# Salem, OR National Compensation Survey October 2009



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

This summary provides results of an October 2009 survey of occupational pay in the Salem, OR, Metropolitan Statistical Area (MSA). The MSA includes Marion and Polk 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**.

Material in this summary is in the public domain and, with appropriate credit, may be reproduced without permission. This information will be made available to sensory impaired individuals upon request. Voice phone: (202) 691–5200; Federal Relay Service 1–800–877–8339.

Table 1. Summary: Mean hourly earnings<sup>1</sup> and weekly hours for selected worker and establishment characteristics, Salem, OR, October 2009

		Civilian workers		Priv	vate industry workers			local govern workers	nment
Worker and establishment characteristics	Hourly e	arnings	Mean	Hourly e	arnings	Mean	Hourly e	arnings	Mean weekly hours <sup>3</sup>
	Mean	Relative error <sup>2</sup> (percent)	weekly hours <sup>3</sup>	Mean	Relative error <sup>2</sup> (percent)	weekly hours <sup>3</sup>	Mean	Relative error <sup>2</sup> (percent)	
All workers	\$18.17	5.8	37.1	\$15.57	7.8	36.1	\$24.73	1.6	39.7
Worker characteristics <sup>4,5</sup>									
Management, professional, and related	28.83	4.5	37.7	27.23	10.1	35.6	30.09	3.8	39.5
Management, business, and financial	29.61	3.1	40.0	24.86	5.0	40.0	31.89	2.5	40.0
Professional and related	28.44	6.3	36.6	28.00	12.5	34.4	28.88	4.3	39.2
Service	14.32	9.5	33.1	11.88	4.5	31.6	23.02	8.8	39.9
Sales and office	14.00	5.3	37.7	13.22	6.1	37.1	16.38	2.9	39.9
Sales and related	12.68	6.8	36.9	12.68	6.8	36.9	_	_	-
Office and administrative support	14.83	3.3	38.3	13.78	6.0	37.2	16.38	2.9	39.9
Natural resources, construction, and		0.0	00.0		0.0	0		2.0	00.0
maintenance	16.96	15.8	38.3	15.64	15.3	38.1	28.12	6.0	40.0
Construction and extraction	16.03	16.7	37.7	15.17	16.1	37.6		_	
Installation, maintenance, and repair	21.36	10.6	40.0	19.15	12.4	40.0	_	_	_
Production, transportation, and material	21.00	10.0	10.0	10.10		10.0			
moving	13.90	9.0	39.1	13.64	9.9	39.2	_	_	_
Production	14.06	11.1	38.2	14.06	11.1	38.2	_	_	_
Transportation and material moving	13.86	11.2	39.4	13.51	12.9	39.5	_	_	_
	10.00	1	00.1	10.01	12.0	00.0			
Full time	18.93	5.9	40.0	16.29	8.3	40.1	24.79	1.7	39.9
Part time	11.49	7.8	22.5	11.05	8.1	22.3	21.38	13.1	28.4
Union	21.79	2.6	39.0	_	_	_	22.43	1.8	39.8
Nonunion	16.96	7.7	36.5	15.58	8.2	36.3	34.23	5.4	39.2
Time	18.92	5.4	36.8	16.15	8.0	35.6	24.73	1.6	39.7
Incentive	12.74	8.8	38.8	12.74	8.8	38.8	-	-	-
Establishment characteristics									
Goods producing	( <sup>6</sup> )	(6)	(6)	_	_	_	( <sup>6</sup> )	(6)	(6)
Service providing	(6)	(6)	(6)	-	-	-	(6)	(6)	(6)
1-99 workers	14.09	6.2	35.5	13.43	5.1	35.3	25.78	8.7	40.0
100-499 workers	20.62	8.8	38.2	13.43	13.5	37.8	23.78	3.3	39.2
500 workers or more	20.02	2.7	30.2 39.6	22.62	8.8	39.0	23.50	1.9	39.2
	24.37	2.1	39.0	22.02	0.0	39.0	24.30	1.3	39.1

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. <sup>2</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A. <sup>3</sup> Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

exclusive of overtime.

<sup>4</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on

hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production

based on productivity payments such as piece rates, continuestons, and production bonuses.
 <sup>5</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.
 <sup>6</sup> Estimates for goods-producing and service-providing industries are published for private industry only. Industries are determined by the 2007 North American Industry Classification System (NAICS).

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 2. Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Salem, OR, October 2009

	Т	otal	Full-time	e workers	Part-time workers		
Occupation <sup>4</sup> and level	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	
II workers	\$18.17	5.8	\$18.93	5.9	\$11.49	7.8	
Management occupations	36.15	4.6	36.48	5.0	_	_	
Level 9	35.72	2.7	35.72	2.7	_	_	
Level 11	37.70	10.2	37.70	10.2	-	-	
Not able to be leveled	38.46	6.3	-	-	-		
General and operations managers	37.25	4.9	37.25	4.9	-	-	
Level 11	41.98	1.0	41.98	1.0	-	-	
Business and financial operations occupations	24.19	4.9	24.19	4.9			
Level 6	23.25	10.4	23.25	10.4	_	_	
Level 7	21.74	7.7	21.74	7.7	_	_	
Level 9	28.85	5.1	28.85	5.1	_	_	
Accountants and auditors	26.26	1.8	26.26	1.8	-	-	
Computer and mathematical science occupations	29.37	6.8	29.37	6.8	-	-	
Computer support specialists	25.83	3.0	25.83	3.0	-	-	
Community and social services occupations	20.36	7.7	22.35	5.9	-	-	
Education, training, and library occupations	31.40	8.1	32.09	8.5	_	_	
Level 9	36.12	2.8	36.12	2.8	-	-	
Primary, secondary, and special education school							
teachers	36.21	1.0	36.28	1.2	-	-	
Level 9	36.64	2.4	36.64	2.4	-	-	
Elementary and middle school teachers	35.90	.4	36.01	.0	-	-	
Level 9 Elementary school teachers, except special	36.12	.4	36.12	.4	-	-	
education	35.11	2.9	35.25	3.4	_	_	
Level 9	35.36	4.0	35.36	4.0	-	-	
Healthcare practitioner and technical occupations	34.08	7.0	34.46	6.5	-	-	
Level 9	40.23 34.41	3.3 4.3	40.28	3.4 4.1	-	-	
Registered nurses	34.41	4.3	33.73 33.73	4.1	_	_	
	01.11		00.70				
Healthcare support occupations	14.18	6.1	15.01	3.2	-	-	
Miscellaneous healthcare support occupations	14.11	8.7	-	-	-	-	
Medical assistants	14.97	6.2	-	-	-	-	
Protective service occupations	28.03	13.3	28.03	13.3	-	-	
Food preparation and serving related occupations	11.27	2.2	_	_	_	_	
Building and grounds cleaning and maintenance occupations	14.26	13.8	14.26	13.8			
Building cleaning workers	14.26	13.8	14.26	13.8	_	_	
Janitors and cleaners, except maids and	14.20	13.0	14.20	13.0	-	_	
housekeeping cleaners	15.63	10.2	15.63	10.2	-	-	
Sales and related occupations	12.68	6.8	13.30	8.4	9.85	1.7	
Not able to be leveled	12.08	12.4	13.30	0.4 12.4	5.00		
Retail sales workers	11.37	2.7	-		-	-	
Cashiers, all workers	11.29	4.9	-		-	-	
Cashiers	11.29	4.9	-	-	-	-	
Office and administrative support occupations	14.83	3.3	15.10	3.2	_	_	
Level 3	12.83	4.3	13.10	3.7	-	-	
Level 4	15.39	2.5	15.39	2.5	-	-	
Level 5	17.80	3.6	17.63	3.6	-	-	
Level 6	20.13	6.2	20.13	6.2	-		
Not able to be leveled	11.18	9.4	11.67	11.9	-	-	
Financial clerks	16.33	5.5	16.67	3.9	-	-	
Bookkeeping, accounting, and auditing clerks	17.80	6.1	17.80	6.1	-	-	
Secretaries and administrative assistants	17.43	4.4	17.43	4.4 3.2	-	-	
Executive secretaries and administrative assistants	17.40 17.61	3.2 5.2	17.40 17.61	3.2 5.2	_	-	
Every secretaries and annumbuduve assistants	17.01	J.Z	17.01	5.2	_	I –	

See footnotes at end of table.

	Тс	otal	Full-time	workers	Part-time	e workers
Occupation <sup>4</sup> and level	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Office and administrative support occupations -Continued						
Executive secretaries and administrative assistants						
-Continued						
Level 5	\$17.50	3.2	\$17.50	3.2	-	
Office clerks, general	14.23	3.2	14.09	1.5	-	-
Level 3	13.62	3.7	13.62	3.7	-	
Level 4	15.07	1.2	15.07	1.2	-	-
Construction and extraction occupations	16.03	16.7	16.40	15.9	_	_

21.36

14.06

13.86

11.11

14.38

10.6

11.1

11.2

19.1

15.3

21.36

14.01

14.11

14.60

Table 2. Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Salem, OR, October 2009 — Continued

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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.

Level 2 .....

Installation, maintenance, and repair occupations ......
Production occupations

Transportation and material moving occupations ......

Driver/sales workers and truck drivers .....

<sup>2</sup> 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 4Q-hour week is the minimum full-time schedule.

employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule. <sup>3</sup> 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 occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

10.6

11.9

11.8

15.8

\_

\_

<sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information. <sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 3. Private industry workers: Mean hourly earnings <sup>1</sup> for full-time and part-time workers <sup>2</sup> by work levels <sup>3</sup> , Salem,	
OR, October 2009	

	Т	otal	Full-time	e workers	Part-tim	e workers
Occupation <sup>4</sup> and level	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
All workers	\$15.57	7.8	\$16.29	8.3	\$11.05	8.1
Healthcare practitioner and technical occupations	34.22	7.5	34.63	6.8	_	-
Level 9	40.35	3.3	40.40	3.4	-	-
Healthcare support occupations	13.91	7.1	14.87	4.0	_	-
Miscellaneous healthcare support occupations	14.11	8.7	-	-	-	-
Medical assistants	14.97	6.2	-	-	-	-
Food preparation and serving related occupations	11.15	2.2	-	-	-	-
Sales and related occupations	12.68	6.8	13.30	8.4	9.85	1.7
Not able to be leveled	12.92	12.4	13.28	12.4	-	-
Retail sales workers	11.37	2.7	_	-	-	-
Cashiers, all workers	11.29	4.9	_	-	_	_
Cashiers	11.29	4.9	-	-	-	-
Office and administrative support occupations	13.78	6.0	14.22	5.7	_	-
Level 3	12.52	6.1	12.89	5.2	-	-
Level 4	15.33	3.3	15.33	3.3	-	-
Not able to be leveled	11.11	9.5	11.60	11.9	_	_
Financial clerks	15.89	6.7	16.25	4.8	-	-
Construction and extraction occupations	15.17	16.1	15.50	15.5	-	-
Installation, maintenance, and repair occupations	19.15	12.4	19.15	12.4	-	-
Production occupations	14.06	11.1	14.01	11.9	-	-
Transportation and material moving occupations Driver/sales workers and truck drivers	13.51 14.39	12.9 15.4	13.76	13.4	-	

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees.

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. <sup>2</sup> 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

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

overall level of the occupation. See appendix A for more information. <sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information. <sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

	Тс	otal	Full-time	workers	Part-time	e workers
Occupation <sup>4</sup> and level	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
All workers	\$24.73	1.6	\$24.79	1.7	\$21.38	13.1
Management occupations	37.02	3.2	37.48	3.6	-	-
Level 9	35.72	2.7	35.72	2.7	-	_
Level 11	42.15	.7	42.15	.7	_	_
General and operations managers	37.25	4.9	37.25	4.9	_	_
Level 11	41.98	1.0	41.98	1.0	-	-
Business and financial operations occupations	26.25	3.8	26.25	3.8	_	_
Level 6	23.70	10.3	23.70	10.3	_	_
Level 7	24.98	3.6	24.98	3.6	_	_
Level 9	29.18	5.8	29.18	5.8	_	_
Accountants and auditors	26.83	1.2	26.83	1.2	_	_
	20.03	1.2	20.03	1.2	_	_
Computer and mathematical science occupations	29.37	6.8	29.37	6.8	-	-
Computer support specialists	25.83	3.0	25.83	3.0	-	-
Community and social services occupations	23.14	6.0	23.14	6.0	-	-
Education, training, and library occupations	30.07	7.8	30.73	8.3	_	_
Level 9	36.12	2.8	36.12	2.8	-	-
Primary, secondary, and special education school						
teachers	36.21	1.0	36.28	1.2	-	-
Level 9	36.64	2.4	36.64	2.4	-	-
Elementary and middle school teachers	35.90	.4	36.01	.0	-	-
Level 9 Elementary school teachers, except special	36.12	.4	36.12	.4	-	-
education	35.11	2.9	35.25	3.4	_	_
Level 9	35.36	4.0	35.36	4.0	-	-
Protective service occupations	29.17	14.6	29.17	14.6	-	-
Office and administrative support occupations	16.38	2.9	16.29	2.9	_	_
Level 3	13.54	6.0	13.54	6.0	_	_
Level 4	15.44	3.9	15.44	3.9	_	_
Level 5	18.13	2.9	17.84	2.5	_	_
Level 6	21.45	1.6	21.45	1.6	_	_
Secretaries and administrative assistants	18.42	2.1	18.42	2.1	_	_
Level 5	17.40	3.2	17.40	3.2	_	_
Executive secretaries and administrative assistants	18.61	3.0	18.61	3.0	_	_
Level 5	17.50	3.2	17.50	3.2	_	_
Office clerks, general	14.52	2.9	14.15	1.5	_	_
Level 3	13.76	3.7	13.76	3.7	_	_
Level 4	15.07	1.2	15.07	1.2	_	_
	15.07	1.2	10.07	1.2	_	_

Table 4. State and local government workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Salem, OR, October 2009

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and

The perintum pay for overtime, vacanons, nonaxys, nonproduction bonuess, 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. <sup>2</sup> Employees are classified as working either a full-time or a partime 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 Sofiour-perweek sciedule might be considered a internet employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule. <sup>3</sup> 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

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information. <sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information. <sup>5</sup> The relative standard error (RSE) is the standard error expressed as a

percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

SOURCE: Bureau of Labor Statistics, National Compensation Survey

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Management occupations         21.64         29.72         38.39         42.41         45.42           General and operations managers         21.64         29.72         39.75         42.41         48.22           Business and financial operations occupations         16.88         19.30         23.59         28.55         22.93           Computer and mathematical science occupations         19.63         25.69         25.44         30.75         40.44           Computer and mathematical science occupations         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school teachers         27.00         34.27         38.42         39.75         40.66           Elementary and middle school teachers, except special education         24.90         37.15         38.42         38.42         38.42           education         24.64         36.77         40.86         36.73         41.17         48.45           Healthcare practitioner and technical occupations         11.50         12.89         14.65         16.21         16.71           Medical assistantis         11.50         12.89	Occupation <sup>2</sup>	10	25	Median 50	75	90
General and operations managers         26.94         29.72         39.75         42.41         48.22           Business and financial operations occupations         16.88         19.30         23.59         28.55         29.93           Computer and mathematical science occupations         19.52         21.50         28.55         29.93         29.93           Computer and mathematical science occupations         19.63         25.69         25.92         31.42           Community and social services occupations         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school         27.00         34.27         38.42         39.75         39.75           Elementary school teachers         24.90         37.15         38.42	All workers	\$9.25	\$11.45	\$15.00	\$20.86	\$32.31
General and operations managers         26.94         29.72         39.75         42.41         48.22           Business and financial operations occupations         16.88         19.30         23.59         28.55         29.93           Computer and mathematical science occupations         19.52         21.50         28.55         29.93         29.93           Computer and mathematical science occupations         19.63         25.69         25.92         31.42           Community and social services occupations         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school         27.00         34.27         38.42         39.75         39.75           Elementary school teachers         24.90         37.15         38.42	Management occupations	21 64	29.72	38.39	42 41	45 42
Accountants and auditors         19.52         21.50         28.55         29.93         29.93           Computer and mathematical science occupations         19.63         25.69         26.14         36.06         40.57           Computer support specialists         19.70         24.96         25.69         25.192         31.42           Community and social services occupations         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Elementary and middle school teachers         24.90         37.15         38.42         39.75         40.66           Elementary and middle school teachers         24.90         37.15         38.42         38.42         38.42           education         22.16         34.27         38.42         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses			-			-
Accountants and auditors         19.52         21.50         28.55         29.93         29.93           Computer and mathematical science occupations         19.63         25.69         26.14         36.06         40.57           Computer support specialists         19.70         24.96         25.69         25.192         31.42           Community and social services occupations         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Elementary and middle school teachers         24.90         37.15         38.42         39.75         40.66           Elementary and middle school teachers         24.90         37.15         38.42         38.42         38.42           education         22.16         34.27         38.42         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses	Rusiness and financial exerctions accurations	16 00	10.20	22.50	29 55	22.20
Computer support specialists         19.70         24.96         25.69         25.92         31.42           Community and social services occupations         17.31         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school         27.00         34.27         38.42         39.75         39.75           Elementary school teachers         22.16         34.27         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         9.00         11.50         16.21         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50						
Computer support specialists         19.70         24.96         25.69         25.92         31.42           Community and social services occupations         17.31         17.31         17.31         19.55         22.13         26.18           Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school         27.00         34.27         38.42         39.75         39.75           Elementary school teachers         22.16         34.27         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         9.00         11.50         16.21         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50	Computer and mathematical science occupations	19.63	25.69	26.14	36.06	40.57
Education, training, and library occupations         18.58         21.50         29.44         39.75         40.66           Primary, secondary, and special education school teachers         27.00         34.27         38.42         39.75         40.66           Elementary and middle school teachers, except special education         27.00         34.27         38.42         39.75         40.66           Elementary school teachers, except special education         22.16         34.27         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.71           Micical assistants         11.50         14.13         15.00         16.21         16.21         16.71           Protective service occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenace occupations         9.00         10.45         11.95         14.49         16.87           Sales and related occupations         9.00 <t< td=""><td>Computer support specialists</td><td>19.70</td><td>24.96</td><td>25.69</td><td>25.92</td><td>31.42</td></t<>	Computer support specialists	19.70	24.96	25.69	25.92	31.42
Primary, secondary, and special education school teachers.         27.00 34.27         38.42 38.42         39.75 39.75         40.66 40.67           Elementary and middle school teachers.         24.90 37.15         38.42         39.75 39.75         40.66 39.75           Elementary school teachers.         22.16         34.27 38.42         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67 28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89 14.65         16.21         16.76           Miscellaneous healthcare support occupations         11.50         11.50         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building deaning workers         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         8.75         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.45         11.95         14.45	Community and social services occupations	17.31	17.31	19.55	22.13	26.18
teachers         27.00         34.27         38.42         39.75         40.66           Elementary and middle school teachers, except special education         22.16         34.27         38.42         39.75         39.75           Elementary school teachers, except special education         22.16         34.27         38.42         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         9.00         11.50         15.00         16.21         16.21           Medical assistants         11.50         14.13         15.00         16.21         16.21           Protective service occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         8.75         9.50         10.42         12.49         16.87           Sales and related occupations         8.75         9.50         10.45         14.49         16.87           Building and grounds cleaning and maintenance occupations         8.75         9.50         10.42         12.75		18.58	21.50	29.44	39.75	40.66
Elemenfary school teachers, except special education         22.16         34.27         38.42         38.42           Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         11.50         14.13         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         8.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.60         13.25         14		27.00	34.27	38.42	39.75	40.66
Healthcare practitioner and technical occupations         18.67         24.08         36.73         41.17         48.35           Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         11.50         11.50         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Juanitors and cleaners, except maids and housekeeping cleaners         12.04         16.87         18.46         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         11.72         14.88         16.99         19.63		24.90	37.15	38.42	39.75	39.75
Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         9.00         11.50         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         12.04         16.87         18.46         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers, all workers         17.72         14.88         16.99         19.63           Fina	education	22.16	34.27	38.42	38.42	38.42
Registered nurses         28.40         29.54         34.41         39.21         42.14           Healthcare support occupations         11.50         12.89         14.65         16.21         16.76           Miscellaneous healthcare support occupations         9.00         11.50         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         12.04         16.87         18.46         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers, all workers         17.72         14.88         16.99         19.63           Fina	Healthcare practitioner and technical occupations	18.67	24.08	36.73	41.17	48.35
Miscellaneous healthcare support occupations         9.00         11.50         14.13         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         10.25         12.24         16.87         18.55         19.63         19.63           Financial clerks         15.50         10.82         12.75         14.55         14.55           Office and administrative support occupations         11.25         12.28         14.88         16.99         19.63						
Miscellaneous healthcare support occupations         9.00         11.50         14.13         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         9.00         10.45         11.95         14.49         16.85           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         10.25         12.24         16.87         14.55         14.55           Cashiers         10.26         10.26         10.26         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63<	Healthcare support occupations	11.50	12.89	14.65	16.21	16.76
Medical assistants         11.50         14.13         15.00         16.21         16.21           Protective service occupations         17.30         20.43         23.69         30.94         54.83           Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         9.00         10.45         11.95         14.49         16.87           Cashiers, all workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers, all workers         11.72         14.88         16.99         19.63           Financial clerks         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00		9.00	11.50	15.00	16.21	16.21
Food preparation and serving related occupations         8.32         9.00         10.50         12.49         16.04           Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Bookkeeping, accounting, and auditing clerks         15.50         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         17.17         19.53         20.86           Construction and extraction occupations         10.55         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         10.50         11.05		11.50	14.13	15.00	16.21	16.21
Building and grounds cleaning and maintenance occupations         10.28         10.69         12.04         16.87         18.46           Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         12.04         16.87         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.85           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         10.25         12.28         14.88         16.99         19.63           Financial clerks         11.72         14.88         15.50         19.63         19.63           Secretaries and administrative assistants         15.50         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         10.50         11.05         12.40         17.50         29.74           Installat	Protective service occupations	17.30	20.43	23.69	30.94	54.83
occupations         10.28         10.69         12.04         16.87         18.46           Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         12.04         12.04         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         8.50         9.00         10.60         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Financial clerks         15.50         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         16.47         19.53         20.86           Office clerks, general         10.50         11.06         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11	Food preparation and serving related occupations	8.32	9.00	10.50	12.49	16.04
Building cleaning workers         10.28         10.69         12.04         16.87         18.46           Janitors and cleaners, except maids and housekeeping cleaners         12.04         12.04         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.87           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         8.50         9.00         10.60         13.25         14.55           Cashiers         8.50         9.00         10.60         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Financial clerks         15.50         15.50         15.50         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         17.17         19.53         20.86           Office clerks, general         11.06         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05 </td <td></td> <td>10.28</td> <td>10.60</td> <td>12.04</td> <td>16.97</td> <td>19.46</td>		10.28	10.60	12.04	16.97	19.46
Janitors and cleaners, except maids and housekeeping cleaners       12.04       12.04       16.87       16.87       18.46         Sales and related occupations       9.00       10.45       11.95       14.49       16.85         Retail sales workers       8.75       9.50       10.82       12.75       14.55         Cashiers, all workers       8.50       9.00       10.60       13.25       14.55         Cashiers       8.50       9.00       10.60       13.25       14.55         Office and administrative support occupations       10.25       12.28       14.88       16.99       19.63         Financial clerks       11.72       14.88       15.50       19.63       19.63       19.63         Bookkeeping, accounting, and auditing clerks       15.50       15.50       17.00       19.63       19.63         Secretaries and administrative assistants       15.00       15.00       17.17       19.53       20.86         Office clerks, general       11.06       12.28       14.17       15.55       16.99         Construction and extraction occupations       10.50       11.05       12.40       17.50       29.74         Installation, maintenance, and repair occupations       13.00       17.30       21.50 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>				-		
housekeeping cleaners         12.04         12.04         16.87         16.87         18.46           Sales and related occupations         9.00         10.45         11.95         14.49         16.85           Retail sales workers         8.75         9.50         10.82         12.75         14.55           Cashiers, all workers         8.50         9.00         10.60         13.25         14.55           Cashiers         11.72         14.88         16.99         19.63           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Sockkeeping, accounting, and auditing clerks         11.72         14.88         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         10.50         11.06         12.28         14.17         15.55         16.99           Office clerks, general         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31		10.20	10.09	12.04	10.07	10.40
Retail sales workers       8.75       9.50       10.82       12.75       14.55         Cashiers, all workers       8.50       9.00       10.60       13.25       14.55         Cashiers       8.50       9.00       10.60       13.25       14.55         Office and administrative support occupations       10.25       12.28       14.88       16.99       19.63         Financial clerks       11.72       14.88       15.50       19.63       19.63       19.63         Bookkeeping, accounting, and auditing clerks       15.50       15.50       17.00       19.63       19.63         Secretaries and administrative assistants       15.50       15.00       16.47       19.53       20.86         Office clerks, general       11.06       12.28       14.17       15.55       16.99         Construction and extraction occupations       10.50       11.05       12.40       17.50       29.74         Installation, maintenance, and repair occupations       13.00       17.30       21.50       26.50       29.31         Production occupations       11.00       11.45       14.00       17.00       17.46         Transportation and material moving occupations       9.09       9.74       12.65       18.05		12.04	12.04	16.87	16.87	18.46
Retail sales workers       8.75       9.50       10.82       12.75       14.55         Cashiers, all workers       8.50       9.00       10.60       13.25       14.55         Cashiers       8.50       9.00       10.60       13.25       14.55         Office and administrative support occupations       10.25       12.28       14.88       16.99       19.63         Financial clerks       11.72       14.88       15.50       19.63       19.63       19.63         Bookkeeping, accounting, and auditing clerks       15.50       15.50       17.00       19.63       19.63         Secretaries and administrative assistants       15.00       15.00       16.47       19.53       20.86         Office clerks, general       11.06       12.28       14.17       15.55       16.99         Construction and extraction occupations       10.50       11.05       12.40       17.50       29.74         Installation, maintenance, and repair occupations       13.00       17.30       21.50       26.50       29.31         Production occupations       11.00       11.45       14.00       17.00       17.46         Transportation and material moving occupations       9.09       9.74       12.65       18.05	Sales and related occupations	9.00	10.45	11.95	14.49	16.85
Cashiers         8.50         9.00         10.60         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Financial clerks         11.72         14.88         15.50         19.63         19.63           Bookkeeping, accounting, and auditing clerks         15.50         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         10.50         15.00         17.17         19.53         20.86           Office clerks, general         10.60         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64						
Cashiers         8.50         9.00         10.60         13.25         14.55           Office and administrative support occupations         10.25         12.28         14.88         16.99         19.63           Financial clerks         11.72         14.88         15.50         19.63         19.63           Bookkeeping, accounting, and auditing clerks         15.50         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         10.50         15.00         17.17         19.53         20.86           Office clerks, general         10.60         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64		8.50	9.00	10.60		14.55
Financial clerks       11.72       14.88       15.50       19.63       19.63         Bookkeeping, accounting, and auditing clerks       15.50       15.50       17.00       19.63       19.63         Secretaries and administrative assistants       15.00       15.00       16.47       19.53       20.86         Executive secretaries and administrative assistants       15.00       15.00       17.17       19.53       20.86         Office clerks, general       11.06       12.28       14.17       15.55       16.99         Construction and extraction occupations       10.50       11.05       12.40       17.50       29.74         Installation, maintenance, and repair occupations       13.00       17.30       21.50       26.50       29.31         Production occupations       11.00       11.45       14.00       17.00       17.46         Transportation and material moving occupations       9.09       9.74       12.65       18.05       20.64						
Bookkeeping, accounting, and auditing clerks         15.50         17.00         19.63         19.63           Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         15.00         15.00         17.17         19.53         20.86           Office clerks, general         11.06         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Office and administrative support occupations	10.25	12.28	14.88	16.99	19.63
Secretaries and administrative assistants         15.00         15.00         16.47         19.53         20.86           Executive secretaries and administrative assistants         15.00         15.00         17.17         19.53         20.86           Office clerks, general         11.06         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Financial clerks	11.72	14.88	15.50	19.63	19.63
Executive secretaries and administrative assistants       15.00       17.17       19.53       20.86         Office clerks, general       11.06       12.28       14.17       15.55       16.99         Construction and extraction occupations       10.50       11.05       12.40       17.50       29.74         Installation, maintenance, and repair occupations       13.00       17.30       21.50       26.50       29.31         Production occupations       11.00       11.45       14.00       17.00       17.46         Transportation and material moving occupations       9.09       9.74       12.65       18.05       20.64	Bookkeeping, accounting, and auditing clerks	15.50	15.50	17.00	19.63	19.63
Office clerks, general         11.06         12.28         14.17         15.55         16.99           Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64		15.00	15.00	-	19.53	20.86
Construction and extraction occupations         10.50         11.05         12.40         17.50         29.74           Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Executive secretaries and administrative assistants	15.00	15.00	17.17	19.53	20.86
Installation, maintenance, and repair occupations         13.00         17.30         21.50         26.50         29.31           Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Office clerks, general	11.06	12.28	14.17	15.55	16.99
Production occupations         11.00         11.45         14.00         17.00         17.46           Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Construction and extraction occupations	10.50	11.05	12.40	17.50	29.74
Transportation and material moving occupations         9.09         9.74         12.65         18.05         20.64	Installation, maintenance, and repair occupations	13.00	17.30	21.50	26.50	29.31
	Production occupations	11.00	11.45	14.00	17.00	17.46
	Transportation and material moving occupations	9 09	9 74	12.65	18.05	20.64
	Driver/sales workers and truck drivers	9.09	9.18	14.89	19.35	20.93

#### Table 5. Civilian workers: Hourly wage percentiles1, Salem, OR, October 2009

<sup>1</sup> 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. 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 information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Occupation <sup>2</sup>	10	25	Median 50	75	90
All workers	\$9.00	\$10.82	\$13.01	\$16.85	\$22.94
Healthcare practitioner and technical occupations	18.58	22.66	37.66	42.87	48.35
Healthcare support occupations Miscellaneous healthcare support occupations Medical assistants	9.00 9.00 11.50	11.57 11.50 14.13	14.73 15.00 15.00	16.21 16.21 16.21	16.21 16.21 16.21
Food preparation and serving related occupations	8.32	9.00	10.50	12.49	16.04
Sales and related occupations Retail sales workers Cashiers, all workers Cashiers	9.00 8.75 8.50 8.50	10.45 9.50 9.00 9.00	11.95 10.82 10.60 10.60	14.49 12.75 13.25 13.25	16.85 14.55 14.55 14.55
Office and administrative support occupations Financial clerks	9.49 11.72	11.02 14.88	14.56 15.50	15.67 17.00	17.00 19.63
Construction and extraction occupations	10.32	11.05	11.05	15.50	29.59
Installation, maintenance, and repair occupations	13.00	13.00	20.50	23.50	26.50
Production occupations	11.00	11.45	14.00	17.00	17.46
Transportation and material moving occupations Driver/sales workers and truck drivers	8.67 9.09	9.74 9.18	12.65 14.89	14.89 19.35	20.72 20.93

#### Table 6. Private industry workers: Hourly wage percentiles<sup>1</sup>, Salem, OR, October 2009

<sup>1</sup> 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. 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 information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Occupation <sup>2</sup>	10	25	Median 50	75	90
All workers	\$13.93	\$17.25	\$22.13	\$29.93	\$39.75
Management occupations	25.74	31.25	39.75	42.37	45.98
General and operations managers	26.94	29.72	39.75	42.41	48.22
Business and financial operations occupations	19.52	22.52	26.49	29.93	32.28
Accountants and auditors	20.99	22.52	28.55	29.93	29.93
Computer and mathematical science occupations	19.63	25.69	26.14	36.06	40.57
Computer support specialists	19.70	24.96	25.69	25.92	31.42
Community and social services occupations	18.67	21.25	22.13	26.18	27.92
Education, training, and library occupations Primary, secondary, and special education school	18.43	21.50	29.17	38.42	40.66
teachers	27.00	34.27	38.42	39.75	40.66
Elementary and middle school teachers Elementary school teachers, except special	24.90	37.15	38.42	39.75	39.75
education	22.16	34.27	38.42	38.42	38.42
Protective service occupations	17.78	22.43	24.82	31.66	54.83
Office and administrative support occupations	12.28	13.73	15.57	18.70	20.86
Secretaries and administrative assistants	14.27	16.24	18.67	20.86	20.86
Executive secretaries and administrative assistants	14.91	16.47	18.67	20.86	20.86
Office clerks, general	11.42	12.77	14.17	15.56	16.99

#### Table 7. State and local government workers: Hourly wage percentiles<sup>1</sup>, Salem, OR, October 2009

<sup>1</sup> 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. 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 information.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 8. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Salem, OR, October 2009

	Hourly ea	arnings <sup>3</sup>	Wee	kly earning	54	Ann	ual earnings	5
Occupation <sup>2</sup>	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annua hours
All workers	\$18.93	\$15.50	\$758	\$622	40.0	\$38,422	\$32,240	2,030
Management occupations General and operations managers	36.48 37.25	39.75 39.75	1,459 1,490	1,590 1,590	40.0 40.0	75,866 77,486	82,674 82,674	2,079 2,080
Business and financial operations occupations Accountants and auditors	24.19 26.26	23.59 28.55	968 1,050	944 1,142	40.0 40.0	50,322 54,617	49,071 59,392	2,080 2,080
Computer and mathematical science occupations Computer support specialists	29.37 25.83	26.14 25.69	1,170 1,033	1,037 1,028	39.8 40.0	60,296 53,735	53,920 53,431	2,053 2,080
Community and social services occupations	22.35	22.13	894	885	40.0	46,491	46,037	2,080
Education, training, and library occupations Primary, secondary, and special	32.09	33.00	1,279	1,319	39.9	53,100	55,073	1,655
education school teachers Elementary and middle school teachers	36.28 36.01	38.42 38.42	1,451 1,441	1,537 1,537	40.0 40.0	55,581 55,159	59,015 59,015	1,532 1,532
Elementary school teachers, except special education	35.25	38.42	1,410	1,537	40.0	53,982	59,015	1,531
Healthcare practitioner and technical occupations Registered nurses	34.46 33.73	37.56 32.93	1,357 1,326	1,506 1,304	39.4 39.3	70,563 68,945	78,335 67,829	2,048 2,044
Healthcare support occupations	15.01	15.00	595	600	39.6	30,931	31,200	2,060
Protective service occupations	28.03	23.69	1,121	948	40.0	58,309	49,275	2,080
Building and grounds cleaning and maintenance occupations Building cleaning workers Janitors and cleaners, except	14.26 14.26	12.04 12.04	570 570	482 482	40.0 40.0	29,522 29,522	25,043 25,043	2,071 2,071
maids and housekeeping cleaners	15.63	16.87	625	675	40.0	32,312	35,098	2,067
Sales and related occupations	13.30	12.34	532	494	40.0	27,665	25,667	2,080
Office and administrative support occupations Financial clerks Bookkeeping, accounting, and	15.10 16.67	14.92 16.15	602 667	595 646	39.8 40.0	31,256 34,663	30,955 33,600	2,069 2,080
auditing clerks Secretaries and administrative	17.80	17.00	712	680	40.0	37,011	35,360	2,080
assistants Executive secretaries and administrative assistants	17.43 17.61	16.47 17.17	697 704	659 687	40.0 40.0	35,994 36,627	34,260 35,716	2,065 2,080
Office clerks, general	14.09	14.17	563	567	40.0	29,299	29,482	2,080
occupations	16.40	13.48	656	539	40.0	34,104	28,045	2,080
Installation, maintenance, and repair occupations	21.36	21.50	855	860	40.0	42,313	42,640	1,981
Production occupations	14.01	12.50	561	500	40.0	26,546	26,000	1,894

See footnotes at end of table.

Table 8. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Salem, OR, October 2009 - Continued

	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
Occupation <sup>2</sup>	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Transportation and material moving occupations Driver/sales workers and truck drivers	\$14.11 14.60	\$12.65 14.89	\$583 616	\$506 745	41.3 42.2	\$27,873 30,961	\$26,179 37,731	1,976 2,121

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule. <sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information

Occupational Classification (SOC) system. See appendix B for more information. <sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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

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 overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 9. Full-time<sup>1</sup> private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Salem, OR, October 2009

	Hourly ea	Hourly earnings <sup>3</sup> Weekly ear			54	Annual earnings <sup>5</sup>			
Occupation <sup>2</sup>	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours	
All workers	\$16.29	\$14.07	\$653	\$560	40.1	\$33,387	\$28,746	2,050	
Healthcare practitioner and technical occupations	34.63	37.66	1,362	1,506	39.3	70,837	78,335	2,046	
Healthcare support occupations	14.87	15.00	588	600	39.5	30,566	31,200	2,055	
Sales and related occupations	13.30	12.34	532	494	40.0	27,665	25,667	2,080	
Office and administrative support occupations Financial clerks	14.22 16.25	14.56 15.50	565 650	582 620	39.7 40.0	29,382 33,796	30,289 32,240	2,066 2,080	
Construction and extraction occupations	15.50	12.40	620	496	40.0	32,235	25,792	2,080	
Installation, maintenance, and repair occupations	19.15	20.50	766	820	40.0	37,205	36,317	1,943	
Production occupations	14.01	12.50	561	500	40.0	26,546	26,000	1,894	
Transportation and material moving occupations	13.76	12.65	573	506	41.6	27,680	23,691	2,012	

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time

employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule. <sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information

Occupational Classification (SOC) system. See appendix B for more information. <sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, 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. <sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries

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. <sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries

bear annual earnings are the available arrings 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 overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 10. Full-time<sup>1</sup> State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Salem, OR, October 2009

	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
Occupation <sup>2</sup>	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annua hours
All workers	\$24.79	\$22.13	\$989	\$885	39.9	\$49,249	\$44,968	1,987
Management occupations General and operations managers	37.48 37.25	39.75 39.75	1,499 1,490	1,590 1,590	40.0 40.0	77,933 77,486	82,674 82,674	2,079 2,080
Business and financial operations								
occupations	26.25 26.83	26.49 28.55	1,050 1,073	1,060 1,142	40.0 40.0	54,592 55,804	55,097 59,392	2,080 2,080
Computer and mathematical science								
occupations Computer support specialists	29.37 25.83	26.14 25.69	1,170 1,033	1,037 1,028	39.8 40.0	60,296 53,735	53,920 53,431	2,053 2,080
Community and social services occupations	23.14	22.13	926	885	40.0	48,142	46,037	2,080
	23.14	22.13	920	005	40.0	40,142	40,037	2,000
Education, training, and library occupations Primary, secondary, and special	30.73	29.44	1,225	1,177	39.9	51,121	50,948	1,664
education school teachers	36.28	38.42	1,451	1,537	40.0	55,581	59,015	1,532
teachers Elementary school teachers,	36.01	38.42	1,441	1,537	40.0	55,159	59,015	1,532
except special education	35.25	38.42	1,410	1,537	40.0	53,982	59,015	1,531
Protective service occupations	29.17	24.82	1,167	993	40.0	60,672	51,628	2,080
Office and administrative support								
occupations Secretaries and administrative	16.29	15.56	652	622	40.0	33,798	32,354	2,075
assistants Executive secretaries and	18.42	18.67	737	747	40.0	37,923	38,823	2,059
administrative assistants	18.61 14.15	18.67 14.17	744 566	747 567	40.0 40.0	38,703 29,431	38,823 29,482	2,080 2,080

<sup>1</sup> 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,

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

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and the number of workers weighted by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information. <sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries

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.

<sup>5</sup> 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 overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

# **Appendix: Technical Note**

#### Survey scope

This survey of the Salem, OR, Metropolitan Statistical Area (MSA) covered establishments employing one worker or more in private goods-producing industries (mining, construction, and manufacturing); private service-providing 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 knowledge 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- ments
Total in sampling frame	7,203
Total in sample	88
Responding	60
Refused or unable to provide data	23
Out of business or not in survey scope	5

#### 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.