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OCCUPATIONAL EMPLOYMENT AND WAGES IN JACKSONVILLE, MAY 2010

Workers in the Jacksonville Metropolitan Statistical Area had an average (mean) hourly wage of \$19.73 in May 2010, roughly 8 percent below the nationwide average of \$21.35, according to the U.S. Bureau of Labor Statistics. Regional Commissioner Janet S. Rankin noted that, after testing for statistical significance, wages in the local area were significantly lower than their respective national averages in 13 of the 22 major occupational groups including legal, computer and mathematical, and business and financial operations.

When compared to the nationwide distribution, local employment had a lower concentration in 9 of the 22 occupational groups, including production, education, training, and library, and management. Conversely, five groups had employment shares significantly above their national representation, including office and administrative support, sales and related, and business and financial operations. (See table A and box note at end of release.)

One occupational group—sales and related—was chosen to illustrate the diversity of data available for any of the 22 major occupational categories. Jacksonville had 69,820 jobs in sales and related occupations, accounting for 12.3 percent of local area employment, 16 percent higher than the 10.6-percent share nationally. The average hourly wage for this occupational group locally was \$17.97, close to the national wage of \$17.69.

With employment of 19,090, retail salespersons was the largest occupation within the sales and related group, followed by cashiers (16,490). Among the higher paying jobs were first-line supervisors of non-retail sales workers and securities, commodities, and financial services sales agents, with mean hourly wages of \$41.50 and \$41.23, respectively. At the lower end of the wage scale were cashiers (\$9.18) and telemarketers (\$11.39). (Detailed occupational data for sales and related are presented in table 1; for a complete listing of detailed occupations available go to www.bls.gov/oes/current/oes_27260.htm)

Table A. Occupational employment and wages by major occupational group, United States and the Jacksonville Metropolitan Statistical Area, and measures of statistical significance, May 2010

Major occupational group	Percent of		Mean hourly wage	
	total employment		United	
	United States	Jacksonville	States	Jacksonville
Total, all occupations	100.0	100.0	\$21.35	\$19.73 *
Management	4.7	3.3 *	50.69	50.67
Business and financial operations	4.8	5.8 *	32.54	28.66 *
Computer and mathematical	2.6	2.8	37.13	31.45 *
Architecture and engineering	1.8	1.6 *	36.32	32.69 *
Life, physical, and social science	0.8	0.5 *	31.92	29.24 *
Community and social service	1.5	1.1 *	20.76	19.11 *
Legal	0.8	0.8	46.60	33.19 *
Education, training, and library	6.7	5.0 *	24.25	24.36
Arts, design, entertainment, sports, and media	1.4	1.0 *	25.14	23.31 *
Healthcare practitioners and technical	5.8	5.8	34.27	32.88
Healthcare support	3.1	2.7 *	12.94	12.72
Protective service	2.5	2.6	20.43	17.26 *
Food preparation and serving related	8.7	8.7	10.21	9.58 *
Building and grounds cleaning and maintenance	3.3	3.2	12.16	11.49 *
Personal care and service	2.7	2.5	11.82	11.46
Sales and related	10.6	12.3 *	17.69	17.97
Office and administrative support	16.9	20.6 *	16.09	15.34 *
Farming, fishing, and forestry	0.3	0.1 *	11.70	13.12
Construction and extraction	4.0	4.0	21.09	17.83 *
Installation, maintenance, and repair	3.9	4.3 *	20.58	19.75 *
Production	6.5	4.1 *	16.24	15.95
Transportation and material moving	6.7	7.2 *	15.70	15.99

* The percent share of employment or mean hourly wage for this area is significantly different from the national average of all areas at the 90-percent confidence level.

Location quotients allow us to explore the occupational make-up of a metropolitan area by comparing the composition of jobs in an area relative to the national average. (See table 1.) For example, a location quotient of 2.0 indicates that an occupation accounts for twice the share of employment in the area than it does nationally. In the Jacksonville area, above average concentrations of employment were found in a number of the occupations within the sales and related group. For instance, insurance sales agents, one of the larger occupations in the grouping, were employed at 2.5 times the national rate in Jacksonville and services sales representatives, all other, at over 2 times the U.S. average. On the other hand, retail salespersons had a location quotient of 1.0 in Jacksonville, indicating that this particular occupation's local and national employment shares were the same.

These statistics are from the Occupational Employment Statistics (OES) survey, a federal-state cooperative program between BLS and State Workforce Agencies, in this case, the Florida Agency for Workforce Innovation. The OES survey provides estimates of employment and hourly and annual wages for wage and salary workers in 22 major occupational groups and nearly 800 non-military detailed occupations for the nation, states, metropolitan statistical areas, metropolitan divisions, and nonmetropolitan areas.

OES wage and employment data for the 22 major occupational groups in the Jacksonville Metropolitan Statistical Area were compared to their respective national averages based on statistical significance testing. Only those occupations with wages or employment shares above or below the national wage or share after testing for significance at the 90-percent confidence level meet the criteria.

NOTE: A value that is statistically different from another does not necessarily mean that the difference has economic or practical significance. Statistical significance is concerned with the ability to make confident statements about a universe based on a sample. It is entirely possible that a large difference between two values is not significantly different statistically, while a small difference is, since both the size and heterogeneity of the sample affect the relative error of the data being tested.

Technical Note

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. Guam, Puerto Rico, and the Virgin Islands also are surveyed, but their data are not included in this release. OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 establishments in May and November of each year for a 3-year period. The nationwide response rate for the May 2010 survey was 78.2 percent based on establishments and 74.4 percent based on employment. May 2010 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2010, November 2009, May 2009, November 2008, May 2008, and November 2007. The sample in the Jacksonville Metropolitan Statistical Area included 3,527 establishments with a response rate of 78 percent. For more information about OES concepts and methodology, go to www.bls.gov/news.release/ocwage.tn.htm.

The May 2010 OES estimates mark the first set of estimates based in part on data collected using the 2010 Standard Occupational Classification (SOC) system. Nearly all the occupations in this release are 2010 SOC occupations; however, some are not. The May 2012 OES data will reflect the full set of detailed occupations in the 2010 SOC. For a list of all occupations, including 2010 SOC occupations, and how data collected on two structures were combined, see the OES Frequently Asked Questions online at www.bls.gov/oes/oes_ques.htm#Ques41.

Area definitions

The substate area data published in this release reflect the standards and definitions established by the U.S. Office of Management and Budget.

The **Jacksonville, Fla. Metropolitan Statistical Area** includes Baker, Clay, Duval, Nassau, and St. Johns Counties in Florida.

Additional information

OES data are available on our regional web page at www.bls.gov/ro4/home.htm. If you have additional questions, contact the Southeast Economic Analysis and Information Unit at 404-893-4222. Information in this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; TDD message referral phone number: 1-800-877-8339.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Jacksonville Metropolitan Statistical Area, May 2010

Occupation	Employment		Mean wages	
	Level ¹	Location quotient ²	Hourly	Annual
Sales and related Occupations	69,820	1.2	\$17.97	\$37,380
First-line supervisors of retail sales workers	5,950	1.1	20.47	42,580
First-line supervisors of non-retail sales workers	1,350	1.2	41.50	86,330
Cashiers	16,490	1.1	9.18	19,090
Counter and rental clerks	1,720	0.9	13.07	27,180
Parts salespersons	1,120	1.2	15.14	31,490
Retail salespersons	19,090	1.0	12.15	25,270
Advertising sales agents	600	0.9	22.21	46,190
Insurance sales agents	3,560	2.5	25.13	52,280
Securities, commodities, and financial services sales agents	1,830	1.5	41.23	85,750
Travel agents	220	0.7	16.02	33,330
Sales representatives, services, all other	5,030	2.1	27.05	56,260
Sales representatives, wholesale and manufacturing, technical and scientific products	2,020	1.2	40.48	84,210
Sales representatives, wholesale and manufacturing, except technical and scientific products	5,820	1.0	28.75	59,790
Demonstrators and product promoters	410	1.2	15.26	31,740
Real estate brokers	320	1.7	35.37	73,570
Real estate sales agents	1,260	1.8	19.69	40,950
Sales engineers	(3)	(3)	56.75	118,040
Telemarketers	2,060	1.6	11.39	23,690
Sales and related workers, all other	780	1.2	14.84	30,870

¹ Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

² The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.

³ Estimates not released.