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SOUTHWEST INFORMATION OFFICE: Dallas, Texas

Technical information: (972) 850-4800 BLSInfoDallas@bls.gov www.bls.gov/regions/southwest

Media contact: (972) 850-4800

Occupational Employment and Wages in Dallas-Fort Worth-Arlington, May 2013

Workers in the Dallas-Fort Worth-Arlington Metropolitan Statistical Area had an average (mean) hourly wage of \$22.50 in May 2013, about 1 percent above the nationwide average of \$22.33, according to the U.S. Bureau of Labor Statistics. Regional Commissioner Stanley W. Suchman noted that, after testing for statistical significance, wages in the local area were significantly higher than their respective national averages in 7 of the 22 major occupational groups, including sales and related; management; and architecture and engineering. Eight groups had wages that were measurably lower than their respective national averages; included in this grouping were construction and extraction, as well as production.

When compared to the nationwide distribution, Dallas area employment was more highly concentrated in 7 of the 22 occupational groups including office and administrative support, computer and mathematical, and business and financial operations. Conversely, 11 groups had employment shares significantly below their national representation, including education, training, and library; healthcare practitioners and technical; and production. (See [table A](#) and [box note](#) at end of release.)

Table A. Occupational employment and wages by major occupational group, United States and the Dallas-Fort Worth-Arlington Metropolitan Statistical Area, and measures of statistical significance, May 2013

Major occupational group	Percent of total employment			Mean hourly wage			
	United States	Dallas-Fort Worth-Arlington		United States	Dallas-Fort Worth-Arlington		Percent difference ⁽¹⁾
Total, all occupations	100.0%	100.0%		\$22.33	\$22.50		1
Management	4.9	4.8		53.15	55.95	*	5
Business and financial operations.....	5.0	5.9	*	34.14	35.14	*	3
Computer and mathematical	2.8	4.0	*	39.43	38.84		-1
Architecture and engineering	1.8	2.1	*	38.51	40.29	*	5
Life, physical, and social science	0.9	0.6	*	33.37	32.02		-4
Community and social service.....	1.4	0.8	*	21.50	22.62	*	5
Legal.....	0.8	0.7	*	47.89	47.45		-1
Education, training, and library.....	6.3	5.4	*	24.76	23.50	*	-5
Arts, design, entertainment, sports, and media.....	1.3	1.1	*	26.72	24.36	*	-9
Healthcare practitioners and technical	5.8	5.2	*	35.93	35.79		0
Healthcare support.....	3.0	NA		13.61	14.24	*	5
Protective service	2.5	2.3		20.92	19.82		-5
Food preparation and serving related	9.0	8.7	*	10.38	10.01	*	-4
Building and grounds cleaning and maintenance.....	3.2	2.8	*	12.51	10.82	*	-14
Personal care and service.....	3.0	2.6	*	11.88	11.00	*	-7
Sales and related	10.6	11.1	*	18.37	20.26	*	10
Office and administrative support.....	16.2	18.4	*	16.78	17.04	*	2

Note: See footnotes at end of table.

Table A. Occupational employment and wages by major occupational group, United States and the Dallas-Fort Worth-Arlington Metropolitan Statistical Area, and measures of statistical significance, May 2013 - Continued

Major occupational group	Percent of total employment			Mean hourly wage			
	United States	Dallas-Fort Worth-Arlington		United States	Dallas-Fort Worth-Arlington		Percent difference ⁽¹⁾
Farming, fishing, and forestry	0.3	(2)	*	11.70	11.43		-2
Construction and extraction	3.8	4.0		21.94	17.62	*	-20
Installation, maintenance, and repair	3.9	4.1	*	21.35	20.60	*	-4
Production	6.6	6.0	*	16.79	15.54	*	-7
Transportation and material moving	6.8	7.1	*	16.28	15.69		-4

(1) A positive percent difference measures how much the mean wage in Dallas-Fort Worth-Arlington is above the national mean wage, while a negative difference reflects a lower wage.

(2) Indicates a value of less than 0.05 percent.

* 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.

NA: estimate is not available.

One occupational group – business and financial operations – was chosen to illustrate the diversity of data available for any of the 22 major occupational categories. Dallas had 180,290 jobs in business and financial operations, accounting for 5.9 percent of local area employment, significantly higher than the 5.0-percent national share. The average hourly wage for this occupational group was \$35.14, about 3 percent above the national average of \$34.14.

Some of the largest detailed occupations within the business and financial operations group included accountants and auditors (32,870), human resources specialists (12,050), and loan officers (11,880). Among the higher paying jobs were personal financial advisors and management analysts, with mean hourly wages of \$46.81 and \$43.19, respectively. At the lower end of the wage scale were tax preparers (\$22.18) and credit counselors (\$23.05). (Detailed occupational data for the business and financial operations group are presented in [table 1](#); for a complete listing of all detailed occupations go to www.bls.gov/oes/current/oes_19100.htm.)

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 Dallas-Fort Worth-Arlington metropolitan area, above average concentrations of employment were found in some of the detailed occupations within the business and financial operations group. For instance, credit counselors were employed at 2.2 times the national rate in Dallas, and auto damage insurance appraisers, at 2.4 times the U.S. average. On the other hand, cost estimators had a location quotient of 0.9 in Dallas, indicating that this particular occupation’s local and national employment shares were similar.

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 Texas Workforce Commission.

Note

OES wage and employment data for the 22 major occupational groups in the Dallas-Fort Worth-Arlington 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 are also surveyed, but their data are not included in the national estimates. OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 sampled establishments in May and November each year for a 3-year period. May 2013 estimates are based on responses from six semiannual panels collected in May 2013, November 2012, May 2012, November 2011, May 2011, and November 2010. The overall national response rate for the six panels is 75.3 percent based on establishments and 71.6 percent based on employment. The sample in the Dallas-Fort Worth-Arlington Metropolitan Statistical Area included 13,987 establishments with a response rate of 62 percent. For more information about OES concepts and methodology, go to www.bls.gov/news.release/ocwage.tn.htm.

The OES survey provides estimates of employment and hourly and annual wages for wage and salary workers in 22 major occupational groups and 821 detailed occupations for the nation, states, metropolitan statistical areas, metropolitan divisions, and nonmetropolitan areas. In addition, employment and wage estimates for 94 minor groups and 458 broad occupations are available in the national data. OES data by state and metropolitan/nonmetropolitan area are available from www.bls.gov/oes/current/oessrcst.htm and www.bls.gov/oes/current/oessrcma.htm, respectively.

The May 2013 OES estimates are based on the 2010 Standard Occupational Classification (SOC) system and the 2012 North American Industry Classification System (NAICS). Information about the 2010 SOC is available on the BLS website at www.bls.gov/soc and information about the 2012 NAICS is available at www.bls.gov/bls/naics.htm.

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 **Dallas-Fort Worth-Arlington Metropolitan Statistical Area** includes Collin, Dallas, Delta, Denton, Ellis, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties in Texas.

Additional information

OES data are available on our regional web page at www.bls.gov/regions/southwest/home.htm. Answers to frequently asked questions about the OES data are available at www.bls.gov/oes/oes_ques.htm. Detailed technical information about the OES survey is available in our Survey Methods and Reliability Statement on the BLS website at www.bls.gov/oes/2013/may/methods_statement.pdf.

Information in this release will be made available to sensory impaired individuals upon request – Voice phone: 202-691-5200; Federal Relay Service: 1-800-877-8339.

Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, Dallas-Fort Worth-Arlington Metropolitan Statistical Area, May 2013

Occupation ⁽¹⁾	Employment		Mean wages	
	Level ⁽²⁾	Location quotient ⁽³⁾	Hourly	Annual ⁽⁴⁾
Business and financial operations occupations	180,290	1.2	\$35.14	\$73,080
Agents and business managers of artists, performers, and athletes.....	160	0.6	41.52	86,350
Buyers and purchasing agents, farm products.....	120	0.47	24.32	50,590
Wholesale and retail buyers, except farm products	2,850	1.1	32.08	66,730
Purchasing agents, except wholesale, retail, and farm products.....	7,680	1.2	30.94	64,350
Claims adjusters, examiners, and investigators.....	7,980	1.3	29.44	61,240
Insurance appraisers, auto damage.....	730	2.4	28.80	59,900
Compliance officers.....	5,660	1.0	32.57	67,740
Cost estimators	4,420	0.9	31.95	66,450
Human resources specialists	12,050	1.2	32.07	66,710
Labor relations specialists.....	670	0.4	35.13	73,060
Logisticians.....	4,350	1.6	38.97	81,060
Management analysts	11,840	0.9	43.19	89,840
Meeting, convention, and event planners.....	2,020	1.2	24.29	50,520
Fundraisers	790	0.7	28.89	60,090
Compensation, benefits, and job analysis specialists .	2,270	1.2	34.74	72,260
Training and development specialists	6,730	1.3	29.69	61,760
Market research analysts and marketing specialists...	10,010	1.0	33.78	70,250
Business operations specialists, all other.....	23,890	1.1	37.93	78,900
Accountants and auditors.....	32,870	1.2	36.40	75,720
Appraisers and assessors of real estate	1,950	1.4	33.47	69,620
Budget analysts.....	1,560	1.2	34.67	72,120
Credit analysts.....	2,940	1.9	34.82	72,420
Financial analysts.....	8,280	1.4	40.47	84,190
Personal financial advisors.....	4,820	1.1	46.81	97,360
Insurance underwriters.....	3,040	1.4	33.92	70,560
Financial examiners	960	1.4	41.51	86,340
Credit counselors	1,390	2.2	23.05	47,940
Loan officers.....	11,880	1.7	32.17	66,910
Tax examiners and collectors, and revenue agents	610	0.4	35.62	74,090
Tax preparers	1,310	0.8	22.18	46,130
Financial specialists, all other.....	4,450	1.3	31.74	66,020

(1) For a complete listing of all detailed occupations in the Dallas-Fort Worth-Arlington MSA, see www.bls.gov/oes/current/oes_19100.htm

(2) 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.

(3) 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.

(4) Annual wages have been calculated by multiplying the hourly mean wage by a 'year-round, full-time' hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.