Cedar Rapids, IA National Compensation Survey December 2009



U.S. Department of Labor U.S. Bureau of Labor Statistics March 2010

This summary provides results of a December 2009 survey of occupational pay in the Cedar Rapids, IA, Metropolitan Statistical Area (MSA). The MSA includes Benton, Jones, and Linn Counties. Data shown in this summary were collected as part of the Bureau of Labor Statistics (BLS) National Compensation Survey (NCS). The NCS provides comprehensive measures of occupational earnings, compensation cost trends, benefit incidence, and detailed plan provisions. This summary is limited to data on occupational wages and salaries.

Table 1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and establishment characteristics.

Table 2 presents mean hourly earnings data by work level for occupational major groups and for detailed occupations. Separate data are also shown for full-time and part-time workers. Table 3 provides work level data for private industry workers. Table 4 provides similar data for State and local government workers.

Tables 5 through 7 present hourly wage percentiles that describe the distribution of hourly earnings for individual workers within each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, and State and local government.

Table 8 presents mean and median hourly, weekly, and annual earnings, and the associated hours, for major occupational groups and detailed occupations for full-time workers. Table 9 provides the same type of information for private industry workers. Table 10 provides similar data for State and local government workers.

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

Where to find more information

The data contained in this summary are available at http://www.bls.gov/ncs/ocs/compub.htm, the BLS Internet site. Data are presented in a Portable Document Format (PDF) file, and in an ASCII file containing the published table formats.

For additional information regarding this survey, including a list of occupational classifications, please contact any BLS regional office at the address and telephone number listed on the back cover of this summary. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212–0001, telephone (202) 691–6199, or send an e-mail to NCSinfo@bls.gov.

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Table 1. Summary: Mean hourly earnings1 and weekly hours for selected worker and establishment characteristics, Cedar Rapids, IA, December 2009

		Civilian workers			rate industry workers			local goveri workers	nment
Worker and establishment characteristics	Hourly ea	arnings	Mean	Hourly ea	arnings	Mean	Hourly ea	arnings	Mean
	Mean	Relative error ² (percent)	weekly hours ³	Mean	Relative error ² (percent)	weekly hours ³	Mean	Relative error ² (percent)	weekly hours ³
All workers	\$20.52	4.0	34.4	\$20.13	4.6	34.1	\$23.46	3.4	36.8
Worker characteristics ^{4,5}									
Management, professional, and related Management, business, and financial Professional and related Service Sales and office Sales and related Office and administrative support Natural resources, construction, and maintenance Construction and extraction Installation, maintenance, and repair Production, transportation, and material moving Production Transportation and material moving Full time	29.55 33.86 27.59 13.03 15.40 15.91 15.23 23.30 20.58 25.51 16.42 17.59 15.10	5.6 11.2 4.3 5.3 3.5 9.4 3.8 12.2 4.9 12.4 7.0 6.1 15.7	38.8 40.2 38.2 27.9 34.9 30.3 36.7 30.8 40.0 27.7 35.6 34.8 36.5	29.86 33.80 27.47 11.62 15.40 15.91 15.21 23.53 20.58 26.17 16.24 17.40 14.92	6.6 11.3 5.3 5.0 3.7 9.4 4.1 13.3 4.9 13.8 7.3 6.2 16.7	39.4 40.2 39.0 26.6 34.7 30.3 36.6 30.3 40.0 26.7 35.6 34.6 36.7 40.3	28.14 - 27.97 20.25 15.39 - 15.39 - - - - - - 23.90	6.0 - 6.7 5.6 11.1 - 11.1 - - - - 3.2	36.2 36.9 37.9 - 37.9
Part time Union	13.22 24.83 19.81 20.56 19.91	8.0 4.3 4.3 6.4	19.0 39.5 33.6 33.9 42.7	12.88 25.13 19.58 20.15 19.91	18.3 12.3 4.7 5.0 6.4	18.8 41.4 33.4 33.5 42.7	18.46 24.33 22.73 23.46	19.0 4.3 5.8 3.4	36.7 36.8 36.8
Goods producing	(⁶)	(⁶)	(⁶)	25.47 18.24	8.6 5.7	35.6 33.5	(⁶) (⁶)	(⁶)	(⁶)
1-99 workers 100-499 workers 500 workers or more	20.29 17.53 24.24	9.2 4.5 7.8	30.1 36.9 38.2	20.26 16.73 24.25	9.3 4.5 9.9	30.1 36.9 38.6	_ 22.49 24.20	- 8.3 5.3	- 36.8 36.9

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. See appendix A for more information.

² 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 appendix A.

³ Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

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

based on productivity payments such as pleased in the productivity payments such as pleased on productivity payments such as pleased in the production of th

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

exclusive of overtime.

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

Table 2. Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Cedar Rapids, IA, December 2009

	T	otal	Full-time	workers	Part-time	e workers
Occupation ⁴ and level	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$20.52	4.0	\$21.82	4.3	\$13.22	16.7
Management occupations	38.71	9.3	38.71	9.3	_	_
Level 11	38.22	2.8	38.22	2.8	-	-
Business and financial operations occupations Level 9	28.47 34.15	11.5 4.0	29.11 34.42	11.4 3.5	- -	_
Computer and mathematical science occupations	26.95	3.4	26.95	3.4	-	_
Architecture and engineering occupations	33.08	8.3	33.08	8.3	_	_
Community and social services occupations Level 7	22.18 18.66	20.0 13.2	22.25 –	24.1 –	- -	_ _
Education, training, and library occupations	26.87	7.7	27.36	5.4	_	_
Level 4	13.28	4.9	_	[_	_
Level 9	31.69	2.2	31.38	1.5	-	_
Primary, secondary, and special education school		_				
teachers	31.45	.5	31.29	1.0	_	_
Level 9	32.04	1.9	31.74	1.1	_	_
Elementary and middle school teachers Level 9	30.49 30.88	1.0	30.88	.7	_	_
Elementary school teachers, except special education	31.04	1.9	30.88	1.4	_	_
Level 9	31.51	1.4	31.51	1.4		
Secondary school teachers	33.23	2.1	32.80	1.0	_	_
Level 9	33.23	2.1	32.80	1.0	-	_
vocational education	33.23	2.1	32.80	1.0	_	_
Level 9	33.23	2.1	32.80	1.0	-	_
Teacher assistants	13.51	.4	_	_	-	_
Healthcare practitioner and technical occupations	26.21	7.7	26.29	8.1	_	_
Level 9	24.76	2.4	24.80	2.6	_	_
Registered nurses	24.37	1.4	24.36	1.6	_	_
Level 9	24.37	1.4	24.36	1.6	_	_
Healthcare support occupations	11.85	4.2	11.97	3.9	_	_
Nursing, psychiatric, and home health aides	11.63	4.2	_	_	_	_
Nursing aides, orderlies, and attendants	11.64	4.6	_	_	_	_
Protective service occupations	28.60	14.0	31.00	17.4	_	_
Food preparation and serving related occupations Level 2	8.92 8.54	3.5 3.4	10.12 –	8.0	8.10 8.10	2.6 2.6
Building and grounds cleaning and maintenance						
occupations	14.98	10.9	16.36	8.7	_	_
Building cleaning workers	17.29	4.3	18.01	2.0	_	_
Janitors and cleaners, except maids and housekeeping cleaners	17.99	2.0	18.01	2.0	_	_
Sales and related occupations	15.91	9.4	20.10	14.1	9.05 9.05	1.0
IVEIGII SAICS WUINCIS	12.09	18.2	_	-	9.00	1.0
Office and administrative support occupations	15.23	3.8	15.65	2.9	11.34	6.5
Level 4	14.87	4.0	14.88	4.2	_	_
Not able to be leveled	13.48	11.3		_	_	_
Bookkeeping, accounting, and auditing clerks	15.02	3.5	15.02	3.5	_	_
Customer service representatives	13.76	13.7	14.54	12.4	_	_
Secretaries and administrative assistants	16.07	8.8	16.57	8.5	_	_
Construction and extraction occupations	20.58	4.9	20.58	4.9	_	_
Installation, maintenance, and repair occupations	25.51	12.4	22.05	4.0	_	l –

See footnotes at end of table.

Table 2. Civilian workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Cedar Rapids, IA, December 2009 — Continued

	To	otal	Full-time	workers	Part-time	workers
Occupation ⁴ and level	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Production occupations	\$17.59	6.1	\$18.73	7.3	\$11.59	11.0
Level 3	13.44	15.1	14.33	19.6	_	_
Level 5	18.33	4.0	18.33	4.0	_	_
Not able to be leveled	22.11	10.0	24.61	5.2	_	_
Computer control programmers and operators Computer-controlled machine tool operators, metal	22.43	.2	22.43	.2	-	_
and plastic	22.43	.2	22.43	.2	_	_
Miscellaneous production workers	16.25	12.2	17.34	10.6	_	_
Transportation and material moving occupations	15.10	15.7	16.53	15.0	8.36	2.9
Driver/sales workers and truck drivers	16.34	15.2	_	_	-	_

¹ Earnings are the straight-time hourly wages or salaries paid to employees.

occupation's rank within each factor. The points are summed to determine the

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Learnings 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, 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. See appendix A for more information.

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.

a 40-hour week is the minimum full-time schedule.

³ Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

overall level of the occupation. See appendix A for more information.

4 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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 appendix A.

Table 3. Private industry workers: Mean hourly earnings¹ for full-time and part-time workers² by work levels³, Cedar Rapids, IA, December 2009

	To	otal	Full-time	workers	Part-time workers		
Occupation ⁴ and level	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	
All workers	\$20.13	4.6	\$21.52	5.0	\$12.88	18.3	
Management occupations	38.65	9.5	38.65	9.5	_	_	
Business and financial operations occupations	28.47 34.15	11.5 4.0	29.11 34.42	11.4 3.5	-	-	
Computer and mathematical science occupations	26.45	3.3	26.45	3.3	_	_	
Architecture and engineering occupations	33.08	8.3	33.08	8.3	_	_	
Healthcare practitioner and technical occupations Level 9	26.00 24.23 24.23 24.23	7.9 1.3 1.3 1.3	26.08 - - -	8.3 - - -	- - - -	- - - -	
Healthcare support occupations Nursing, psychiatric, and home health aides Nursing aides, orderlies, and attendants	11.85 11.63 11.64	4.2 4.2 4.6	11.98 - -	4.0 - -	- - -	- - -	
Food preparation and serving related occupations	8.64 8.50	3.7 3.6	_ _	_ _	8.10 8.10	2.6 2.6	
Building and grounds cleaning and maintenance occupations	14.77	13.6	_	_	_	-	
Sales and related occupations	15.91 12.09	9.4 18.2	20.10 –	14.1 –	9.05 9.05	1.0 1.0	
Office and administrative support occupations Level 4 Bookkeeping, accounting, and auditing clerks Customer service representatives Secretaries and administrative assistants	15.21 14.87 15.02 13.76 16.03	4.1 4.2 3.5 13.7 10.2	15.66 14.88 15.02 14.54	3.0 4.5 3.5 12.4	11.22 - - - -	6.9 - - - -	
Construction and extraction occupations	20.58	4.9	20.58	4.9	_	_	
Installation, maintenance, and repair occupations	26.17	13.8	_	_	_	_	
Production occupations Level 3 Level 5 Not able to be leveled Computer control programmers and operators Computer-controlled machine tool operators, metal and plastic Miscellaneous production workers	17.40 13.44 18.33 22.11 22.43 22.43 16.25	6.2 15.1 4.0 10.0 .2 .2	18.55 14.33 18.33 24.61 22.43 22.43	7.5 19.6 4.0 5.2 .2	11.59 - - - - -	11.0 - - - - -	
Transportation and material moving occupations Driver/sales workers and truck drivers	14.92 16.34	16.7 15.2	16.37	15.9	- -	- -	

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. See appendix A for more information.

2 Employees are classified as working either a full-time or a part-time checklich based on the definition used by each catholich based on the second catholic based and the second catholic based on the second catholic base

occupation's rank within each factor. The points are summed to determine the

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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 Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

overall level of the occupation. See appendix A for more information.

4 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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 appendix A.

Table 4. State and local government workers: Mean hourly earnings1 for full-time and part-time workers2 by work levels3, Cedar Rapids, IA, December 2009

	To	otal	Full-time	workers	Part-time	e workers
Occupation ⁴ and level	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All workers	\$23.46	3.4	\$23.90	3.2	\$18.46	19.0
Community and social services occupations	31.09	20.2	31.09	20.2	_	_
Education, training, and library occupations	26.62	8.1	27.12	5.7	_	_
Level 4	13.28	4.9	_	_	_	_
Level 9	31.69	2.2	31.38	1.5	_	_
Primary, secondary, and special education school						
teachers	31.45	.5	31.29	1.0	_	_
Level 9	32.04	1.9	31.74	1.1	_	_
Elementary and middle school teachers	30.49	1.0	30.88	.7	_	_
Level 9	30.88	.7	30.88	.7	_	_
Elementary school teachers, except special						
education	31.04	1.9	31.51	1.4	_	_
Level 9	31.51	1.4	31.51	1.4	_	_
Secondary school teachers	33.23	2.1	32.80	1.0	_	_
Level 9	33.23	2.1	32.80	1.0	_	_
Secondary school teachers, except special and						
vocational education	33.23	21	32.80	1.0	_	_
Level 9	33.23	2.1	32.80	1.0	_	_
Teacher assistants	13.51	.4	-	-	-	_
Protective service occupations	30.29	14.2	31.00	17.4	_	_
Building and grounds cleaning and maintenance						
occupations	15.85	1.4	_	-	_	_
Office and administrative support occupations	15.39	11.1	15.61	10.6	_	_

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, holidays, nonproduction bonuses, and

occupation's rank within each factor. The points are summed to determine the

overall level of the occupation. See appendix A for more information.

4 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

² 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 Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

a sample estimate. For more information about RSEs, see appendix A.

Table 5. Civilian workers: Hourly wage percentiles¹, Cedar Rapids, IA, December 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$9.00	\$12.98	\$18.22	\$25.17	\$36.08
Management occupations	23.54	32.76	36.76	44.26	53.69
Business and financial operations occupations	19.23	21.16	29.51	36.26	36.26
Computer and mathematical science occupations	20.41	24.04	27.16	29.09	31.18
Architecture and engineering occupations	20.43	28.61	33.71	38.51	41.29
Community and social services occupations	12.98	15.18	21.77	24.56	40.36
Education, training, and library occupations Primary, secondary, and special education school	12.64	16.46	28.17	33.32	39.22
teachers	21.98	26.91	31.09	36.08	41.31
Elementary and middle school teachers Elementary school teachers, except special	22.35	26.18	29.36	34.62	39.54
education	23.41	27.40	30.25	34.93	39.60
Secondary school teachers	23.87	27.84	32.51	37.55	43.48
vocational education	23.87	27.84	32.51	37.55	43.48
Teacher assistants	9.81	11.57	13.60	15.85	16.46
Healthcare practitioner and technical occupations	15.71	20.05	23.61	26.23	45.67
Registered nurses	20.70	22.40	23.61	24.57	29.60
Healthcare support occupations	9.90	10.24	11.53	13.44	14.85
Nursing, psychiatric, and home health aides	9.90	10.15	11.26	12.41	14.85
Nursing aides, orderlies, and attendants	9.83	10.15	11.11	13.00	14.85
Protective service occupations	9.25	19.16	24.51	41.94	44.09
Food preparation and serving related occupations	7.25	8.00	8.50	9.50	11.70
Building and grounds cleaning and maintenance occupations	8.50	8.67	16.02	19.24	20.16
Building cleaning workers	11.49	15.86	19.24	19.24	20.16
Janitors and cleaners, except maids and	11.43	15.00	13.24	13.24	20.10
housekeeping cleaners	15.38	15.86	19.24	19.24	20.16
Sales and related occupations	8.25	8.50	12.00	22.35	29.24
Retail sales workers	8.00	8.31	9.25	12.00	29.24
Office and administrative support occupations	10.85	13.06	15.04	16.88	18.72
Bookkeeping, accounting, and auditing clerks	13.06	13.94	15.34	16.25	16.78
Customer service representatives	9.00	9.00	14.64	17.12	18.46
Secretaries and administrative assistants	11.58	12.57	15.54	17.30	25.00
Construction and extraction occupations	14.00	19.18	20.50	22.50	26.24
Installation, maintenance, and repair occupations	17.57	21.56	23.70	35.00	35.00
Production occupations	10.25	12.78	17.70	21.43	25.60
Computer control programmers and operators	19.35	21.43	21.43	25.60	25.60
Computer-controlled machine tool operators, metal	40.05	24.40	04.40	25.00	25.00
and plastic Miscellaneous production workers	19.35 10.86	21.43 10.86	21.43 17.64	25.60 18.31	25.60 25.60
Transportation and material moving ecoupations	7 5 5	9.50	14.55	20.10	22.27
Transportation and material moving occupations Driver/sales workers and truck drivers	7.55 9.26	8.50 13.25	14.55 14.55	20.19 19.40	22.37 22.37

¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time 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;

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

nonproduction bonuses; and tips. 2 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

Table 6. Private industry workers: Hourly wage percentiles1, Cedar Rapids, IA, December 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$8.67	\$12.78	\$17.80	\$24.57	\$35.00
Management occupations	23.54	32.76	36.76	44.26	53.69
Business and financial operations occupations	19.23	21.16	29.51	36.26	36.26
Computer and mathematical science occupations	20.41	24.04	27.16	29.09	30.76
Architecture and engineering occupations	20.43	28.61	33.71	38.51	41.29
Healthcare practitioner and technical occupations Registered nurses	15.71 20.70	20.05 22.26	23.20 23.61	24.87 24.57	45.67 29.31
Healthcare support occupations	9.90 9.90 9.83	10.30 10.15 10.15	11.53 11.26 11.11	13.44 12.41 13.00	14.85 14.85 14.85
Food preparation and serving related occupations	7.25	7.75	8.50	9.00	10.45
Building and grounds cleaning and maintenance occupations	8.37	8.67	19.24	19.24	20.16
Sales and related occupations	8.25 8.00	8.50 8.31	12.00 9.25	22.35 12.00	29.24 29.24
Office and administrative support occupations Bookkeeping, accounting, and auditing clerks Customer service representatives Secretaries and administrative assistants	10.85 13.06 9.00 11.18	13.22 13.94 9.00 12.57	15.14 15.34 14.64 15.03	16.80 16.25 17.12 17.20	18.31 16.78 18.46 25.00
Construction and extraction occupations	14.00	19.18	20.50	22.50	26.24
Installation, maintenance, and repair occupations	16.90	21.80	24.11	35.00	35.00
Production occupations Computer control programmers and operators Computer-controlled machine tool operators, metal and plastic Miscellaneous production workers		12.78 21.43 21.43 10.86	17.70 21.43 21.43 17.64	21.43 25.60 25.60 18.31	25.72 25.60 25.60 25.60
Transportation and material moving occupations Driver/sales workers and truck drivers	7.50 9.26	8.30 13.25	14.55 14.55	19.40 19.40	22.37 22.37

¹ Percentiles designate position in the earnings distribution and are ¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time 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. ² Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 7. State and local government workers: Hourly wage percentiles1, Cedar Rapids, IA, December 2009

Occupation ²	10	25	Median 50	75	90
All workers	\$11.84	\$15.22	\$21.64	\$30.56	\$39.65
Community and social services occupations	23.26	24.56	24.56	41.44	43.59
Education, training, and library occupations	12.64	16.46	27.84	33.51	39.29
teachers	21.98	26.91	31.09	36.08	41.31
Elementary and middle school teachers Elementary school teachers, except special	22.35	26.18	29.36	34.62	39.54
education	23.41	27.40	30.25	34.93	39.60
Secondary school teachers	23.87	27.84	32.51	37.55	43.48
vocational education	23.87	27.84	32.51	37.55	43.48
Teacher assistants	9.81	11.57	13.60	15.85	16.46
Protective service occupations	19.16	21.47	25.44	43.01	44.09
Building and grounds cleaning and maintenance occupations	13.45	15.86	15.86	16.27	17.89
Office and administrative support occupations	9.74	11.84	14.00	18.65	24.14

¹ Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time 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. 2 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 8. Full-time¹ civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Cedar Rapids, IA, December 2009

	Hourly ea	arnings ³	Wee	kly earnings	₅ 4	Annı	ual earnings	₅ 5
Occupation ²	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$21.82	\$19.50	\$876	\$793	40.1	\$44,359	\$40,019	2,033
Management occupations	38.71	36.76	1,586	1,599	41.0	82,486	83,160	2,131
Business and financial operations occupations	29.11	31.65	1,208	1,180	41.5	62,816	61,381	2,158
Computer and mathematical science occupations	26.95	27.16	1,078	1,087	40.0	55,924	56,501	2,075
Architecture and engineering occupations	33.08	33.71	1,323	1,349	40.0	68,811	70,123	2,080
Community and social services occupations	22.25	20.80	890	832	40.0	42,846	40,270	1,926
Education, training, and library occupations	27.36	28.57	1,058	1,127	38.7	42,441	44,530	1,551
Primary, secondary, and special education school teachers Elementary and middle school	31.29	30.85	1,243	1,227	39.7	47,741	46,700	1,526
teachers Elementary school teachers,	30.88	29.64	1,228	1,176	39.8	46,955	45,074	1,521
except special education Secondary school teachers Secondary school teachers,	31.51 32.80	30.57 32.33	1,253 1,306	1,214 1,287	39.7 39.8	47,806 49,572	46,053 48,497	1,517 1,511
except special and vocational education	32.80	32.33	1,306	1,287	39.8	49,572	48,497	1,511
Healthcare practitioner and technical occupations	26.29 24.36	23.20 23.61	1,022 959	894 944	38.9 39.3	52,627 49,504	44,970 49,100	2,002 2,032
Healthcare support occupations	11.97	11.53	463	446	38.7	23,969	23,192	2,002
Protective service occupations	31.00	25.95	1,240	1,038	40.0	64,480	53,976	2,080
Food preparation and serving related occupations	10.12	9.50	388	380	38.3	18,277	18,720	1,806
Building and grounds cleaning and maintenance occupations Building cleaning workers Janitors and cleaners, except maids and housekeeping cleaners	16.36 18.01	19.24 19.24 19.24	654 720 720	770 770 770	40.0 40.0 40.0	34,027 37,461 37,461	40,019 40,019 40,019	2,080 2,080 2,080
Sales and related occupations	20.10	14.07	804	563	40.0	41,803	29,274	2,080
Office and administrative support occupations Bookkeeping, accounting, and	15.65	15.48	622	614	39.8	32,368	31,907	2,068
auditing clerks Customer service representatives Secretaries and administrative	15.02 14.54	15.34 15.66	593 582	596 627	39.5 40.0	30,817 30,246	31,013 32,579	2,052 2,080
assistants	16.57	16.16	655	624	39.5	34,072	32,427	2,056
Construction and extraction occupations	20.58	20.50	823	820	40.0	37,214	33,280	1,808
Installation, maintenance, and repair occupations	22.05	22.45	882	898	40.0	45,863	46,696	2,080
Production occupations Computer control programmers and	18.73	18.31	751	732	40.1	39,041	38,085	2,085
operators	22.43	21.43	897	857	40.0	46,657	44,574	2,080

See footnotes at end of table.

Table 8. Full-time1 civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Cedar Rapids, IA, December 2009 — Continued

	Hourly earnings ³		Wee	kly earnings	₅ 4	Annual earnings ⁵		
Occupation ²	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Production occupations –Continued Computer-controlled machine tool operators, metal and plastic Miscellaneous production workers	\$22.43 17.34	\$21.43 17.77	\$897 693	\$857 711	40.0 40.0	\$46,657 36,060	\$44,574 36,962	2,080 2,080
Transportation and material moving occupations	16.53	14.55	722	832	43.7	37,301	43,264	2,256

¹ 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,

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of

5 Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

Bearnings 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, 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. See appendix A for more information. appendix A for more information.

4 Mean weekly earnings are the straight-time weekly wages or salaries

Table 9. Full-time1 private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Cedar Rapids, IA, December 2009

	Hourly ea	ırnings ³	Weel	kly earnings	54	Annual earnings ⁵			
Occupation ²	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours	
All workers	\$21.52	\$19.24	\$868	\$772	40.3	\$44,766	\$39,894	2,080	
Management occupations	38.65	36.76	1,584	1,599	41.0	82,382	83,160	2,132	
Business and financial operations occupations	29.11	31.65	1,208	1,180	41.5	62,816	61,381	2,158	
Computer and mathematical science occupations	26.45	27.16	1,058	1,087	40.0	55,019	56,501	2,080	
Architecture and engineering occupations	33.08	33.71	1,323	1,349	40.0	68,811	70,123	2,080	
Healthcare practitioner and technical occupations	26.08	23.00	1,017	865	39.0	52,868	44,970	2,027	
Healthcare support occupations	11.98	11.53	463	446	38.7	24,093	23,213	2,012	
Sales and related occupations	20.10	14.07	804	563	40.0	41,803	29,274	2,080	
Office and administrative support occupations Bookkeeping, accounting, and auditing clerks Customer service representatives	15.66 15.02 14.54	15.58 15.34 15.66	623 593 582	615 596 627	39.8 39.5 40.0	32,395 30,817 30,246	32,001 31,013 32,579	2,069 2,052 2,080	
Construction and extraction occupations	20.58	20.50	823	820	40.0	37,214	33,280	1,808	
Production occupations Computer control programmers and	18.55	18.19	744	727	40.1	38,676	37,829	2,085	
operators	22.43	21.43	897 897	857	40.0	46,657	44,574 44.574	2,080	
operators, metal and plastic Miscellaneous production workers	22.43 17.34	21.43 17.77	693	857 711	40.0 40.0	46,657 36,060	36,962	2,080	
Transportation and material moving occupations	16.37	14.55	717	819	43.8	37,057	42,565	2,263	

¹ 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,

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

where a 40-hour week is the minimum full-time schedule.

Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B 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, 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. See appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

overtime. Mean annual earnings are the straight-time annual wages or salaries near annual earnings are the straight-time armual wages of salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of

Table 10. Full-time¹ State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Cedar Rapids, IA, December 2009

	Hourly ea	ırnings ³	Weel	kly earnings	₅ 4	Annı	ual earnings	5
Occupation ²	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
All workers	\$23.90	\$22.22	\$932	\$889	39.0	\$41,960	\$41,706	1,755
Community and social services occupations	31.09	24.56	1,244	982	40.0	54,682	51,085	1,759
Education, training, and library occupations Primary, secondary, and special	27.12	28.10	1,046	1,108	38.6	41,778	43,581	1,541
education school teachers Elementary and middle school	31.29	30.85	1,243	1,227	39.7	47,741	46,700	1,526
teachers	30.88	29.64	1,228	1,176	39.8	46,955	45,074	1,521
except special education Secondary school teachers Secondary school teachers, except special and vocational	31.51 32.80	30.57 32.33	1,253 1,306	1,214 1,287	39.7 39.8	47,806 49,572	46,053 48,497	1,517 1,511
education	32.80	32.33	1,306	1,287	39.8	49,572	48,497	1,511
Protective service occupations	31.00	25.95	1,240	1,038	40.0	64,480	53,976	2,080
Office and administrative support occupations	15.61	14.00	618	560	39.6	32,137	29,120	2,059

 $^{^{1}}$ 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 worker with a 35-hour-per-week stiedler limit 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.

2 Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

5 Mean annual earnings are the straight-time annual wages or salaries

paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

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, 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. See

appendix A for more information.

⁴ Mean weekly earnings are the straight-time weekly wages or salaries

Appendix: Technical Note

Survey scope

This survey of the Cedar Rapids, IA, Metropolitan Statistical Area (MSA) covered establishments employing one worker or more in private goods-producing industries (mining, construction, and manufacturing); private serviceproviding industries (trade, transportation, and utilities, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services); State governments; and local governments. Agriculture, forestry, fishing and hunting, private households, and the Federal Government were excluded from the scope of the survey. 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 agency within the sampled area.

Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. 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.

Sample design

The sample for this survey area was selected using a twostage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability-proportional-to-size sample of establishments. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multistep process:

1. Probability-proportional-to-size selection of establishment jobs

- 2. Classification of jobs into occupations based on the 2000 Standard Occupational Classification (SOC) system
- 3. Characterization of jobs as full-time or part-time, union or nonunion, and time or incentive
- 4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers whose jobs could be characterized by the criteria identified in the last three steps. In step one, the jobs to be sampled were selected at each establishment by the BLS field economist. A complete list of employees was used for sampling, with each selected worker representing a job within 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. NCS uses the 2000 Standard Occupational Classification (SOC) system. A selected job may fall into any one of about 800 occupational classifications, from accountant to zoologist. When workers could be classified in more than one occupation, they were classified in the occupation that required the higher skill level. When there was no perceptible difference in skill level, the workers were classified in the occupation that described their primary activity.

Each occupational classification is an element of a broader classification known as a major group. Occupations can fall into any of 22 major groups. A complete list of all individual occupations, classified by the major group to which they belong, is available from BLS.

In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job and also identified as being in a union or a nonunion job.

Occupational leveling

In the last step before wage data were collected, the work level of each selected job was determined using a "point factor leveling" process. Point factor leveling matches certain aspects of a job to specific levels of work with assigned point values. Points for each factor are then totaled to determine the overall work level for the job.

The NCS program is in the process of converting from a nine-factor to a four-factor occupational leveling system. The conversion is being phased in via annual NCS sample replenishment groups and will require several years for full implementation. The four occupational leveling factors are:

- Knowledge
- Job controls and complexity
- Contacts (nature and purpose)
- Physical environment

Each factor consists of several levels, and each level has an associated description and assigned points. A know-ledge guide for 24 families of closely related occupations contains short definitions of the point levels of knowledge expected for the occupations and presents relevant examples. The other three factors use identical descriptions for all occupational categories and contain a definition of each point level within each factor.

The description within each factor best matching the job is chosen. The point levels within each factor are designed to describe the thresholds of distinct levels of work. When a job does not meet the full description of a point level, the next lowest point level is used. Points for the four factors are totaled to determine the overall work level. NCS publishes data for up to 15 work levels.

Most supervisory occupations are evaluated based on their duties and responsibilities. A modified approach is used for professional and administrative supervisors when they direct professional work and are paid primarily to supervise. Such supervisory occupations are leveled based on the work level of the highest position reporting to them.

For a complete description of point factor leveling, refer to the publication "National Compensation Survey: Guide for Evaluating Your Firm's Jobs and Pay," available at the BLS National Compensation Survey Internet site at http://www.bls.gov/ncs/ocs/sp/ncbr0004.pdf.

Collection period

Survey data were collected over a 14-month period for the larger areas in the NCS program. For the smaller areas, data were collected over a 5-month period. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (such as Christmas and profit-sharing bonuses)
- Uniform and tool allowances
- Free or subsidized room and board
- Payments made by third parties (for example, tips)
- On-call pay

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers who are exempt from overtime provisions often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate data for the individual establishments or occupations into the various data series.

If data were not provided by a sample member during the initial interview, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of data for the nonrespondents equals the mean value of data for the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group.

If average hourly earnings data were not provided by a sample member during the update interview, then missing average hourly earnings were imputed by multiplying prior average hourly earnings by the rate of change in the average hourly earnings of respondents. The regression model that takes into account available establishment characteristics is used to derive the rate of change in the average hourly earnings.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero.

Survey response

	Establish-
Total in sampling frame	ments 5 , 687
	,
Total in sample	79
Responding	63
Refused or unable to provide data	10
Out of business or not in survey scope	6

Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work.

The sample weight reflects the inverse of each unit's probability of selection at each sample selection stage and four weight adjustment factors. The first factor adjusts for establishment nonresponse and the second factor adjusts for occupational nonresponse. The third factor adjusts for any special situations that may have occurred during data collection. The fourth factor, post-stratification, also called benchmarking, is introduced to adjust estimated employment totals to the current counts of employment by industry. The latest available employment counts were used to derive average hourly earnings in this publication.

Not all calculated series met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

Data reliability

The data in this summary 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 variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. RSE data are provided alongside the earnings data in the summary tables.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$17.75, with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is from \$17.46 to \$18.04 (\$17.75 minus and plus \$0.29, where \$0.29 is the product of 1.645 times 1.0 percent times \$17.75). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data, computer edits of the data, and detailed data review.