selected occupations, West North Central, State and local government: Mean hourly earnings¹ and weekly hours for full-time and part-time workers,² National Compensation Survey,³ July 2003—Continued

Occupation ⁴	Total			Full time			Part time		
	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours	Hourly earnings		Mean weekly hours
	Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Cleaning and building service	\$13.58	9.6	38.9	\$13.71	8.9	40.0	\$8.38	9.0	18.3
Supervisors, cleaning and building service workers	22.01	4.2	40.0	22.01	4.2	40.0	—	—	—
Janitors and cleaners	12.07	4.1	38.7	12.18	3.5	40.0	8.38	9.0	18.3
Personal service	11.11	10.9	31.1	13.02	10.9	38.7	9.36	9.9	26.3
Early childhood teachers' assistants	9.63	7.7	29.8	10.74	11.9	36.7	9.19	10.7	27.8
Childcare workers, n.e.c.	14.91	6.7	36.5	—	—	—	—	—	—

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

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

³ In this census division, data were collected between December 2002 and January

2004. The average reference period was July 2003.

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

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

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

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
All	\$17.03	4.4	35.1	\$16.30	4.8	34.7	\$21.09	4.4	37.4
All, excluding sales	17.34	4.9	35.6	16.59	5.3	35.3	21.11	4.4	37.4
White collar	20.67	6.4	35.8	19.89	8.6	35.4	23.61	4.3	37.6
1	7.76	4.2	23.6	7.69	4.3	23.5	9.46	6.3	25.2
2	8.83	3.5	29.6	8.55	3.3	29.2	11.52	7.9	33.7
3	9.80	1.7	31.7	9.64	1.7	31.6	12.29	4.1	33.6
4	12.24	1.1	36.8	12.19	1.3	36.7	12.50	7.5	37.6
5	15.02	3.8	37.8	14.78	2.9	37.7	15.77	4.3	38.4
6	16.78	2.7	37.9	16.96	2.9	38.1	16.08	5.0	37.2
7	20.56	2.2	38.5	19.65	3.1	39.3	22.67	3.7	36.9
8	24.08	2.7	38.0	22.95	5.7	38.4	25.78	1.4	37.5
9	27.21	2.3	37.8	27.10	2.9	37.4	27.42	2.0	38.4
10	34.38	7.8	40.0	36.28	9.4	39.7	27.35	4.2	41.5
11	36.71	2.8	40.7	37.89	4.3	40.9	32.47	6.6	40.0
12	45.28	3.9	39.5	46.68	4.4	39.6	38.96	5.9	39.1
13	50.98	5.5	40.7	54.19	10.4	41.2	48.48	2.4	40.2
14	59.55	9.9	43.9	63.77	12.2	45.4	46.87	2.6	39.8
15	57.79	.2	39.7	-	-	-	-	-	-
Not able to be leveled	33.46	43.5	35.4	33.93	45.2	35.3	25.89	12.8	36.1
White collar, excluding sales	22.15	7.3	37.2	21.64	9.9	37.0	23.63	4.3	37.6
1	8.19	7.0	27.1	8.03	7.4	27.3	9.46	6.3	25.2
2	9.93	3.8	33.4	9.62	3.4	33.2	11.56	8.1	34.6
3	10.54	4.3	35.2	10.36	4.6	35.4	12.32	4.2	33.9
4	12.24	2.7	36.6	12.18	1.4	36.4	12.52	7.5	37.5
5	14.89	4.3	37.7	14.56	3.1	37.5	15.77	4.3	38.4
6	16.44	3.5	37.2	16.56	3.6	37.1	16.08	5.0	37.2
7	20.50	1.8	38.2	19.42	3.0	38.9	22.67	3.7	36.9
8	24.06	2.7	38.0	22.72	6.2	38.4	25.78	1.4	37.5
9	26.39	.7	37.6	25.84	1.2	37.2	27.42	2.0	38.4
10	33.79	8.7	39.7	35.87	10.8	39.2	27.35	4.2	41.5
11	36.23	1.6	40.4	37.38	3.0	40.5	32.47	6.6	40.0
12	45.28	3.9	39.5	46.68	4.4	39.6	38.96	5.9	39.1
13	50.98	5.5	40.7	54.19	10.4	41.2	48.48	2.4	40.2
14	59.55	9.9	43.9	63.77	12.2	45.4	46.87	2.6	39.8
15	57.79	.2	39.7	-	-	-	-	-	-
Not able to be leveled	39.22	44.1	36.8	40.28	45.8	36.9	25.89	12.8	36.1
Professional specialty and technical	25.02	3.3	36.2	24.10	3.9	35.7	26.66	2.5	37.2
Professional specialty	26.72	3.9	36.6	25.75	4.5	36.2	28.04	3.4	37.1
4	-	-	-	-	-	-	11.36	5.3	11.8
5	14.93	8.2	32.0	13.77	8.6	30.9	16.79	1.2	33.8
6	15.90	7.0	35.6	15.40	6.9	37.1	18.30	6.2	29.8
7	22.54	1.8	36.1	21.04	3.9	35.6	24.00	4.2	36.5
8	25.38	1.4	36.8	23.57	2.6	36.3	26.65	2.0	37.2
9	27.31	1.0	37.0	25.77	1.1	36.2	29.01	2.3	37.8
10	28.82	3.4	38.6	30.41	3.3	37.6	25.18	3.5	40.9
11	34.31	2.8	40.3	35.97	3.9	40.6	29.18	7.1	39.3
12	40.05	9.2	39.6	41.38	10.5	40.2	35.24	6.3	37.4
13	48.63	20.6	40.7	58.85	16.8	41.4	40.23	15.2	40.1
14	51.49	3.8	41.5	-	-	-	-	-	-
Not able to be leveled	24.40	12.6	34.6	24.13	13.6	34.2	26.37	14.5	37.7
Engineers, architects, and surveyors	29.45	8.1	40.3	29.52	8.6	40.3	28.59	1.8	40.0
7	25.06	2.9	40.3	25.19	3.2	40.4	-	-	-
8	26.21	4.3	40.1	25.81	4.5	40.2	-	-	-
9	27.56	2.0	40.4	27.96	2.4	40.5	25.92	4.0	40.0
10	29.92	2.7	40.7	29.92	2.7	40.7	-	-	-
11	33.33	4.0	40.5	33.40	4.2	40.5	-	-	-
12	37.75	.3	40.1	37.32	.7	40.2	-	-	-
13	48.41	2.1	40.0	48.41	2.1	40.0	-	-	-
Civil engineers	34.22	15.9	40.0	34.49	17.3	40.0	-	-	-
9	28.31	8.2	40.0	-	-	-	-	-	-
11	34.09	9.0	40.1	-	-	-	-	-	-
Electrical and electronic engineers	32.37	3.9	40.7	32.05	4.6	40.8	-	-	-

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Engineers, architects, and surveyors –Continued									
Electrical and electronic engineers –Continued									
11	\$31.45	5.9	41.1	\$31.08	7.0	41.2	–	–	–
12	38.88	1.2	40.0	–	–	–	–	–	–
Industrial engineers	27.70	3.1	40.5	27.72	3.2	40.5	–	–	–
9	26.16	5.2	41.5	25.87	6.6	41.8	–	–	–
Mechanical engineers	30.88	1.3	40.9	30.88	1.3	40.9	–	–	–
10	29.14	4.2	40.5	29.14	4.2	40.5	–	–	–
Engineers, n.e.c.	27.46	15.5	40.2	27.67	16.6	40.2	–	–	–
7	26.02	4.9	40.2	26.74	5.5	40.3	–	–	–
9	26.91	2.9	40.3	27.32	3.5	40.4	–	–	–
10	27.99	4.8	40.5	27.99	4.8	40.5	–	–	–
11	33.48	6.0	40.2	33.48	6.0	40.2	–	–	–
12	35.11	2.0	40.4	35.11	2.0	40.4	–	–	–
Mathematical and computer scientists	30.91	4.3	40.3	31.51	5.0	40.3	\$27.38	8.6	40.0
7	23.11	4.1	39.9	23.27	4.4	40.0	–	–	–
8	23.52	2.2	39.7	23.52	2.2	39.7	–	–	–
9	30.29	2.8	40.2	30.39	4.8	40.3	30.14	2.2	40.0
10	30.84	6.1	40.0	33.26	3.9	40.0	–	–	–
11	37.19	4.9	41.4	37.90	4.1	41.4	–	–	–
12	38.81	5.5	40.8	38.81	5.5	40.8	–	–	–
Not able to be leveled	32.74	6.1	39.9	32.74	6.1	39.9	–	–	–
Computer systems analysts and scientists	30.88	4.9	40.3	31.52	5.7	40.4	27.38	8.6	40.0
7	22.99	4.6	39.9	23.08	5.5	40.0	–	–	–
8	23.74	2.4	39.7	23.74	2.4	39.7	–	–	–
9	30.47	2.9	40.2	30.71	5.4	40.3	30.14	2.2	40.0
10	30.72	6.7	40.0	33.33	4.1	40.0	–	–	–
11	37.33	4.7	41.5	38.09	3.9	41.6	–	–	–
12	38.63	5.5	40.8	38.63	5.5	40.8	–	–	–
Not able to be leveled	32.23	6.4	40.0	32.23	6.4	40.0	–	–	–
Operations and systems researchers and analysts	30.30	13.5	39.7	30.30	13.5	39.7	–	–	–
Natural scientists	21.21	5.8	39.6	26.07	16.3	38.4	19.69	.6	40.0
8	19.83	1.4	39.1	–	–	–	–	–	–
9	25.50	4.1	39.6	–	–	–	–	–	–
Chemists, except biochemists	20.99	28.0	40.0	20.99	28.0	40.0	–	–	–
Physical scientists, n.e.c.	27.62	8.9	39.8	–	–	–	28.23	12.7	39.3
Biological and life scientists	19.26	5.5	39.4	31.58	11.1	33.4	–	–	–
Health related	25.38	4.8	34.2	25.14	5.6	33.6	26.23	5.6	36.7
5	13.55	11.9	30.9	13.55	11.9	30.9	–	–	–
6	16.76	8.1	34.0	16.76	8.1	34.0	–	–	–
7	22.56	2.5	32.9	22.55	3.0	32.0	22.59	2.7	34.9
8	24.30	4.9	34.8	24.56	5.4	33.2	23.69	3.9	39.0
9	24.93	3.5	33.5	24.48	2.8	32.9	27.01	5.7	36.5
10	30.80	6.5	38.5	33.19	2.3	37.0	–	–	–
11	39.45	.9	39.6	39.98	1.9	40.0	36.29	10.7	37.3
13	84.68	18.5	44.4	–	–	–	–	–	–
Not able to be leveled	21.63	8.3	34.4	21.65	8.3	34.6	–	–	–
Physicians	62.51	17.8	41.9	68.02	19.9	43.9	50.22	15.0	38.2
13	84.68	18.5	44.4	–	–	–	–	–	–
Registered nurses	22.75	2.0	33.2	22.45	2.4	32.3	23.76	2.7	36.7
6	17.73	14.7	28.5	17.75	14.8	28.4	–	–	–
7	22.31	2.5	32.2	22.13	2.4	31.2	22.66	2.4	34.7
8	22.67	2.0	34.8	22.73	3.6	32.8	22.55	1.8	39.6
9	24.53	3.0	32.4	24.28	3.2	31.8	25.75	7.7	36.1
10	30.56	7.3	39.7	–	–	–	–	–	–
11	40.48	13.8	37.7	–	–	–	–	–	–
Not able to be leveled	19.57	3.0	34.5	19.57	3.0	34.5	–	–	–
Pharmacists	36.98	2.2	38.9	37.22	1.9	38.8	–	–	–

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Health related –Continued									
Pharmacists –Continued									
11	\$39.30	1.6	40.0	\$39.23	1.5	40.0	–	–	–
Dietitians	16.72	9.4	34.9	16.81	10.2	36.4	–	–	–
Respiratory therapists	17.85	6.5	27.9	17.85	6.5	27.9	–	–	–
Occupational therapists	23.72	4.9	34.1	22.86	4.2	34.1	–	–	–
Physical therapists	23.69	4.6	38.5	23.64	4.6	38.6	–	–	–
9	24.09	.7	39.8	24.15	.8	39.8	–	–	–
Speech therapists	29.17	5.2	33.4	–	–	–	–	–	–
Therapists, n.e.c.	13.74	8.4	40.0	12.98	4.9	40.0	–	–	–
Physicians' assistants	31.94	4.1	39.9	31.66	5.9	39.9	–	–	–
Teachers, college and university	37.67	15.6	36.2	32.70	12.4	29.6	\$39.10	15.7	38.7
7	31.46	8.8	31.6	–	–	–	–	–	–
8	24.00	21.9	36.0	25.50	11.5	35.3	23.38	30.4	36.2
9	29.01	10.2	36.6	24.29	18.6	26.6	30.09	11.5	40.0
10	30.93	4.9	28.0	–	–	–	30.71	7.1	45.4
11	29.69	9.5	39.4	–	–	–	30.08	13.3	40.3
12	33.15	7.2	39.3	–	–	–	–	–	–
13	38.43	14.0	40.1	–	–	–	37.87	13.9	40.1
Social science teachers, n.e.c.	34.13	4.0	38.4	–	–	–	–	–	–
Mathematical science teachers	27.94	21.2	40.4	–	–	–	–	–	–
Medical science teachers	34.62	7.3	39.5	–	–	–	–	–	–
Health specialties teachers	25.72	2.9	38.6	24.81	1.6	34.3	26.07	4.3	40.5
Business, commerce, and marketing teachers ..	48.98	9.1	30.4	51.73	6.7	26.5	–	–	–
Art, drama, and music teachers	35.04	9.8	38.8	–	–	–	–	–	–
Education teachers	30.51	3.9	40.0	–	–	–	–	–	–
English teachers	29.25	10.9	37.7	–	–	–	29.25	10.9	37.7
Theology teachers	37.70	3.6	39.4	–	–	–	–	–	–
Trade and industrial teachers	31.98	7.8	33.6	–	–	–	33.33	4.6	33.1
Teachers, except college and university	26.40	2.9	35.1	15.01	10.0	33.5	28.18	3.3	35.4
4	11.45	5.1	11.2	–	–	–	11.36	5.3	11.8
5	13.55	10.1	24.9	13.53	12.1	27.9	13.66	13.7	17.9
6	16.98	23.5	30.6	11.77	6.7	30.4	23.98	1.6	30.8
7	22.64	6.5	36.4	14.36	14.9	39.4	24.78	5.2	35.7
8	29.26	4.8	36.3	22.79	5.2	37.1	29.47	5.0	36.2
9	30.84	2.7	36.8	23.52	20.7	39.0	30.99	2.8	36.8
Prekindergarten and kindergarten	17.07	13.3	33.1	10.76	9.8	32.3	27.75	7.1	34.5
5	10.28	11.4	33.6	10.28	11.4	33.6	–	–	–
7	14.11	12.9	35.2	–	–	–	–	–	–
8	27.40	5.4	33.7	–	–	–	27.40	5.4	33.7
Elementary school teachers	29.40	2.2	36.7	18.90	12.4	39.9	29.72	3.0	36.6
6	21.22	23.1	38.1	–	–	–	25.57	.0	37.1
7	25.87	7.0	36.5	–	–	–	26.26	7.2	36.3
8	30.06	4.9	36.7	–	–	–	30.18	5.3	36.6
9	32.40	4.1	36.9	–	–	–	32.41	4.1	36.9
Secondary school teachers	28.52	3.3	36.4	25.75	7.3	37.7	28.67	3.8	36.4
7	24.42	5.1	37.9	–	–	–	24.69	5.9	37.9
8	30.08	3.9	35.7	23.45	8.2	36.7	30.39	3.7	35.7
9	31.41	6.8	35.5	–	–	–	31.42	7.0	35.5
Teachers, special education	26.72	4.1	37.8	–	–	–	27.10	4.0	37.8
7	22.60	6.8	38.7	–	–	–	22.85	7.0	38.6
8	29.32	3.4	35.6	–	–	–	29.32	3.4	35.6
9	32.99	4.2	39.5	–	–	–	32.99	4.2	39.5
Teachers, n.e.c.	23.39	7.4	31.1	17.03	9.4	22.8	24.56	7.8	33.3
5	12.51	3.7	17.7	13.31	5.1	17.6	–	–	–
7	23.73	4.2	35.7	–	–	–	24.57	4.9	35.4
8	24.50	2.7	37.7	–	–	–	24.66	3.1	37.9
9	26.42	13.7	37.0	–	–	–	26.41	13.8	37.0
Substitute teachers	12.17	15.6	10.7	–	–	–	12.17	15.6	10.7

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Professional specialty –Continued									
Teachers, except college and university –Continued									
Substitute teachers –Continued									
5	\$10.70	7.9	13.3	–	–	–	\$10.70	7.9	13.3
Vocational and educational counselors	16.93	17.2	39.8	–	–	–	24.35	11.6	39.5
Librarians, archivists, and curators	26.88	5.4	37.8	\$24.11	3.3	38.5	28.19	8.0	37.5
7	26.23	11.9	37.9	–	–	–	27.92	15.7	37.2
8	27.82	9.0	36.9	–	–	–	–	–	–
Librarians	26.92	5.4	37.8	24.20	2.9	38.5	28.19	8.0	37.5
7	26.23	11.9	37.9	–	–	–	27.92	15.7	37.2
8	27.82	9.0	36.9	–	–	–	–	–	–
Social scientists and urban planners	25.01	4.1	39.9	23.97	2.1	40.0	26.00	7.9	39.7
9	25.54	8.6	39.7	–	–	–	–	–	–
Economists	24.79	4.1	40.0	24.79	4.1	40.0	–	–	–
Psychologists	26.13	5.0	39.7	–	–	–	27.21	8.1	39.7
Social, recreation, and religious workers	16.80	6.1	38.8	15.78	5.7	38.8	17.74	7.9	38.9
5	14.52	12.9	40.0	14.52	12.9	40.0	–	–	–
6	14.22	2.7	37.1	14.23	5.2	39.0	–	–	–
7	15.98	7.0	39.1	15.85	9.9	39.2	16.15	4.2	38.9
8	15.95	8.0	39.0	14.29	3.4	38.1	16.87	10.4	39.5
9	19.76	4.6	39.2	18.70	10.5	37.9	20.48	6.0	40.0
Social workers	16.79	6.3	39.2	15.76	5.7	39.3	17.66	8.1	39.0
5	14.52	12.9	40.0	14.52	12.9	40.0	–	–	–
6	14.26	2.9	37.0	14.31	5.8	38.9	–	–	–
7	15.61	6.6	39.5	15.69	10.1	39.3	15.51	4.6	39.7
8	15.91	8.1	39.3	14.05	4.9	38.8	16.87	10.4	39.5
9	20.42	4.1	39.9	–	–	–	20.48	6.0	40.0
Lawyers and judges	39.09	18.2	37.8	47.88	23.3	38.1	32.27	9.6	37.6
Lawyers	38.33	19.5	37.7	47.88	23.3	38.1	30.19	4.3	37.4
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.29	10.0	34.1	16.07	11.4	33.8	19.79	10.9	38.8
5	11.59	11.7	38.5	10.66	11.5	38.4	–	–	–
7	18.59	5.7	42.0	18.54	5.9	42.1	–	–	–
9	22.81	9.8	40.6	22.84	10.0	40.6	–	–	–
11	30.43	9.0	40.0	30.43	9.0	40.0	–	–	–
Not able to be leveled	16.90	7.9	26.5	16.27	11.6	24.9	–	–	–
Technical writers	17.53	23.6	40.0	17.53	23.6	40.0	–	–	–
Designers	15.33	14.5	34.9	15.30	14.7	34.9	–	–	–
7	20.10	3.9	43.5	20.13	4.0	43.8	–	–	–
Painters, sculptors, craft artists, and artist printmakers	19.81	11.7	35.9	19.81	11.7	35.9	–	–	–
Not able to be leveled	19.81	11.7	35.9	19.81	11.7	35.9	–	–	–
Artists, performers, and related workers, n.e.c.	12.59	15.5	28.4	–	–	–	–	–	–
Not able to be leveled	12.59	15.5	28.4	–	–	–	–	–	–
Editors and reporters	15.26	16.7	39.7	15.26	16.7	39.7	–	–	–
Public relations specialists	26.20	18.7	40.0	29.89	17.7	40.0	–	–	–
Athletes	17.49	30.0	18.4	11.14	22.9	10.8	–	–	–
Not able to be leveled	17.49	30.0	18.4	11.14	22.9	10.8	–	–	–
Professional, n.e.c.	21.22	17.6	40.6	21.11	18.5	40.6	–	–	–
Technical	19.73	6.0	35.2	20.53	6.5	34.7	15.76	5.6	37.9
4	12.58	1.2	34.3	13.80	2.9	30.7	11.33	8.6	38.9
5	15.02	2.4	36.0	14.62	2.6	35.7	17.21	3.6	37.8
6	17.25	4.5	33.8	17.39	5.4	33.3	16.60	5.3	36.2
7	20.33	2.5	37.4	20.73	3.1	38.0	18.78	3.9	34.9
8	21.87	2.4	38.5	22.66	2.8	38.2	18.22	5.9	40.0
9	26.66	8.1	29.4	–	–	–	22.19	5.0	40.0
Not able to be leveled	16.49	4.9	36.7	16.49	4.9	36.7	–	–	–
Clinical laboratory technologists and technicians	16.13	12.5	37.1	17.76	7.8	35.2	13.97	8.3	40.0

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Professional specialty and technical—Continued									
Technical—Continued									
Clinical laboratory technologists and technicians—Continued									
7	\$18.84	12.7	38.6	\$17.63	10.3	38.4	—	—	—
9	22.31	6.3	39.9	22.21	7.0	39.9	—	—	—
Radiological technicians	20.06	7.5	33.9	19.89	8.0	33.8	\$22.24	6.9	35.7
5	17.33	6.0	28.5	17.33	6.0	28.5	—	—	—
7	21.19	8.0	29.5	20.14	8.3	28.9	—	—	—
8	21.67	2.7	39.5	—	—	—	—	—	—
Licensed practical nurses	14.64	1.9	33.8	15.03	1.7	32.7	13.46	8.5	37.8
4	11.35	7.9	34.6	15.09	9.1	29.2	8.74	1.9	39.8
5	15.00	4.6	35.3	14.69	3.3	34.4	—	—	—
6	15.87	2.6	33.1	15.94	1.9	32.3	15.71	8.2	35.0
7	16.02	3.4	36.0	—	—	—	—	—	—
Not able to be leveled	14.31	5.1	31.0	14.31	5.1	31.0	—	—	—
Health technologists and technicians, n.e.c.	14.10	2.9	35.0	13.84	3.5	35.2	16.93	9.8	33.3
4	12.36	2.0	30.5	—	—	—	—	—	—
5	14.45	5.3	35.8	14.35	5.4	35.8	—	—	—
6	14.73	5.4	28.8	14.60	5.8	28.3	—	—	—
7	18.27	10.6	40.3	—	—	—	—	—	—
Electrical and electronic technicians	20.47	9.2	40.0	20.46	9.5	40.0	—	—	—
7	20.04	16.2	40.0	20.04	16.2	40.0	—	—	—
Engineering technicians, n.e.c.	18.81	3.5	40.0	19.24	7.5	40.0	18.23	5.1	40.0
8	19.83	8.3	40.0	—	—	—	—	—	—
Drafters	18.60	4.7	39.1	18.24	6.1	40.0	—	—	—
5	17.17	11.8	37.3	15.01	9.5	40.0	—	—	—
6	16.61	5.9	40.0	16.61	5.9	40.0	—	—	—
7	20.75	8.4	40.0	20.73	8.8	40.0	—	—	—
Chemical technicians	18.30	8.1	40.0	—	—	—	—	—	—
Computer programmers	25.48	5.4	39.9	26.10	4.5	39.9	—	—	—
8	23.34	3.5	40.3	23.15	3.8	40.3	—	—	—
Legal assistants	20.05	8.8	34.3	20.13	9.1	34.3	—	—	—
8	22.17	9.1	40.7	22.17	9.1	40.7	—	—	—
Technical and related, n.e.c.	12.89	21.0	35.0	12.60	23.1	35.4	16.16	4.4	31.2
5	14.17	14.0	40.0	—	—	—	—	—	—
7	18.81	22.1	31.5	—	—	—	—	—	—
Executive, administrative, and managerial	35.38	21.2	41.0	36.34	25.3	41.3	30.83	12.5	39.8
5	15.02	5.0	41.2	15.15	4.8	41.4	14.00	11.0	39.5
6	16.86	5.9	39.6	16.65	6.5	39.5	18.50	3.4	39.8
7	17.90	4.1	42.2	17.72	4.4	42.4	20.53	4.3	39.6
8	21.57	12.4	41.8	21.54	14.0	42.1	21.72	4.1	40.0
9	25.12	3.0	40.9	25.67	2.2	41.2	23.29	6.1	40.0
10	33.28	5.6	41.1	34.00	6.4	40.7	30.71	13.5	42.6
11	37.37	1.8	41.4	37.55	2.7	41.5	36.76	6.4	41.1
12	44.10	5.3	40.6	44.15	6.8	40.5	43.84	6.1	41.5
13	53.88	9.6	40.6	47.98	7.3	41.0	58.16	7.0	40.4
14	64.19	11.3	45.4	67.49	11.5	46.5	—	—	—
Not able to be leveled	—	—	—	—	—	—	26.10	14.9	34.3
Executives, administrators, and managers	39.40	22.8	41.2	40.58	28.1	41.6	34.40	9.9	39.8
5	15.52	3.8	43.4	15.53	3.8	43.4	—	—	—
6	15.94	15.6	43.1	—	—	—	—	—	—
7	17.37	5.8	42.5	17.19	6.0	42.6	22.46	6.5	40.0
8	19.10	8.1	42.3	18.87	8.3	42.7	20.80	6.2	39.9
9	25.21	4.4	41.3	26.01	2.6	41.8	22.87	8.1	40.0
10	34.28	7.5	41.4	34.82	8.4	40.9	32.58	14.6	42.9
11	38.17	2.2	41.4	38.40	2.5	41.4	37.49	5.5	41.2
12	44.48	5.8	40.9	44.50	7.1	40.8	44.39	6.3	41.7
13	53.88	9.6	40.6	47.98	7.3	41.0	58.16	7.0	40.4
14	64.19	11.3	45.4	67.49	11.5	46.5	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Executives, administrators, and managers—Continued									
Not able to be leveled	—	—	—	—	—	—	\$26.10	14.9	34.3
Legislators	\$12.65	30.4	21.5	—	—	—	12.65	30.4	21.5
Not able to be leveled	12.65	30.4	21.5	—	—	—	12.65	30.4	21.5
Administrators and officials, public administration	28.67	5.3	40.8	—	—	—	28.58	5.5	40.8
9	25.16	7.4	40.0	—	—	—	25.16	7.4	40.0
Financial managers									
7	20.92	14.3	39.7	—	—	—	—	—	—
9	25.22	4.3	39.8	\$25.22	4.3	39.8	—	—	—
11	36.11	4.1	40.5	36.08	4.2	40.5	—	—	—
12	44.76	11.1	40.8	44.76	11.1	40.8	—	—	—
Not able to be leveled	371.83	37.4	48.2	371.83	37.4	48.2	—	—	—
Personnel and labor relations managers	31.42	14.7	39.7	30.12	12.4	39.6	—	—	—
11	39.82	6.7	40.9	—	—	—	—	—	—
Purchasing managers	26.26	16.3	40.4	26.31	17.1	40.4	—	—	—
Managers, marketing, advertising, and public relations	35.69	11.0	40.8	35.69	11.0	40.8	—	—	—
9	24.16	4.8	39.6	24.16	4.8	39.6	—	—	—
11	41.09	12.0	40.0	41.09	12.0	40.0	—	—	—
Administrators, education and related fields	32.63	19.4	40.1	29.62	14.3	39.1	33.36	21.8	40.3
8	16.75	6.1	40.1	17.56	7.0	40.2	—	—	—
9	20.97	6.0	40.0	22.25	6.4	40.0	20.73	5.5	40.0
10	39.56	10.5	40.5	—	—	—	40.70	10.4	40.2
11	40.24	5.7	40.0	41.87	6.4	39.2	39.90	6.1	40.2
12	43.60	7.4	42.2	—	—	—	44.84	6.6	41.7
Managers, medicine and health	32.91	4.9	40.7	33.19	5.2	40.7	—	—	—
9	28.44	3.0	40.0	28.94	2.9	40.0	—	—	—
Managers, food servicing and lodging establishments	16.19	10.8	38.2	16.19	10.8	38.2	—	—	—
Managers, properties and real estate	17.48	14.3	34.8	15.20	21.0	34.1	—	—	—
Managers, service organizations, n.e.c.	18.82	14.2	41.9	18.28	16.1	42.3	22.23	14.0	40.0
Managers and administrators, n.e.c.	29.95	6.7	42.7	30.12	7.6	42.7	26.85	17.6	41.6
7	18.02	6.3	44.2	18.02	6.3	44.2	—	—	—
8	17.69	11.2	44.0	17.13	10.2	44.3	—	—	—
9	27.04	6.7	43.5	27.09	6.2	43.7	—	—	—
10	36.19	6.3	40.0	36.19	6.3	40.0	—	—	—
11	38.81	3.5	42.1	39.39	3.3	41.8	—	—	—
12	47.57	6.1	40.7	47.74	6.2	40.6	—	—	—
13	45.86	12.2	41.7	47.20	14.2	41.2	—	—	—
14	66.95	12.4	49.3	66.95	12.4	49.3	—	—	—
Not able to be leveled	30.26	21.2	41.3	31.52	21.5	41.4	—	—	—
Management related	27.46	16.6	40.7	28.48	18.2	40.8	21.12	5.0	39.9
5	14.69	6.3	39.8	14.85	5.8	39.8	13.96	11.5	39.6
6	17.18	3.7	38.5	17.07	4.2	38.4	18.17	4.7	39.7
7	18.83	5.3	41.7	18.74	6.1	42.1	19.55	4.3	39.4
8	25.25	9.8	40.9	26.06	12.7	41.2	22.45	6.0	40.0
9	24.99	2.2	40.3	25.18	2.5	40.3	24.19	4.4	40.1
10	28.99	8.0	40.0	30.92	2.7	40.0	—	—	—
11	33.55	3.3	41.4	34.20	4.8	41.6	—	—	—
12	42.04	14.8	39.1	42.50	15.4	39.2	—	—	—
Not able to be leveled	66.30	43.4	43.5	66.30	43.4	43.5	—	—	—
Accountants and auditors	24.12	5.2	40.3	24.30	5.2	40.4	22.09	5.5	39.7
7	20.86	6.4	41.3	20.51	7.5	41.5	—	—	—
8	22.60	8.3	39.9	—	—	—	—	—	—
9	23.23	6.8	39.4	23.43	6.5	39.4	—	—	—
Not able to be leveled	23.68	8.2	39.1	23.68	8.2	39.1	—	—	—
Underwriters	18.11	8.7	38.9	18.11	8.7	38.9	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Executive, administrative, and managerial—Continued									
Management related—Continued									
Other financial officers	\$55.05	40.6	43.2	\$56.72	41.2	43.4	—	—	—
8	37.56	27.4	40.8	37.56	27.4	40.8	—	—	—
9	29.56	4.7	42.0	29.85	7.1	42.8	—	—	—
11	43.19	4.0	39.2	43.19	4.0	39.2	—	—	—
Management analysts	28.75	3.8	40.4	29.35	3.9	40.4	\$23.27	16.8	40.0
9	26.51	6.8	41.1	—	—	—	—	—	—
Personnel, training, and labor relations specialists	19.95	5.1	39.7	19.62	5.1	39.7	23.77	5.3	39.7
7	18.83	5.6	40.0	18.90	6.0	40.0	—	—	—
8	20.78	5.0	40.0	—	—	—	—	—	—
9	24.55	1.9	39.9	24.30	1.9	39.8	—	—	—
Purchasing agents and buyers, n.e.c.	22.10	10.2	40.8	22.08	11.0	40.9	—	—	—
Business and promotional agents	22.40	7.8	42.4	22.40	7.8	42.4	—	—	—
Construction inspectors	20.74	7.0	39.8	—	—	—	20.85	8.7	39.7
6	17.78	5.7	40.0	—	—	—	17.78	5.7	40.0
Inspectors and compliance officers, except construction	22.92	8.1	40.3	—	—	—	23.14	8.7	39.9
Management related, n.e.c.	19.16	4.6	40.0	19.68	4.2	40.0	16.68	10.2	39.9
5	13.71	4.4	38.8	14.02	1.9	38.3	—	—	—
6	17.78	4.5	37.3	17.78	4.5	37.3	—	—	—
7	17.58	11.5	43.1	17.55	12.6	43.4	—	—	—
8	18.92	3.5	39.9	19.41	5.1	39.9	—	—	—
9	25.30	5.5	39.9	26.63	2.3	39.7	—	—	—
Sales	13.69	9.4	30.5	13.70	9.5	30.6	10.45	7.1	22.7
1	7.52	5.4	22.0	7.52	5.4	22.0	—	—	—
2	7.26	3.2	25.4	7.26	3.2	25.5	—	—	—
3	8.07	2.8	25.7	8.07	2.8	25.7	—	—	—
4	12.20	6.5	37.6	12.21	6.6	37.6	—	—	—
5	16.00	7.5	38.6	15.99	7.5	38.6	—	—	—
6	18.50	4.2	42.4	18.50	4.2	42.4	—	—	—
7	21.08	8.9	41.5	21.08	8.9	41.5	—	—	—
8	24.32	7.5	38.2	24.32	7.5	38.2	—	—	—
9	43.19	22.5	41.2	43.19	22.5	41.2	—	—	—
10	38.32	1.6	42.2	38.32	1.6	42.2	—	—	—
11	42.97	18.1	45.0	42.97	18.1	45.0	—	—	—
Not able to be leveled	11.63	24.9	30.7	11.63	24.9	30.7	—	—	—
Supervisors, sales	17.26	5.6	42.3	17.29	5.7	42.3	—	—	—
4	10.58	3.0	41.1	10.58	3.1	41.1	—	—	—
5	12.65	7.4	42.1	12.65	7.4	42.1	—	—	—
6	18.01	1.6	43.5	18.01	1.6	43.5	—	—	—
7	18.86	17.0	44.0	18.86	17.0	44.0	—	—	—
8	21.40	10.6	40.8	21.40	10.6	40.8	—	—	—
Insurance sales	33.04	27.1	39.9	33.04	27.1	39.9	—	—	—
Securities and financial services sales	45.89	8.8	41.7	45.89	8.8	41.7	—	—	—
Advertising and related sales	18.44	14.9	39.9	18.44	14.9	39.9	—	—	—
Sales, other business services	14.43	29.7	30.1	14.43	29.7	30.1	—	—	—
4	10.61	.0	32.2	10.61	.0	32.2	—	—	—
6	18.72	7.4	40.0	18.72	7.4	40.0	—	—	—
Sales engineers	24.43	11.0	40.0	24.43	11.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	19.34	17.1	40.3	19.34	17.1	40.3	—	—	—
6	17.82	6.1	44.2	17.82	6.1	44.2	—	—	—
7	25.52	14.0	39.0	25.52	14.0	39.0	—	—	—
8	23.71	12.5	40.9	23.71	12.5	40.9	—	—	—
Sales workers, motor vehicles and boats	21.66	16.0	35.0	21.66	16.0	35.0	—	—	—
Sales workers, apparel	7.25	6.5	20.9	7.25	6.5	20.9	—	—	—
3	7.98	4.1	23.3	7.98	4.1	23.3	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Sales—Continued									
Sales workers, furniture and home furnishings ..	\$10.97	9.6	24.6	\$10.97	9.6	24.6	—	—	—
Sales workers, hardware and building supplies	11.12	4.5	32.7	11.12	4.5	32.7	—	—	—
Sales workers, parts	12.11	9.8	38.5	12.11	9.8	38.5	—	—	—
4	12.81	6.2	40.0	12.81	6.2	40.0	—	—	—
Sales workers, other commodities	12.48	14.4	26.6	12.49	14.4	26.6	—	—	—
1	7.51	3.8	9.4	7.51	3.8	9.4	—	—	—
2	7.91	6.1	32.1	7.91	6.1	32.1	—	—	—
3	7.97	5.3	23.1	7.97	5.4	23.1	—	—	—
4	15.36	28.9	34.8	15.36	28.9	34.8	—	—	—
Sales counter clerks	9.18	7.2	27.4	9.18	7.2	27.4	—	—	—
2	8.19	9.5	22.7	8.19	9.5	22.7	—	—	—
3	9.13	7.2	27.5	9.13	7.2	27.5	—	—	—
Cashiers	7.72	4.2	26.7	7.71	4.3	26.8	—	—	—
1	7.66	4.8	27.0	7.66	4.8	27.0	—	—	—
2	7.20	3.1	25.4	7.19	3.0	25.5	—	—	—
3	7.69	4.7	26.1	7.67	4.7	26.1	—	—	—
4	11.44	2.2	40.0	11.44	2.2	40.0	—	—	—
Demonstrators, promoters, and models, sales ..	9.01	5.0	27.7	9.01	5.0	27.7	—	—	—
Sales support, n.e.c.	15.11	12.9	37.5	15.11	12.9	37.5	—	—	—
Administrative support, including clerical	12.75	4.5	36.5	12.42	1.9	36.3	\$14.21	10.7	37.6
1	8.19	7.0	27.1	8.03	7.4	27.3	9.46	6.3	25.2
2	9.92	3.8	33.4	9.61	3.4	33.2	11.56	8.1	34.6
3	10.64	3.7	35.1	10.45	3.9	35.3	12.32	4.2	33.9
4	12.35	2.0	37.4	12.25	1.3	37.2	12.87	9.7	38.2
5	14.81	5.2	39.2	14.52	5.1	38.9	15.41	5.2	39.8
6	16.13	6.3	39.3	16.64	6.6	39.2	15.17	11.2	39.4
7	18.65	3.3	40.0	18.62	4.4	40.5	18.72	4.5	38.9
8	21.31	7.4	41.2	21.89	5.7	41.4	—	—	—
9	22.34	4.8	40.1	22.92	4.7	40.1	—	—	—
Not able to be leveled	12.93	5.9	36.7	12.96	5.9	36.7	—	—	—
Supervisors, general office	17.91	2.5	40.4	17.95	2.7	40.5	17.81	4.4	40.0
6	16.71	4.3	39.4	—	—	—	—	—	—
7	17.90	4.7	40.9	17.71	5.5	41.3	—	—	—
8	20.63	7.2	39.4	—	—	—	—	—	—
Supervisors, financial records processing	18.53	7.7	41.3	18.45	8.4	41.4	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	14.79	12.6	40.0	15.97	18.1	40.1	—	—	—
Computer operators	14.32	3.8	38.9	14.44	4.5	38.9	—	—	—
5	14.40	2.1	40.0	14.40	2.1	40.0	—	—	—
Secretaries	14.42	7.0	38.2	13.65	6.2	37.5	15.45	12.3	39.2
2	10.97	12.1	33.7	—	—	—	12.09	16.4	35.5
3	13.86	2.5	36.2	13.34	4.0	38.2	14.29	6.1	34.7
4	12.16	4.7	37.3	11.49	5.1	36.5	13.50	11.5	39.0
5	15.71	5.9	39.8	15.23	7.6	39.7	16.32	6.6	39.8
6	15.76	14.8	39.7	17.13	6.2	39.3	15.19	20.5	39.9
7	19.83	2.6	39.9	19.77	5.6	39.7	19.87	1.5	40.0
Not able to be leveled	15.31	8.9	35.6	15.31	8.9	35.6	—	—	—
Stenographers	13.77	4.7	33.8	13.77	4.7	33.8	—	—	—
4	14.23	4.3	31.9	14.23	4.3	31.9	—	—	—
Typists	12.45	7.4	38.0	11.68	8.9	35.4	12.94	10.3	39.8
2	11.11	9.0	34.8	9.93	13.0	32.0	—	—	—
4	11.05	6.1	37.4	—	—	—	11.14	7.3	39.6
5	14.92	2.2	40.0	—	—	—	—	—	—
Interviewers	11.50	7.1	34.5	11.54	7.2	34.5	—	—	—
4	10.25	3.0	39.0	10.25	3.0	39.2	—	—	—
Hotel clerks	7.97	1.8	30.4	7.97	1.8	30.4	—	—	—
3	8.61	3.4	38.4	8.61	3.4	38.4	—	—	—
Transportation ticket and reservation agents	10.92	24.4	36.9	10.92	24.4	36.9	—	—	—
Receptionists	11.20	4.5	31.4	11.14	4.5	31.3	12.32	8.1	35.1

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar—Continued									
Administrative support, including clerical—Continued									
Receptionists—Continued									
1	\$8.69	6.8	17.0	\$8.66	6.7	17.0	—	—	—
2	9.07	3.2	29.1	9.00	3.5	28.7	—	—	—
3	11.67	8.9	35.8	11.55	9.4	35.5	—	—	—
4	12.80	2.4	37.4	12.84	2.5	38.1	—	—	—
Information clerks, n.e.c.									
3	12.62	5.3	35.8	12.43	4.0	36.4	—	—	—
4	12.12	3.8	39.1	12.10	3.9	39.1	—	—	—
4	13.39	5.8	35.8	13.41	6.6	35.3	—	—	—
Order clerks									
2	13.36	8.7	39.1	13.36	8.7	39.1	—	—	—
2	11.62	18.8	40.0	11.62	18.8	40.0	—	—	—
3	10.43	15.1	36.3	10.43	15.1	36.3	—	—	—
4	13.40	7.5	40.0	13.40	7.5	40.0	—	—	—
5	15.31	4.3	40.7	15.31	4.3	40.7	—	—	—
Personnel clerks, except payroll and timekeeping									
1	14.28	7.0	39.7	14.28	7.0	39.7	—	—	—
Library clerks									
1	10.49	7.2	25.7	—	—	—	\$10.38	7.5	25.5
3	8.04	11.1	15.1	—	—	—	8.04	11.1	15.1
3	9.32	13.9	25.7	—	—	—	9.29	14.0	25.7
4	11.25	12.0	24.8	—	—	—	11.25	12.0	24.8
File clerks									
1	10.22	6.0	35.3	10.22	6.1	35.2	—	—	—
Records clerks, n.e.c.									
2	11.23	5.2	38.0	11.16	5.8	38.0	12.19	7.0	38.4
2	9.34	6.3	30.7	9.41	6.4	31.1	—	—	—
3	10.78	6.2	38.6	10.78	6.2	38.7	—	—	—
4	11.92	5.2	38.7	11.88	6.2	38.7	—	—	—
5	14.64	3.2	41.8	15.30	2.3	42.4	—	—	—
Not able to be leveled	11.55	15.0	36.9	11.64	15.8	36.8	—	—	—
Bookkeepers, accounting and auditing clerks ...									
2	12.33	4.8	37.0	12.06	4.7	36.7	14.69	4.7	39.4
2	8.73	6.2	38.5	8.44	7.2	38.3	—	—	—
3	10.62	5.7	33.5	10.59	5.7	33.4	—	—	—
4	12.21	3.8	38.2	11.96	4.4	38.2	14.46	2.9	38.5
5	11.93	12.1	38.2	—	—	—	—	—	—
6	15.43	9.6	37.1	15.80	10.8	35.8	—	—	—
7	18.38	8.2	40.0	—	—	—	—	—	—
Not able to be leveled	12.88	14.7	39.6	12.88	14.7	39.6	—	—	—
Payroll and timekeeping clerks									
4	13.52	9.8	39.9	12.56	5.9	39.9	—	—	—
4	12.23	4.3	40.0	12.23	4.3	40.0	—	—	—
Billing clerks									
3	12.12	6.5	39.1	11.84	5.0	39.0	—	—	—
3	10.68	8.0	38.2	10.68	8.0	38.2	—	—	—
4	12.59	2.2	39.7	12.61	2.2	39.7	—	—	—
Billing, posting, and calculating machine operators									
1	10.19	1.7	39.7	10.19	1.7	39.7	—	—	—
Telephone operators									
1	11.26	15.2	32.0	11.27	15.3	32.0	—	—	—
Mail clerks, except postal service									
1	9.82	3.4	31.8	9.69	3.5	31.1	—	—	—
Messengers									
1	10.62	10.8	22.6	10.66	11.3	22.1	—	—	—
Dispatchers									
3	13.64	6.1	37.9	13.56	8.4	37.6	13.88	4.3	38.7
3	11.29	20.6	39.7	—	—	—	—	—	—
4	12.13	7.5	40.0	—	—	—	—	—	—
Production coordinators									
6	17.12	9.0	39.9	17.12	9.0	39.9	—	—	—
6	20.17	6.2	40.0	20.17	6.2	40.0	—	—	—
7	19.67	2.8	40.0	19.67	2.8	40.0	—	—	—
Traffic, shipping and receiving clerks									
3	12.29	5.4	39.7	12.29	5.5	39.7	—	—	—
3	10.75	8.8	38.6	10.69	9.2	38.5	—	—	—
4	13.19	3.0	40.0	13.19	3.0	40.0	—	—	—
5	15.15	4.7	40.0	15.15	4.7	40.0	—	—	—
Stock and inventory clerks									
1	11.40	3.2	35.8	11.21	3.5	35.8	16.24	12.8	36.6
2	9.69	3.4	37.8	9.65	3.5	38.1	—	—	—
3	11.16	8.1	33.7	11.17	8.2	33.7	—	—	—
4	12.67	10.8	32.6	11.71	6.6	31.6	—	—	—
5	14.81	9.5	40.0	14.81	9.5	40.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
White collar —Continued									
Administrative support, including clerical									
—Continued									
Weighers, measurers, checkers, and samplers	\$14.78	4.6	26.1	—	—	—	—	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.96	18.2	39.6	\$11.96	18.3	39.6	—	—	—
Not able to be leveled	10.71	8.6	40.0	10.71	8.6	40.0	—	—	—
Insurance adjusters, examiners, and investigators	17.93	10.1	37.1	17.93	10.1	37.1	—	—	—
4	12.46	4.0	34.2	12.46	4.0	34.2	—	—	—
Investigators and adjusters, except insurance	13.89	2.3	38.4	13.87	2.3	38.4	—	—	—
3	11.58	7.4	39.1	11.58	7.4	39.1	—	—	—
4	13.38	2.2	36.5	13.36	2.4	36.4	—	—	—
5	14.43	5.0	39.9	14.43	5.0	39.9	—	—	—
6	14.58	16.6	40.0	14.40	16.7	40.0	—	—	—
7	19.83	9.4	40.0	19.83	9.4	40.0	—	—	—
Eligibility clerks, social welfare	14.92	5.0	39.9	—	—	—	\$15.00	5.1	40.0
6	14.31	4.8	40.0	—	—	—	14.31	4.8	40.0
Bill and account collectors	15.23	10.2	38.7	14.68	11.3	38.5	—	—	—
5	14.74	10.2	37.3	—	—	—	—	—	—
General office clerks	12.17	6.6	36.7	11.44	4.6	36.1	13.88	7.4	38.4
1	8.92	7.2	29.4	9.08	7.2	33.5	—	—	—
2	11.38	9.2	38.6	10.93	11.1	38.2	12.85	9.4	39.9
3	10.06	4.2	33.4	9.48	3.6	32.7	11.93	6.1	36.1
4	12.09	2.5	36.5	11.72	1.7	36.0	14.12	9.8	39.6
5	15.28	2.2	40.0	15.29	2.2	40.0	15.27	2.8	40.0
6	14.45	9.7	40.0	—	—	—	—	—	—
Not able to be leveled	10.82	7.3	39.5	10.82	7.3	39.5	—	—	—
Bank tellers	9.41	2.5	33.2	9.41	2.5	33.2	—	—	—
2	8.66	2.5	29.5	8.66	2.5	29.5	—	—	—
3	9.73	3.6	35.5	9.73	3.6	35.5	—	—	—
4	10.35	4.2	39.6	10.35	4.2	39.6	—	—	—
Data entry keyers	10.31	1.8	32.4	10.38	1.4	31.2	—	—	—
2	10.03	3.2	33.1	10.03	3.2	33.1	—	—	—
3	10.53	3.0	28.0	10.44	2.3	27.0	—	—	—
Teachers' aides	10.88	5.2	30.1	—	—	—	10.93	5.5	31.2
1	10.14	10.2	26.5	—	—	—	10.14	10.2	26.5
2	10.55	11.8	33.4	—	—	—	10.55	11.8	33.4
3	10.94	7.6	24.5	—	—	—	11.14	8.5	27.8
4	11.27	4.4	33.0	—	—	—	11.33	5.0	32.7
Administrative support, n.e.c.	13.33	6.7	36.5	13.31	6.7	36.4	13.65	8.4	38.6
2	10.28	4.1	31.0	10.28	4.1	31.0	—	—	—
3	11.86	2.0	36.1	11.19	2.3	36.0	—	—	—
4	12.77	5.7	35.3	12.87	6.0	34.9	11.93	4.2	39.3
5	14.51	9.3	39.7	14.52	9.3	39.7	—	—	—
6	18.67	10.9	39.9	18.78	13.1	39.9	—	—	—
7	17.56	5.5	40.0	17.78	5.1	40.0	—	—	—
Not able to be leveled	13.67	5.2	38.3	13.67	5.2	38.3	—	—	—
Blue collar	15.14	2.3	38.0	15.07	2.3	38.1	16.78	3.7	36.7
1	8.68	2.3	31.2	8.69	2.3	31.3	7.26	11.6	25.3
2	11.19	4.3	37.4	11.18	4.3	37.6	12.73	15.8	22.1
3	13.01	4.5	38.1	12.95	4.5	38.2	14.75	5.2	34.1
4	13.64	2.7	38.9	13.64	2.8	39.1	13.81	5.3	31.7
5	16.45	4.5	41.1	16.45	4.6	41.5	16.42	5.8	37.2
6	16.12	2.4	40.8	16.18	2.6	40.9	15.29	6.8	40.0
7	20.49	2.4	40.0	20.71	3.1	40.0	17.88	3.7	40.0
8	25.13	4.4	40.3	25.25	4.9	40.4	24.38	1.5	40.0
9	26.05	5.9	40.2	26.17	6.4	40.2	24.43	2.3	40.0
10	33.57	.6	40.0	—	—	—	—	—	—
Not able to be leveled	14.46	9.5	34.2	14.46	9.5	34.2	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair	\$18.62	4.4	39.7	\$18.60	4.8	39.7	\$18.98	3.1	40.0
1	10.18	6.9	38.2	10.18	6.9	38.2	—	—	—
2	11.87	3.3	39.1	11.94	3.1	39.0	—	—	—
3	11.40	8.3	37.7	11.37	8.4	37.6	—	—	—
4	11.86	8.9	37.8	11.77	9.0	37.8	—	—	—
5	16.42	8.5	40.5	16.33	8.9	40.6	18.31	4.1	40.0
6	15.58	3.5	40.0	15.54	3.7	40.0	16.41	5.0	40.0
7	20.71	3.3	40.0	20.89	4.0	40.0	18.55	.9	40.0
8	25.56	3.4	40.2	25.73	3.7	40.2	24.59	.9	40.0
9	26.70	6.4	40.1	26.73	6.7	40.1	26.00	1.9	40.0
10	33.57	.6	40.0	—	—	—	—	—	—
Not able to be leveled	19.60	5.7	40.0	19.60	5.7	40.0	—	—	—
Supervisors, mechanics and repairers	24.45	4.9	40.8	24.44	5.4	40.9	—	—	—
7	22.89	8.0	40.4	23.12	8.3	40.4	—	—	—
9	25.92	6.2	40.7	26.22	7.0	40.9	—	—	—
Automobile mechanics	18.76	7.1	40.0	18.79	7.0	40.0	—	—	—
5	14.34	11.3	40.0	14.47	11.8	40.0	—	—	—
Bus, truck, and stationary engine mechanics	14.89	3.8	40.5	14.68	4.1	40.6	16.77	6.2	40.0
5	14.73	7.6	42.3	14.73	7.6	42.3	—	—	—
6	13.30	4.8	40.0	12.98	5.7	40.0	—	—	—
7	17.64	5.4	40.0	17.46	5.4	40.0	—	—	—
Automobile body and related repairers	17.11	17.3	40.0	17.11	17.3	40.0	—	—	—
7	18.51	5.2	40.0	18.51	5.2	40.0	—	—	—
Aircraft mechanics, except engine	24.02	16.5	40.0	24.02	16.5	40.0	—	—	—
Heavy equipment mechanics	18.25	6.9	40.1	17.90	7.5	40.1	—	—	—
7	20.03	2.5	40.1	20.13	2.4	40.1	—	—	—
Farm equipment mechanics	14.15	2.9	42.5	14.15	2.9	42.5	—	—	—
Industrial machinery repairers	18.90	5.8	39.5	18.87	5.9	39.5	—	—	—
5	18.89	5.4	39.7	18.89	5.4	39.7	—	—	—
6	17.27	9.6	40.0	17.27	9.6	40.0	—	—	—
Machinery maintenance	16.08	13.0	39.8	16.08	13.0	39.8	—	—	—
Electronic repairers, communications and industrial equipment	21.50	5.8	39.9	21.56	5.7	40.0	—	—	—
Telephone line installers and repairers	21.20	17.1	40.0	21.20	17.1	40.0	—	—	—
Telephone installers and repairers	21.49	8.7	40.0	21.49	8.7	40.0	—	—	—
Heating, air conditioning, and refrigeration mechanics	18.06	12.8	40.0	18.10	13.0	40.0	—	—	—
7	24.74	12.8	40.0	—	—	—	—	—	—
Millwrights	18.54	9.5	40.0	18.54	9.5	40.0	—	—	—
Mechanics and repairers, n.e.c.	16.62	8.2	39.4	16.61	9.3	39.3	16.82	6.9	40.0
5	13.65	11.4	40.0	13.30	11.9	40.0	—	—	—
6	16.98	19.1	40.0	16.93	21.3	40.0	—	—	—
7	18.69	5.7	39.2	18.69	6.2	39.2	18.75	8.3	40.0
Supervisors, carpenters and related workers	22.85	12.7	40.0	22.85	12.7	40.0	—	—	—
Supervisors, construction trades, n.e.c.	23.73	10.8	41.2	27.67	12.8	42.3	19.27	4.7	40.0
Carpenters	19.35	6.5	38.3	19.24	6.5	38.2	—	—	—
5	17.28	10.2	40.0	17.28	10.2	40.0	—	—	—
7	21.81	4.2	39.9	22.06	4.7	39.8	—	—	—
Electricians	23.16	8.8	40.0	24.28	13.0	40.0	18.77	6.0	40.0
7	20.45	4.8	40.0	21.21	8.7	40.0	—	—	—
8	29.63	4.4	40.0	30.98	3.4	40.0	—	—	—
Electrical power installers and repairers	19.39	9.4	40.0	19.39	9.4	40.0	—	—	—
Plumbers, pipefitters and steamfitters	24.84	3.6	40.0	24.93	3.4	40.0	—	—	—
7	23.91	3.7	40.0	23.91	3.7	40.0	—	—	—
Roofers	17.04	16.5	39.9	17.04	16.5	39.9	—	—	—
Construction trades, n.e.c.	14.92	13.9	38.2	14.59	16.1	37.8	16.22	7.8	40.0
4	11.26	7.3	34.0	—	—	—	—	—	—
5	16.25	2.8	40.0	—	—	—	—	—	—
7	19.18	3.4	40.0	—	—	—	—	—	—
Supervisors, production	20.95	9.2	40.1	21.35	8.5	40.2	—	—	—
7	19.06	4.6	40.2	20.19	3.1	40.3	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Precision production, craft, and repair—Continued									
Supervisors, production—Continued									
8	\$27.20	6.2	40.0	—	—	—	—	—	—
9	27.77	3.6	40.1	\$27.83	3.8	40.1	—	—	—
Tool and die makers	22.42	7.8	40.0	22.42	7.8	40.0	—	—	—
7	22.76	11.5	40.0	22.76	11.5	40.0	—	—	—
Machinists	18.04	7.9	40.0	17.97	7.9	40.0	—	—	—
6	16.11	13.5	40.0	—	—	—	—	—	—
7	18.12	10.3	40.0	18.12	10.3	40.0	—	—	—
Sheet metal workers	20.40	18.2	39.9	20.40	18.2	39.9	—	—	—
7	24.47	7.8	39.9	24.47	7.8	39.9	—	—	—
Bookbinders	14.58	5.3	40.0	14.58	5.3	40.0	—	—	—
Electrical and electronic equipment assemblers	14.50	22.3	40.0	14.50	22.3	40.0	—	—	—
4	14.27	18.1	40.0	14.27	18.1	40.0	—	—	—
Miscellaneous precision workers, n.e.c.	14.79	16.3	40.0	14.79	16.3	40.0	—	—	—
Butchers and meat cutters	11.64	6.3	37.3	11.64	6.3	37.3	—	—	—
1	10.12	8.3	38.0	10.12	8.3	38.0	—	—	—
Bakers	13.40	8.6	41.4	13.40	8.6	41.4	—	—	—
Inspectors, testers, and graders	17.93	12.4	40.0	17.93	12.4	40.0	—	—	—
7	22.98	7.5	40.0	22.98	7.5	40.0	—	—	—
Water and sewer treatment plant operators	18.99	6.3	40.0	—	—	—	\$20.57	2.7	40.0
7	20.93	5.8	40.0	—	—	—	20.93	5.8	40.0
Stationary engineers	19.11	2.8	40.0	—	—	—	—	—	—
7	20.08	3.0	40.0	—	—	—	—	—	—
Miscellaneous plant and system operators, n.e.c.	21.43	18.4	40.0	21.43	18.4	40.0	—	—	—
Machine operators, assemblers, and inspectors									
1	13.37	3.3	38.8	13.37	3.3	38.8	—	—	—
2	8.58	2.5	36.8	8.58	2.5	36.8	—	—	—
3	10.69	4.5	38.8	10.69	4.5	38.8	—	—	—
4	14.83	3.5	39.5	14.83	3.5	39.5	—	—	—
5	14.54	1.9	39.9	14.54	1.9	39.9	—	—	—
6	15.59	2.8	39.9	15.59	2.8	39.9	—	—	—
7	15.97	4.0	39.5	15.97	4.0	39.5	—	—	—
Not able to be leveled	18.49	4.8	39.9	18.49	4.8	39.9	—	—	—
9.47	9.47	10.3	34.9	9.47	10.3	34.9	—	—	—
Punching and stamping press operators	13.20	5.2	39.8	13.20	5.2	39.8	—	—	—
4	12.98	8.2	39.7	12.98	8.2	39.7	—	—	—
5	14.98	11.0	40.0	14.98	11.0	40.0	—	—	—
Grinding, abrading, buffing, and polishing machine operators	14.82	4.5	40.0	14.82	4.5	40.0	—	—	—
5	14.54	7.9	40.0	14.54	7.9	40.0	—	—	—
Numerical control machine operators	13.88	13.3	39.8	13.88	13.3	39.8	—	—	—
5	16.23	4.5	39.7	16.23	4.5	39.7	—	—	—
Fabricating machine operators, n.e.c.	14.46	14.9	40.0	14.46	14.9	40.0	—	—	—
5	19.08	7.9	40.0	19.08	7.9	40.0	—	—	—
Molding and casting machine operators	11.88	5.8	40.0	11.88	5.8	40.0	—	—	—
3	11.67	8.9	40.0	11.67	8.9	40.0	—	—	—
Printing press operators	16.06	6.0	39.2	16.06	6.0	39.2	—	—	—
3	11.01	5.9	40.0	11.01	5.9	40.0	—	—	—
4	14.43	5.4	38.6	14.43	5.4	38.6	—	—	—
5	15.80	3.2	38.6	15.80	3.2	38.6	—	—	—
6	17.20	4.7	39.4	17.20	4.7	39.4	—	—	—
7	17.91	11.1	39.9	17.91	11.1	39.9	—	—	—
Photoengravers and lithographers	17.18	7.5	38.8	17.18	7.5	38.8	—	—	—
Textile sewing machine operators	8.86	13.0	40.0	8.86	13.0	40.0	—	—	—
Laundrying and dry cleaning machine operators	8.50	13.4	31.7	8.50	13.4	31.7	—	—	—
1	8.05	5.2	33.3	8.05	5.2	33.3	—	—	—
Cementing and gluing machine operators	14.54	7.9	40.0	14.54	7.9	40.0	—	—	—
Packaging and filling machine operators	12.81	10.3	39.3	12.81	10.3	39.3	—	—	—
3	12.53	5.6	39.0	12.53	5.6	39.0	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar —Continued									
Machine operators, assemblers, and inspectors —Continued									
Packaging and filling machine operators —Continued									
4	\$14.93	5.2	40.0	\$14.93	5.2	40.0	—	—	—
Extruding and forming machine operators	11.48	11.3	39.7	11.48	11.3	39.7	—	—	—
Mixing and blending machine operators	13.77	6.9	40.0	13.77	6.9	40.0	—	—	—
Painting and paint spraying machine operators	16.10	9.4	40.0	16.10	9.4	40.0	—	—	—
3	21.31	9.4	40.0	21.31	9.4	40.0	—	—	—
4	17.94	10.8	40.0	17.94	10.8	40.0	—	—	—
5	13.75	6.7	40.0	13.75	6.7	40.0	—	—	—
Slicing and cutting machine operators	13.99	11.1	39.8	13.99	11.1	39.8	—	—	—
Miscellaneous machine operators, n.e.c.	13.88	7.1	38.5	13.88	7.1	38.5	—	—	—
1	8.12	2.9	35.1	8.12	2.9	35.1	—	—	—
2	12.21	6.6	37.6	12.20	6.7	37.6	—	—	—
3	10.78	5.6	38.1	10.78	5.6	38.1	—	—	—
4	14.33	2.4	40.0	14.33	2.4	40.0	—	—	—
5	16.77	2.5	40.0	16.77	2.5	40.0	—	—	—
6	17.22	5.9	38.6	17.22	5.9	38.6	—	—	—
Welders and cutters	14.77	6.2	40.0	14.77	6.2	40.0	—	—	—
4	13.01	2.1	40.0	13.01	2.1	40.0	—	—	—
5	16.03	7.1	40.0	16.03	7.1	40.0	—	—	—
6	15.39	6.8	40.0	15.39	6.8	40.0	—	—	—
7	18.56	4.1	40.0	18.56	4.1	40.0	—	—	—
Assemblers	14.21	8.2	37.4	14.21	8.2	37.4	—	—	—
1	8.68	5.9	36.9	8.68	5.9	36.9	—	—	—
2	10.80	5.8	39.3	10.80	5.8	39.3	—	—	—
3	19.82	3.2	39.8	19.82	3.2	39.8	—	—	—
4	17.02	6.2	40.0	17.02	6.2	40.0	—	—	—
5	13.73	8.7	40.0	13.73	8.7	40.0	—	—	—
Miscellaneous hand working, n.e.c.	10.28	9.1	39.2	10.28	9.1	39.2	—	—	—
3	11.99	14.2	40.0	11.99	14.2	40.0	—	—	—
Production inspectors, checkers and examiners	14.99	5.9	40.0	14.99	5.9	40.0	—	—	—
3	18.58	16.8	40.0	18.58	16.8	40.0	—	—	—
5	12.72	10.8	40.0	12.72	10.8	40.0	—	—	—
Transportation and material moving	14.68	3.5	38.4	14.65	4.1	38.9	\$15.13	6.1	32.9
1	7.63	6.4	28.5	7.60	6.6	28.6	—	—	—
2	12.22	4.1	34.7	12.15	4.6	35.3	15.61	18.4	20.7
3	12.03	7.2	36.0	11.80	7.0	36.4	15.39	7.0	30.9
4	14.05	6.7	39.9	14.04	7.1	40.6	14.28	7.1	28.2
5	17.66	7.0	44.0	17.86	7.8	45.7	15.96	1.6	33.5
6	17.10	11.0	44.6	17.63	13.1	45.6	—	—	—
7	20.13	9.7	40.8	21.40	10.5	40.9	—	—	—
9	24.48	15.6	40.3	24.50	18.1	40.3	—	—	—
Not able to be leveled	15.88	21.3	37.7	15.88	21.3	37.7	—	—	—
Supervisors, motor vehicle operators	19.13	4.1	42.7	19.11	4.6	43.0	—	—	—
Truckdrivers	13.76	3.2	40.8	13.76	3.3	40.8	14.11	10.9	40.0
1	7.58	6.3	29.4	7.58	6.3	29.4	—	—	—
3	10.41	3.9	36.2	10.43	3.8	36.1	—	—	—
4	13.41	7.5	41.9	13.37	7.7	42.0	—	—	—
5	17.98	9.6	47.3	18.03	9.7	47.4	—	—	—
6	17.40	14.4	46.7	17.40	14.4	46.7	—	—	—
Driver-sales workers	9.17	14.1	25.1	9.17	14.1	25.1	—	—	—
1	6.29	5.6	28.0	6.29	5.6	28.0	—	—	—
Busdrivers	14.05	5.7	26.1	11.85	11.1	25.8	15.77	3.3	26.2
2	12.81	11.7	24.8	—	—	—	13.95	25.5	17.7
3	15.70	5.1	28.2	—	—	—	17.18	3.7	28.7
4	12.56	8.0	21.4	—	—	—	—	—	—
5	16.07	1.6	30.3	—	—	—	16.07	1.6	30.3
Taxicab drivers and chauffeurs	10.72	3.4	29.5	10.94	2.5	29.4	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Transportation and material moving—Continued									
Motor transportation, n.e.c.	\$10.44	15.9	29.6	\$10.44	15.9	29.6	—	—	—
1	8.58	8.5	29.0	8.58	8.5	29.0	—	—	—
Railroad conductors and yardmasters	20.23	19.7	40.0	20.23	19.7	40.0	—	—	—
Locomotive operating	25.05	20.0	40.0	25.05	20.0	40.0	—	—	—
Supervisors, material moving equipment	19.94	8.7	40.4	19.94	8.7	40.4	—	—	—
Operating engineers	20.02	11.2	40.0	—	—	—	\$16.40	5.5	40.0
Crane and tower operators	22.35	19.5	40.0	22.35	19.5	40.0	—	—	—
Excavating and loading machine operators	20.14	9.2	40.0	19.54	9.3	40.0	—	—	—
Grader, dozer, and scraper operators	14.06	6.2	40.0	—	—	—	—	—	—
Industrial truck and tractor equipment operators	14.03	4.5	39.1	14.03	4.5	39.1	—	—	—
2	11.51	7.6	38.2	11.51	7.6	38.2	—	—	—
3	14.40	3.6	38.8	14.40	3.6	38.8	—	—	—
4	14.65	7.0	40.0	14.65	7.0	40.0	—	—	—
5	16.18	6.5	40.0	16.18	6.5	40.0	—	—	—
Miscellaneous material moving equipment operators, n.e.c.	16.63	7.1	39.9	16.96	12.9	39.8	14.70	9.7	40.0
3	17.05	22.9	39.6	17.05	22.9	39.6	—	—	—
5	15.95	14.6	40.0	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers									
.....	11.75	3.3	34.5	11.63	3.2	34.4	14.37	9.9	36.3
1	8.85	4.0	29.5	8.87	4.0	29.5	—	—	—
2	11.01	5.0	37.5	11.02	5.0	37.8	—	—	—
3	12.92	4.4	39.1	12.88	4.6	39.0	13.83	5.8	40.0
4	13.46	3.2	36.9	13.51	3.3	37.0	12.44	10.6	34.5
5	15.33	9.8	39.4	15.12	6.2	38.9	15.64	16.5	40.0
6	17.57	5.3	41.1	18.08	6.7	41.4	15.87	9.0	40.0
7	21.84	4.4	35.1	—	—	—	—	—	—
Not able to be leveled	14.38	5.0	27.2	14.38	5.0	27.2	—	—	—
Supervisors, agriculture-related workers	20.09	7.6	40.0	—	—	—	21.12	6.7	40.0
Groundskeepers and gardeners, except farm	12.22	17.0	37.6	11.51	22.3	37.1	14.08	9.9	39.0
1	7.40	5.8	35.9	7.40	5.8	35.9	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.79	4.6	39.9	17.80	5.6	39.9	—	—	—
Helpers, construction trades	11.37	5.7	38.2	11.37	5.7	38.2	—	—	—
2	10.21	5.5	39.5	10.21	5.5	39.5	—	—	—
Construction laborers	14.90	7.1	39.0	15.01	7.4	38.9	13.64	16.1	40.0
3	14.08	6.7	40.0	—	—	—	—	—	—
4	14.77	16.4	39.8	15.47	17.8	39.7	12.63	15.7	40.0
Production helpers	12.38	3.7	39.5	12.38	3.7	39.5	—	—	—
1	9.24	13.0	37.5	9.24	13.0	37.5	—	—	—
2	12.96	10.4	39.5	12.96	10.4	39.5	—	—	—
Stock handlers and baggers	9.57	6.8	26.4	9.57	6.8	26.5	—	—	—
1	7.25	6.8	21.9	7.25	6.8	21.9	—	—	—
2	10.82	7.8	30.0	10.82	7.8	30.0	—	—	—
3	12.11	6.4	36.4	12.12	6.4	36.4	—	—	—
4	13.59	5.0	34.9	13.59	5.0	34.9	—	—	—
Machine feeders and offbearers	10.21	11.3	37.9	10.21	11.3	37.9	—	—	—
1	9.26	3.6	36.7	9.26	3.6	36.7	—	—	—
Freight, stock, and material handlers, n.e.c.	12.31	4.3	34.6	12.31	4.3	34.6	—	—	—
1	9.33	7.0	30.0	9.33	7.0	30.0	—	—	—
2	10.22	13.3	35.6	10.22	13.3	35.6	—	—	—
3	15.48	6.5	39.8	15.48	6.5	39.8	—	—	—
4	11.54	8.5	35.0	11.54	8.5	35.0	—	—	—
Garage and service station related	8.60	14.3	33.9	8.60	14.3	33.9	—	—	—
Vehicle washers and equipment cleaners	14.16	4.8	36.6	14.16	4.8	36.6	—	—	—
1	15.68	2.8	33.6	15.68	2.8	33.6	—	—	—
Hand packers and packagers	9.93	10.7	38.4	9.93	10.7	38.4	—	—	—
1	9.08	9.0	37.3	9.08	9.0	37.3	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Blue collar—Continued									
Handlers, equipment cleaners, helpers, and laborers—Continued									
Hand packers and packagers—Continued									
2	\$9.50	3.0	39.2	\$9.50	3.0	39.2	—	—	—
4	10.83	6.9	40.0	10.83	6.9	40.0	—	—	—
Laborers, except construction, n.e.c.	11.58	7.8	36.0	11.50	7.7	36.2	\$13.04	11.8	32.6
1	8.79	4.8	31.6	8.88	4.7	31.7	—	—	—
2	11.46	10.0	38.6	—	—	—	—	—	—
3	11.86	18.3	40.4	11.63	19.1	40.4	15.05	8.4	40.0
4	14.92	6.2	34.2	14.98	6.0	34.1	—	—	—
5	14.51	9.8	40.0	13.78	12.6	40.0	—	—	—
Not able to be leveled	13.72	15.9	40.0	13.72	15.9	40.0	—	—	—
Service	9.93	5.2	28.8	8.72	2.5	27.3	14.89	3.7	37.0
1	7.23	1.9	23.8	7.16	2.1	23.5	8.25	6.6	30.0
2	7.97	6.3	27.2	7.33	3.3	26.1	10.58	5.7	33.4
3	9.41	3.4	29.2	9.08	3.1	28.7	11.81	3.2	34.2
4	11.04	4.9	34.9	10.43	3.4	33.9	13.34	4.9	38.9
5	13.44	5.6	36.4	12.83	6.6	35.1	14.56	5.0	39.0
6	14.17	3.3	39.0	13.09	3.6	37.3	14.89	6.7	40.2
7	19.02	1.8	40.8	16.61	7.5	38.9	20.52	1.4	42.1
8	19.03	4.9	34.7	17.53	17.3	24.3	19.63	7.5	41.8
9	22.31	3.8	39.9	—	—	—	22.26	3.8	39.9
10	24.48	7.3	45.0	—	—	—	24.94	9.1	45.0
Not able to be leveled	8.99	6.5	29.1	8.85	6.5	29.0	—	—	—
Protective service	16.86	5.7	37.2	11.82	7.9	30.2	18.75	4.4	40.7
2	9.20	17.4	27.2	7.39	8.7	24.3	13.01	8.7	36.3
3	9.95	6.1	31.7	9.69	7.1	34.1	11.70	8.3	21.3
4	12.65	11.8	33.3	11.04	9.7	31.3	16.21	11.7	38.7
5	13.66	6.7	40.3	—	—	—	13.34	3.1	40.9
6	14.96	6.3	40.4	—	—	—	14.92	6.7	40.4
7	19.92	3.5	43.0	—	—	—	19.91	3.6	43.1
8	19.68	7.3	32.2	—	—	—	19.53	7.9	42.0
9	22.31	3.8	39.9	—	—	—	22.26	3.8	39.9
10	24.48	7.3	45.0	—	—	—	24.94	9.1	45.0
Supervisors, firefighters and fire prevention	20.97	12.3	51.6	—	—	—	20.97	12.3	51.6
Supervisors, police and detectives	27.42	5.2	40.1	—	—	—	27.57	5.2	40.1
9	27.37	2.1	40.0	—	—	—	27.37	2.1	40.0
Supervisors, guards	18.19	14.3	39.7	16.13	9.4	39.5	—	—	—
Firefighting	15.94	1.9	46.9	—	—	—	15.94	1.9	46.9
7	17.06	6.4	52.4	—	—	—	17.06	6.4	52.4
Police and detectives, public service	20.41	4.1	36.1	—	—	—	20.36	4.4	39.7
6	17.50	4.9	40.1	—	—	—	17.50	4.9	40.1
7	22.24	1.3	39.1	—	—	—	22.24	1.3	39.1
8	19.82	12.1	27.1	—	—	—	19.53	13.4	40.0
9	20.83	3.7	39.9	—	—	—	20.83	3.7	39.9
Sheriffs, bailiffs, and other law enforcement officers	18.43	4.9	38.2	—	—	—	18.43	4.9	38.2
7	18.87	5.0	40.2	—	—	—	18.87	5.0	40.2
Correctional institution officers	15.42	10.6	39.2	—	—	—	15.42	10.6	39.2
5	12.73	3.7	40.0	—	—	—	12.73	3.7	40.0
6	14.61	8.0	37.2	—	—	—	14.61	8.0	37.2
Guards and police, except public service	11.55	7.7	35.5	11.44	8.0	35.3	13.74	3.9	40.0
2	7.44	10.8	27.4	7.36	10.5	27.2	—	—	—
3	9.95	7.7	35.9	9.82	7.7	35.8	—	—	—
5	14.44	11.8	40.0	—	—	—	—	—	—
Protective service, n.e.c.	7.06	13.8	16.4	6.29	8.7	14.2	—	—	—
2	7.38	5.7	18.9	7.52	6.6	16.9	—	—	—
Food service	7.65	3.5	24.9	7.56	3.6	24.9	9.62	4.7	27.1
1	6.44	1.4	22.0	6.37	1.5	21.7	7.93	5.3	28.1
2	6.72	9.0	24.2	6.51	7.7	24.2	9.90	4.6	23.8

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Food service—Continued									
3	\$8.36	7.0	27.2	\$8.32	7.3	27.1	\$10.89	19.6	36.6
4	10.49	3.2	34.5	10.48	3.2	34.6	—	—	—
5	11.38	7.7	39.5	11.09	9.4	40.8	13.70	4.3	31.5
7	14.84	3.0	40.4	14.84	3.0	40.4	—	—	—
Not able to be leveled	6.93	13.0	20.9	6.93	13.0	20.9	—	—	—
Waiters, waitresses, and bartenders	5.68	7.3	21.0	5.68	7.3	21.0	—	—	—
1	5.23	7.8	18.1	5.23	7.8	18.1	—	—	—
2	5.67	11.9	23.9	5.67	12.0	23.9	—	—	—
3	6.67	17.8	21.4	6.67	17.8	21.4	—	—	—
4	7.12	7.8	27.6	7.12	7.8	27.6	—	—	—
Bartenders	8.47	6.9	23.4	8.47	6.9	23.4	—	—	—
2	8.12	7.5	27.1	8.12	7.5	27.1	—	—	—
3	9.00	12.9	19.4	9.00	12.9	19.4	—	—	—
Waiters and waitresses	4.41	7.2	20.9	4.41	7.2	20.9	—	—	—
1	4.76	8.9	18.3	4.76	8.9	18.3	—	—	—
2	4.53	10.0	22.9	4.53	10.0	22.9	—	—	—
3	3.74	8.3	23.5	3.74	8.3	23.5	—	—	—
Waiters/Waitresses' assistants	6.37	5.2	18.2	6.37	5.2	18.2	—	—	—
1	6.08	7.9	17.7	6.08	7.9	17.7	—	—	—
Other food service	8.55	3.6	27.3	8.48	3.6	27.3	9.65	4.8	27.2
1	7.04	1.2	24.6	6.97	1.1	24.4	7.93	5.3	28.1
2	7.74	7.0	24.5	7.44	5.3	24.6	9.98	4.3	24.0
3	8.94	6.4	30.0	8.89	6.5	29.9	10.89	19.6	36.6
4	10.93	2.8	35.7	10.92	2.8	35.8	—	—	—
5	11.47	6.8	39.5	11.17	8.5	40.9	13.70	4.3	31.5
7	14.84	3.0	40.4	14.84	3.0	40.4	—	—	—
Not able to be leveled	7.82	10.2	21.8	7.82	10.2	21.8	—	—	—
Supervisors, food preparation and service	11.87	4.8	36.5	11.72	5.4	37.1	—	—	—
3	8.15	3.0	31.1	8.15	3.0	31.1	—	—	—
5	11.16	9.1	39.3	10.58	10.1	41.7	—	—	—
7	14.49	3.2	40.4	14.49	3.2	40.4	—	—	—
Cooks	9.61	4.9	29.9	9.62	5.1	29.8	9.40	4.6	31.5
1	6.87	5.4	25.5	6.82	5.6	25.7	—	—	—
2	7.74	4.7	24.5	7.70	5.0	24.0	—	—	—
3	9.86	7.6	31.9	9.87	7.9	31.7	9.77	5.2	37.5
4	10.90	3.4	36.3	10.90	3.5	36.4	—	—	—
Food counter, fountain, and related	6.89	5.7	26.3	6.87	5.9	26.5	—	—	—
1	6.07	2.3	25.5	6.06	2.4	25.6	—	—	—
2	8.11	1.8	28.8	8.09	2.0	29.3	—	—	—
3	6.93	1.8	24.9	6.93	1.8	24.9	—	—	—
Kitchen workers, food preparation	7.70	6.9	25.8	7.54	3.0	25.8	10.18	11.6	25.6
1	7.62	4.5	26.7	7.58	4.8	26.2	—	—	—
2	7.35	12.4	22.9	6.98	2.9	23.3	—	—	—
3	8.15	17.0	28.8	8.02	12.0	28.7	—	—	—
Food preparation, n.e.c.	7.64	4.7	24.6	7.53	5.0	24.5	8.78	6.4	26.2
1	7.01	3.2	23.3	6.91	3.2	22.9	7.91	8.8	26.9
2	8.08	7.2	25.6	7.58	9.6	25.6	9.90	4.5	25.5
3	8.85	5.8	29.9	8.85	5.8	29.9	—	—	—
Health service	10.39	5.5	31.6	10.30	6.3	31.0	11.07	4.1	35.9
1	7.25	6.8	23.5	7.34	6.3	23.1	—	—	—
2	9.52	7.3	30.9	9.08	5.8	29.4	10.69	7.2	35.6
3	10.22	1.7	29.6	10.15	1.8	29.7	11.83	8.3	26.2
4	10.47	5.2	33.1	10.26	7.6	31.5	11.14	4.1	39.8
5	11.80	8.5	38.1	11.59	10.2	37.6	—	—	—
6	14.12	16.0	23.5	14.12	16.0	23.5	—	—	—
Not able to be leveled	8.78	4.2	35.2	8.76	4.2	35.2	—	—	—
Dental assistants	16.27	6.3	36.2	16.35	6.3	36.2	—	—	—
Health aides, except nursing	9.70	8.7	33.2	9.60	8.9	33.0	—	—	—
1	7.76	8.3	31.3	7.76	8.3	31.3	—	—	—
2	8.13	10.1	37.8	8.13	10.1	37.8	—	—	—
3	10.52	2.4	31.6	10.49	3.0	31.7	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service—Continued									
Health service—Continued									
Health aides, except nursing—Continued									
5	\$11.66	10.9	39.4	—	—	—	—	—	—
Nursing aides, orderlies, and attendants	9.61	3.0	30.7	\$9.34	2.7	29.9	\$11.05	4.4	35.7
2	9.82	7.7	29.7	9.39	4.5	27.4	10.69	7.2	35.6
3	9.92	4.1	29.2	9.84	4.2	29.3	11.78	8.6	26.3
4	10.00	6.0	34.3	9.42	3.5	32.3	—	—	—
Not able to be leveled	8.73	4.3	35.1	8.73	4.3	35.1	—	—	—
Cleaning and building service	10.46	13.6	31.9	9.20	3.6	29.7	13.58	9.6	38.9
1	8.18	3.1	27.9	8.14	3.4	27.4	8.84	10.2	39.6
2	10.30	2.7	32.6	9.59	5.3	29.8	11.17	3.3	36.9
3	11.21	4.4	37.3	10.25	5.9	35.5	12.42	3.0	39.9
4	11.89	6.5	40.0	10.36	6.7	40.0	13.59	3.2	40.0
5	13.03	18.1	36.2	—	—	—	16.91	3.8	40.0
7	21.40	4.2	39.8	—	—	—	—	—	—
Not able to be leveled	9.98	5.6	29.8	9.98	5.6	29.8	—	—	—
Supervisors, cleaning and building service workers	17.42	17.4	38.3	13.11	15.0	36.8	22.01	4.2	40.0
7	21.68	4.6	39.7	—	—	—	—	—	—
Maids and housemen	7.86	4.3	27.8	7.85	4.3	27.7	—	—	—
1	7.61	2.0	27.8	7.59	2.0	27.7	—	—	—
2	9.19	5.3	31.2	9.19	5.3	31.2	—	—	—
Janitors and cleaners	10.48	3.5	33.0	9.56	3.0	30.4	12.07	4.1	38.7
1	8.76	2.3	28.1	8.75	2.9	27.1	8.89	11.7	39.7
2	10.48	2.6	32.9	9.72	7.8	29.3	11.17	3.3	36.9
3	11.25	4.4	37.2	10.27	6.1	35.3	12.42	3.0	39.9
4	12.02	6.1	39.8	10.32	6.9	39.6	13.72	3.3	39.9
5	16.23	2.9	39.5	—	—	—	16.86	3.9	40.0
Not able to be leveled	9.62	10.3	40.0	9.62	10.3	40.0	—	—	—
Personal service	9.70	6.1	29.8	9.43	5.8	29.6	11.11	10.9	31.1
1	8.38	5.5	19.8	8.43	5.9	19.9	—	—	—
2	7.11	5.7	29.1	6.82	4.8	28.4	8.46	8.5	33.1
3	8.84	6.0	25.3	8.12	4.3	25.0	9.84	5.6	25.6
4	10.55	4.6	36.1	10.11	3.6	36.0	12.63	10.6	36.5
5	16.99	15.7	29.4	17.83	22.8	25.3	—	—	—
6	11.35	8.8	38.5	11.36	9.0	38.9	—	—	—
Hairdressers and cosmetologists	9.88	7.0	35.8	9.88	7.0	35.8	—	—	—
4	9.36	5.3	35.6	9.36	5.3	35.6	—	—	—
Attendants, amusement and recreation facilities	6.99	7.7	34.2	6.99	7.7	34.2	—	—	—
1	8.60	3.9	28.3	8.60	3.9	28.3	—	—	—
2	6.47	3.8	35.2	6.47	3.8	35.2	—	—	—
Welfare service aides	10.26	13.4	30.2	9.75	13.9	31.7	—	—	—
Early childhood teachers' assistants	8.89	6.2	26.3	7.67	5.7	22.1	9.63	7.7	29.8
1	7.05	6.5	13.8	6.39	5.8	11.8	—	—	—
2	8.46	8.0	29.5	8.40	10.9	23.2	8.49	9.7	33.9
3	9.57	5.9	27.1	—	—	—	9.57	5.9	27.1
Childcare workers, n.e.c.	11.68	17.6	26.1	8.64	4.1	20.6	14.91	6.7	36.5
2	7.56	3.6	10.9	—	—	—	—	—	—
Service, n.e.c.	9.74	6.6	31.3	9.75	6.6	31.2	—	—	—
1	9.51	4.9	20.3	9.64	4.3	20.2	—	—	—
2	6.76	12.1	26.3	6.84	13.3	25.7	—	—	—

See footnotes at end of table.

TABLE 6. Occupations¹ and levels,² West North Central: Mean hourly earnings³ and weekly hours, private industry and State and local government, National Compensation Survey,⁴ July 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 ⁵ (percent)		Mean	Relative error ⁵ (percent)		Mean	Relative error ⁵ (percent)	
Service —Continued									
Personal service—Continued									
Service, n.e.c.—Continued									
3	\$7.96	6.5	13.4	\$7.96	6.5	13.4	—	—	—
4	12.45	9.1	39.2	—	—	—	—	—	—

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

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

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

weighted by hours.

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

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

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

Technical Note

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

Survey scope. In the West North Central Census Division, the NCS studied 2,009 establishments representing approximately 6,797,300 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 West North Central Census Division are:

Clinton County, IA
Des Moines County, IA
Goodhue County, MN

Griggs County, ND
Iowa City, IA, MSA
Kansas City, MO-KS, MSA
Lewis County, MO
Lincoln, NE, MSA
Logan County, NE
Madison County, NE
Minneapolis-St. Paul, MN-WI, MSA
Seward County, NE
Springfield, MO, MSA
St. Louis, MO-IL, MSA
Tama County, IA
Ward County, ND

In the second stage, the sample of establishments was drawn by first stratifying the sampling frame by ownership and industry. The number of sample establishments allocated to each stratum 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 BLS 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 used 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 or incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. 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 of estimates from all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. Tables in this bulletin provide RSE data for indicated series.

The relative standard error can be used to calculate a *confidence interval* around a sample estimate. As an example, suppose the mean hourly earnings for all workers were \$17.75 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 West North Central Census Division, the St. Louis MSA includes parts of Missouri and Illinois and the Minneapolis-St. Paul MSA includes parts of Minnesota and Wisconsin.

TABLE A. Number of workers¹ represented by the survey, by occupational group,² West North Central, National Compensation Survey,³ July 2003

Occupational group	All industries	Private industry	State and local government
All	6,797,300	5,739,000	1,058,300
All, excluding sales	6,137,200	5,081,200	1,056,000
White collar	3,316,700	2,579,000	737,800
White collar, excluding sales	2,656,600	1,921,100	735,500
Professional specialty and technical	1,165,300	708,500	456,800
Professional specialty occupations	894,900	480,500	414,400
Technical occupations	270,500	228,000	42,500
Executive, administrative, and managerial	446,700	365,100	81,600
Sales	660,100	657,800	2,300
Administrative support, including clerical	1,044,600	847,500	197,100
Blue collar	2,105,100	2,004,400	100,600
Precision production, craft, and repair	698,500	658,700	39,800
Machine operators, assemblers, and inspectors	479,000	478,900	-
Transportation and material moving	428,200	390,500	37,800
Handlers, equipment cleaners, helpers, and laborers	499,400	476,400	23,000
Service	1,375,600	1,155,700	219,900

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

² A classification system including about 480 individual

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

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

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

TABLE B. Number of establishments studied by industry group and establishment employment size, West North Central, National Compensation Survey,¹ July 2003

Industry division	Number of establishments studied						
	Total	1 to 99 workers ²	100 to 499 workers	500 to 999 workers	1,000 to 2,499 workers	2,500 to 4,999 workers	5,000 or more workers
All	2,009	906	657	157	163	70	56
Private Industry	1,789	879	563	130	132	44	41
Goods-producing industries	477	196	179	40	24	21	17
Mining	13	12	1	—	—	—	—
Construction	103	81	22	—	—	—	—
Manufacturing	361	103	156	40	24	21	17
Durable goods	214	53	92	31	14	15	9
Nondurable goods	147	50	64	9	10	6	8
Service-producing industries	1,312	683	384	90	108	23	24
Transportation and utilities	154	56	47	20	18	3	10
Wholesale trade	103	63	31	4	4	1	—
Retail trade	316	211	94	9	2	—	—
Finance, insurance and real estate	147	94	21	8	14	5	5
Services	592	259	191	49	70	14	9
State and local government	220	27	94	27	31	26	15

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

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

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