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OCCUPATIONAL EMPLOYMENT AND WAGES IN OGDEN-CLEARFIELD – MAY 2009

Workers in the Ogden-Clearfield, Utah, Metropolitan Statistical Area had an average (mean) hourly wage of \$18.11 during May 2009, significantly below the nationwide average of \$20.90, the U.S. Bureau of Labor Statistics (BLS) reported today. Regional Commissioner Stanley W. Suchman noted that, after testing for statistical significance, 18 occupational groups had wages in the local area that were measurably lower than their respective national averages, including legal, protective service, and computer and mathematical science. No group had a local wage that was significantly higher than its respective national average. (For a comprehensive definition of the Ogden-Clearfield, Utah, Metropolitan Statistical Area, please see Technical Note.)

Table A. Occupational employment and wages by major occupational group, United States and the Ogden-Clearfield Metropolitan Statistical Area, and measures of statistical significance, May 2009

Major occupational group	Percent of total employment		Average hourly wage	
	United States	Ogden-Clearfield	United States	Ogden-Clearfield
All Occupations	100.0%	100.0%	\$20.90	\$18.11 *
Management occupations	4.7	4.0 *	49.47	38.83 *
Business and financial operations occupations	4.6	5.8 *	31.68	29.55 *
Computer and mathematical science occupations	2.5	2.1 *	36.68	31.78 *
Architecture and engineering occupations	1.8	2.3 *	35.38	34.83
Life, physical, and social science occupations	1.0	0.6 *	31.57	26.32 *
Community and social services occupations	1.4	1.3	20.55	16.90 *
Legal occupations	0.8	0.5 *	46.07	32.02 *
Education, training, and library occupations	6.5	6.5	23.81	18.42 *
Arts, design, entertainment, sports, and media occupations	1.3	0.9 *	24.87	20.14 *
Healthcare practitioner and technical occupations	5.5	4.0 *	33.51	30.80 *
Healthcare support occupations	3.0	2.6	12.84	11.26 *
Protective service occupations	2.4	1.8 *	20.07	15.11 *
Food preparation and serving related occupations	8.6	7.7 *	10.04	9.24 *
Building and grounds cleaning and maintenance occupations	3.3	3.3	12.00	10.56 *
Personal care and service occupations	2.6	2.4	11.87	10.91 *
Sales and related occupations	10.5	10.8	17.32	13.90 *
Office and administrative support occupations	17.1	17.1	15.86	14.21 *
Farming, fishing, and forestry occupations	0.3	0.1 *	11.53	11.35
Construction and extraction occupations	4.4	6.5 *	20.84	18.06 *
Installation, maintenance, and repair occupations	3.9	4.9 *	20.30	21.02
Production occupations	6.8	8.1 *	16.01	15.92
Transportation and material moving occupations	6.8	6.7	15.47	13.68 *

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

When compared to the nationwide distribution, local employment was more highly concentrated in 5 of the 22 occupational groups, including production, construction and extraction, and architecture and engineering. Conversely, nine groups had employment shares significantly below their national representation, including management and legal occupations. (See table A and box note at end of release.)

One occupational group, production, was chosen to illustrate the diversity of data available for any of the 22 major occupational categories. Ogden had 15,740 jobs in the production group accounting for 8.1 percent of local area employment, significantly higher than the occupational group's 6.8-percent share nationally. The average hourly wage for the production group locally was \$15.92, compared to the national wage of \$16.01.

With employment of 1,810, machinists were the largest published occupation within the production group, followed by team assemblers (1,210), and helpers--production workers (1,170). Seven occupations had hourly wages exceeding \$20.00, led by petroleum pump system operators, refinery operators, and gaugers averaging \$26.06. At the lower end of the wage scale were pressers, textile, garment, and related materials (\$7.87). (Detailed occupational data for the production group are presented in table B; for a complete listing of detailed occupations available go to www.bls.gov/oes/current/oes_36260.htm. OES data are published annually for all metropolitan areas. The most recent data for all areas are available at www.bls.gov/oes/current/oesrcma.htm.)

Table B. Employment and wage data from the Occupational Employment Statistics Survey, for production occupations, Ogden-Clearfield Metropolitan Statistical Area, May 2009

Occupation	Employment[1]	Mean wages		Median hourly wages
		Hourly	Annual[2]	
Production occupations	15,740	\$15.92	\$33,100	\$14.17
First-line supervisors/managers of production and operating workers	1,140	24.81	51,610	22.68
Electrical and electronic equipment assemblers	150	13.69	28,480	13.09
Structural metal fabricators and fitters	330	16.31	33,920	14.52
Fiberglass laminators and fabricators	50	14.74	30,650	15.14
Team assemblers	1,210	[4]	[4]	[4]
Assemblers and fabricators, all other	270	11.56	24,050	10.21
Bakers	330	11.33	23,570	10.48
Butchers and meat cutters	210	12.71	26,430	11.82
Food batchmakers	[3]	10.77	22,400	9.93
Food cooking machine operators and tenders	[3]	10.34	21,500	10.42
Computer-controlled machine tool operators, metal and plastic	[3]	12.91	26,850	12.07
Extruding and drawing machine setters, operators, and tenders, metal and plastic	200	15.26	31,750	15.12
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	380	15.31	31,840	15.56
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	[3]	13.60	28,300	13.02
Machinists	1,810	19.60	40,770	19.94
Metal-refining furnace operators and tenders	80	14.88	30,950	14.23
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	320	16.41	34,120	12.63
Multiple machine tool setters, operators, and tenders, metal and plastic	400	12.04	25,040	11.51
Tool and die makers	140	23.91	49,720	24.74
Welders, cutters, solderers, and brazers	940	17.95	37,340	16.63
Heat treating equipment setters, operators, and tenders, metal and plastic	30	18.69	38,870	17.80
Printing machine operators	350	11.22	23,330	7.84
Laundry and dry-cleaning workers	310	9.35	19,450	9.19
Pressers, textile, garment, and related materials	[3]	7.87	16,370	7.80
Sewing machine operators	200	8.82	18,350	8.32
Sewers, hand	[3]	9.11	18,940	8.95
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	[3]	13.88	28,880	13.79
Cabinetmakers and bench carpenters	310	12.22	25,410	11.61
Woodworking machine setters, operators, and tenders, except sawing	110	12.91	26,850	11.94
Power plant operators	[3]	23.24	48,340	22.85
Stationary engineers and boiler operators	60	21.00	43,670	22.81
Water and liquid waste treatment plant and system operators	230	21.34	44,380	21.44
Petroleum pump system operators, refinery operators, and gaugers	300	26.06	54,210	27.68
Crushing, grinding, and polishing machine setters, operators, and tenders	50	11.76	24,470	9.13
Grinding and polishing workers, hand	40	12.79	26,600	11.82
Mixing and blending machine setters, operators, and tenders	210	12.54	26,090	11.89
Cutting and slicing machine setters, operators, and tenders	280	[4]	[4]	[4]
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	120	15.09	31,380	13.48
Furnace, kiln, oven, drier, and kettle operators and tenders	[3]	15.48	32,200	15.23
Inspectors, testers, sorters, samplers, and weighers	670	18.61	38,700	18.78
Dental laboratory technicians	50	14.82	30,830	14.37
Packaging and filling machine operators and tenders	350	11.08	23,040	10.30
Coating, painting, and spraying machine setters, operators, and tenders	80	13.43	27,940	13.33
Painters, transportation equipment	80	25.10	52,220	19.61
Painting, coating, and decorating workers	100	12.48	25,970	11.61
Photographic processing machine operators	110	10.75	22,350	9.93
Cleaning, washing, and metal pickling equipment operators and tenders	50	8.65	17,990	8.74
Molders, shapers, and casters, except metal and plastic	170	16.34	33,980	14.60
Helpers--production workers	1,170	10.86	22,580	10.65
Production workers, all other	[3]	12.41	25,810	9.48

[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] 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.

[3] Indicates that an employment estimate is not available.

[4] Indicates that a wage estimate is not available.

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 Utah Department of Workforce Services. The OES survey provides estimates of employment and hourly and annual wages for wage and salary workers in 22 major occupational groups and up to 801 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 Ogden-Clearfield 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 2009 survey was 78.2 percent based on establishments and 74.5 percent based on employment. The survey included establishments sampled in the May 2009, November 2008, May 2008, November 2007, May 2007, and November 2006 semiannual panels. The sample in the Ogden-Clearfield Metropolitan Statistical Area included 1,668 establishments with a response rate of 80 percent. For more information about OES concepts and methodology, go to www.bls.gov/news.release/ocwage.tn.htm.

Metropolitan area definition

The substate area data published in this release reflect the standards and definitions established by the U.S. Office of Management and Budget, dated November 2007.

The Ogden-Clearfield Metropolitan Statistical Area consists of Davis, Morgan, and Weber Counties in Utah.

Additional information

OES data are available on our regional web page at www.bls.gov/ro7/home.htm. If you have additional questions, contact the Mountain-Plains Economic Analysis and Information Office at 816-285-7000. 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.