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Occupational Employment and Wages in Hartford-West Hartford-East Hartford - May 2013

Workers in the Hartford-West Hartford-East Hartford Metropolitan Statistical Area had an average (mean) hourly wage of \$26.41 in May 2013, about 18 percent above the nationwide average of \$22.33, according to the U.S. Bureau of Labor Statistics. Regional Commissioner Deborah A. Brown noted that, after testing for statistical significance, wages in the local area were significantly higher than their respective national averages in 16 of the 22 major occupational groups, including healthcare practitioners and technical; computer and mathematical; and construction and extraction. No group had an hourly wage significantly lower than its respective national average.

When compared to the nationwide distribution, local employment was more highly concentrated in 8 of the 22 occupational groups, including management; business and financial operations; and education, training, and library. Conversely, nine groups had employment shares significantly below their national representation, including transportation and material moving, food preparation and serving related, and sales and related. (See [table A](#) and box note at end of release.)

Table A. Occupational employment and wages by major occupational group, United States and the Hartford-West Hartford-East Hartford Metropolitan Statistical Area, and measures of statistical significance, May 2013

Major occupational group	Percent of total employment		Mean hourly wage		
	United States	Hartford	United States	Hartford	Percent difference ⁽¹⁾
Total, all occupations	100.0%	100.0%	\$22.33	\$26.41*	18
Management	4.9	7.4*	53.15	56.71*	7
Business and financial operations	5.0	6.4*	34.14	36.46*	7
Computer and mathematical	2.8	3.6*	39.43	40.53*	3
Architecture and engineering	1.8	2.3*	38.51	38.92	1
Life, physical, and social science	0.9	0.7*	33.37	35.03*	5
Community and social services	1.4	2.2*	21.50	24.70*	15
Legal	0.8	1.2*	47.89	49.26	3
Education, training, and library	6.3	7.5*	24.76	27.22*	10
Arts, design, entertainment, sports, and media	1.3	1.6*	26.72	27.23	2
Healthcare practitioner and technical	5.8	6.4	35.93	40.41*	12
Healthcare support	3.0	3.0	13.61	16.30*	20
Protective service	2.5	1.9*	20.92	21.91	5
Food preparation and serving related	9.0	7.3*	10.38	11.35*	9
Building and grounds cleaning and maintenance	3.2	3.2	12.51	14.52*	16
Personal care and service	3.0	3.0	11.88	13.28*	12
Sales and related	10.6	9.3*	18.37	20.12*	10
Office and administrative support	16.2	15.8	16.78	19.85*	18
Farming, fishing, and forestry	0.3	0.1*	11.70	14.11	21

Note: See footnotes at end of table.

Table A. Occupational employment and wages by major occupational group, United States and the Hartford-West Hartford-East Hartford Metropolitan Statistical Area, and measures of statistical significance, May 2013 - Continued

Major occupational group	Percent of total employment		Mean hourly wage		
	United States	Hartford	United States	Hartford	Percent difference ⁽¹⁾
Construction and extraction.....	3.8	2.9*	21.94	25.34*	15
Installation, maintenance, and repair	3.9	2.9*	21.35	23.22*	9
Production	6.6	6.2*	16.79	19.88*	18
Transportation and material moving.....	6.8	5.1*	16.28	16.47	1

Footnotes:

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

* 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.

One occupational group—business and financial operations—was chosen to illustrate the diversity of data available for any of the 22 major occupational categories. Hartford-West Hartford-East Hartford had 35,740 jobs in business and financial operations, accounting for 6.4 percent of local area employment, significantly higher than the 5.0-percent share nationally. The average hourly wage for this occupational group locally was \$36.46, measurably above the national wage of \$34.14.

With employment of 5,060 and 4,620 respectively, accountants and auditors and management analysts were the largest occupations within the business and financial operations group, followed by insurance underwriters (2,460). With a mean hourly wage of \$64.59, personal financial advisors were the highest paid occupation followed by insurance underwriters (\$43.60). At the lower end of the wage scale were tax preparers (\$22.23) and fundraisers (\$23.05). (Detailed occupational data for business and financial operations are presented in [table 1](#) ; for a complete listing of detailed occupations available go to www.bls.gov/oes/2013/may/oes_73450.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 Hartford-West Hartford-East Hartford Metropolitan Statistical Area, above average concentrations of employment were found in many of the occupations within the business and financial operations group. For instance, insurance underwriters were employed at 6.3 times the national rate in Hartford, and claims adjusters, examiners, and investigators, at 2.1 times the U.S. average. On the other hand, training and development specialists had a location quotient of 1.0 in Hartford, 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 Connecticut Department of Labor.

OES wage and employment data for the 22 major occupational groups in the Hartford 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 Hartford-West Hartford-East Hartford Metropolitan Statistical Area included 3,886 establishments with a response rate of 75 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 Hartford-West Hartford-East Hartford, Conn. Metropolitan Statistical Area includes Andover town, Ashford town, Avon town, Barkhamsted town, Berlin town, Bloomfield town, Bolton town, Bristol city, Burlington town, Canton town, Colchester town, Columbia town, Coventry town, Cromwell town, East Granby town, East Haddam town, East Hampton town, East Hartford town, Ellington town, Farmington town, Glastonbury town, Granby town, Haddam town, Hartford city, Hartland town, Harwinton town, Hebron town, Lebanon town, Manchester town, Mansfield town, Marlborough town, Middlefield town, Middletown city, New Britain city, New Hartford town, Newington town, Plainville town, Plymouth town, Portland town, Rocky Hill town, Simsbury town, South Windsor town, Southington town, Stafford town, Thomaston town, Tolland town, Union town, Vernon town, West Hartford town, Wethersfield town, Willington town, and Windsor town.

Additional information

OES data are available on our regional web page at www.bls.gov/regions/new-england/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, Hartford-West Hartford-East Hartford Metropolitan Statistical Area, May 2013

Occupation ⁽¹⁾	Employment		Mean wages	
	Level ⁽²⁾	Location quotient ⁽³⁾	Hourly	Annual ⁽⁴⁾
Business and Financial Operations Occupations.....	35,740	1.3	\$36.46	\$75,840
Agents and Business Managers of Artists, Performers, and Athletes.....	40	0.9	49.73	103,440
Wholesale and Retail Buyers, Except Farm Products	350	0.7	25.63	53,300
Purchasing Agents, Except Wholesale, Retail, and Farm Products.....	1,290	1.1	32.64	67,900
Claims Adjusters, Examiners, and Investigators	2,430	2.1	35.86	74,590
Insurance Appraisers, Auto Damage.....	80	1.5	(5)	(5)
Compliance Officers	1,450	1.5	35.90	74,660
Cost Estimators	970	1.1	35.77	74,390
Human Resources Specialists	1,760	1.0	33.98	70,680
Labor Relations Specialists	190	0.6	31.67	65,870
Logisticians.....	300	0.6	38.76	80,620
Management Analysts	4,620	1.9	40.63	84,500
Meeting, Convention, and Event Planners.....	270	0.9	28.59	59,470
Fundraisers	230	1.1	23.05	47,940
Compensation, Benefits, and Job Analysis Specialists...	590	1.7	31.84	66,220
Training and Development Specialists	950	1.0	30.89	64,250
Market Research Analysts and Marketing Specialists	2,080	1.1	32.60	67,810
Business Operations Specialists, All Other	4,020	1.0	34.88	72,560
Accountants and Auditors.....	5,060	1.0	34.92	72,630
Appraisers and Assessors of Real Estate	210	0.8	36.24	75,380
Budget Analysts.....	660	2.7	37.97	78,980
Credit Analysts	270	1.0	36.81	76,560
Financial Analysts.....	1,880	1.8	38.88	80,860
Personal Financial Advisors	720	0.9	64.59	134,350
Insurance Underwriters	2,460	6.3	43.60	90,680
Financial Examiners	210	1.7	42.27	87,920
Credit Counselors.....	60	0.6	22.60	47,010
Loan Officers	860	0.7	33.29	69,240
Tax Examiners and Collectors, and Revenue Agents	590	2.2	37.69	78,390
Tax Preparers	300	1.1	22.23	46,230
Financial Specialists, All Other	830	1.3	30.26	62,930

Footnotes:

(1) For a complete listing of all detailed occupations in Hartford-West Hartford-East Hartford, CT, see www.bls.gov/oes/current/oes_73450.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.

(5) Estimate not released.