



# The Eastern WIA Economic Report

February 2009

Compiled by the division of  
Economic Research and Analysis  
Oklahoma Employment Security Commission  
[www.oesc.state.ok.us/lmi](http://www.oesc.state.ok.us/lmi)

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# About the OESC's Labor Market Information Website

## About the Website:

The Oklahoma Employment Security Commission's Labor Market Information (LMI) website serves as an excellent source for economic data. The LMI website contains publications on wages, occupational projections, the Quarterly Census of Employment and Wages, as well as many other topical publications. Additionally, the LMI site contains data sets organized by WIA and interactive MAPS containing county, state, and national unemployment data. If you have any questions about the LMI site please e-mail us at [Imi@oesc.state.ok.us](mailto:Imi@oesc.state.ok.us).

The LMI site can be found at:

<http://www.oesc.state.ok.us/Imi>

**Oklahoma Employment Security Commission**  
2401 N Lincoln Blvd - Oklahoma City (405) 557-7100 / TDD Telecommunications Device for the Deaf (405) 208-4022

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**Job seeker | Employer | Policymaker | Workforce Partners**  
Home > LMI

Welcome to Oklahoma Labor Market Information

### Change in Total Employment 2007-2008

Legend:  
Red: -2.66% - -0.50%  
Yellow: -0.49% - -0.49%  
Green: 0.50% - 3.00%

Click for detail map

**Additional Information**  
Recessions and the Unemployment Rate  
- LYNN GRAY, DIRECTOR OF ECONOMIC RESEARCH AND ANALYSIS  
Oklahoma Labor Force Data  
OESC News Releases

**LMI Contents**  
About LMI  
Employment-Unemployment  
LMI Report  
News Releases  
Publications  
Local Employment Dynamics  
Other Services  
Occupational Employment Statistics

**How are we doing?**  
(Short Customer Survey)

OWN  
Oklahoma Wage Network

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**Quick Links**  
Economic Development Resources  
Employer Locator  
Oklahoma Quarterly Census of Employment and Wages 06  
Oklahoma State of the Workforce Report 2008 **NEW**  
Employment Outlook 2014  
Education Capacity  
Business Employment Dynamics  
Oklahoma Licensed and Certified Occupation 2006  
Oklahoma Job Vacancy Survey  
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# Resources for Economic Data

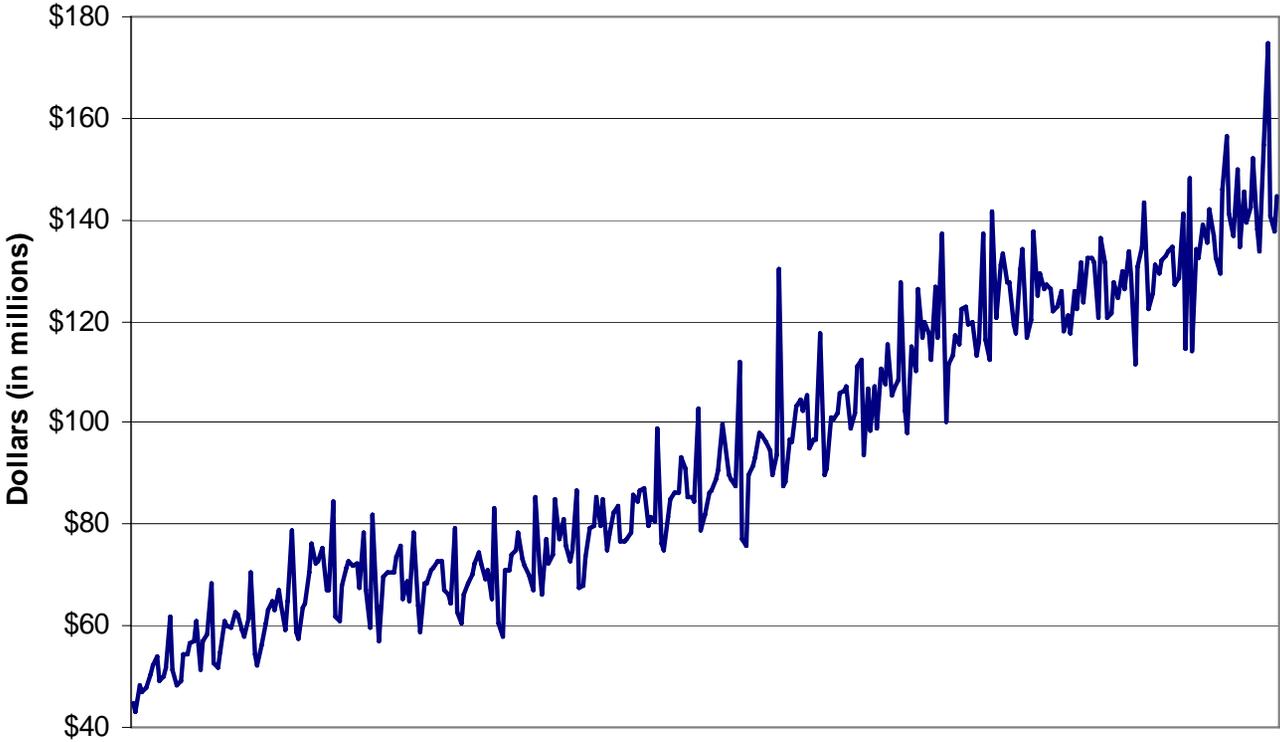
| What is it?  | What does it have?  | Where is it located?  |
|--|---|---|
| <b>The Oklahoma Employment Security Commission's Labor Market Information website.</b> | The OESC's LMI site contains: Industry and Occupational Projections; The Quarterly Census of Employment and Wages; Occupational Wages; Local Area Unemployment Statistics, including GIS maps; and numerous publications relating to Oklahoma's labor force.  | <a href="http://www.oesc.state.ok.us/lmi">http://www.oesc.state.ok.us/lmi</a> |
| <b>The Bureau of Labor Statistics</b>  | The BLS website provides a plethora of economic data organized by national, regional, state, and local area aggregations including: Inflation and Prices; The Consumer Price Index; Employment; Unemployment; Pay and Benefits; Productivity; Workplace Injuries; Mass Layoffs; U.S. Import and Export Price Indexes; and much more.  | <a href="http://www.bls.gov">http://www.bls.gov</a>                           |
| <b>The Bureau of Economic Analysis</b>   | The BEA website provides international (in some cases), national, regional, and local area data on a wide range of topics including: Gross Domestic Product; Personal Income and Outlays; Corporate Profits; Fixed Assets; Trades in Goods and Services; Operations of Multinational Companies; and much more.  | <a href="http://www.bea.gov">http://www.bea.gov</a>                           |
| <b>The U.S. Census Bureau</b>  | The U.S. Census Bureau's website contains many economic, demographic, and socio-economic data sets. Some highlights are the U.S. and world population clocks on the home page, and the QuickFacts area profile report generator that will allow a person to obtain a large output of data on any given state, county, or city with just a few mouse clicks.   | <a href="http://www.census.gov">http://www.census.gov</a>                     |
| <b>The Oklahoma Resources Integration General Information Network System (Origins)</b> | The Origins website provides monthly and quarterly data for Oklahoma, Oklahoma counties, and selected cities for the following subject areas: Sales Subject to Tax; Retail Trade; Building Permits and Values; and the General Business Index. The Oklahoma Business Bulletin, a quarterly publication, can be found here. Additionally, the website houses <i>ad hoc</i> labor force reports and economic impact studies generated by the Center for Economic and Management Research. | <a href="http://origins.ou.edu">http://origins.ou.edu</a>                     |
| <b>The Oklahoma Department of Commerce</b>   | The Oklahoma Department of Commerce's website includes Oklahoma related analysis of the U.S. Census Bureau's data. Additionally, the site serves as an important resource for information pertaining to existing and future Oklahoma Businesses.  | <a href="http://www.okcommerce.gov">http://www.okcommerce.gov</a>             |





# Sales Subject to Tax

Monthly Sales Subject to Tax - Eastern WIA



## About the Data:

Sales subject to tax serves as a useful measure to observe trends in retail sales over time. Unlike sales tax collections, sales subject to tax figures are not affected by increases or decreases in the sales tax rate. The data is gathered, organized, and publically disseminated from the Oklahoma Tax Commission by the Oklahoma Integrated Information Network (Origins) at the University of Oklahoma. Full data sets, and additional data can be found at:

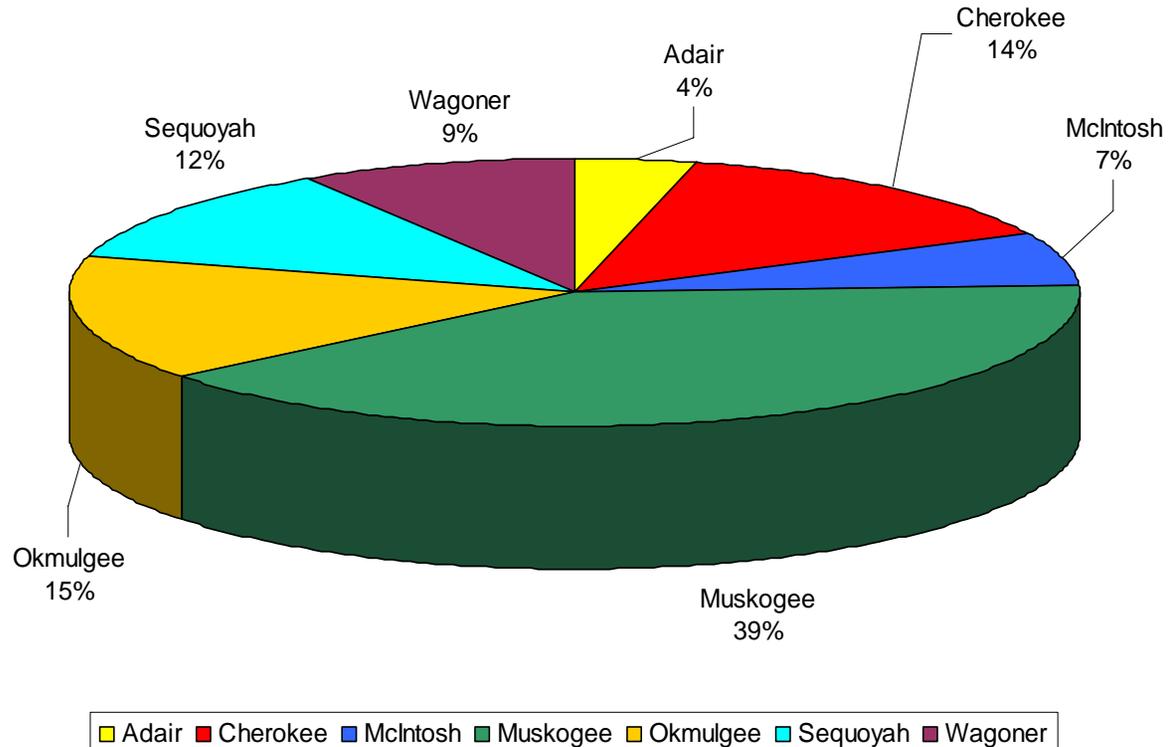
<http://origins.ou.edu>

## Monthly Sales Subject to Tax:

From January 1980 to March of 2008, the Eastern WIA has experienced consistent and positive growth. Annual sales subject to tax have increased from \$600.24 million in 1980 to \$1.744 billion in 2007. That equates to an increase of over 190%. During the same time period the rate of inflation increased by 158%.

# Sales Subject to Tax

## Sales Subject to Tax - County Contribution to the Eastern WIA



## Monthly Sales Subject to Tax:

Muskogee County is responsible for thirty-nine percent of the total of sales subject to tax for the Eastern WIA for 2007. Okmulgee County came in second at fifteen percent, while Cherokee County came in third at fourteen percent. The remaining counties each contributed between four and twelve percent.

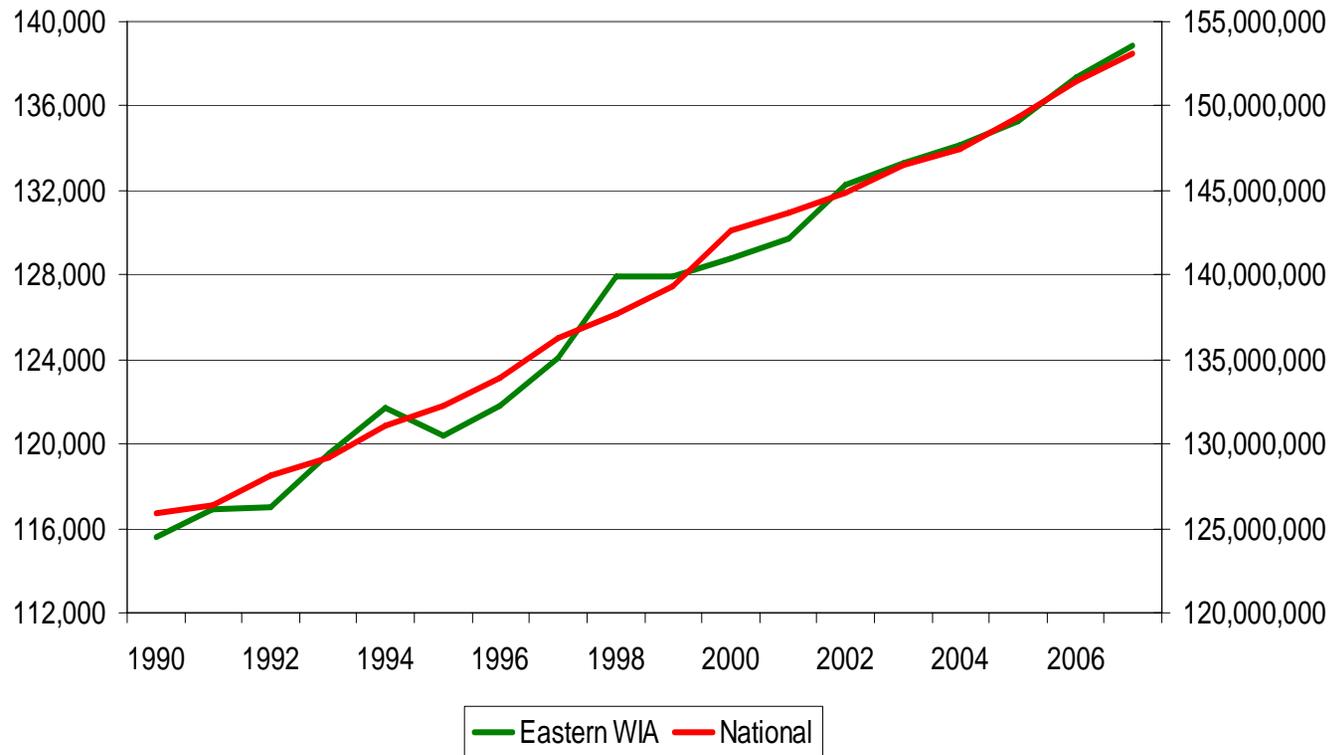
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<http://origins.ou.edu>

# Employment and Unemployment

## Average Annual Workforce 1990-2007 - Eastern WIA



## About the Data:

The Local Area Unemployment Statistics Program, or LAUS, provides monthly and annual estimates for labor force, employment, unemployment, and the unemployment rate. Complete data sets are available at: <http://www.bls.gov/lau>

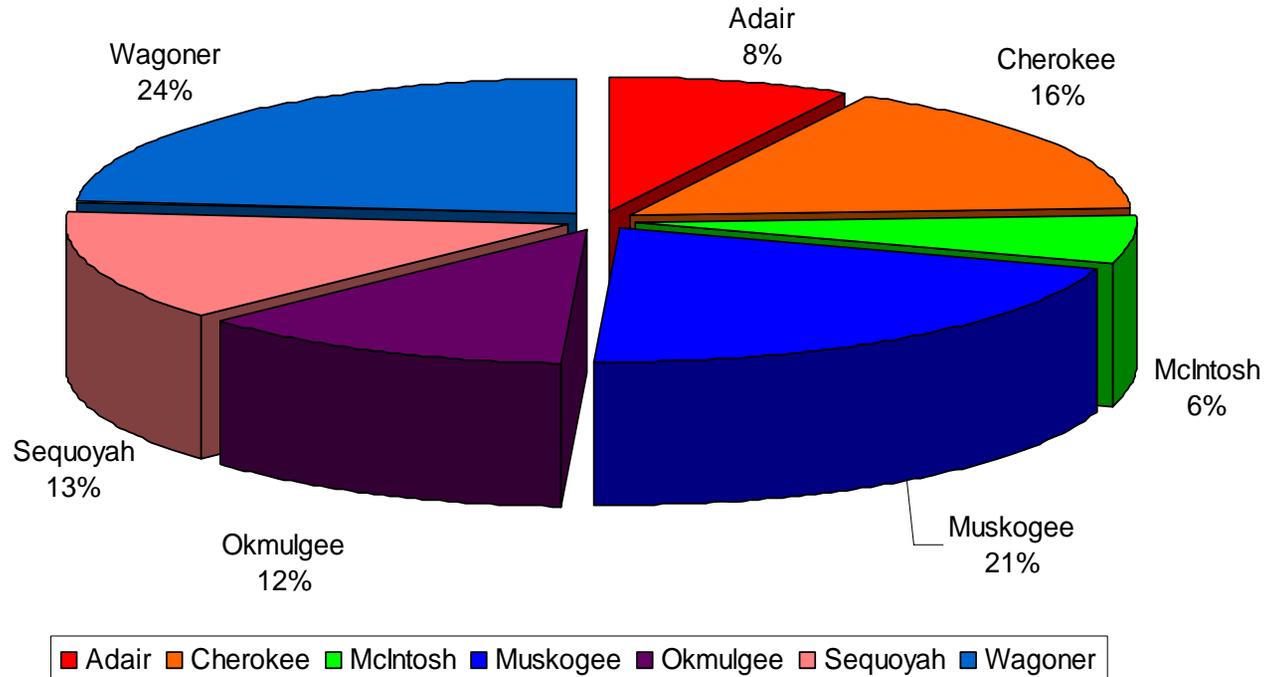
Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis. <http://www.oesc.state.ok.us/lmi>

## Workforce:

Between 1990 and 2007 the Eastern WIA's average annual workforce has been growing at a brisk and consistent rate. Between 1990 and 2007 the Eastern WIA increased its average annual workforce from 115,613 to 138,907, an increase of 20.15%.

# Employment and Unemployment

Workforce Distribution - 2007



## About the Data:

The Local Area Unemployment Statistics Program, or LAUS, provides monthly and annual estimates for labor force, employment, unemployment, and the unemployment rate. Complete data sets are available at: <http://www.bls.gov/lau>

Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis. <http://www.oesc.state.ok.us/lmi>

## Workforce:

Wagoner County is responsible for twenty-four percent of the Eastern WIA's workforce. Muskogee County is responsible for twenty-one percent. Cherokee County is responsible for sixteen percent, and Sequoyah County is responsible for thirteen percent. The remaining counties are responsible for between six and twelve percent of the workforce distribution.

# Employment and Unemployment

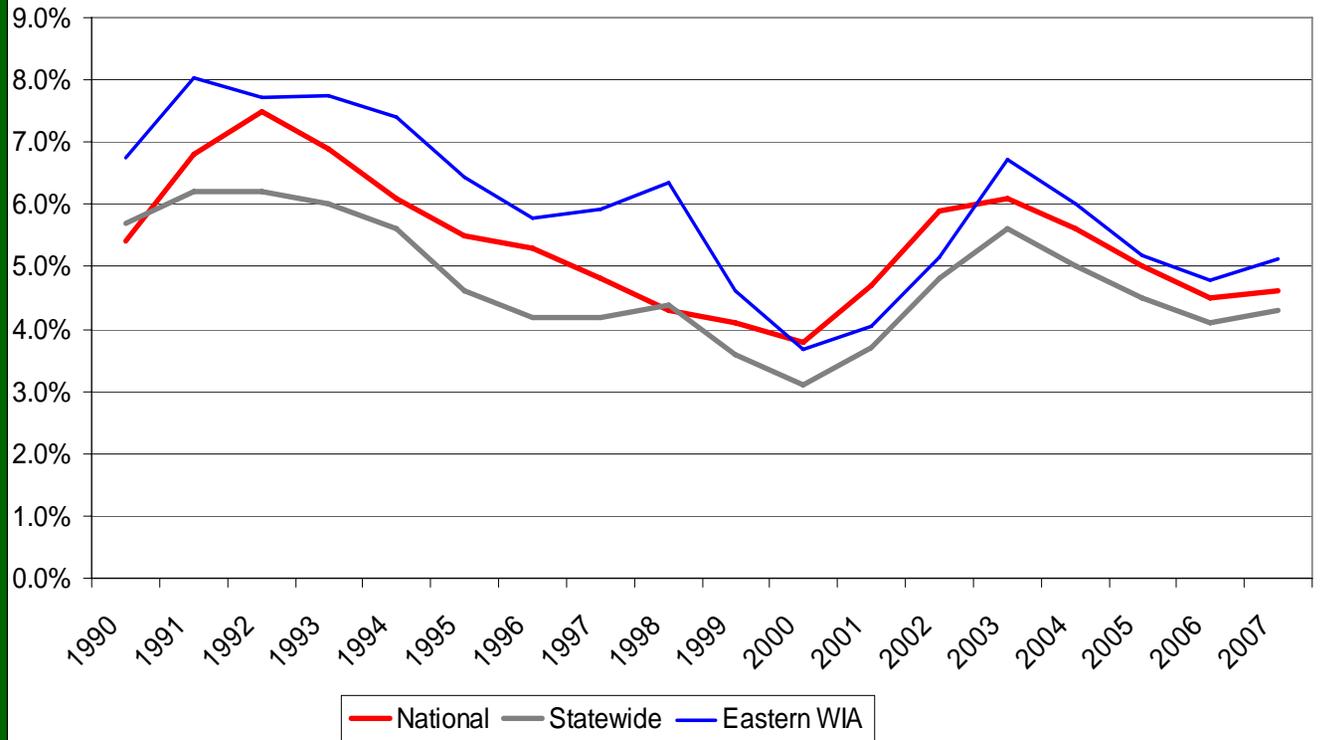


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<http://www.oesc.state.ok.us/lmi>

Average Annual Unemployment Rate 1990-2007 - Eastern WIA

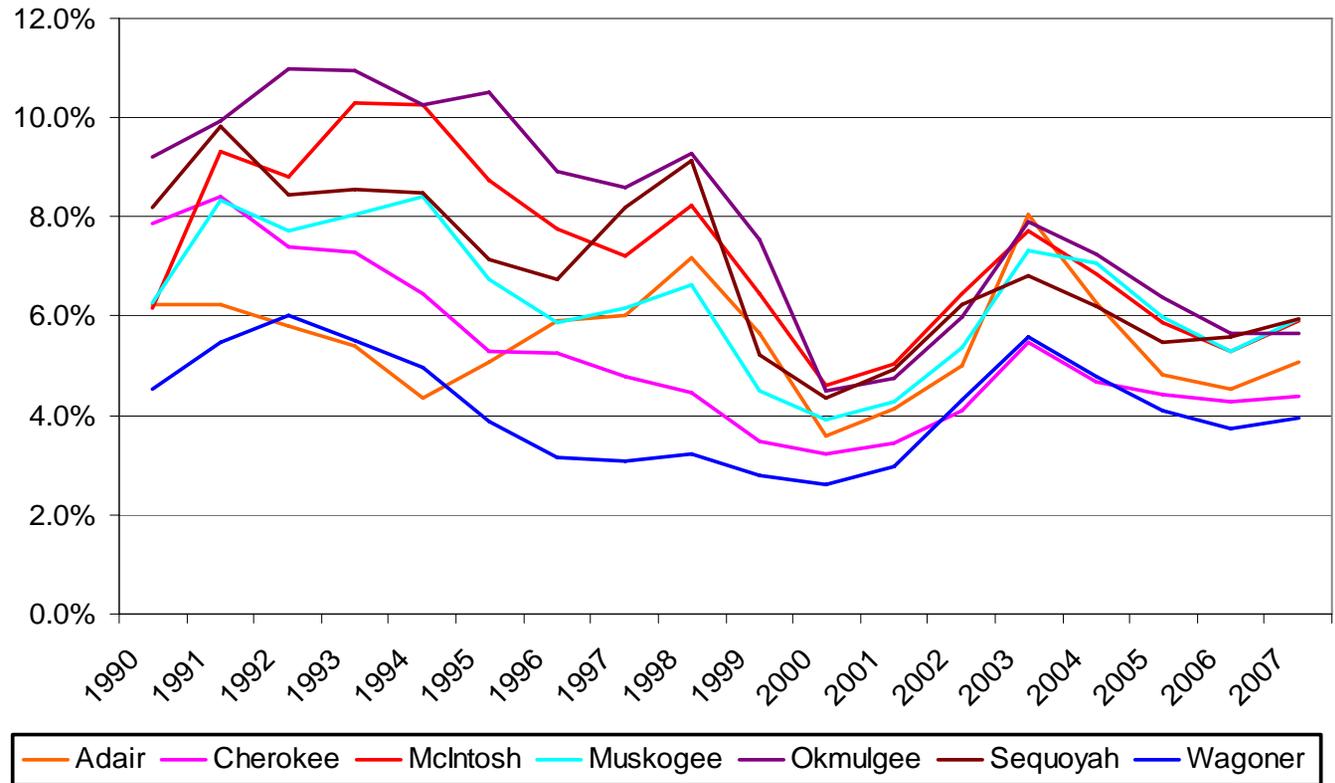


## Workforce:

The Eastern WIA's average annual unemployment rate between 1990 and 2007 was, for the most part, above both the statewide and national average. The Eastern WIA's average annual unemployment rate between 1990 and 2007 was 5.97%. During that same time period the national average annual unemployment rate was 5.4%, or 10.56% lower than the Eastern WIA's.

# Employment and Unemployment

## Average Annual Unemployment Rate 1990-2007 - Each County



## About the Data:

The Local Area Unemployment Statistics Program, or LAUS, provides monthly and annual estimates for labor force, employment, unemployment, and the unemployment rate. Complete data sets are available at: <http://www.bls.gov/lau>

Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis. <http://www.oesc.state.ok.us/lmi>

## Workforce:

Between 1990 and 2007 each county in the Eastern WIA had fluctuating levels of unemployment. At 11.0% in 1992, Okmulgee county hit the highest point of unemployment. At 2.6% Wagoner County had the lowest rate of unemployment in 2000. At 4.15% Wagoner County had the lowest average annual unemployment rate of the counties between 1990 and 2007.



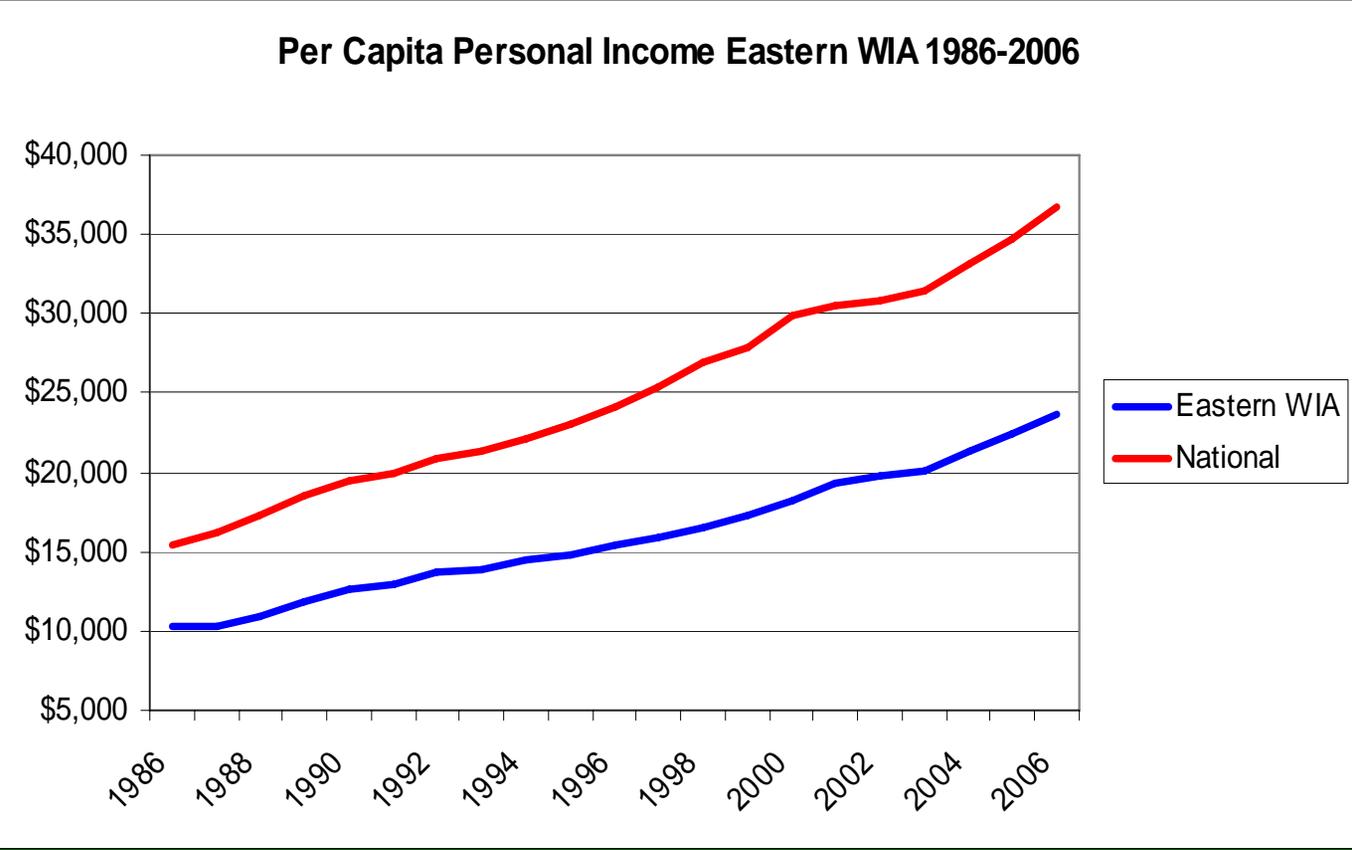
# Per Capita Personal Income

## About the Data:

The per capita personal income is compiled and released by the Bureau of Economic Analysis. The per capita personal income is the combination of all income a person receives. This may include, but is not limited to: wages, rental income, interest income, and dividend income.

For more information, or data sets for Oklahoma or other areas, please visit the Bureau of Economic Analysis's website at:

<http://www.bea.gov/>

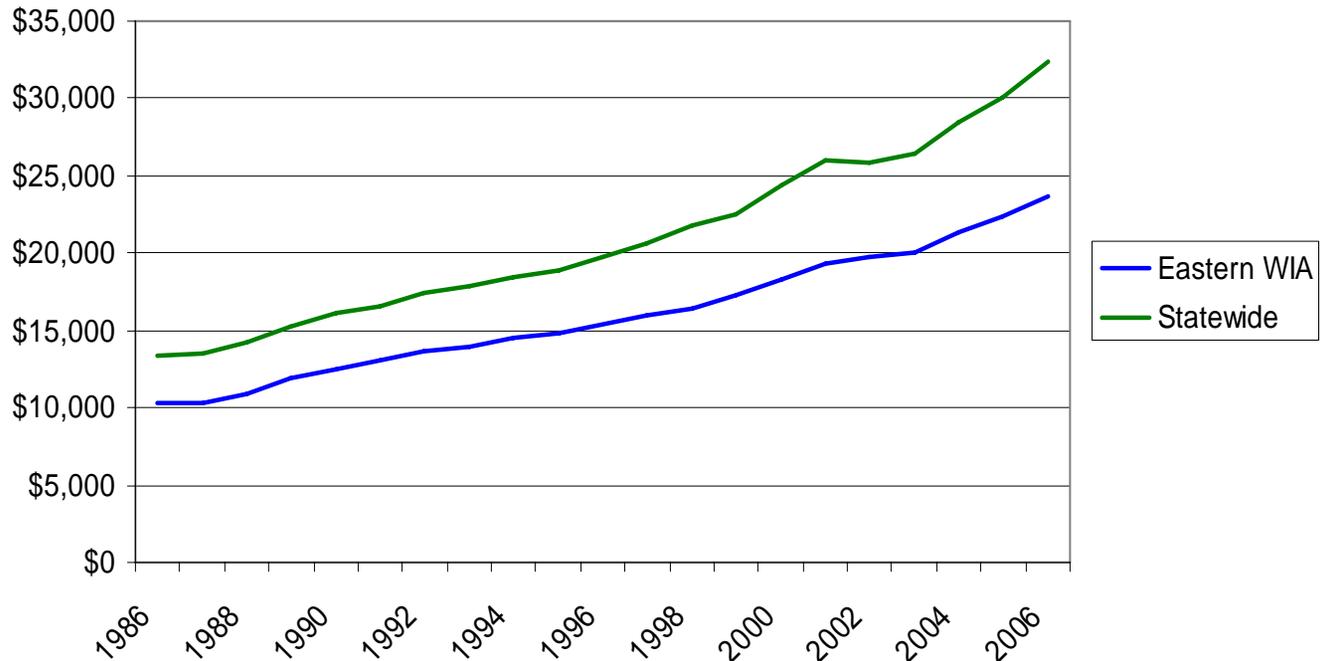


## Per Capita Personal Income:

The Eastern WIA's per capita personal income has realized a positive increase between the years of 1986 and 2006. The Eastern WIA's per capita personal income increased somewhat more rapidly between 1996 and 2006 than it had between 1986 and 1995. The per capita personal income increased 130.75% between 1986 and 2006, equivalent to \$13,434. During the same time period inflation increased 83.94%, allowing the Eastern WIA to outpace inflation by 55.77%.

# Per Capita Personal Income

Eastern WIA's Per Capita Personal Income Compared to Oklahoma Statewide's



## About the Data:

The per capita personal income is compiled and released by the Bureau of Economic Analysis. The per capita personal income is the combination of all income a person receives. This may include, but is not limited to: wages, rental income, interest income, and dividend income.

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## Per Capita Personal Income:

Between 1986 and 2006 the Eastern WIA's per capita personal income trailed that of the state average. Though each area followed a similar trend, the Eastern WIA's per capita personal income was on average \$4,960 less than the statewide average.



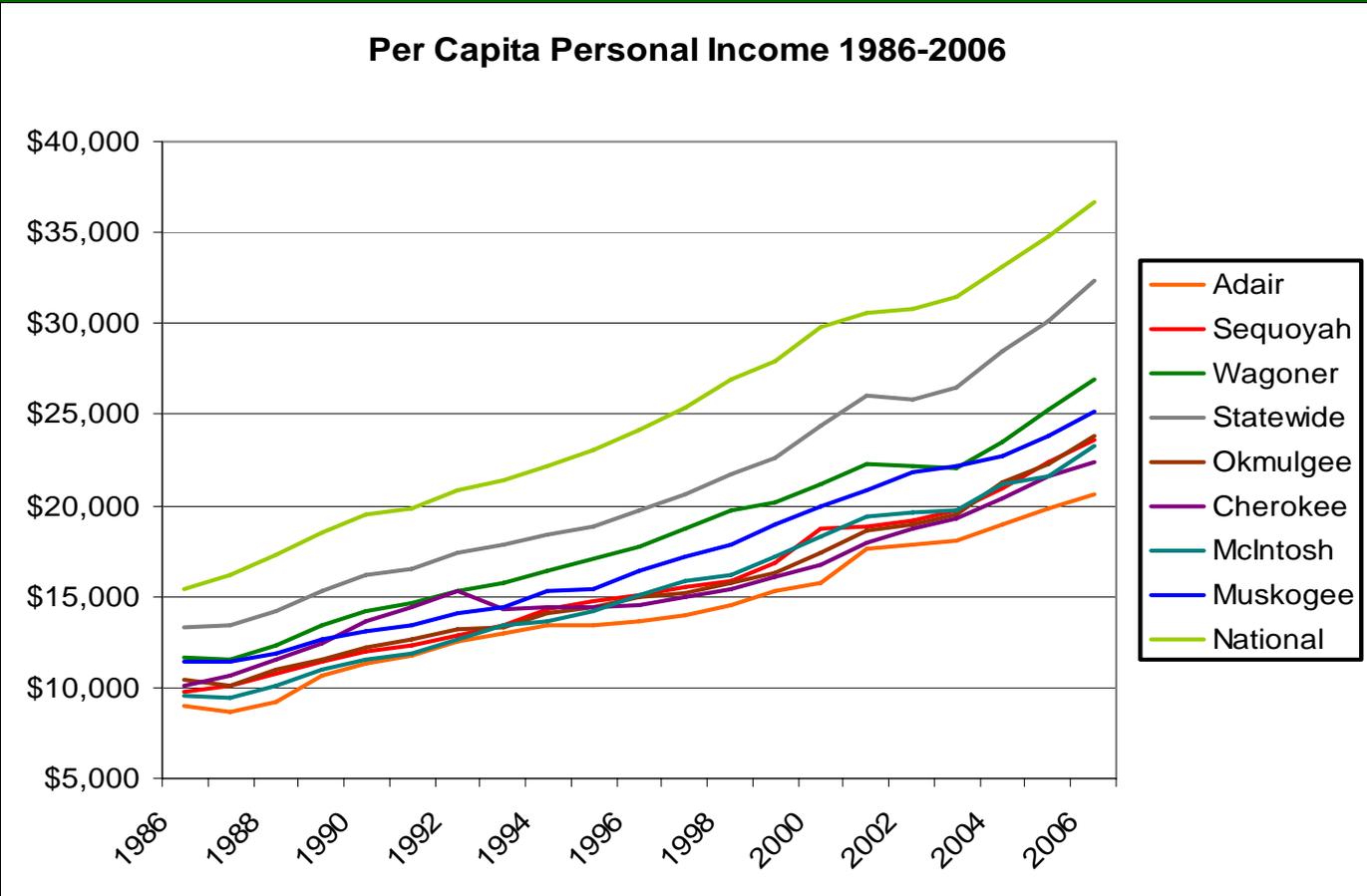
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For more information, or data sets for Oklahoma or other areas, please visit the Bureau of Economic Analysis's website at:

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## Per Capita Personal Income:

From 1986 to 1996 none of the counties that the Eastern WIA is comprised of surpassed the national or statewide average per capita personal income. On average Adair County has had the lowest per capita income, while Wagoner County has had the highest.



# Quarterly Census of Employment and Wages



## About the Data:

The Quarterly Census of Employment and Wages program publishes a quarterly count of employment and wages reported by employers covering ninety-eight percent of U.S. Jobs. You can find complete data sets for all WIA's, MSA's, and Statewide at:

[http://www.oesc.state.ok.us/lmi/WIA/2007/QCEW\\_ES202.htm](http://www.oesc.state.ok.us/lmi/WIA/2007/QCEW_ES202.htm)

For other states please visit:

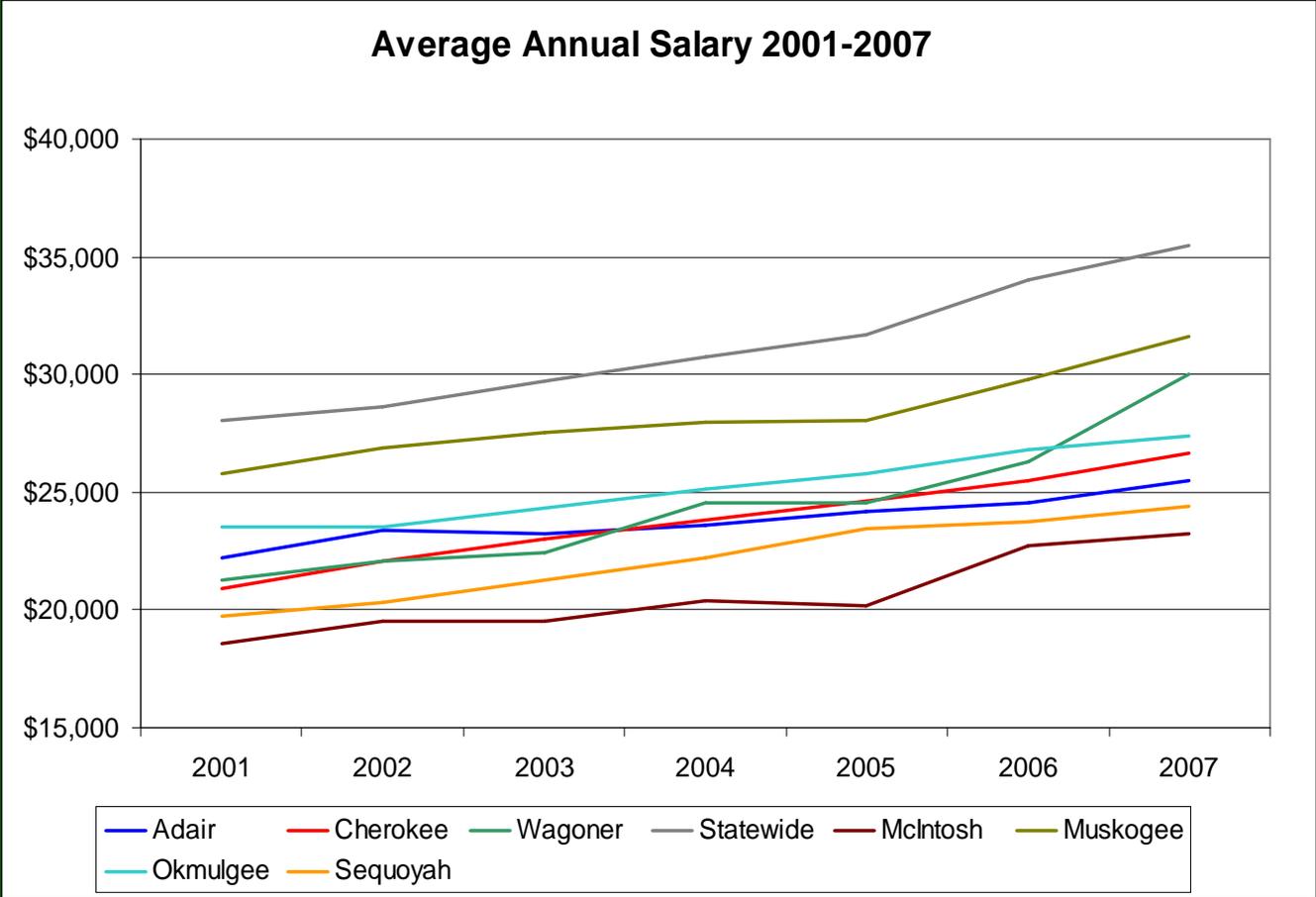
<http://www.bls.gov/cew>

## Average Annual Salary:

Between the years 2001 and 2007 the Eastern WIA followed the statewide and national trend in average annual salaries. The Eastern WIA's average annual salary trailed the statewide average annual by approximately \$7,200 during that same time period. The Eastern WIA's average annual salary increased from \$21,719 in 2001 to \$26,967 in 2007. This is an increase of 24.16% or \$5,248.



# Quarterly Census of Employment and Wages



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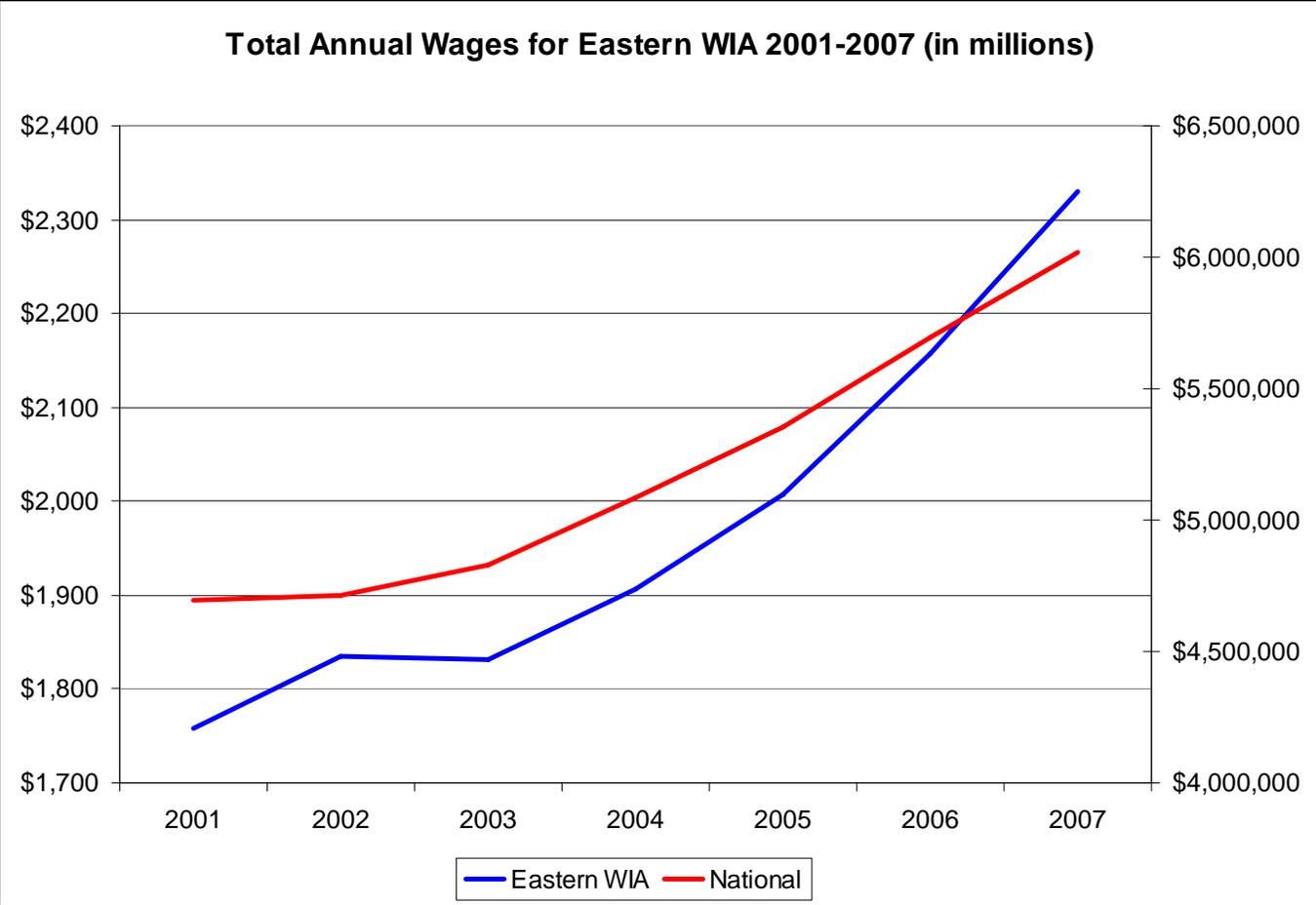
<http://www.bls.gov/cew>

## Average Annual Salary:

Of the seven counties that the Eastern WIA is comprised of, not one county had an average annual salary greater than the state average. Muskogee County consistently had a higher average annual salary than the other counties. McIntosh and Sequoyah Counties had the two lowest average annual salaries between 2001 and 2007.



# Quarterly Census of Employment and Wages



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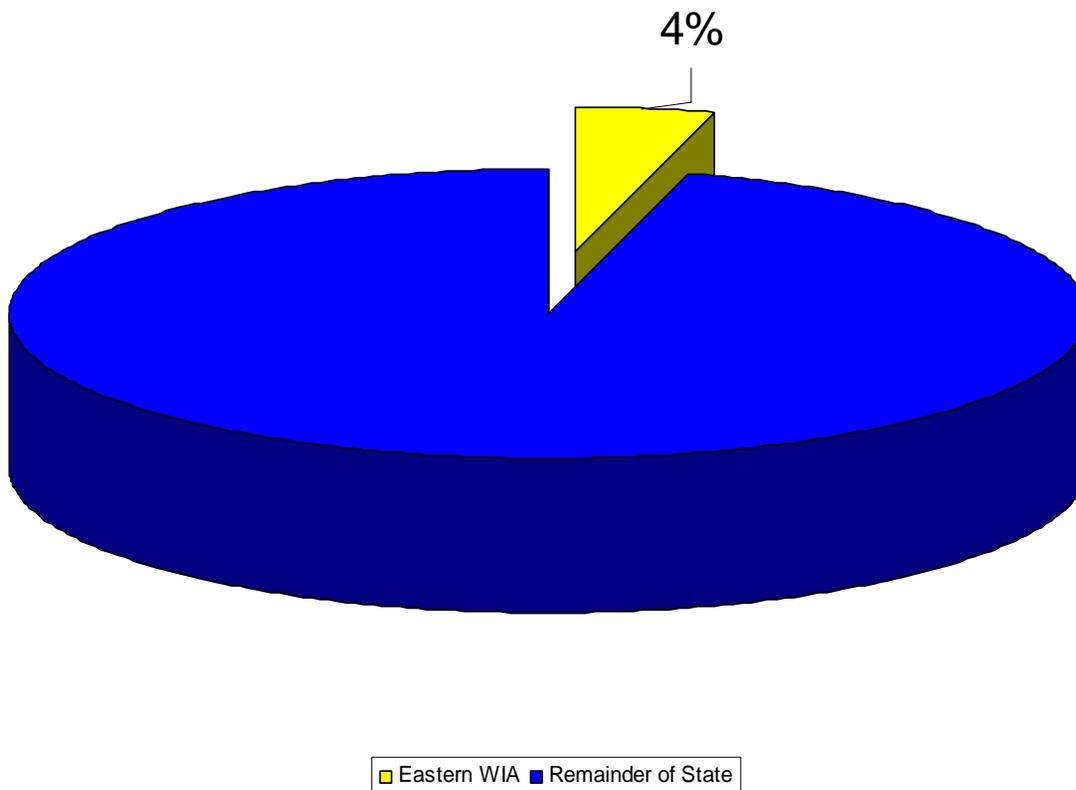
## Total Wages Paid Annually:

Total wages paid annually has increased steadily between 2001 and 2007 for the Eastern WIA. In 2001, employers paid a payroll of \$1.758 billion. By 2007, that figure had increased to \$2.33 billion. This equates to a 32.54% increase in total wages paid.



# Quarterly Census of Employment and Wages

Eastern WIA's Contribution to Total Wages Paid in Oklahoma - 2007



## About the Data:

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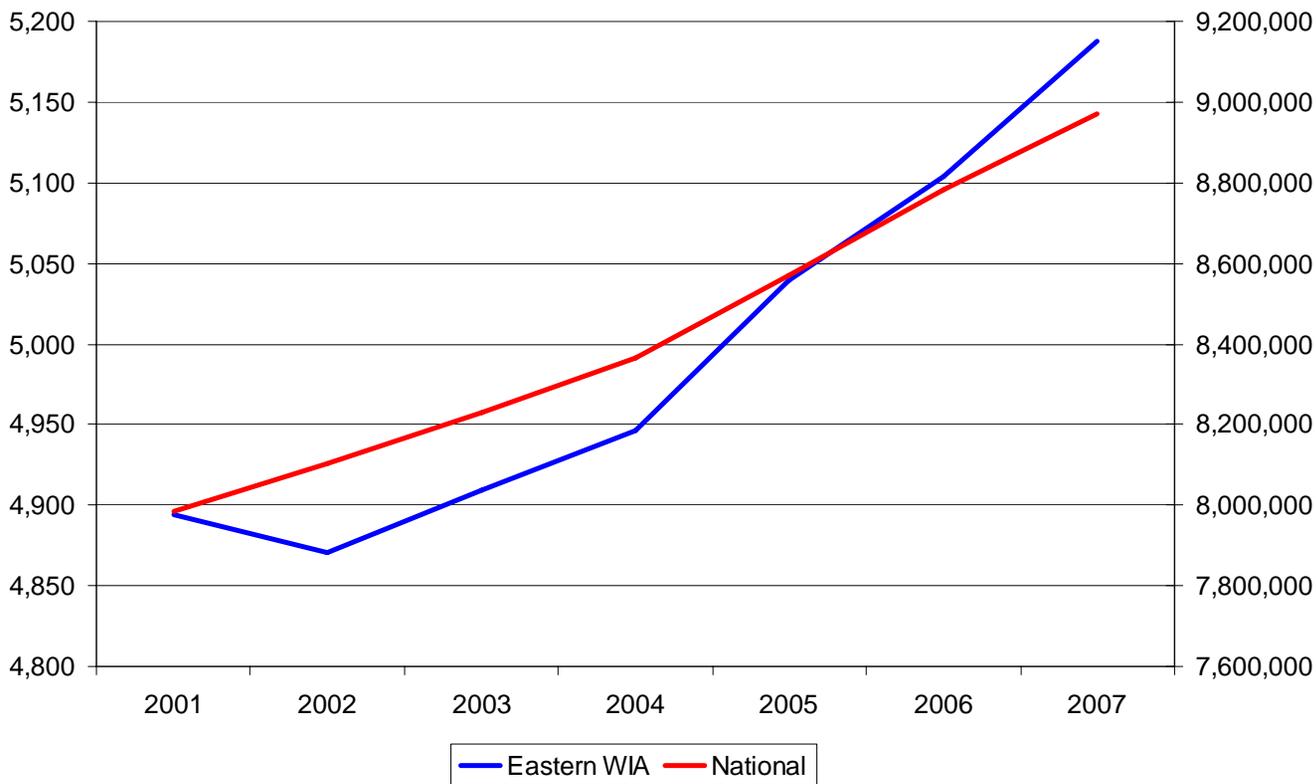
## Total Wages Paid Annually:

The Eastern WIA's total annual wages paid for 2007 was \$2.33 billion. The Eastern WIA contributed 4% of the state's total annual wages paid in 2007. The total annual wages paid in Oklahoma in 2007 was \$54.47 billion dollars.



# Quarterly Census of Employment and Wages

Number of Business Establishments in the Eastern WIA 2001-2007



## About the Data:

The Quarterly Census of Employment and Wages program publishes a quarterly count of employment and wages reported by employers covering ninety-eight percent of U.S. Jobs. You can find complete data sets for all WIA's, MSA's, and Statewide at:

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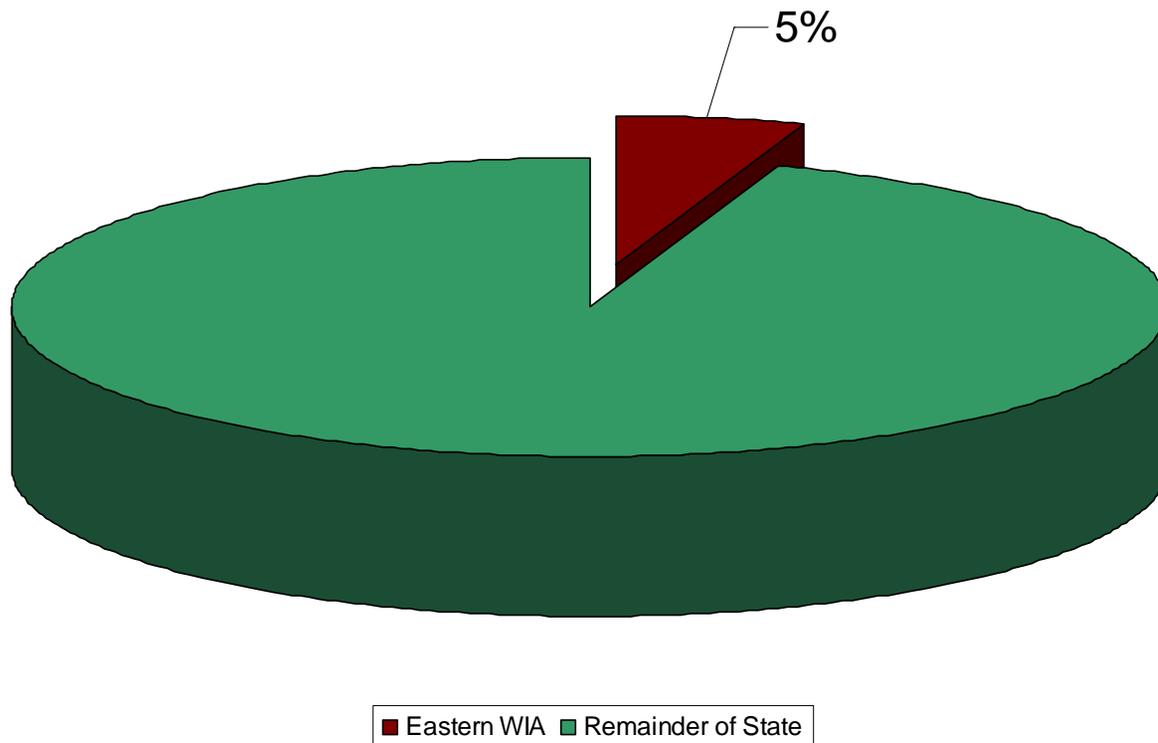
## Number of Business Establishments:

The Eastern WIA has experienced positive growth in the number of business establishments located within its boundaries. Between the years of 2001 and 2007, the Eastern WIA realized a 6.01% increase in the number of business establishments, this equates to 294 establishments.



# Quarterly Census of Employment and Wages

**Percent of Oklahoma's Business Establishments Located in the Eastern WIA 2007**



## About the Data:

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For other states please visit:

<http://www.bls.gov/cew>

## Number of Business Establishments:

Of the 99,459 business establishments in Oklahoma in 2007, five percent, or 5,188, were located in the Eastern WIA.



# Quarterly Census of Employment and Wages

## QCEW Data for the Second Quarter of 2007

| Industry   | Number of Establishments | Average Annual Employment | Total Wages      | Average Weekly Wage |
|--|--------------------------|---------------------------|------------------|---------------------|
| Agriculture, Forestry, Fishing, and Hunting                              | 55                       | 1,376                     | \$7,563,149.00   | \$422.81            |
| Mining   | 59                       | 362                       | \$2,913,408.00   | \$619.08            |
| Utilities  | 88                       | 1,076                     | \$11,189,725.00  | \$799.95            |
| Construction   | 483                      | 3,177                     | \$21,510,084.00  | \$520.87            |
| Manufacturing  | 268                      | 10,565                    | \$101,548,987.00 | \$739.37            |
| Wholesale Trade  | 173                      | 1,881                     | \$14,734,673.00  | \$602.57            |
| Retail Trade   | 812                      | 9,719                     | \$45,660,704.00  | \$361.39            |
| Transportation and Warehousing   | 194                      | 2,157                     | \$19,579,274.00  | \$698.35            |
| Information  | 99                       | 797                       | \$5,906,280.00   | \$570.05            |
| Finance and Insurance  | 341                      | 2,127                     | \$17,028,345.00  | \$615.73            |
| Real Estate and Rental and Leasing                                       | 169                      | 543                       | \$2,668,668.00   | \$378.28            |
| Professional, Scientific and Technical Services                          | 344                      | 1,647                     | \$11,833,547.00  | \$552.57            |
| Management of Companies and Enterprises                                  | 13                       | 220                       | \$2,803,583.00   | \$978.79            |
| Administrative and Support and Waste Management and Remediation Services | 237                      | 3,368                     | \$15,442,259.00  | \$353.71            |
| Educational Services   | 92                       | 10,547                    | \$93,410,399.00  | \$681.25            |
| Health Care and Social Assistance  | 653                      | 13,754                    | \$101,274,978.00 | \$566.42            |
| Arts, Entertainment and Recreation                                       | 83                       | 3,255                     | \$23,141,075.00  | \$546.82            |
| Accommodation and Food Services  | 423                      | 6,936                     | \$17,355,398.00  | \$192.47            |
| Other Services (except Public Administration)                            | 323                      | 1,526                     | \$6,994,193.00   | \$352.64            |
| Public Administration  | 268                      | 8,167                     | \$63,398,478.00  | \$597.11            |
| Unclassified   | 8                        | 35                        | \$223,240.00     | \$495.36            |

### About the Data:

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For other states please visit:

<http://www.bls.gov/cew>

### Second Quarter 2007 Data:

In the Eastern WIA, the "Health Care and Social Assistance" industry, with an average annual employment of 13,754, employs the most people. The "Retail Trade" industry is responsible for having the most establishments. It is, however, the "Management of Companies and Enterprises" industry that has the highest average weekly wage at \$978.79.

# Employment Projections 2004-2014

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title                                    | Employment    |               | Change, 2004-2014 |               | Total Openings | Education and Training                           |
|-----------------|---|---------------|---------------|-------------------|---------------|----------------|--|
|                 |   | 2004          | 2014          | Numeric           | Percent       |                |  |
| <b>00-0000</b>  | <b>Total, All Occupations</b>                       | <b>80,430</b> | <b>92,190</b> | <b>11,760</b>     | <b>14.63%</b> | <b>32,490</b>  |  |
| 41-2011         | Cashiers  | 3,760         | 4,270         | 510               | 13.59%        | 2,340          | Short-term on-the-job training                   |
| 41-2031         | Retail Salespersons                                 | 2,330         | 3,050         | 720               | 30.72%        | 1,560          | Short-term on-the-job training                   |
| 35-3021         | Combined Food Preparation and Serving Workers,      | 1,910         | 2,100         | 200               | 10.39%        | 1,020          | Short-term on-the-job training                   |
| 31-1012         | Nursing Aides, Orderlies, and Attendants            | 2,110         | 2,680         | 570               | 27.10%        | 850            | Postsecondary vocational training                |
| 29-1111         | Registered Nurses                                   | 1,340         | 1,780         | 440               | 33.13%        | 720            | Associate degree                                 |
| 51-9198         | Helpers--Production Workers                         | 1,320         | 1,590         | 270               | 20.47%        | 640            | Short-term on-the-job training                   |
| 31-1011         | Home Health Aides                                   | 770           | 1,220         | 450               | 58.83%        | 550            | Short-term on-the-job training                   |
| 35-3031         | Waiters and Waitresses                              | 930           | 1,000         | 70                | 7.75%         | 550            | Short-term on-the-job training                   |
| 37-2011         | Janitors and Cleaners, Except Maids and Houseke     | 1,140         | 1,420         | 280               | 24.32%        | 500            | Short-term on-the-job training                   |
| 51-2092         | Team Assemblers                                     | 1,820         | 1,830         | 20                | 0.88%         | 490            | Moderate-term on-the-job training                |
| 29-2061         | Licensed Practical and Licensed Vocational Nurse    | 1,150         | 1,380         | 230               | 19.72%        | 480            | Postsecondary vocational training                |
| 25-2021         | Elementary School Teachers, Except Special Educa    | 1,340         | 1,510         | 170               | 12.95%        | 470            | Bachelor's degree                                |
| 43-9061         | Office Clerks, General                              | 1,600         | 1,710         | 100               | 6.49%         | 460            | Short-term on-the-job training                   |
| 25-9041         | Teacher Assistants                                  | 1,030         | 1,240         | 210               | 20.23%        | 410            | Short-term on-the-job training                   |
| 41-1011         | First-Line Supervisors/Managers of Retail Sales W   | 1,140         | 1,330         | 190               | 16.90%        | 400            | Work experience in a related occupation          |
| 11-1021         | General and Operations Managers                     | 1,090         | 1,270         | 170               | 15.63%        | 380            | Bachelor's or higher degree, plus work experienc |
| 43-5081         | Stock Clerks and Order Fillers                      | 870           | 900           | 30                | 3.44%         | 350            | Short-term on-the-job training                   |
| 35-2011         | Cooks, Fast Food                                    | 890           | 960           | 70                | 7.50%         | 340            | Short-term on-the-job training                   |
| 53-7062         | Laborers and Freight, Stock, and Material Movers, H | 850           | 920           | 70                | 7.75%         | 340            | Short-term on-the-job training                   |
| 49-9042         | Maintenance and Repair Workers, General             | 870           | 1,010         | 140               | 15.81%        | 310            | Moderate-term on-the-job training                |
| 33-3051         | Police and Sheriff's Patrol Officers                | 500           | 660           | 170               | 33.94%        | 300            | Long-term on-the-job training                    |
| 35-2012         | Cooks, Institution and Cafeteria                    | 820           | 870           | 50                | 5.87%         | 300            | Moderate-term on-the-job training                |
| 35-2021         | Food Preparation Workers                            | 540           | 640           | 90                | 17.16%        | 290            | Short-term on-the-job training                   |
| 43-3071         | Tellers   | 430           | 500           | 70                | 15.67%        | 280            | Short-term on-the-job training                   |
| 25-2031         | Secondary School Teachers, Except Special and Vc    | 700           | 770           | 70                | 10.34%        | 270            | Bachelor's degree                                |
| 43-4051         | Customer Service Representatives                    | 680           | 830           | 140               | 21.05%        | 250            | Moderate-term on-the-job training                |
| 21-1021         | Child, Family, and School Social Workers            | 590           | 740           | 140               | 24.16%        | 240            | Bachelor's degree                                |
| 49-3023         | Automotive Service Technicians and Mechanics        | 550           | 650           | 100               | 17.85%        | 240            | Postsecondary vocational training                |
| 43-6014         | Secretaries, Except Legal, Medical, and Executive   | 1,260         | 1,220         | -40               | -2.87%        | 240            | Moderate-term on-the-job training                |
| 47-4051         | Highway Maintenance Workers                         | 350           | 510           | 170               | 47.70%        | 220            | Moderate-term on-the-job training                |

## About the Data:

The Occupational Outlook attempts to project employment over a ten year period.

Occupations are categorized according to the Standard Occupational Classification Manual.

The complete occupational outlook table for the Eastern WIA can be found in the appendix of this report. For statewide or other areas, please visit the OESC's Labor Market Information website at:

<http://www.oesc.state.ok.us/lmi>

## Occupation with the Most Openings:

Between 2004 and 2014, the Eastern WIA is estimated to add 11,760 jobs. Of those, "cashiers", "retail salesperson", and "Combined Food Preparation and Serving Workers" are expected to have the most openings.

# Employment Projections 2004-2014

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title  | Employment    |               | Change, 2004-2014 |               | Total Openings | Education and Training                            |
|-----------------|---|---------------|---------------|-------------------|---------------|----------------|---|
|                 |   | 2004          | 2014          | Numeric           | Percent       |                |   |
| <b>00-0000</b>  | <b>Total, All Occupations</b>   | <b>80,430</b> | <b>92,190</b> | <b>11,760</b>     | <b>14.63%</b> | <b>32,490</b>  |   |
| 41-2031         | Retail Salespersons   | 2,330         | 3,050         | 720               | 30.72%        | 1,560          | Short-term on-the-job training                    |
| 31-1012         | Nursing Aides, Orderlies, and Attendants                                | 2,110         | 2,680         | 570               | 27.10%        | 850            | Postsecondary vocational training                 |
| 41-2011         | Cashiers  | 3,760         | 4,270         | 510               | 13.59%        | 2,340          | Short-term on-the-job training                    |
| 31-1011         | Home Health Aides   | 770           | 1,220         | 450               | 58.83%        | 550            | Short-term on-the-job training                    |
| 29-1111         | Registered Nurses   | 1,340         | 1,780         | 440               | 33.13%        | 720            | Associate degree                                  |
| 37-2011         | Janitors and Cleaners, Except Maids and Housekeepers                    | 1,140         | 1,420         | 280               | 24.32%        | 500            | Short-term on-the-job training                    |
| 51-9198         | Helpers--Production Workers   | 1,320         | 1,590         | 270               | 20.47%        | 640            | Short-term on-the-job training                    |
| 29-2061         | Licensed Practical and Licensed Vocational Nurses                       | 1,150         | 1,380         | 230               | 19.72%        | 480            | Postsecondary vocational training                 |
| 25-9041         | Teacher Assistants  | 1,030         | 1,240         | 210               | 20.23%        | 410            | Short-term on-the-job training                    |
| 35-3021         | Combined Food Preparation and Serving Workers, Except Short-Order Cooks | 1,910         | 2,100         | 200               | 10.39%        | 1,020          | Short-term on-the-job training                    |
| 41-1011         | First-Line Supervisors/Managers of Retail Sales Workers                 | 1,140         | 1,330         | 190               | 16.90%        | 400            | Work experience in a related occupation           |
| 11-1021         | General and Operations Managers   | 1,090         | 1,270         | 170               | 15.63%        | 380            | Bachelor's or higher degree, plus work experience |
| 25-2021         | Elementary School Teachers, Except Special Education                    | 1,340         | 1,510         | 170               | 12.95%        | 470            | Bachelor's degree                                 |
| 33-3051         | Police and Sheriff's Patrol Officers                                    | 500           | 660           | 170               | 33.94%        | 300            | Long-term on-the-job training                     |
| 47-4051         | Highway Maintenance Workers   | 350           | 510           | 170               | 47.70%        | 220            | Moderate-term on-the-job training                 |
| 21-1021         | Child, Family, and School Social Workers                                | 590           | 740           | 140               | 24.16%        | 240            | Bachelor's degree                                 |
| 43-4051         | Customer Service Representatives  | 680           | 830           | 140               | 21.05%        | 250            | Moderate-term on-the-job training                 |
| 49-9042         | Maintenance and Repair Workers, General                                 | 870           | 1,010         | 140               | 15.81%        | 310            | Moderate-term on-the-job training                 |
| 25-3099         | Teachers and Instructors, All Other                                     | 630           | 750           | 120               | 18.95%        | 200            | Bachelor's degree                                 |
| 29-2041         | Emergency Medical Technicians and Paramedics                            | 250           | 380           | 120               | 48.43%        | 150            | Postsecondary vocational training                 |
| 31-9091         | Dental Assistants   | 230           | 330           | 110               | 46.26%        | 170            | Moderate-term on-the-job training                 |
| 25-2011         | Preschool Teachers, Except Special Education                            | 260           | 360           | 100               | 38.46%        | 130            | Postsecondary vocational training                 |
| 37-2012         | Maids and Housekeeping Cleaners   | 530           | 630           | 100               | 18.90%        | 210            | Short-term on-the-job training                    |
| 43-9061         | Office Clerks, General  | 1,600         | 1,710         | 100               | 6.49%         | 460            | Short-term on-the-job training                    |
| 49-3023         | Automotive Service Technicians and Mechanics                            | 550           | 650           | 100               | 17.85%        | 240            | Postsecondary vocational training                 |
| 35-2021         | Food Preparation Workers  | 540           | 640           | 90                | 17.16%        | 290            | Short-term on-the-job training                    |
| 11-1011         | Chief Executives  | 400           | 480           | 70                | 18.41%        | 150            | Bachelor's or higher degree, plus work experience |
| 21-1093         | Social and Human Service Assistants                                     | 180           | 250           | 70                | 40.91%        | 100            | Moderate-term on-the-job training                 |
| 25-2031         | Secondary School Teachers, Except Special and Vocational Education      | 700           | 770           | 70                | 10.34%        | 270            | Bachelor's degree                                 |
| 29-2071         | Medical Records and Health Information Technicians                      | 220           | 290           | 70                | 31.96%        | 100            | Associate degree                                  |

## About the Data:

The Occupational Outlook attempts to project employment over a ten year period.

Occupations are categorized according to the Standard Occupational Classification Manual.

The complete occupational outlook table for the Eastern WIA can be found in the appendix of this report. For statewide or other areas, please visit the OESC's Labor Market Information website at:

<http://www.oesc.state.ok.us/lmi>

## Occupations with the Most Growth:

For the Eastern WIA, "retail salespersons", "Nursing Aides, Orderlies, and Attendants", and "Cashiers" are expected to have the most job growth. Job growth is defined as new positions available due to growth or expansion, as opposed to including employee turnover.

# Industry Projections 2004-2014

## EASTERN WORKFORCE INVESTMENT AREA INDUSTRY EMPLOYMENT OUTLOOK, 2004-2014

| INDUSTRY   | EMPLOYMENT |        | Employment Change, 2004-2014 |         |
|--|------------|--------|------------------------------|---------|
|  | 2004       | 2014   | Numeric                      | Percent |
| Total  | 75,530     | 88,000 | 12,460                       | 16.50%  |
| Agriculture, Forestry, Fishing and Hunting                               | 1,190      | 1,180  | -10                          | -1.20%  |
| Mining   | 230        | 160    | -70                          | -31.28% |
| Utilities  | 530        | 390    | -150                         | -27.34% |
| Construction   | 2,710      | 2,940  | 230                          | 8.48%   |
| Manufacturing  | 8,750      | 8,120  | -640                         | -7.26%  |
| Wholesale Trade  | 1,790      | 1,980  | 190                          | 10.92%  |
| Retail Trade   | 10,510     | 12,880 | 2,370                        | 22.54%  |
| Transportation and Warehousing   | 1,070      | 1,010  | -70                          | -6.18%  |
| Information  | 570        | 420    | -150                         | -26.31% |
| Finance and Insurance  | 2,140      | 2,450  | 310                          | 14.52%  |
| Real Estate and Rental and Leasing                                       | 510        | 610    | 100                          | 20.05%  |
| Professional, Scientific, and Technical Services                         | 1,340      | 1,540  | 200                          | 14.96%  |
| Management of Companies and Enterprises                                  | 300        | 140    | -160                         | -52.96% |
| Administrative and Support and Waste Management and Remediation Services | 2,470      | 3,220  | 750                          | 30.45%  |
| Educational Services   | 9,940      | 11,340 | 1,400                        | 14.14%  |
| Health Care and Social Assistance  | 11,410     | 15,450 | 4,040                        | 35.38%  |
| Arts, Entertainment, and Recreation                                      | 570        | 300    | -270                         | -47.31% |
| Accommodation and Food Services  | 5,960      | 6,410  | 450                          | 7.57%   |
| Other Services (except Public Administration)                            | 1,380      | 1,390  | 20                           | 1.15%   |
| Federal Government   | 2,730      | 2,900  | 170                          | 6.35%   |
| State Government   | 1,910      | 1,940  | 30                           | 1.44%   |
| Local Government   | 7,530      | 10,280 | 2,750                        | 36.59%  |

### About the Data:

The Industry projections attempts to project change in industry employment over a ten year period. Industries are categorized according to the North American Industry Classification System.

For statewide or other areas, please visit the OESC's Labor Market Information website at:

<http://www.oesc.state.ok.us/lmi>

### Industry Projections:

For the Eastern WIA, the "Health Care and Social Assistance" industry is expected to experience the greatest growth in employment. Eight of the twenty-two industry sectors are projected to experience a decrease in employment between 2004 and 2014.

# Appendix

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**EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014**

| Occupation Code | Occupation Title                                       | Employment |        | Employment Change, 2004-2014 |         | Total Openings | Education and Training                           |
|-----------------|--|------------|--------|------------------------------|---------|----------------|--|
|                 |  | 2004       | 2014   | Numeric                      | Percent |                |  |
| 00-0000         | Total, All Occupations                                 | 80,430     | 92,190 | 11,760                       | 14.63%  | 32,490         |  |
| 11-1011         | Chief Executives                                       | 400        | 480    | 70                           | 18.41%  | 150            | Bachelor's or higher degree, plus work experienc |
| 11-1021         | General and Operations Managers                        | 1,090      | 1,270  | 170                          | 15.63%  | 380            | Bachelor's or higher degree, plus work experienc |
| 11-1031         | Legislators  | 60         | 70     | 10                           | 15.79%  | 20             | Bachelor's or higher degree, plus work experienc |
| 11-2021         | Marketing Managers                                     | 40         | 40     | 0                            | 10.81%  | 10             | Bachelor's or higher degree, plus work experienc |
| 11-2022         | Sales Managers   | 110        | 140    | 30                           | 24.55%  | 50             | Bachelor's or higher degree, plus work experienc |
| 11-2031         | Public Relations Managers                              | 20         | 30     | 10                           | 26.09%  | 10             | Bachelor's or higher degree, plus work experienc |
| 11-3021         | Computer and Information Systems Managers              | 50         | 60     | 10                           | 15.38%  | 20             | Bachelor's or higher degree, plus work experienc |
| 11-3031         | Financial Managers                                     | 220        | 260    | 40                           | 20.00%  | 80             | Bachelor's or higher degree, plus work experienc |
| 11-3041         | Compensation and Benefits Managers                     | 50         | 60     | 10                           | 27.08%  | 20             | Bachelor's or higher degree, plus work experienc |
| 11-3051         | Industrial Production Managers                         | 80         | 80     | 0                            | -3.66%  | 20             | Work experience in a related occupation          |
| 11-3061         | Purchasing Managers                                    | 20         | 20     | 0                            | 0.00%   | 10             | Bachelor's or higher degree, plus work experienc |
| 11-3071         | Transportation, Storage, and Distribution Managers     | 30         | 30     | 0                            | 0.00%   | 10             | Work experience in a related occupation          |
| 11-9021         | Construction Managers                                  | 280        | 280    | -10                          | -2.14%  | 50             | Bachelor's degree                                |
| 11-9031         | Education Administrators, Preschool and Child Care Ce  | 50         | 70     | 20                           | 32.69%  | 30             | Bachelor's or higher degree, plus work experienc |
| 11-9032         | Education Administrators, Elementary and Secondary S   | 220        | 240    | 20                           | 9.95%   | 80             | Bachelor's or higher degree, plus work experienc |
| 11-9041         | Engineering Managers                                   | 40         | 40     | 0                            | 0.00%   | 10             | Bachelor's or higher degree, plus work experienc |
| 11-9051         | Food Service Managers                                  | 400        | 420    | 20                           | 5.01%   | 90             | Work experience in a related occupation          |
| 11-9081         | Lodging Managers                                       | 70         | 80     | 10                           | 6.76%   | 20             | Work experience in a related occupation          |
| 11-9111         | Medical and Health Services Managers                   | 230        | 290    | 60                           | 25.99%  | 100            | Bachelor's or higher degree, plus work experienc |
| 11-9131         | Postmasters and Mail Superintendents                   | 50         | 50     | 0                            | 4.17%   | 10             | Work experience in a related occupation          |
| 11-9151         | Social and Community Service Managers                  | 120        | 170    | 40                           | 34.96%  | 70             | Bachelor's degree                                |
| 11-9199         | Managers, All Other                                    | 220        | 240    | 20                           | 10.23%  | 60             | Work experience in a related occupation          |
| 13-1022         | Wholesale and Retail Buyers, Except Farm Products      | 40         | 40     | 0                            | 10.00%  | 10             | Work experience in a related occupation          |
| 13-1023         | Purchasing Agents, Except Wholesale, Retail, and Farn  | 120        | 120    | 10                           | 6.03%   | 40             | Work experience in a related occupation          |
| 13-1031         | Claims Adjusters, Examiners, and Investigators         | 70         | 80     | 20                           | 23.53%  | 20             | Long-term on-the-job training                    |
| 13-1041         | Compliance Officers, Except Agriculture, Construction, | 80         | 80     | 10                           | 12.00%  | 30             | Long-term on-the-job training                    |
| 13-1051         | Cost Estimators  | 50         | 50     | 10                           | 11.11%  | 20             | Work experience in a related occupation          |
| 13-1071         | Employment, Recruitment, and Placement Specialists     | 30         | 50     | 10                           | 36.36%  | 20             | Bachelor's degree                                |
| 13-1072         | Compensation, Benefits, and Job Analysis Specialists   | 40         | 50     | 10                           | 20.00%  | 10             | Bachelor's degree                                |
| 13-1073         | Training and Development Specialists                   | 120        | 140    | 20                           | 14.52%  | 40             | Bachelor's degree                                |
| 13-1079         | Human Resources, Training, and Labor Relations Spec    | 20         | 20     | 10                           | 26.32%  | 10             | Bachelor's degree                                |
| 13-1111         | Management Analysts                                    | 140        | 150    | 10                           | 5.59%   | 30             | Bachelor's or higher degree, plus work experienc |
| 13-1199         | Business Operations Specialists, All Other             | 150        | 190    | 40                           | 23.84%  | 60             | Bachelor's degree                                |
| 13-2011         | Accountants and Auditors                               | 440        | 490    | 50                           | 12.36%  | 140            | Bachelor's degree                                |
| 13-2021         | Appraisers and Assessors of Real Estate                | 70         | 90     | 20                           | 36.92%  | 40             | Postsecondary vocational training                |
| 13-2031         | Budget Analysts  | 20         | 20     | 10                           | 29.41%  | 10             | Bachelor's degree                                |
| 13-2051         | Financial Analysts                                     | 20         | 30     | 0                            | 16.67%  | 10             | Bachelor's degree                                |
| 13-2072         | Loan Officers  | 140        | 170    | 30                           | 18.06%  | 50             | Bachelor's degree                                |

**EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014**

| Occupation Code | Occupation Title  | Employment |       | Employment Change, 2004-2014 |         | Total Openings | Education and Training                           |
|-----------------|---|------------|-------|------------------------------|---------|----------------|--|
|                 |   | 2004       | 2014  | Numeric                      | Percent |                |  |
| 13-2081         | Tax Examiners, Collectors, and Revenue Agents           | 50         | 70    | 10                           | 25.93%  | 30             | Bachelor's degree                                |
| 15-1021         | Computer Programmers                                    | 50         | 50    | 0                            | -8.00%  | 10             | Bachelor's degree                                |
| 15-1031         | Computer Software Engineers, Applications               | 40         | 40    | 10                           | 22.22%  | 10             | Bachelor's degree                                |
| 15-1041         | Computer Support Specialists                            | 120        | 140   | 20                           | 15.32%  | 30             | Associate degree                                 |
| 15-1051         | Computer Systems Analysts                               | 60         | 80    | 20                           | 26.98%  | 20             | Bachelor's degree                                |
| 15-1071         | Network and Computer Systems Administrators             | 40         | 60    | 20                           | 39.02%  | 20             | Bachelor's degree                                |
| 17-1011         | Architects, Except Landscape and Naval                  | 20         | 30    | 0                            | 13.04%  | 10             | Bachelor's degree                                |
| 17-2051         | Civil Engineers   | 30         | 40    | 0                            | 12.50%  | 10             | Bachelor's degree                                |
| 17-2111         | Health and Safety Engineers, Except Mining Safety Eng   | 40         | 40    | 0                            | -5.41%  | 10             | Bachelor's degree                                |
| 17-2112         | Industrial Engineers                                    | 30         | 40    | 0                            | 8.82%   | 10             | Bachelor's degree                                |
| 17-2199         | Engineers, All Other                                    | 30         | 30    | 0                            | 0.00%   | 10             | Bachelor's degree                                |
| 17-3011         | Architectural and Civil Drafters                        | 20         | 20    | 0                            | 4.76%   | 10             | Postsecondary vocational training                |
| 17-3023         | Electrical and Electronic Engineering Technicians       | 30         | 20    | 0                            | -15.38% | 10             | Associate degree                                 |
| 17-3031         | Surveying and Mapping Technicians                       | 70         | 50    | -20                          | -26.15% | 20             | Moderate-term on-the-job training                |
| 19-1029         | Biological Scientists, All Other                        | 30         | 30    | 10                           | 17.86%  | 10             | Bachelor's degree                                |
| 19-1031         | Conservation Scientists                                 | 20         | 20    | 0                            | 5.26%   | 10             | Bachelor's degree                                |
| 19-2031         | Chemists  | 20         | 20    | 0                            | 6.67%   | 10             | Bachelor's degree                                |
| 19-2041         | Environmental Scientists and Specialists, Including Hea | 20         | 20    | 0                            | 25.00%  | 10             | Master's degree                                  |
| 19-3021         | Market Research Analysts                                | 60         | 60    | 0                            | 1.79%   | 20             | Bachelor's degree                                |
| 19-3031         | Clinical, Counseling, and School Psychologists          | 120        | 150   | 30                           | 26.09%  | 60             | Doctoral degree                                  |
| 21-1012         | Educational, Vocational, and School Counselors          | 260        | 300   | 40                           | 17.05%  | 100            | Master's degree                                  |
| 21-1014         | Mental Health Counselors                                | 40         | 60    | 20                           | 34.09%  | 30             | Master's degree                                  |
| 21-1021         | Child, Family, and School Social Workers                | 590        | 740   | 140                          | 24.16%  | 240            | Bachelor's degree                                |
| 21-1022         | Medical and Public Health Social Workers                | 40         | 60    | 20                           | 41.03%  | 20             | Bachelor's degree                                |
| 21-1029         | Social Workers, All Other                               | 40         | 50    | 0                            | 6.82%   | 10             | Bachelor's degree                                |
| 21-1091         | Health Educators  | 20         | 30    | 10                           | 28.57%  | 10             | Master's degree                                  |
| 21-1092         | Probation Officers and Correctional Treatment Specialis | 40         | 50    | 10                           | 17.50%  | 10             | Bachelor's degree                                |
| 21-1093         | Social and Human Service Assistants                     | 180        | 250   | 70                           | 40.91%  | 100            | Moderate-term on-the-job training                |
| 23-1011         | Lawyers   | 100        | 120   | 20                           | 22.77%  | 40             | First professional degree                        |
| 23-1021         | Administrative Law Judges, Adjudicators, and Hearing C  | 60         | 70    | 10                           | 11.29%  | 20             | Bachelor's or higher degree, plus work experienc |
| 23-1023         | Judges, Magistrate Judges, and Magistrates              | 20         | 20    | 0                            | 20.00%  | 10             | Bachelor's or higher degree, plus work experienc |
| 23-2011         | Paralegals and Legal Assistants                         | 20         | 20    | 0                            | 18.75%  | 0              | Associate degree                                 |
| 23-2092         | Law Clerks  | 20         | 20    | 0                            | 12.50%  | 0              | Bachelor's degree                                |
| 23-2099         | Legal Support Workers, All Other                        | 360        | 390   | 30                           | 8.08%   | 70             | Bachelor's degree                                |
| 25-1072         | Nursing Instructors and Teachers, Postsecondary         | 40         | 50    | 10                           | 29.27%  | 20             | Doctoral degree                                  |
| 25-2011         | Preschool Teachers, Except Special Education            | 260        | 360   | 100                          | 38.46%  | 130            | Postsecondary vocational training                |
| 25-2012         | Kindergarten Teachers, Except Special Education         | 180        | 220   | 40                           | 19.44%  | 60             | Bachelor's degree                                |
| 25-2021         | Elementary School Teachers, Except Special Educator     | 1,340      | 1,510 | 170                          | 12.95%  | 470            | Bachelor's degree                                |
| 25-2022         | Middle School Teachers, Except Special and Vocationa    | 600        | 650   | 50                           | 7.67%   | 180            | Bachelor's degree                                |

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title                                       | Employment |       | Employment Change, 2004-2014 |         | Total Openings | Education and Training                           |
|-----------------|--|------------|-------|------------------------------|---------|----------------|--|
|                 |  | 2004       | 2014  | Numeric                      | Percent |                |  |
| 25-2023         | Vocational Education Teachers, Middle School           | 20         | 20    | 0                            | 6.67%   | 0              | Bachelor's or higher degree, plus work experienc |
| 25-2031         | Secondary School Teachers, Except Special and Vocat    | 700        | 770   | 70                           | 10.34%  | 270            | Bachelor's degree                                |
| 25-2032         | Vocational Education Teachers, Secondary School        | 70         | 80    | 10                           | 9.86%   | 30             | Bachelor's or higher degree, plus work experienc |
| 25-2041         | Special Education Teachers, Preschool, Kindergarten, & | 180        | 220   | 40                           | 24.00%  | 80             | Bachelor's degree                                |
| 25-2042         | Special Education Teachers, Middle School              | 80         | 90    | 20                           | 22.08%  | 40             | Bachelor's degree                                |
| 25-2043         | Special Education Teachers, Secondary School           | 100        | 120   | 20                           | 17.17%  | 40             | Bachelor's degree                                |
| 25-3011         | Adult Literacy, Remedial Education, and GED Teachers   | 50         | 60    | 10                           | 15.38%  | 10             | Bachelor's degree                                |
| 25-3099         | Teachers and Instructors, All Other                    | 630        | 750   | 120                          | 18.95%  | 200            | Bachelor's degree                                |
| 25-4021         | Librarians   | 120        | 130   | 10                           | 5.00%   | 40             | Master's degree                                  |
| 25-4031         | Library Technicians                                    | 80         | 90    | 10                           | 15.79%  | 40             | Postsecondary vocational training                |
| 25-9031         | Instructional Coordinators                             | 60         | 70    | 10                           | 23.64%  | 20             | Master's degree                                  |
| 25-9041         | Teacher Assistants                                     | 1,030      | 1,240 | 210                          | 20.23%  | 410            | Short-term on-the-job training                   |
| 27-1023         | Floral Designers                                       | 50         | 70    | 10                           | 24.07%  | 20             | Moderate-term on-the-job training                |
| 27-1024         | Graphic Designers                                      | 50         | 50    | 0                            | -8.16%  | 10             | Bachelor's degree                                |
| 27-1026         | Merchandise Displayers and Window Trimmers             | 50         | 60    | 10                           | 18.00%  | 20             | Moderate-term on-the-job training                |
| 27-2022         | Coaches and Scouts                                     | 110        | 120   | 20                           | 14.15%  | 40             | Long-term on-the-job training                    |
| 27-3022         | Reporters and Correspondents                           | 20         | 20    | -10                          | -28.57% | 10             | Bachelor's or higher degree, plus work experienc |
| 27-3031         | Public Relations Specialists                           | 50         | 50    | 0                            | -2.17%  | 10             | Bachelor's degree                                |
| 27-3091         | Interpreters and Translators                           | 20         | 20    | 0                            | 12.50%  | 0              | Long-term on-the-job training                    |
| 29-1021         | Dentists, General                                      | 110        | 130   | 20                           | 18.58%  | 40             | First professional degree                        |
| 29-1031         | Dietitians and Nutritionists                           | 90         | 110   | 20                           | 21.98%  | 40             | Bachelor's degree                                |
| 29-1051         | Pharmacists  | 100        | 130   | 30                           | 34.69%  | 50             | First professional degree                        |
| 29-1071         | Physician Assistants                                   | 20         | 20    | 10                           | 26.32%  | 10             | Bachelor's degree                                |
| 29-1111         | Registered Nurses                                      | 1,340      | 1,780 | 440                          | 33.13%  | 720            | Associate degree                                 |
| 29-1122         | Occupational Therapists                                | 30         | 50    | 20                           | 48.39%  | 20             | Master's degree                                  |
| 29-1123         | Physical Therapists                                    | 90         | 140   | 40                           | 45.16%  | 50             | Master's degree                                  |
| 29-1126         | Respiratory Therapists                                 | 60         | 80    | 20                           | 35.00%  | 40             | Associate degree                                 |
| 29-1127         | Speech-Language Pathologists                           | 90         | 100   | 10                           | 11.24%  | 30             | Master's degree                                  |
| 29-2011         | Medical and Clinical Laboratory Technologists          | 80         | 90    | 20                           | 20.51%  | 40             | Bachelor's degree                                |
| 29-2012         | Medical and Clinical Laboratory Technicians            | 70         | 90    | 20                           | 25.00%  | 40             | Associate degree                                 |
| 29-2021         | Dental Hygienists                                      | 70         | 100   | 30                           | 48.57%  | 40             | Associate degree                                 |
| 29-2031         | Cardiovascular Technologists and Technicians           | 50         | 70    | 20                           | 37.50%  | 30             | Associate degree                                 |
| 29-2032         | Diagnostic Medical Sonographers                        | 30         | 40    | 10                           | 39.29%  | 20             | Associate degree                                 |
| 29-2034         | Radiologic Technologists and Technicians               | 180        | 230   | 50                           | 26.92%  | 80             | Associate degree                                 |
| 29-2041         | Emergency Medical Technicians and Paramedics           | 250        | 380   | 120                          | 48.43%  | 150            | Postsecondary vocational training                |
| 29-2052         | Pharmacy Technicians                                   | 150        | 200   | 50                           | 35.81%  | 70             | Moderate-term on-the-job training                |
| 29-2054         | Respiratory Therapy Technicians                        | 20         | 20    | 0                            | 13.33%  | 0              | Associate degree                                 |
| 29-2055         | Surgical Technologists                                 | 50         | 60    | 20                           | 37.78%  | 20             | Postsecondary vocational training                |
| 29-2061         | Licensed Practical and Licensed Vocational Nurses      | 1,150      | 1,380 | 230                          | 19.72%  | 480            | Postsecondary vocational training                |

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title   | Employment |       | Employment Change, 2004-2014 |         | Total Openings | Education and Training                  |
|-----------------|--|------------|-------|------------------------------|---------|----------------|---|
|                 |  | 2004       | 2014  | Numeric                      | Percent |                |   |
| 29-2071         | Medical Records and Health Information Technicians   | 220        | 290   | 70                           | 31.96%  | 100            | Associate degree                        |
| 29-9011         | Occupational Health and Safety Specialists   | 20         | 30    | 10                           | 30.00%  | 10             | Bachelor's degree                       |
| 31-1011         | Home Health Aides  | 770        | 1,220 | 450                          | 58.83%  | 550            | Short-term on-the-job training          |
| 31-1012         | Nursing Aides, Orderlies, and Attendants   | 2,110      | 2,680 | 570                          | 27.10%  | 850            | Postsecondary vocational training       |
| 31-2021         | Physical Therapist Assistants  | 50         | 70    | 20                           | 42.31%  | 30             | Associate degree                        |
| 31-2022         | Physical Therapist Aides   | 20         | 30    | 10                           | 36.84%  | 10             | Short-term on-the-job training          |
| 31-9091         | Dental Assistants  | 230        | 330   | 110                          | 46.26%  | 170            | Moderate-term on-the-job training       |
| 31-9092         | Medical Assistants   | 90         | 140   | 50                           | 60.00%  | 70             | Moderate-term on-the-job training       |
| 31-9094         | Medical Transcriptionists  | 30         | 40    | 10                           | 29.41%  | 20             | Postsecondary vocational training       |
| 31-9099         | Healthcare Support Workers, All Other  | 20         | 20    | 0                            | 10.00%  | 10             | Short-term on-the-job training          |
| 33-1012         | First-Line Supervisors/Managers of Police and Detectives   | 30         | 40    | 10                           | 37.04%  | 20             | Work experience in a related occupation |
| 33-2011         | Fire Fighters  | 120        | 180   | 60                           | 50.43%  | 90             | Long-term on-the-job training           |
| 33-3012         | Correctional Officers and Jailers  | 290        | 360   | 70                           | 22.41%  | 130            | Moderate-term on-the-job training       |
| 33-3021         | Detectives and Criminal Investigators  | 60         | 70    | 20                           | 30.91%  | 30             | Work experience in a related occupation |
| 33-3051         | Police and Sheriff's Patrol Officers   | 500        | 660   | 170                          | 33.94%  | 300            | Long-term on-the-job training           |
| 33-9021         | Private Detectives and Investigators   | 40         | 40    | 0                            | 7.50%   | 10             | Work experience in a related occupation |
| 33-9032         | Security Guards  | 370        | 380   | 10                           | 3.83%   | 90             | Short-term on-the-job training          |
| 33-9099         | Protective Service Workers, All Other  | 50         | 60    | 10                           | 16.67%  | 50             | Short-term on-the-job training          |
| 35-1012         | First-Line Supervisors/Managers of Food Preparation and Serving Workers  | 390        | 440   | 50                           | 12.85%  | 140            | Work experience in a related occupation |
| 35-2011         | Cooks, Fast Food   | 890        | 960   | 70                           | 7.50%   | 340            | Short-term on-the-job training          |
| 35-2012         | Cooks, Institution and Cafeteria   | 820        | 870   | 50                           | 5.87%   | 300            | Moderate-term on-the-job training       |
| 35-2014         | Cooks, Restaurant  | 290        | 280   | -10                          | -3.85%  | 90             | Long-term on-the-job training           |
| 35-2021         | Food Preparation Workers   | 540        | 640   | 90                           | 17.16%  | 290            | Short-term on-the-job training          |
| 35-3011         | Bartenders   | 100        | 110   | 10                           | 7.00%   | 50             | Short-term on-the-job training          |
| 35-3021         | Combined Food Preparation and Serving Workers, Including Counter Attendants, Cafeteria, Food Concession, and Counter Vendors | 1,910      | 2,100 | 200                          | 10.39%  | 1,020          | Short-term on-the-job training          |
| 35-3022         | Counter Attendants, Cafeteria, Food Concession, and Counter Vendors  | 330        | 340   | 10                           | 1.50%   | 220            | Short-term on-the-job training          |
| 35-3031         | Waiters and Waitresses   | 930        | 1,000 | 70                           | 7.75%   | 550            | Short-term on-the-job training          |
| 35-3041         | Food Servers, Nonrestaurant  | 230        | 230   | 0                            | 0.43%   | 80             | Short-term on-the-job training          |
| 35-9011         | Dining Room and Cafeteria Attendants and Bartenders Helpers  | 50         | 60    | 10                           | 19.57%  | 20             | Short-term on-the-job training          |
| 35-9021         | Dishwashers  | 360        | 390   | 40                           | 9.86%   | 160            | Short-term on-the-job training          |
| 37-1011         | First-Line Supervisors/Managers of Housekeeping and Cleaning Workers   | 70         | 80    | 20                           | 22.39%  | 30             | Work experience in a related occupation |
| 37-1012         | First-Line Supervisors/Managers of Landscaping, Lawn Maintenance, and Greenhouse and Nursery Workers                         | 60         | 70    | 10                           | 16.39%  | 20             | Work experience in a related occupation |
| 37-2011         | Janitors and Cleaners, Except Maids and Housekeeping Cleaners  | 1,140      | 1,420 | 280                          | 24.32%  | 500            | Short-term on-the-job training          |
| 37-2012         | Maids and Housekeeping Cleaners  | 530        | 630   | 100                          | 18.90%  | 210            | Short-term on-the-job training          |
| 37-2021         | Pest Control Workers   | 30         | 40    | 10                           | 16.67%  | 10             | Moderate-term on-the-job training       |
| 37-3011         | Landscaping and Groundskeeping Workers   | 480        | 510   | 30                           | 6.93%   | 140            | Short-term on-the-job training          |
| 39-1021         | First-Line Supervisors/Managers of Personal Service Workers  | 40         | 50    | 10                           | 17.50%  | 20             | Work experience in a related occupation |
| 39-3091         | Amusement and Recreation Attendants  | 40         | 40    | 0                            | 5.71%   | 10             | Short-term on-the-job training          |
| 39-9031         | Fitness Trainers and Aerobics Instructors  | 50         | 30    | -20                          | -34.69% | 10             | Postsecondary vocational training       |

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title  | Employment |       | Employment Change, 2004-2014 |         | Total Openings | Education and Training                  |
|-----------------|---|------------|-------|------------------------------|---------|----------------|---|
|                 |   | 2004       | 2014  | Numeric                      | Percent |                |   |
| 39-9032         | Recreation Workers  | 80         | 100   | 20                           | 23.46%  | 40             | Short-term on-the-job training          |
| 41-1011         | First-Line Supervisors/Managers of Retail Sales Workers                         | 1,140      | 1,330 | 190                          | 16.90%  | 400            | Work experience in a related occupation |
| 41-1012         | First-Line Supervisors/Managers of Non-Retail Sales Workers                     | 90         | 90    | 0                            | 2.30%   | 20             | Work experience in a related occupation |
| 41-2011         | Cashiers  | 3,760      | 4,270 | 510                          | 13.59%  | 2,340          | Short-term on-the-job training          |
| 41-2021         | Counter and Rental Clerks   | 200        | 200   | 0                            | 1.49%   | 80             | Short-term on-the-job training          |
| 41-2022         | Parts Salespersons  | 300        | 320   | 20                           | 5.32%   | 100            | Moderate-term on-the-job training       |
| 41-2031         | Retail Salespersons   | 2,330      | 3,050 | 720                          | 30.72%  | 1,560          | Short-term on-the-job training          |
| 41-3011         | Advertising Sales Agents  | 40         | 40    | 0                            | -5.41%  | 10             | Moderate-term on-the-job training       |
| 41-3021         | Insurance Sales Agents  | 120        | 140   | 20                           | 14.17%  | 50             | Bachelor's degree                       |
| 41-4011         | Sales Representatives, Wholesale and Manufacturing, Except Durables and Apparel | 40         | 40    | 0                            | 11.43%  | 10             | Moderate-term on-the-job training       |
| 41-4012         | Sales Representatives, Wholesale and Manufacturing, Limited Product Line        | 310        | 350   | 40                           | 12.74%  | 120            | Moderate-term on-the-job training       |
| 41-9022         | Real Estate Sales Agents  | 110        | 140   | 30                           | 23.64%  | 50             | Postsecondary vocational training       |
| 41-9099         | Sales and Related Workers, All Other  | 70         | 90    | 20                           | 26.09%  | 30             | Moderate-term on-the-job training       |
| 43-1011         | First-Line Supervisors/Managers of Office and Administrative Support Workers    | 550        | 610   | 60                           | 9.96%   | 170            | Work experience in a related occupation |
| 43-2011         | Switchboard Operators, Including Answering Service                              | 100        | 100   | -10                          | -6.86%  | 30             | Short-term on-the-job training          |
| 43-3011         | Bill and Account Collectors   | 130        | 150   | 20                           | 13.18%  | 40             | Short-term on-the-job training          |
| 43-3021         | Billing and Posting Clerks and Machine Operators                                | 330        | 340   | 10                           | 3.36%   | 70             | Moderate-term on-the-job training       |
| 43-3031         | Bookkeeping, Accounting, and Auditing Clerks                                    | 970        | 1,000 | 40                           | 3.94%   | 220            | Moderate-term on-the-job training       |
| 43-3051         | Payroll and Timekeeping Clerks  | 150        | 180   | 30                           | 19.05%  | 70             | Moderate-term on-the-job training       |
| 43-3061         | Procurement Clerks  | 40         | 40    | 0                            | 4.88%   | 10             | Short-term on-the-job training          |
| 43-3071         | Tellers   | 430        | 500   | 70                           | 15.67%  | 280            | Short-term on-the-job training          |
| 43-4031         | Court, Municipal, and License Clerks  | 140        | 180   | 50                           | 32.85%  | 80             | Short-term on-the-job training          |
| 43-4051         | Customer Service Representatives  | 680        | 830   | 140                          | 21.05%  | 250            | Moderate-term on-the-job training       |
| 43-4061         | Eligibility Interviewers, Government Programs                                   | 80         | 80    | 0                            | 1.23%   | 20             | Moderate-term on-the-job training       |
| 43-4071         | File Clerks   | 170        | 120   | -50                          | -30.46% | 50             | Short-term on-the-job training          |
| 43-4111         | Interviewers, Except Eligibility and Loan                                       | 80         | 110   | 30                           | 30.86%  | 50             | Short-term on-the-job training          |
| 43-4121         | Library Assistants, Clerical  | 30         | 40    | 10                           | 16.13%  | 20             | Short-term on-the-job training          |
| 43-4141         | New Accounts Clerks   | 70         | 80    | 10                           | 10.00%  | 30             | Work experience in a related occupation |
| 43-4151         | Order Clerks  | 80         | 70    | -10                          | -17.28% | 20             | Short-term on-the-job training          |
| 43-4161         | Human Resources Assistants, Except Payroll and Timekeeping                      | 80         | 100   | 20                           | 17.86%  | 30             | Short-term on-the-job training          |
| 43-4171         | Receptionists and Information Clerks  | 390        | 460   | 70                           | 17.39%  | 160            | Short-term on-the-job training          |
| 43-4199         | Information and Record Clerks, All Other  | 290        | 270   | -20                          | -6.85%  | 50             | Short-term on-the-job training          |
| 43-5031         | Police, Fire, and Ambulance Dispatchers   | 160        | 220   | 60                           | 34.78%  | 90             | Moderate-term on-the-job training       |
| 43-5032         | Dispatchers, Except Police, Fire, and Ambulance                                 | 80         | 70    | -10                          | -15.38% | 20             | Moderate-term on-the-job training       |
| 43-5051         | Postal Service Clerks   | 40         | 50    | 0                            | 4.55%   | 10             | Short-term on-the-job training          |
| 43-5052         | Postal Service Mail Carriers  | 290        | 300   | 10                           | 4.48%   | 100            | Short-term on-the-job training          |
| 43-5053         | Postal Service Mail Sorters, Processors, and Processors                         | 70         | 70    | 0                            | 4.29%   | 20             | Short-term on-the-job training          |
| 43-5061         | Production, Planning, and Expediting Clerks                                     | 100        | 100   | 0                            | -1.94%  | 30             | Short-term on-the-job training          |
| 43-5071         | Shipping, Receiving, and Traffic Clerks   | 300        | 300   | 10                           | 2.03%   | 70             | Short-term on-the-job training          |

## EASTERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2004-2014

| Occupation Code | Occupation Title  | Employment |       | Employment Change, 2004-2014 |         | Total Openings | Education and Training                  |
|-----------------|---|------------|-------|------------------------------|---------|----------------|---|
|                 |   | 2004       | 2014  | Numeric                      | Percent |                |   |
| 43-5081         | Stock Clerks and Order Fillers                          | 870        | 900   | 30                           | 3.44%   | 350            | Short-term on-the-job training          |
| 43-5111         | Weighers, Measurers, Checkers, and Samplers, Record     | 30         | 30    | 0                            | -12.50% | 10             | Short-term on-the-job training          |
| 43-6011         | Executive Secretaries and Administrative Assistants     | 590        | 640   | 50                           | 8.32%   | 160            | Moderate-term on-the-job training       |
| 43-6012         | Legal Secretaries                                       | 70         | 80    | 10                           | 13.04%  | 20             | Postsecondary vocational training       |
| 43-6014         | Secretaries, Except Legal, Medical, and Executive       | 1,260      | 1,220 | -40                          | -2.87%  | 240            | Moderate-term on-the-job training       |
| 43-9011         | Computer Operators                                      | 30         | 20    | -10                          | -39.29% | 10             | Moderate-term on-the-job training       |
| 43-9021         | Data Entry Keyers                                       | 80         | 60    | -20                          | -21.25% | 20             | Moderate-term on-the-job training       |
| 43-9041         | Insurance Claims and Policy Processing Clerks           | 60         | 70    | 10                           | 12.90%  | 20             | Moderate-term on-the-job training       |
| 43-9051         | Mail Clerks and Mail Machine Operators, Except Postal   | 30         | 20    | -10                          | -42.31% | 10             | Short-term on-the-job training          |
| 43-9061         | Office Clerks, General                                  | 1,600      | 1,710 | 100                          | 6.49%   | 460            | Short-term on-the-job training          |
| 43-9199         | Office and Administrative Support Workers, All Other    | 30         | 30    | 0                            | 14.81%  | 10             | Short-term on-the-job training          |
| 45-2011         | Agricultural Inspectors                                 | 30         | 40    | 0                            | 9.38%   | 10             | Work experience in a related occupation |
| 45-4022         | Logging Equipment Operators                             | 80         | 90    | 10                           | 16.46%  | 30             | Moderate-term on-the-job training       |
| 47-1011         | First-Line Supervisors/Managers of Construction Trade   | 260        | 290   | 30                           | 9.51%   | 70             | Work experience in a related occupation |
| 47-2031         | Carpenters  | 370        | 440   | 70                           | 18.55%  | 130            | Long-term on-the-job training           |
| 47-2061         | Construction Laborers                                   | 540        | 580   | 40                           | 7.56%   | 110            | Moderate-term on-the-job training       |
| 47-2071         | Paving, Surfacing, and Tamping Equipment Operators      | 200        | 240   | 30                           | 16.18%  | 60             | Moderate-term on-the-job training       |
| 47-2073         | Operating Engineers and Other Construction Equipmen     | 240        | 260   | 20                           | 9.24%   | 80             | Moderate-term on-the-job training       |
| 47-2111         | Electricians  | 130        | 140   | 10                           | 9.16%   | 40             | Long-term on-the-job training           |
| 47-2141         | Painters, Construction and Maintenance                  | 70         | 80    | 10                           | 15.38%  | 20             | Moderate-term on-the-job training       |
| 47-2151         | Pipelayers  | 70         | 80    | 10                           | 13.51%  | 30             | Moderate-term on-the-job training       |
| 47-2152         | Plumbers, Pipefitters, and Steamfitters                 | 130        | 140   | 20                           | 13.39%  | 50             | Long-term on-the-job training           |
| 47-2221         | Structural Iron and Steel Workers                       | 20         | 20    | 0                            | 12.50%  | 10             | Long-term on-the-job training           |
| 47-3011         | Helpers--Brickmasons, Blockmasons, Stonemasons, ar      | 30         | 40    | 0                            | 12.50%  | 20             | Short-term on-the-job training          |
| 47-3015         | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfi | 50         | 50    | 10                           | 15.56%  | 30             | Short-term on-the-job training          |
| 47-4011         | Construction and Building Inspectors                    | 90         | 110   | 20                           | 24.72%  | 40             | Work experience in a related occupation |
| 47-4051         | Highway Maintenance Workers                             | 350        | 510   | 170                          | 47.70%  | 220            | Moderate-term on-the-job training       |
| 49-1011         | First-Line Supervisors/Managers of Mechanics, Installa  | 190        | 210   | 30                           | 13.44%  | 70             | Work experience in a related occupation |
| 49-2011         | Computer, Automated Teller, and Office Machine Repa     | 70         | 80    | 10                           | 8.22%   | 20             | Postsecondary vocational training       |
| 49-2022         | Telecommunications Equipment Installers and Repairer    | 80         | 50    | -30                          | -36.14% | 20             | Long-term on-the-job training           |
| 49-2092         | Electric Motor, Power Tool, and Related Repairers       | 20         | 10    | 0                            | -13.33% | 0              | Postsecondary vocational training       |
| 49-3021         | Automotive Body and Related Repairers                   | 130        | 130   | 10                           | 6.40%   | 30             | Long-term on-the-job training           |
| 49-3023         | Automotive Service Technicians and Mechanics            | 550        | 650   | 100                          | 17.85%  | 240            | Postsecondary vocational training       |
| 49-3031         | Bus and Truck Mechanics and Diesel Engine Specialist    | 80         | 90    | 10                           | 8.54%   | 30             | Postsecondary vocational training       |
| 49-3042         | Mobile Heavy Equipment Mechanics, Except Engines        | 70         | 80    | 10                           | 14.93%  | 30             | Postsecondary vocational training       |
| 49-9041         | Industrial Machinery Mechanics                          | 210        | 190   | -10                          | -6.83%  | 40             | Long-term on-the-job training           |
| 49-9042         | Maintenance and Repair Workers, General                 | 870        | 1,010 | 140                          | 15.81%  | 310            | Moderate-term on-the-job training       |
| 49-9051         | Electrical Power-Line Installers and Repairers          | 140        | 110   | -20                          | -16.79% | 40             | Long-term on-the-job training           |
| 49-9052         | Telecommunications Line Installers and Repairers        | 110        | 80    | -30                          | -30.63% | 30             | Long-term on-the-job training           |

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|-----------------|---|------------|-------|------------------------------|---------|----------------|---|
|                 |   | 2004       | 2014  | Numeric                      | Percent |                |   |
| 49-9098         | Helpers--Installation, Maintenance, and Repair Workers                  | 110        | 130   | 20                           | 17.76%  | 60             | Short-term on-the-job training          |
| 49-9099         | Installation, Maintenance, and Repair Workers, All Other                | 30         | 30    | 0                            | 3.57%   | 10             | Moderate-term on-the-job training       |
| 51-1011         | First-Line Supervisors/Managers of Production and Operations            | 280        | 280   | 0                            | -1.08%  | 60             | Work experience in a related occupation |
| 51-2091         | Fiberglass Laminators and Fabricators                                   | 90         | 90    | 0                            | -1.15%  | 20             | Moderate-term on-the-job training       |
| 51-2092         | Team Assemblers   | 1,820      | 1,830 | 20                           | 0.88%   | 490            | Moderate-term on-the-job training       |
| 51-2099         | Assemblers and Fabricators, All Other                                   | 40         | 50    | 10                           | 12.50%  | 20             | Moderate-term on-the-job training       |
| 51-3021         | Butchers and Meat Cutters   | 100        | 120   | 20                           | 21.43%  | 40             | Long-term on-the-job training           |
| 51-4011         | Computer-Controlled Machine Tool Operators, Metal and Plastic           | 70         | 70    | 0                            | -5.56%  | 10             | Moderate-term on-the-job training       |
| 51-4031         | Cutting, Punching, and Press Machine Setters, Operators, and Tenders    | 620        | 570   | -50                          | -7.58%  | 140            | Moderate-term on-the-job training       |
| 51-4035         | Milling and Planing Machine Setters, Operators, and Tenders             | 20         | 20    | 0                            | -11.76% | 0              | Moderate-term on-the-job training       |
| 51-4041         | Machinists  | 220        | 210   | -10                          | -3.26%  | 50             | Long-term on-the-job training           |
| 51-4121         | Welders, Cutters, Solderers, and Brazers                                | 340        | 340   | 10                           | 2.39%   | 100            | Long-term on-the-job training           |
| 51-5023         | Printing Machine Operators  | 80         | 80    | -10                          | -9.64%  | 20             | Moderate-term on-the-job training       |
| 51-6011         | Laundry and Dry-Cleaning Workers  | 210        | 240   | 30                           | 14.29%  | 90             | Moderate-term on-the-job training       |
| 51-6031         | Sewing Machine Operators  | 30         | 20    | -10                          | -35.48% | 0              | Moderate-term on-the-job training       |
| 51-6093         | Upholsterers  | 50         | 40    | -10                          | -18.37% | 10             | Long-term on-the-job training           |
| 51-7011         | Cabinetmakers and Bench Carpenters                                      | 510        | 500   | 0                            | -0.59%  | 130            | Long-term on-the-job training           |
| 51-9023         | Mixing and Blending Machine Setters, Operators, and Tenders             | 50         | 50    | 0                            | 2.22%   | 10             | Moderate-term on-the-job training       |
| 51-9061         | Inspectors, Testers, Sorters, Samplers, and Weighers                    | 380        | 360   | -20                          | -5.03%  | 90             | Moderate-term on-the-job training       |
| 51-9111         | Packaging and Filling Machine Operators and Tenders                     | 260        | 240   | -20                          | -8.78%  | 50             | Short-term on-the-job training          |
| 51-9121         | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 50         | 40    | 0                            | -6.67%  | 10             | Moderate-term on-the-job training       |
| 51-9132         | Photographic Processing Machine Operators                               | 50         | 40    | -20                          | -29.63% | 10             | Short-term on-the-job training          |
| 51-9198         | Helpers--Production Workers   | 1,320      | 1,590 | 270                          | 20.47%  | 640            | Short-term on-the-job training          |
| 53-1031         | First-Line Supervisors/Managers of Transportation and Material Moving   | 70         | 70    | 10                           | 7.35%   | 20             | Work experience in a related occupation |
| 53-3021         | Bus Drivers, Transit and Intercity                                      | 50         | 70    | 10                           | 25.93%  | 30             | Moderate-term on-the-job training       |
| 53-3022         | Bus Drivers, School   | 370        | 420   | 50                           | 12.37%  | 130            | Short-term on-the-job training          |
| 53-3031         | Driver/Sales Workers  | 400        | 470   | 70                           | 17.59%  | 140            | Short-term on-the-job training          |
| 53-3032         | Truck Drivers, Heavy and Tractor-Trailer                                | 930        | 920   | -10                          | -1.07%  | 150            | Moderate-term on-the-job training       |
| 53-3033         | Truck Drivers, Light or Delivery Services                               | 420        | 460   | 40                           | 10.07%  | 80             | Short-term on-the-job training          |
| 53-3099         | Motor Vehicle Operators, All Other                                      | 60         | 60    | 0                            | 1.75%   | 10             | Short-term on-the-job training          |
| 53-6011         | Bridge and Lock Tenders   | 20         | 10    | 0                            | -26.67% | 10             | Short-term on-the-job training          |
| 53-7051         | Industrial Truck and Tractor Operators                                  | 500        | 520   | 20                           | 3.17%   | 110            | Short-term on-the-job training          |
| 53-7061         | Cleaners of Vehicles and Equipment                                      | 230        | 250   | 20                           | 6.93%   | 100            | Short-term on-the-job training          |
| 53-7062         | Laborers and Freight, Stock, and Material Movers, Hand                  | 850        | 920   | 70                           | 7.75%   | 340            | Short-term on-the-job training          |
| 53-7064         | Packers and Packagers, Hand   | 210        | 220   | 10                           | 5.74%   | 50             | Short-term on-the-job training          |
| 53-7081         | Refuse and Recyclable Material Collectors                               | 70         | 90    | 20                           | 27.14%  | 40             | Short-term on-the-job training          |
| 53-7199         | Material Moving Workers, All Other                                      | 40         | 30    | 0                            | -2.86%  | 10             | Moderate-term on-the-job training       |

# 2007 OES OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES

| Soc Code       | Soc Title                                  | Rounded Employment | Mean Hourly Wage | Mean Annual Wage | Entry Hourly Wage | Entry Annual Wage | Median Hourly Wage | Median Annual Wage | Exp. Hourly Wage | Exp. Annual Wage | Hourly 25th Percentile | Annual 25th Percentile | Hourly 75th Percentile | Annual 75th Percentile |
|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| <b>00-0000</b> | <b>Total all occupations</b>               | <b>85450</b>       | <b>13.75</b>     | <b>28608</b>     | <b>7.05</b>       | <b>14669</b>      | <b>10.99</b>       | <b>22864</b>       | <b>17.1</b>      | <b>35577</b>     | <b>7.79</b>            | <b>16208</b>           | <b>16.88</b>           | <b>35104</b>           |
| <b>11-0000</b> | <b>Management Occupations</b>              | <b>3770</b>        | <b>29.49</b>     | <b>61339</b>     | <b>14.01</b>      | <b>29144</b>      | <b>25.92</b>       | <b>53920</b>       | <b>37.23</b>     | <b>77437</b>     | <b>17.17</b>           | <b>35708</b>           | <b>36.53</b>           | <b>75973</b>           |
| 11-1011        | Chief Executives                           | 410                | 43.41            | 90296            | 18.64             | 38762             | 39.21              | 81548              | 55.8             | 116064           | 25.95                  | 53979                  | 50.88                  | 105840                 |
| 11-1021        | General and Operations Mar                 | 1200               | 31.01            | 64492            | 14.56             | 30277             | 25.82              | 53696              | 39.23            | 81599            | 17.2                   | 35786                  | 38.26                  | 79587                  |
| 11-1031        | Legislators                                | 60                 |                  | 27267            |                   | 13211             |                    | 15343              |                  | 34296            |                        | 13098                  |                        | 37473                  |
| 11-2011        | Advertising and Promotions Managers        |                    | 23.51            | 48901            | 17.53             | 36464             | 21.81              | 45362              | 26.5             | 55120            | 18.5                   | 38480                  | 27.51                  | 57229                  |
| 11-2021        | Marketing Managers                         | 50                 | 26.04            | 54164            | 18.02             | 37482             | 24.65              | 51279              | 30.05            | 62506            | 20.72                  | 43096                  | 28.44                  | 59157                  |
| 11-2022        | Sales Managers                             | 150                | 34.54            | 71853            | 16.05             | 33382             | 30.62              | 63693              | 43.79            | 91089            | 19.86                  | 41312                  | 43.25                  | 89954                  |
| 11-2031        | Public Relations Managers                  | 10                 | 21.82            | 45390            | 11.2              | 23290             | 22.6               | 47007              | 27.13            | 56441            | 16.03                  | 33333                  | 28.05                  | 58349                  |
| 11-3011        | Administrative Services Man                | 210                | 19.77            | 41112            | 12.48             | 25956             | 18.54              | 38565              | 23.41            | 48690            | 13.5                   | 28087                  | 25.32                  | 52661                  |
| 11-3021        | Computer and Information S                 | 60                 | 31.33            | 65168            | 19.51             | 40582             | 30.27              | 62960              | 37.24            | 77461            | 23.22                  | 48299                  | 37.23                  | 77432                  |
| 11-3031        | Financial Managers                         | 210                | 30.68            | 63807            | 17.88             | 37192             | 29.15              | 60639              | 37.07            | 77115            | 21.4                   | 44511                  | 36.87                  | 76685                  |
| 11-3041        | Compensation and Benefits                  | 20                 | 25.44            | 52909            | 15.83             | 32917             | 25.23              | 52480              | 30.24            | 62905            | 20.32                  | 42263                  | 32.2                   | 66966                  |
| 11-3049        | Human Resources Manager                    | 40                 | 21.33            | 44361            | 15.86             | 32996             | 20.62              | 42886              | 24.06            | 50043            | 17                     | 35367                  | 24.91                  | 51812                  |
| 11-3051        | Industrial Production Manag                | 120                | 32.26            | 67096            | 22.7              | 47206             | 31.34              | 65196              | 37.04            | 77041            | 26.27                  | 54643                  | 37.23                  | 77428                  |
| 11-3061        | Purchasing Managers                        | 30                 | 31.45            | 65424            | 18.24             | 37948             | 29.63              | 61632              | 38.06            | 79162            | 21.46                  | 44630                  | 41.97                  | 87307                  |
| 11-3071        | Transportation, Storage, and               | 50                 | 23.33            | 48522            | 16.62             | 34569             | 19.42              | 40386              | 26.68            | 55498            | 17.22                  | 35819                  | 28.04                  | 58317                  |
| 11-9021        | Construction Managers                      | 90                 | 25.21            | 52443            | 21.25             | 44203             | 24.75              | 51477              | 27.19            | 56562            | 22.15                  | 46080                  | 28.11                  | 58463                  |
| 11-9031        | Education Administrators, Preschool and Cl |                    | 21.86            | 45475            | 13.23             | 27527             | 15.41              | 32050              | 26.18            | 54449            | 13.92                  | 28962                  | 33.98                  | 70688                  |
| 11-9032        | Education Administrators, EI               | 240                |                  | 58209            |                   | 42807             |                    | 59306              |                  | 65911            |                        | 51268                  |                        | 67158                  |
| 11-9041        | Engineering Managers                       | 40                 | 36.73            | 76389            | 26.98             | 56108             | 31.97              | 66493              | 41.6             | 86529            | 27.82                  | 57863                  | 42.13                  | 87639                  |
| 11-9051        | Food Service Managers                      | 160                | 15.02            | 31240            | 9.96              | 20709             | 13.64              | 28381              | 17.55            | 36506            | 11.33                  | 23562                  | 17.17                  | 35706                  |
| 11-9071        | Gaming Managers                            | 10                 | 22.76            | 47342            | 17.89             | 37211             | 23.1               | 48041              | 25.2             | 52408            | 20.11                  | 41830                  | 26.77                  | 55691                  |
| 11-9081        | Lodging Managers                           | 30                 | 14.82            | 30832            | 10.31             | 21446             | 13.46              | 28006              | 17.08            | 35525            | 11.16                  | 23223                  | 19.75                  | 41084                  |
| 11-9111        | Medical and Health Services                | 150                | 33.2             | 69057            | 21.45             | 44616             | 31.57              | 65660              | 39.08            | 81277            | 24.01                  | 49937                  | 40.85                  | 84973                  |
| 11-9131        | Postmasters and Mail Super                 | 50                 | 26.37            | 54846            | 17.09             | 35546             | 27.94              | 58118              | 31.01            | 64496            | 22.25                  | 46280                  | 33.06                  | 68770                  |
| 11-9141        | Property, Real Estate, and C               | 90                 | 13.21            | 27472            | 9.74              | 20268             | 12.7               | 26426              | 14.94            | 31074            | 10.25                  | 21324                  | 14.99                  | 31171                  |
| 11-9151        | Social and Community Servi                 | 100                | 17.91            | 37262            | 8.79              | 18289             | 19.96              | 41516              | 22.48            | 46749            | 9.31                   | 19365                  | 22.86                  | 47548                  |
| 11-9199        | Managers, All Other                        | 90                 | 35.3             | 73423            | 16.54             | 34409             | 41.78              | 86913              | 44.68            | 92930            | 21.57                  | 44870                  | 47.67                  | 99149                  |
| <b>13-0000</b> | <b>Business and Financial Op</b>           | <b>2720</b>        | <b>20.89</b>     | <b>43456</b>     | <b>12.79</b>      | <b>26604</b>      | <b>18.59</b>       | <b>38658</b>       | <b>24.94</b>     | <b>51882</b>     | <b>14.52</b>           | <b>30208</b>           | <b>25.08</b>           | <b>52169</b>           |
| 13-1022        | Wholesale and Retail Buyers                | 40                 | 19.31            | 40163            | 12.8              | 26627             | 16.78              | 34900              | 22.56            | 46931            | 13.77                  | 28646                  | 24.94                  | 51877                  |
| 13-1023        | Purchasing Agents, Except v                | 120                | 18.41            | 38289            | 11.14             | 23177             | 18.07              | 37580              | 22.04            | 45845            | 12.64                  | 26299                  | 23.02                  | 47876                  |
| 13-1031        | Claims Adjusters, Examiners                | 510                | 23.51            | 48901            | 15.12             | 31454             | 22.82              | 47459              | 27.7             | 57624            | 16.94                  | 35238                  | 29.5                   | 61366                  |
| 13-1041        | Compliance Officers, Except                | 260                | 20.78            | 43212            | 12.82             | 26672             | 17.86              | 37152              | 24.75            | 51482            | 14.44                  | 30029                  | 22.73                  | 47280                  |
| 13-1051        | Cost Estimators                            | 80                 | 17.52            | 36441            | 12.42             | 25823             | 16.29              | 33893              | 20.07            | 41750            | 13.35                  | 27777                  | 18.97                  | 39455                  |
| 13-1061        | Emergency Management Sp                    | 20                 | 16.59            | 34505            | 8.28              | 17223             | 15.18              | 31565              | 20.74            | 43146            | 10.82                  | 22511                  | 19.53                  | 40614                  |
| 13-1071        | Employment, Recruitment, a                 | 50                 | 13.99            | 29095            | 10.53             | 21906             | 13.42              | 27922              | 15.72            | 32690            | 11.8                   | 24539                  | 14.7                   | 30579                  |
| 13-1072        | Compensation, Benefits, anc                | 60                 | 18.97            | 39449            | 13.23             | 27518             | 17.08              | 35526              | 21.83            | 45414            | 14.17                  | 29467                  | 23.79                  | 49481                  |
| 13-1073        | Training and Development S                 | 80                 | 13.51            | 28109            | 8.69              | 18081             | 13.21              | 27479              | 15.92            | 33122            | 9.24                   | 19213                  | 17.04                  | 35452                  |
| 13-1079        | Human Resources, Training,                 | 50                 | 22.5             | 46802            | 14.56             | 30289             | 20.86              | 43385              | 26.47            | 55058            | 17.21                  | 35788                  | 27.25                  | 56677                  |

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|----------------|---|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 13-1111        | Management Analysts                         | 90                 | 26.24            | 54571            | 15.25             | 31718             | 24.51              | 50973              | 31.73            | 65997            | 18.19                  | 37836                  | 33.14                  | 68931                  |
| 13-1121        | Meeting and Convention Pla                  | 20                 | 11.35            | 23607            | 6.51              | 13531             | 8.88               | 18461              | 13.77            | 28645            | 6.87                   | 14279                  | 14.46                  | 30075                  |
| 13-1199        | Business Operations Specia                  | 210                | 24.38            | 50721            | 15.48             | 32195             | 21.96              | 45680              | 28.84            | 59983            | 17.01                  | 35378                  | 29.04                  | 60404                  |
| 13-2011        | Accountants and Auditors                    | 560                | 19.89            | 41368            | 13.92             | 28962             | 18.05              | 37536              | 22.87            | 47571            | 15.24                  | 31694                  | 21.74                  | 45217                  |
| 13-2021        | Appraisers and Assessors of                 | 60                 | 18.21            | 37876            | 10.68             | 22216             | 12.62              | 26243              | 21.97            | 45706            | 11.2                   | 23302                  | 20.28                  | 42183                  |
| 13-2031        | Budget Analysts                             | 30                 | 20.24            | 42099            | 10.71             | 22270             | 19.24              | 40021              | 25.01            | 52014            | 13.54                  | 28172                  | 25.82                  | 53706                  |
| 13-2051        | Financial Analysts                          | 30                 | 22.38            | 46541            | 17.54             | 36481             | 21.71              | 45152              | 24.79            | 51571            | 18.44                  | 38363                  | 26.22                  | 54529                  |
| 13-2071        | Loan Counselors                             | 20                 | 22.89            | 47619            | 15.03             | 31262             | 25.51              | 53051              | 26.83            | 55797            | 20.94                  | 43562                  | 28.25                  | 58765                  |
| 13-2072        | Loan Officers                               | 290                | 22.66            | 47126            | 13.3              | 27674             | 18.84              | 39186              | 27.33            | 56852            | 14.85                  | 30879                  | 28.34                  | 58955                  |
| 13-2081        | Tax Examiners, Collectors, a                | 80                 | 16.14            | 33564            | 10.5              | 21840             | 14.25              | 29643              | 18.95            | 39425            | 11.84                  | 24629                  | 18.27                  | 38008                  |
| <b>15-0000</b> | <b>Computer and Mathematic</b>              | <b>510</b>         | <b>22.92</b>     | <b>47682</b>     | <b>14.31</b>      | <b>29758</b>      | <b>21.73</b>       | <b>45206</b>       | <b>27.23</b>     | <b>56644</b>     | <b>16.64</b>           | <b>34607</b>           | <b>27.12</b>           | <b>56406</b>           |
| 15-1021        | Computer Programmers                        | 60                 | 26.65            | 55427            | 17.89             | 37211             | 24.23              | 50407              | 31.03            | 64534            | 20.09                  | 41794                  | 32.91                  | 68456                  |
| 15-1031        | Computer Software Enginee                   | 40                 | 26.03            | 54142            | 19.18             | 39890             | 22.91              | 47661              | 29.46            | 61268            | 20.07                  | 41746                  | 29                     | 60319                  |
| 15-1041        | Computer Support Specialist                 | 130                | 16.73            | 34804            | 10.69             | 22237             | 16.22              | 33729              | 19.75            | 41088            | 12.39                  | 25775                  | 21.65                  | 45033                  |
| 15-1051        | Computer Systems Analysts                   | 70                 | 25.57            | 53180            | 18.4              | 38275             | 24.6               | 51176              | 29.15            | 60633            | 20.94                  | 43557                  | 30.29                  | 62999                  |
| 15-1061        | Database Administrators                     | 30                 | 25.2             | 52426            | 17.13             | 35632             | 23.69              | 49272              | 29.24            | 60823            | 20.16                  | 41928                  | 28.02                  | 58288                  |
| 15-1071        | Network and Computer Syst                   | 100                | 20.97            | 43621            | 14.96             | 31115             | 19.47              | 40501              | 23.98            | 49875            | 16.1                   | 33495                  | 24.44                  | 50836                  |
| 15-1081        | Network Systems and Data (                  | 40                 | 22.89            | 47611            | 16.11             | 33514             | 20.65              | 42946              | 26.28            | 54659            | 17.51                  | 36423                  | 24.66                  | 51298                  |
| 15-1099        | Computer Specialists, All Oth               | 40                 | 31.78            | 66109            | 23.78             | 49454             | 32.46              | 67514              | 35.79            | 74437            | 26.03                  | 54145                  | 37.05                  | 77061                  |
| <b>17-0000</b> | <b>Architecture and Engineeri</b>           | <b>470</b>         | <b>26.59</b>     | <b>55306</b>     | <b>15.35</b>      | <b>31927</b>      | <b>24.53</b>       | <b>51025</b>       | <b>32.21</b>     | <b>66995</b>     | <b>17.62</b>           | <b>36645</b>           | <b>34.8</b>            | <b>72392</b>           |
| 17-1011        | Architects, Except Landscape and Naval      |                    | 34.95            | 72686            | 24.43             | 50811             | 31.69              | 65917              | 40.2             | 83623            | 28.1                   | 58447                  | 46.23                  | 96150                  |
| 17-1022        | Surveyors                                   | 10                 | 28.42            | 59104            | 22.69             | 47189             | 28.73              | 59761              | 31.28            | 65061            | 25.31                  | 52637                  | 33.27                  | 69205                  |
| 17-2051        | Civil Engineers                             | 30                 | 29               | 60328            | 22.3              | 46394             | 28.63              | 59558              | 32.35            | 67295            | 25.12                  | 52242                  | 32.74                  | 68102                  |
| 17-2111        | Health and Safety Engineers                 | 20                 | 26.23            | 54560            | 9.99              | 20781             | 24.02              | 49968              | 34.35            | 71450            | 11                     | 22876                  | 42.59                  | 88585                  |
| 17-2112        | Industrial Engineers                        | 60                 | 32.92            | 68473            | 19.7              | 40981             | 35.63              | 74104              | 39.53            | 82219            | 23.44                  | 48760                  | 41.15                  | 85602                  |
| 17-2141        | Mechanical Engineers                        | 40                 | 29.96            | 62312            | 21.47             | 44657             | 30.77              | 64002              | 34.2             | 71140            | 23.98                  | 49888                  | 36.62                  | 76170                  |
| 17-2199        | Engineers, All Other                        | 20                 | 21.36            | 44427            | 15.86             | 32991             | 18.22              | 37906              | 24.11            | 50145            | 16.16                  | 33609                  | 25.03                  | 52062                  |
| 17-3011        | Architectural and Civil Drafte              | 40                 | 19.24            | 40015            | 15.01             | 31211             | 19.91              | 41416              | 21.35            | 44417            | 16.25                  | 33792                  | 22.72                  | 47251                  |
| 17-3022        | Civil Engineering Technicians               |                    | 24.75            | 51471            | 20.3              | 42231             | 24.87              | 51739              | 26.97            | 56090            | 21.31                  | 44326                  | 28.49                  | 59251                  |
| 17-3023        | Electrical and Electronic Engineering Techn |                    | 20.34            | 42308            | 14.2              | 29526             | 15.92              | 33105              | 23.41            | 48699            | 14.24                  | 29626                  | 26.08                  | 54254                  |
| 17-3026        | Industrial Engineering Techn                | 20                 | 25.65            | 53349            | 13.74             | 28570             | 23.13              | 48101              | 31.61            | 65738            | 16                     | 33286                  | 32.27                  | 67127                  |
| 17-3027        | Mechanical Engineering Technicians          |                    | 14.86            | 30918            | 13.16             | 27374             | 14.74              | 30659              | 15.72            | 32690            | 13.39                  | 27851                  | 16.36                  | 34037                  |
| 17-3029        | Engineering Technicians, Ex                 | 20                 | 28.54            | 59367            | 21.55             | 44817             | 28.29              | 58847              | 32.04            | 66642            | 23.52                  | 48913                  | 33.89                  | 70486                  |
| 17-3031        | Surveying and Mapping Technicians           |                    | 17.26            | 35896            | 12.75             | 26519             | 17.33              | 36044              | 19.51            | 40585            | 15.31                  | 31836                  | 19.14                  | 39806                  |
| <b>19-0000</b> | <b>Life, Physical, and Social S</b>         | <b>300</b>         | <b>22.64</b>     | <b>47091</b>     | <b>15.35</b>      | <b>31923</b>      | <b>19.61</b>       | <b>40793</b>       | <b>26.29</b>     | <b>54674</b>     | <b>16.64</b>           | <b>34604</b>           | <b>26.03</b>           | <b>54143</b>           |
| 19-1029        | Biological Scientists, All Oth              | 20                 | 29.72            | 61825            | 25.06             | 52117             | 28.83              | 59973              | 32.06            | 66679            | 26.13                  | 54340                  | 33.06                  | 68770                  |
| 19-1031        | Conservation Scientists                     | 30                 | 21.53            | 44787            | 14.2              | 29537             | 19.54              | 40652              | 25.2             | 52412            | 15.3                   | 31825                  | 27.81                  | 57841                  |
| 19-2031        | Chemists                                    | 10                 | 24.65            | 51267            | 16.38             | 34072             | 18.53              | 38550              | 28.78            | 59865            | 16.73                  | 34788                  | 36.2                   | 75303                  |
| 19-2041        | Environmental Scientists anc                | 60                 |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 19-3021        | Market Research Analysts                    | 40                 | 22.71            | 47238            | 14.42             | 29988             | 19.59              | 40753              | 26.86            | 55862            | 15.71                  | 32685                  | 26.8                   | 55744                  |

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|----------------|---|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 19-3031        | Clinical, Counseling, and Sci             | 50                 | 20.87            | 43404            | 17.11             | 35581             | 19.11              | 39744              | 22.75            | 47316            | 17.18                  | 35727                  | 23.87                  | 49654                  |
| 19-4093        | Forest and Conservation Tec               | 20                 | 17.67            | 36762            | 14.22             | 29586             | 17.03              | 35427              | 19.4             | 40350            | 15.08                  | 31368                  | 18.96                  | 39433                  |
| <b>21-0000</b> | <b>Community and Social Ser</b>           | <b>1680</b>        | <b>15.26</b>     | <b>31734</b>     | <b>8.96</b>       | <b>18631</b>      | <b>14.73</b>       | <b>30646</b>       | <b>18.41</b>     | <b>38285</b>     | <b>10.88</b>           | <b>22631</b>           | <b>18.82</b>           | <b>39140</b>           |
| 21-1011        | Substance Abuse and Behavioral Disorder ( |                    | 15.69            | 32634            | 12.47             | 25936             | 15.49              | 32222              | 17.3             | 35983            | 13.2                   | 27459                  | 18.13                  | 37714                  |
| 21-1012        | Educational, Vocational, and              | 240                | 20.45            | 42541            | 13.59             | 28257             | 21.39              | 44493              | 23.89            | 49682            | 15.99                  | 33251                  | 25.59                  | 53236                  |
| 21-1014        | Mental Health Counselors                  | 130                | 16.6             | 34538            | 11.48             | 23868             | 16.22              | 33747              | 19.17            | 39872            | 12.15                  | 25278                  | 19.5                   | 40555                  |
| 21-1015        | Rehabilitation Counselors                 |                    | 10.3             | 21422            | 6.21              | 12919             | 8.34               | 17342              | 12.34            | 25673            | 6.72                   | 13969                  | 14.15                  | 29429                  |
| 21-1021        | Child, Family, and School Sc              | 250                | 14.54            | 30237            | 11.42             | 23759             | 14.16              | 29452              | 16.09            | 33477            | 12.31                  | 25614                  | 16.61                  | 34554                  |
| 21-1022        | Medical and Public Health Si              | 70                 | 16.79            | 34931            | 11.08             | 23037             | 15.19              | 31601              | 19.65            | 40878            | 12.49                  | 25975                  | 20.77                  | 43203                  |
| 21-1023        | Mental Health and Substanc                | 40                 | 19.87            | 41327            | 14.73             | 30634             | 18.67              | 38835              | 22.44            | 46673            | 15.93                  | 33128                  | 23.82                  | 49552                  |
| 21-1029        | Social Workers, All Other                 | 80                 | 19.77            | 41129            | 14.3              | 29738             | 18.86              | 39223              | 22.51            | 46824            | 15.95                  | 33180                  | 23.55                  | 48980                  |
| 21-1091        | Health Educators                          | 40                 | 20.75            | 43170            | 14.82             | 30832             | 20.31              | 42255              | 23.72            | 49339            | 17.02                  | 35392                  | 23.98                  | 49888                  |
| 21-1093        | Social and Human Service A                | 170                | 14.22            | 29579            | 8.64              | 17978             | 13.84              | 28791              | 17.01            | 35380            | 9.22                   | 19173                  | 17.64                  | 36691                  |
| 21-1099        | Community and Social Servi                | 50                 | 12.79            | 26611            | 10.82             | 22502             | 11.22              | 23333              | 13.78            | 28665            | 10.45                  | 21737                  | 11.99                  | 24930                  |
| 21-2011        | Clergy                                    | 20                 | 15               | 31190            | 11                | 22872             | 13.54              | 28168              | 16.99            | 35348            | 11.71                  | 24350                  | 15.3                   | 31825                  |
| <b>23-0000</b> | <b>Legal Occupations</b>                  | <b>460</b>         | <b>26.31</b>     | <b>54719</b>     | <b>14.1</b>       | <b>29336</b>      | <b>21.95</b>       | <b>45648</b>       | <b>32.41</b>     | <b>67410</b>     | <b>16.6</b>            | <b>34536</b>           | <b>35.55</b>           | <b>73944</b>           |
| 23-1011        | Lawyers                                   | 140                |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 23-1023        | Judges, Magistrate Judges, i              | 50                 | 40.06            | 83334            | 28.73             | 59750             | 44.03              | 91577              | 45.73            | 95126            | 40.25                  | 83719                  | 47.81                  | 99452                  |
| 23-2093        | Title Examiners, Abstractors              | 160                | 17.15            | 35669            | 11.59             | 24111             | 16.52              | 34357              | 19.93            | 41448            | 12.65                  | 26322                  | 19.44                  | 40441                  |
| <b>25-0000</b> | <b>Education, Training, and L</b>         | <b>7100</b>        | <b>15.22</b>     | <b>31660</b>     | <b>7.57</b>       | <b>15750</b>      | <b>15.75</b>       | <b>32758</b>       | <b>19.05</b>     | <b>39615</b>     | <b>8.66</b>            | <b>18019</b>           | <b>18.84</b>           | <b>39181</b>           |
| 25-1021        | Computer Science Teachers                 | 20                 |                  | 44399            |                   | 31053             |                    | 41878              |                  | 51072            |                        | 32868                  |                        | 52460                  |
| 25-1065        | Political Science Teachers, F             | 10                 |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 25-1072        | Nursing Instructors and Teac              | 40                 |                  | 43503            |                   | 32550             |                    | 40962              |                  | 48980            |                        | 35491                  |                        | 53286                  |
| 25-1123        | English Language and Litera               | 50                 |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 25-1194        | Vocational Education Teach                | 30                 | 16.04            | 33368            | 11.84             | 24622             | 15.65              | 32559              | 18.14            | 37740            | 12.6                   | 26207                  | 19.14                  | 39804                  |
| 25-2011        | Preschool Teachers, Except                | 490                | 9.46             | 19673            | 6.44              | 13401             | 7.44               | 15469              | 10.97            | 22809            | 6.34                   | 13193                  | 12.85                  | 26719                  |
| 25-2012        | Kindergarten Teachers, Exce               | 180                |                  | 34531            |                   | 28770             |                    | 35084              |                  | 37411            |                        | 31290                  |                        | 38492                  |
| 25-2021        | Elementary School Teachers                | 1370               |                  | 35647            |                   | 28809             |                    | 35395              |                  | 39066            |                        | 31483                  |                        | 39488                  |
| 25-2022        | Middle School Teachers, Ex                | 680                |                  | 36988            |                   | 30870             |                    | 35921              |                  | 40046            |                        | 32476                  |                        | 40048                  |
| 25-2023        | Vocational Education Teach                | 10                 |                  | 40041            |                   | 36571             |                    | 38699              |                  | 41775            |                        | 35722                  |                        | 42445                  |
| 25-2031        | Secondary School Teachers                 | 740                |                  | 37774            |                   | 30418             |                    | 36644              |                  | 41451            |                        | 32590                  |                        | 41147                  |
| 25-2032        | Vocational Education Teach                | 110                |                  | 46304            |                   | 35366             |                    | 46532              |                  | 51772            |                        | 38069                  |                        | 55319                  |
| 25-2041        | Special Education Teachers,               | 180                |                  | 36347            |                   | 28995             |                    | 36255              |                  | 40023            |                        | 30925                  |                        | 41475                  |
| 25-2042        | Special Education Teachers,               | 90                 |                  | 37397            |                   | 33203             |                    | 36600              |                  | 39494            |                        | 33620                  |                        | 41049                  |
| 25-2043        | Special Education Teachers,               | 110                |                  | 39662            |                   | 33519             |                    | 40026              |                  | 42734            |                        | 35270                  |                        | 44681                  |
| 25-3021        | Self-Enrichment Education T               | 20                 | 16.44            | 34196            | 12.54             | 26080             | 16.7               | 34733              | 18.39            | 38254            | 13.75                  | 28607                  | 18.76                  | 39018                  |
| 25-3099        | Teachers and Instructors, All             | 510                |                  | 16369            |                   | 13368             |                    | 14676              |                  | 17869            |                        | 12940                  |                        | 16972                  |
| 25-4021        | Librarians                                | 200                | 17.81            | 37050            | 15.16             | 31538             | 17.89              | 37214              | 19.14            | 39806            | 16.23                  | 33768                  | 19.59                  | 40757                  |
| 25-4031        | Library Technicians                       |                    | 9.51             | 19790            | 6.47              | 13460             | 8.35               | 17365              | 11.04            | 22955            | 6.61                   | 13744                  | 11.46                  | 23838                  |
| 25-9041        | Teacher Assistants                        | 1040               |                  | 16132            |                   | 13287             |                    | 14472              |                  | 17555            |                        | 12901                  |                        | 17328                  |

# 2007 OES OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES

| Soc Code       | Soc Title                               | Rounded Employment | Mean Hourly Wage | Mean Annual Wage | Entry Hourly Wage | Entry Annual Wage | Median Hourly Wage | Median Annual Wage | Exp. Hourly Wage | Exp. Annual Wage | Hourly 25th Percentile | Annual 25th Percentile | Hourly 75th Percentile | Annual 75th Percentile |
|----------------|---|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| <b>27-0000</b> | <b>Arts, Design, Entertainer</b>        | <b>480</b>         | <b>14.43</b>     | <b>30024</b>     | <b>7.89</b>       | <b>16413</b>      | <b>13.58</b>       | <b>28252</b>       | <b>17.71</b>     | <b>36829</b>     | <b>9.09</b>            | <b>18914</b>           | <b>17.84</b>           | <b>37114</b>           |
| 27-1023        | Floral Designers                        | 30                 | 9.08             | 18884            | 7.43              | 15458             | 8.76               | 18217              | 9.9              | 20597            | 7.88                   | 16393                  | 10.01                  | 20814                  |
| 27-1024        | Graphic Designers                       | 30                 | 14.44            | 30034            | 11.28             | 23460             | 13.89              | 28890              | 16.02            | 33321            | 12                     | 24969                  | 16.95                  | 35261                  |
| 27-1026        | Merchandise Displayers and Window Trimm |                    | 11.98            | 24926            | 7.18              | 14930             | 11.46              | 23835              | 14.39            | 29925            | 8.1                    | 16856                  | 14.58                  | 30334                  |
| 27-2022        | Coaches and Scouts                      | 110                |                  | 33422            |                   | 23678             |                    | 35117              |                  | 38294            |                        | 29454                  |                        | 39258                  |
| 27-2023        | Umpires, Referees, and Oth              | 40                 |                  | 33207            |                   | 27516             |                    | 29463              |                  | 36052            |                        | 27009                  |                        | 43303                  |
| 27-3022        | Reporters and Corresponder              | 20                 | 10.84            | 22546            | 7.74              | 16109             | 9.35               | 19448              | 12.39            | 25765            | 8.21                   | 17077                  | 13.52                  | 28128                  |
| 27-3031        | Public Relations Specialists            | 40                 | 19.3             | 40144            | 12.8              | 26617             | 17.17              | 35704              | 22.55            | 46907            | 14.19                  | 29519                  | 22.54                  | 46888                  |
| 27-3041        | Editors                                 | 20                 | 20.27            | 42172            | 16.19             | 33666             | 18.7               | 38892              | 22.32            | 46425            | 16.79                  | 34923                  | 22.6                   | 47005                  |
| 27-3091        | Interpreters and Translators            | 10                 | 10.82            | 22508            | 10.15             | 21103             | 10.89              | 22642              | 11.16            | 23210            | 10.12                  | 21049                  | 11.65                  | 24235                  |
| 27-4011        | Audio and Video Equipment Technicians   |                    | 10.8             | 22470            | 6.54              | 13605             | 9.46               | 19669              | 12.93            | 26902            | 6.76                   | 14066                  | 13.66                  | 28405                  |
| 27-4021        | Photographers                           | 70                 | 9.52             | 19803            | 6.52              | 13567             | 8.83               | 18369              | 11.02            | 22922            | 7.04                   | 14644                  | 11.29                  | 23476                  |
| <b>29-0000</b> | <b>Healthcare Practitioners ar</b>      | <b>4890</b>        | <b>23.62</b>     | <b>49132</b>     | <b>12.13</b>      | <b>25224</b>      | <b>18.82</b>       | <b>39147</b>       | <b>29.37</b>     | <b>61086</b>     | <b>14.17</b>           | <b>29483</b>           | <b>25.69</b>           | <b>53436</b>           |
| 29-1021        | Dentists, General                       | 120                | 34.09            | 70916            | 17.46             | 36320             | 25.13              | 52261              | 42.41            | 88214            | 17.64                  | 36697                  | 42.09                  | 87541                  |
| 29-1031        | Dietitians and Nutritionists            | 40                 | 27.93            | 58085            | 15.69             | 32646             | 24.17              | 50282              | 34.04            | 70805            | 17.67                  | 36749                  | 39.76                  | 82704                  |
| 29-1041        | Optometrists                            | 20                 | 20.92            | 43519            | 14.57             | 30296             | 16.89              | 35132              | 24.1             | 50131            | 14.9                   | 30998                  | 24.67                  | 51308                  |
| 29-1051        | Pharmacists                             | 140                | 45.65            | 94950            | 39.26             | 81670             | 45.73              | 95119              | 48.84            | 101590           | 41.89                  | 87140                  | 49.6                   | 103163                 |
| 29-1061        | Anesthesiologists                       |                    | 87.59            | 182181           |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 29-1062        | Family and General Practitio            | 90                 | 50.88            | 105830           | 38.06             | 79173             | 45.98              | 95639              | 57.29            | 119159           | 42.27                  | 87919                  | 51.58                  | 107290                 |
| 29-1064        | Obstetricians and Gynecologists         |                    | 81.81            | 170172           | 57.57             | 119747            |                    |                    | 93.93            | 195384           | 61.6                   | 128123                 |                        |                        |
| 29-1065        | Pediatricians, General                  | 10                 |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 29-1069        | Physicians and Surgeons, Al             | 110                | 91.44            | 190201           |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| 29-1071        | Physician Assistants                    | 40                 | 32.77            | 68162            | 21.78             | 45311             | 34.42              | 71590              | 38.26            | 79588            | 24.22                  | 50386                  | 40.53                  | 84306                  |
| 29-1111        | Registered Nurses                       | 1480               | 23.29            | 48443            | 18.69             | 38872             | 22.62              | 47046              | 25.59            | 53229            | 19.67                  | 40905                  | 26.66                  | 55447                  |
| 29-1122        | Occupational Therapists                 | 50                 | 23.39            | 48661            | 16.85             | 35048             | 22.78              | 47383              | 26.67            | 55468            | 18.41                  | 38291                  | 28.68                  | 59664                  |
| 29-1123        | Physical Therapists                     | 80                 | 30.89            | 64262            | 18.48             | 38433             | 31.7               | 65935              | 37.1             | 77176            | 22.89                  | 47610                  | 36.69                  | 76325                  |
| 29-1125        | Recreational Therapists                 | 30                 | 20.52            | 42685            | 10.68             | 22216             | 15.41              | 32050              | 25.44            | 52920            | 12.47                  | 25929                  | 21.31                  | 44335                  |
| 29-1126        | Respiratory Therapists                  | 70                 | 19.7             | 40975            | 16.17             | 33627             | 19.94              | 41484              | 21.47            | 44649            | 17.32                  | 36030                  | 22.17                  | 46112                  |
| 29-1127        | Speech-Language Pathologi               | 110                | 19.92            | 41430            | 15.51             | 32261             | 19                 | 39529              | 22.12            | 46015            | 16.77                  | 34890                  | 22.62                  | 47040                  |
| 29-2011        | Medical and Clinical Laborat            | 90                 | 22.22            | 46227            | 17.26             | 35894             | 22.44              | 46674              | 24.71            | 51394            | 18.81                  | 39128                  | 26.4                   | 54906                  |
| 29-2012        | Medical and Clinical Laborat            | 80                 | 14.45            | 30060            | 10.59             | 22018             | 15.12              | 31447              | 16.38            | 34081            | 12.38                  | 25750                  | 17.18                  | 35739                  |
| 29-2021        | Dental Hygienists                       |                    | 33.97            | 70660            | 24.73             | 51435             | 31.31              | 65123              | 38.59            | 80272            | 25.9                   | 53876                  | 43.1                   | 89656                  |
| 29-2031        | Cardiovascular Technologist             | 40                 | 11.13            | 23150            | 8.11              | 16874             | 8.62               | 17928              | 12.64            | 26288            | 7.95                   | 16540                  | 10.19                  | 21189                  |
| 29-2032        | Diagnostic Medical Sonograp             | 30                 | 23.91            | 49737            | 14.04             | 29195             | 25.05              | 52109              | 28.85            | 60009            | 19                     | 39527                  | 29.27                  | 60883                  |
| 29-2033        | Nuclear Medicine Technolog              | 10                 | 25.07            | 52148            | 18.43             | 38328             | 26.01              | 54104              | 28.39            | 59057            | 21.63                  | 45000                  | 29.68                  | 61731                  |
| 29-2034        | Radiologic Technologists an             | 170                | 17.95            | 37327            | 13.17             | 27397             | 17.45              | 36293              | 20.33            | 42292            | 14.36                  | 29865                  | 21.18                  | 44058                  |
| 29-2041        | Emergency Medical Technic               | 240                | 12.32            | 25617            | 8.89              | 18492             | 11.8               | 24545              | 14.03            | 29179            | 9.47                   | 19696                  | 14.63                  | 30430                  |
| 29-2051        | Dietetic Technicians                    | 30                 | 10.49            | 21822            | 8.09              | 16827             | 9                  | 18723              | 11.69            | 24320            | 8.13                   | 16913                  | 12.07                  | 25104                  |
| 29-2052        | Pharmacy Technicians                    | 230                | 11.87            | 24689            | 8.01              | 16654             | 11.31              | 23518              | 13.8             | 28706            | 8.89                   | 18488                  | 14.57                  | 30303                  |
| 29-2053        | Psychiatric Technicians                 | 20                 | 10.54            | 21920            | 7.92              | 16476             | 9.87               | 20538              | 11.85            | 24642            | 8.57                   | 17829                  | 11.23                  | 23368                  |

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|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 29-2054        | Respiratory Therapy Technic                  | 20                 | 14.84            | 30872            | 12.48             | 25957             | 14.36              | 29863              | 16.02            | 33329            | 12.82                  | 26673                  | 16.79                  | 34930                  |
| 29-2055        | Surgical Technologists                       | 60                 | 13.85            | 28803            | 11.1              | 23086             | 13.4               | 27872              | 15.22            | 31661            | 11.8                   | 24538                  | 15.35                  | 31937                  |
| 29-2061        | Licensed Practical and Licen                 | 940                | 14.59            | 30353            | 12.42             | 25841             | 14.28              | 29704              | 15.68            | 32609            | 12.8                   | 26618                  | 16.26                  | 33823                  |
| 29-2071        | Medical Records and Health                   | 220                | 13.04            | 27126            | 7.95              | 16543             | 11.53              | 23981              | 15.59            | 32418            | 8.96                   | 18631                  | 16.77                  | 34885                  |
| 29-2081        | Opticians, Dispensing                        | 50                 | 10.16            | 21138            | 8.16              | 16980             | 9.05               | 18825              | 11.16            | 23216            | 8.24                   | 17148                  | 12.41                  | 25812                  |
| 29-9011        | Occupational Health and Saf                  | 30                 | 22.72            | 47265            | 17.41             | 36210             | 21.95              | 45661              | 25.38            | 52793            | 18.77                  | 39039                  | 24.93                  | 51848                  |
| 29-9099        | Healthcare Practitioners and                 | 20                 | 13.32            | 27696            | 11.53             | 23978             | 13.43              | 27925              | 14.21            | 29555            | 12.14                  | 25255                  | 14.69                  | 30559                  |
| <b>31-0000</b> | <b>Healthcare Support Occup</b>              | <b>3190</b>        | <b>9.52</b>      | <b>19800</b>     | <b>7.07</b>       | <b>14709</b>      | <b>8.83</b>        | <b>18362</b>       | <b>10.74</b>     | <b>22345</b>     | <b>7.61</b>            | <b>15831</b>           | <b>10.77</b>           | <b>22400</b>           |
| 31-1011        | Home Health Aides                            | 690                | 7.58             | 15768            | 6.4               | 13321             | 7.06               | 14679              | 8.17             | 16991            | 6.16                   | 12809                  | 8.39                   | 17458                  |
| 31-1012        | Nursing Aides, Orderlies, an                 | 1410               | 8.91             | 18526            | 7.6               | 15800             | 8.63               | 17944              | 9.56             | 19889            | 7.85                   | 16324                  | 9.64                   | 20047                  |
| 31-2011        | Occupational Therapist Assistants            |                    | 21.54            | 44811            | 16.16             | 33606             | 23.33              | 48536              | 24.24            | 50413            | 16.52                  | 34364                  | 26.52                  | 55166                  |
| 31-2021        | Physical Therapist Assistant:                | 50                 | 22.98            | 47792            | 15.66             | 32583             | 24.19              | 50308              | 26.63            | 55397            | 18.38                  | 38222                  | 27.42                  | 57037                  |
| 31-2022        | Physical Therapist Aides                     | 10                 | 9.52             | 19793            | 7.41              | 15415             | 8.84               | 18388              | 10.57            | 21983            | 7.78                   | 16191                  | 10.1                   | 21009                  |
| 31-9091        | Dental Assistants                            | 450                | 11.82            | 24593            | 9.83              | 20454             | 11.32              | 23555              | 12.82            | 26663            | 10.24                  | 21302                  | 13.09                  | 27219                  |
| 31-9092        | Medical Assistants                           | 290                | 10.14            | 21081            | 7.66              | 15929             | 10.12              | 21046              | 11.37            | 23657            | 8.41                   | 17485                  | 11.92                  | 24788                  |
| 31-9093        | Medical Equipment Preparers                  |                    | 10.59            | 22019            | 9.31              | 19369             | 10.55              | 21940              | 11.22            | 23344            | 9.56                   | 19884                  | 11.54                  | 23994                  |
| 31-9094        | Medical Transcriptionists                    | 40                 | 11.85            | 24648            | 9.44              | 19629             | 12.01              | 24990              | 13.06            | 27158            | 10.05                  | 20894                  | 13.7                   | 28497                  |
| 31-9095        | Pharmacy Aides                               |                    | 7.28             | 15151            | 6.64              | 13803             | 7.22               | 15015              | 7.61             | 15825            | 6.32                   | 13148                  | 8.08                   | 16807                  |
| 31-9096        | Veterinary Assistants and Laboratory Anima   |                    | 9.06             | 18846            | 7.16              | 14900             | 9.51               | 19772              | 10.01            | 20818            | 7.92                   | 16479                  | 10.5                   | 21832                  |
| 31-9099        | Healthcare Support Workers                   | 30                 | 13.92            | 28954            | 9.43              | 19606             | 12.1               | 25161              | 16.17            | 33628            | 10.04                  | 20884                  | 17.94                  | 37315                  |
| <b>33-0000</b> | <b>Protective Service Occupa</b>             | <b>2850</b>        | <b>14.78</b>     | <b>30736</b>     | <b>8.86</b>       | <b>18439</b>      | <b>13.94</b>       | <b>28992</b>       | <b>17.73</b>     | <b>36885</b>     | <b>10.01</b>           | <b>20817</b>           | <b>18.17</b>           | <b>37803</b>           |
| 33-1011        | First-Line Supervisors/Mana                  | 80                 | 22.01            | 45788            | 16.54             | 34400             | 19.59              | 40755              | 24.75            | 51482            | 17.15                  | 35675                  | 25.43                  | 52899                  |
| 33-1012        | First-Line Supervisors/Mana                  | 40                 | 25.3             | 52631            | 14.35             | 29847             | 26.19              | 54469              | 30.78            | 64023            | 15.32                  | 31858                  | 31.11                  | 64715                  |
| 33-1021        | First-Line Supervisors/Mana                  | 20                 | 21.37            | 44452            | 14.78             | 30734             | 19.37              | 40285              | 24.67            | 51311            | 15.6                   | 32458                  | 26.36                  | 54825                  |
| 33-1099        | First-Line Supervisors/Managers, Protective  |                    | 23.22            | 48302            | 14.01             | 29138             | 26.47              | 55068              | 27.83            | 57883            | 18.02                  | 37492                  | 29.1                   | 60526                  |
| 33-2011        | Fire Fighters                                | 310                | 15.36            | 31948            | 9.62              | 20017             | 14.89              | 30971              | 18.23            | 37913            | 12.01                  | 24990                  | 18.79                  | 39085                  |
| 33-3012        | Correctional Officers and Jai                | 630                | 12.29            | 25558            | 8.3               | 17260             | 12.34              | 25665              | 14.28            | 29707            | 9.18                   | 19090                  | 14.97                  | 31131                  |
| 33-3021        | Detectives and Criminal Inve                 | 150                | 21.03            | 43736            | 14.11             | 29350             | 19.91              | 41406              | 24.49            | 50929            | 15.38                  | 31992                  | 24.45                  | 50855                  |
| 33-3051        | Police and Sheriff's Patrol Of               | 640                | 17.17            | 35707            | 11.26             | 23417             | 16.78              | 34903              | 20.12            | 41851            | 13.09                  | 27229                  | 21.37                  | 44451                  |
| 33-9011        | Animal Control Workers                       | 20                 | 12.73            | 26488            | 10.6              | 22054             | 12.68              | 26382              | 13.8             | 28705            | 11.16                  | 23216                  | 14.4                   | 29948                  |
| 33-9032        | Security Guards                              | 650                | 11.81            | 24563            | 8.31              | 17284             | 10.64              | 22122              | 13.56            | 28202            | 8.86                   | 18425                  | 15.51                  | 32259                  |
| 33-9091        | Crossing Guards                              |                    | 7.5              | 15603            | 6.53              | 13591             | 7.14               | 14851              | 7.99             | 16609            | 6.23                   | 12958                  | 8.38                   | 17424                  |
| 33-9092        | Lifeguards, Ski Patrol, and Other Recreation |                    | 8.26             | 17181            | 6.64              | 13803             | 7.65               | 15904              | 9.07             | 18870            | 6.53                   | 13592                  | 9.46                   | 19677                  |
| 33-9099        | Protective Service Workers,                  | 60                 | 14.46            | 30086            | 9.46              | 19672             | 14.16              | 29459              | 16.97            | 35294            | 10.92                  | 22714                  | 17.37                  | 36124                  |
| <b>35-0000</b> | <b>Food Preparation and Serv</b>             | <b>8390</b>        | <b>7.42</b>      | <b>15426</b>     | <b>6.39</b>       | <b>13283</b>      | <b>6.88</b>        | <b>14309</b>       | <b>7.93</b>      | <b>16497</b>     | <b>6.12</b>            | <b>12726</b>           | <b>7.93</b>            | <b>16491</b>           |
| 35-1011        | Chefs and Head Cooks                         |                    | 18.56            | 38609            | 9.54              | 19851             | 16.58              | 34482              | 23.07            | 47988            | 10.5                   | 21833                  | 27.68                  | 57582                  |
| 35-1012        | First-Line Supervisors/Mana                  | 530                | 11.13            | 23156            | 7.43              | 15450             | 10.46              | 21759              | 12.99            | 27010            | 8.21                   | 17067                  | 13.47                  | 28026                  |
| 35-2011        | Cooks, Fast Food                             | 680                | 7.08             | 14718            | 6.39              | 13294             | 6.77               | 14089              | 7.42             | 15430            | 6.09                   | 12675                  | 7.62                   | 15839                  |
| 35-2012        | Cooks, Institution and Cafete                | 640                | 8.2              | 17057            | 6.4               | 13309             | 7.59               | 15795              | 9.1              | 18931            | 6.46                   | 13437                  | 9.43                   | 19619                  |
| 35-2014        | Cooks, Restaurant                            | 410                | 7.94             | 16514            | 6.34              | 13195             | 7.53               | 15668              | 8.74             | 18173            | 6.44                   | 13389                  | 8.77                   | 18241                  |

# 2007 OES OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES

| Soc Code       | Soc Title                                  | Rounded Employment | Mean Hourly Wage | Mean Annual Wage | Entry Hourly Wage | Entry Annual Wage | Median Hourly Wage | Median Annual Wage | Exp. Hourly Wage | Exp. Annual Wage | Hourly 25th Percentile | Annual 25th Percentile | Hourly 75th Percentile | Annual 75th Percentile |
|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 35-2015        | Cooks, Short Order                         | 250                | 7.38             | 15343            | 6.53              | 13591             | 7.24               | 15065              | 7.8              | 16220            | 6.28                   | 13069                  | 8.35                   | 17359                  |
| 35-2021        | Food Preparation Workers                   | 660                | 7.35             | 15278            | 6.36              | 13231             | 7.38               | 15350              | 7.84             | 16301            | 6.36                   | 13238                  | 8.38                   | 17430                  |
| 35-3011        | Bartenders                                 | 80                 | 7.52             | 15651            | 6.43              | 13380             | 7.55               | 15703              | 8.07             | 16786            | 6.44                   | 13387                  | 8.53                   | 17750                  |
| 35-3021        | Combined Food Preparation                  | 2450               | 6.73             | 14004            | 6.36              | 13234             | 6.59               | 13698              | 6.92             | 14389            | 5.96                   | 12396                  | 7.22                   | 15019                  |
| 35-3022        | Counter Attendants, Cafeteri               | 360                | 7.39             | 15368            | 6.46              | 13434             | 7.01               | 14590              | 7.85             | 16336            | 6.21                   | 12922                  | 8.06                   | 16769                  |
| 35-3031        | Waiters and Waitresses                     | 1410               | 6.71             | 13955            | 6.38              | 13269             | 6.56               | 13643              | 6.87             | 14298            | 5.95                   | 12369                  | 7.17                   | 14916                  |
| 35-3041        | Food Servers, Nonrestauran                 | 180                | 6.66             | 13861            | 6.37              | 13258             | 6.57               | 13671              | 6.81             | 14162            | 6.03                   | 12540                  | 7.12                   | 14802                  |
| 35-9011        | Dining Room and Cafeteria /                | 170                | 7.3              | 15181            | 6.5               | 13519             | 7.17               | 14903              | 7.7              | 16012            | 6.24                   | 12969                  | 8.31                   | 17282                  |
| 35-9021        | Dishwashers                                | 330                | 6.86             | 14272            | 6.39              | 13283             | 6.76               | 14052              | 7.1              | 14766            | 6.08                   | 12640                  | 7.54                   | 15680                  |
| 35-9031        | Hosts and Hostesses, Resta                 | 190                | 7.03             | 14618            | 6.45              | 13412             | 6.89               | 14324              | 7.32             | 15221            | 6.08                   | 12650                  | 7.78                   | 16187                  |
| <b>37-0000</b> | <b>Building and Grounds Clea</b>           | <b>2650</b>        | <b>8.78</b>      | <b>18258</b>     | <b>6.4</b>        | <b>13316</b>      | <b>8.17</b>        | <b>16998</b>       | <b>9.97</b>      | <b>20729</b>     | <b>6.7</b>             | <b>13944</b>           | <b>10</b>              | <b>20793</b>           |
| 37-1011        | First-Line Supervisors/Mana                | 130                | 13.98            | 29075            | 10.78             | 22414             | 14.06              | 29253              | 15.58            | 32405            | 11.88                  | 24718                  | 16.41                  | 34137                  |
| 37-1012        | First-Line Supervisors/Mana                | 40                 | 14.72            | 30616            | 9.61              | 19983             | 13.98              | 29072              | 17.28            | 35933            | 10.65                  | 22149                  | 17.59                  | 36585                  |
| 37-2011        | Janitors and Cleaners, Exce                | 1450               | 8.39             | 17443            | 6.4               | 13302             | 7.94               | 16513              | 9.38             | 19514            | 6.55                   | 13617                  | 9.59                   | 19956                  |
| 37-2012        | Maids and Housekeeping Cl                  | 440                | 7.56             | 15726            | 6.39              | 13284             | 7.37               | 15332              | 8.15             | 16947            | 6.39                   | 13300                  | 8.51                   | 17696                  |
| 37-2021        | Pest Control Workers                       | 50                 | 11.82            | 24584            | 10.44             | 21718             | 11.46              | 23829              | 12.51            | 26017            | 10.41                  | 21660                  | 13.57                  | 28219                  |
| 37-3011        | Landscaping and Groundske                  | 490                | 8.62             | 17921            | 6.51              | 13536             | 8.37               | 17404              | 9.67             | 20113            | 7                      | 14554                  | 9.72                   | 20228                  |
| <b>39-0000</b> | <b>Personal Care and Service</b>           | <b>4030</b>        | <b>8.98</b>      | <b>18678</b>     | <b>6.46</b>       | <b>13434</b>      | <b>8.09</b>        | <b>16832</b>       | <b>10.24</b>     | <b>21301</b>     | <b>6.76</b>            | <b>14052</b>           | <b>9.46</b>            | <b>19669</b>           |
| 39-1011        | Gaming Supervisors                         | 20                 | 20.46            | 42560            | 13.11             | 27267             | 19.59              | 40756              | 24.14            | 50207            | 14.52                  | 30193                  | 24.87                  | 51719                  |
| 39-1021        | First-Line Supervisors/Mana                | 40                 | 13.82            | 28750            | 10.87             | 22605             | 13.33              | 27725              | 15.3             | 31823            | 11.76                  | 24452                  | 14.68                  | 30530                  |
| 39-3012        | Gaming and Sports Book Wr                  | 80                 | 10.48            | 21808            | 7.74              | 16094             | 10.19              | 21193              | 11.86            | 24665            | 8.44                   | 17563                  | 11.49                  | 23902                  |
| 39-3091        | Amusement and Recreation                   | 20                 | 8.44             | 17545            | 6.37              | 13243             | 7.68               | 15976              | 9.47             | 19697            | 6.56                   | 13640                  | 8.94                   | 18594                  |
| 39-5012        | Hairdressers, Hairstylists, an             | 170                | 7.67             | 15944            | 6.51              | 13547             | 7.5                | 15607              | 8.24             | 17143            | 6.5                    | 13525                  | 8.65                   | 17992                  |
| 39-9011        | Child Care Workers                         | 290                | 7.35             | 15281            | 6.54              | 13594             | 7.02               | 14604              | 7.75             | 16125            | 6.18                   | 12851                  | 8.17                   | 17000                  |
| 39-9021        | Personal and Home Care Ai                  | 1660               | 7.95             | 16532            | 6.42              | 13346             | 8.05               | 16744              | 8.71             | 18125            | 6.89                   | 14334                  | 8.9                    | 18503                  |
| 39-9031        | Fitness Trainers and Aerobics Instructors  | 13                 | 13.17            | 27404            | 7.96              | 16565             | 11.55              | 24027              | 15.78            | 32823            | 8.86                   | 18419                  | 17.44                  | 36278                  |
| 39-9032        | Recreation Workers                         | 420                | 7.73             | 16070            | 6.54              | 13612             | 7.13               | 14840              | 8.32             | 17299            | 6.24                   | 12982                  | 8.62                   | 17928                  |
| 39-9041        | Residential Advisors                       | 9                  | 9.96             | 20712            | 8.24              | 17131             | 10.33              | 21484              | 10.82            | 22503            | 9.32                   | 19376                  | 11.16                  | 23212                  |
| 39-9099        | Personal Care and Service Workers, All Oth | 6                  | 6.59             | 13717            | 6.36              | 13228             | 6.38               | 13273              | 6.71             | 13961            | 5.77                   | 12008                  | 6.99                   | 14538                  |
| <b>41-0000</b> | <b>Sales and Related Occupa</b>            | <b>8760</b>        | <b>9.98</b>      | <b>20767</b>     | <b>6.38</b>       | <b>13276</b>      | <b>7.83</b>        | <b>16295</b>       | <b>11.78</b>     | <b>24512</b>     | <b>6.53</b>            | <b>13578</b>           | <b>10.58</b>           | <b>22002</b>           |
| 41-1011        | First-Line Supervisors/Mana                | 820                | 14.12            | 29380            | 9.15              | 19027             | 12.97              | 26987              | 16.61            | 34556            | 10.13                  | 21062                  | 16.96                  | 35281                  |
| 41-1012        | First-Line Supervisors/Mana                | 110                | 27.92            | 58066            | 11.54             | 23999             | 23.7               | 49305              | 36.11            | 75100            | 11.92                  | 24790                  | 44.77                  | 93125                  |
| 41-2011        | Cashiers                                   | 3770               | 7.17             | 14914            | 6.37              | 13253             | 6.89               | 14339              | 7.57             | 15745            | 6.11                   | 12712                  | 7.95                   | 16541                  |
| 41-2021        | Counter and Rental Clerks                  | 280                | 9.26             | 19260            | 6.34              | 13195             | 7.49               | 15572              | 10.72            | 22293            | 6.38                   | 13277                  | 10.63                  | 22107                  |
| 41-2022        | Parts Salespersons                         | 310                | 9.48             | 19718            | 7.75              | 16118             | 8.78               | 18255              | 10.35            | 21518            | 7.96                   | 16560                  | 10.4                   | 21641                  |
| 41-2031        | Retail Salespersons                        | 2510               | 9.04             | 18805            | 6.42              | 13356             | 7.92               | 16478              | 10.35            | 21530            | 6.59                   | 13710                  | 10.14                  | 21086                  |
| 41-3011        | Advertising Sales Agents                   | 30                 | 13.8             | 28694            | 8.29              | 17235             | 11.72              | 24386              | 16.55            | 34423            | 9.1                    | 18923                  | 16.46                  | 34241                  |
| 41-3021        | Insurance Sales Agents                     | 110                | 21.12            | 43927            | 15.48             | 32200             | 21.3               | 44300              | 23.94            | 49790            | 18.38                  | 38234                  | 23.59                  | 49076                  |
| 41-3031        | Securities, Commodities, and Financial Ser | 1                  | 26.26            | 54628            | 11.58             | 24083             | 13.21              | 27481              | 33.61            | 69901            | 11.91                  | 24763                  | 24.74                  | 51465                  |
| 41-3099        | Sales Representatives, Serv                | 60                 | 14.01            | 29142            | 9.49              | 19733             | 14.51              | 30171              | 16.27            | 33846            | 12.46                  | 25909                  | 16.4                   | 34122                  |

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|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 41-4011        | Sales Representatives, Wholesale and Man |                    | 21.24            | 44172            | 10.73             | 22329             | 17.07              | 35516              | 26.49            | 55093            | 11.71                  | 24365                  | 23.82                  | 49538                  |
| 41-4012        | Sales Representatives, Who               | 340                | 18.92            | 39346            | 8.52              | 17732             | 16.15              | 33592              | 24.11            | 50153            | 9.45                   | 19651                  | 23.89                  | 49701                  |
| 41-9011        | Demonstrators and Product I              | 10                 | 7.92             | 16483            | 7.58              | 15765             | 8.11               | 16861              | 8.1              | 16842            | 7.58                   | 15774                  | 8.63                   | 17948                  |
| 41-9022        | Real Estate Sales Agents                 | 20                 | 20.99            | 43654            | 10.16             | 21128             | 21.36              | 44422              | 26.4             | 54917            | 10.75                  | 22360                  | 28.31                  | 58886                  |
| 41-9099        | Sales and Related Workers,               | 90                 | 11.5             | 23915            | 7.74              | 16108             | 9.92               | 20627              | 13.37            | 27819            | 8.29                   | 17249                  | 13.16                  | 27365                  |
| <b>43-0000</b> | <b>Office and Administrative S</b>       | <b>12490</b>       | <b>11.95</b>     | <b>24859</b>     | <b>7.64</b>       | <b>15896</b>      | <b>10.91</b>       | <b>22703</b>       | <b>14.11</b>     | <b>29340</b>     | <b>8.54</b>            | <b>17770</b>           | <b>14.35</b>           | <b>29858</b>           |
| 43-1011        | First-Line Supervisors/Mana              | 740                | 16.29            | 33875            | 10.28             | 21376             | 15.59              | 32422              | 19.29            | 40124            | 11.7                   | 24344                  | 19.47                  | 40497                  |
| 43-2011        | Switchboard Operators, Inclu             | 110                | 9.98             | 20767            | 7.68              | 15983             | 9.8                | 20385              | 11.13            | 23159            | 8.39                   | 17444                  | 11.34                  | 23595                  |
| 43-3011        | Bill and Account Collectors              | 140                | 11.87            | 24692            | 7.04              | 14644             | 10.64              | 22123              | 14.29            | 29717            | 7.75                   | 16122                  | 14.2                   | 29531                  |
| 43-3021        | Billing and Posting Clerks an            | 320                | 11.03            | 22938            | 8.18              | 17013             | 10.56              | 21968              | 12.45            | 25901            | 9.02                   | 18754                  | 12.67                  | 26355                  |
| 43-3031        | Bookkeeping, Accounting, ar              | 1080               | 12.64            | 26282            | 8.83              | 18362             | 12.12              | 25214              | 14.54            | 30241            | 9.84                   | 20465                  | 14.95                  | 31106                  |
| 43-3051        | Payroll and Timekeeping Cle              | 180                | 12.46            | 25914            | 9.2               | 19137             | 11.88              | 24703              | 14.09            | 29303            | 9.97                   | 20747                  | 14.93                  | 31050                  |
| 43-3061        | Procurement Clerks                       | 50                 | 14.81            | 30807            | 9.77              | 20331             | 14.48              | 30118              | 17.33            | 36045            | 11.21                  | 23307                  | 18.39                  | 38243                  |
| 43-3071        | Tellers                                  | 490                | 9.49             | 19741            | 7.86              | 16340             | 9.39               | 19529              | 10.31            | 21441            | 8.28                   | 17212                  | 10.76                  | 22386                  |
| 43-4031        | Court, Municipal, and License Clerks     |                    | 10.44            | 21719            | 8.3               | 17268             | 9.99               | 20785              | 11.51            | 23945            | 8.63                   | 17949                  | 11.76                  | 24470                  |
| 43-4041        | Credit Authorizers, Checkers, and Clerks | 18                 |                  | 37447            | 11.8              | 24539             | 13.42              | 27906              | 21.11            | 43901            | 12.15                  | 25262                  | 29.61                  | 61591                  |
| 43-4051        | Customer Service Represen                | 520                | 11.8             | 24536            | 7.93              | 16500             | 11.46              | 23837              | 13.73            | 28554            | 9.05                   | 18823                  | 14.24                  | 29629                  |
| 43-4061        | Eligibility Interviewers, Govei          | 150                | 14.52            | 30199            | 10.99             | 22857             | 14.13              | 29396              | 16.28            | 33870            | 12.4                   | 25785                  | 17.14                  | 35645                  |
| 43-4071        | File Clerks                              | 160                | 9.62             | 20000            | 7.76              | 16140             | 8.98               | 18670              | 10.54            | 21930            | 8.03                   | 16698                  | 11.24                  | 23369                  |
| 43-4081        | Hotel, Motel, and Resort Des             | 210                | 7.47             | 15543            | 6.44              | 13399             | 7.39               | 15372              | 7.99             | 16615            | 6.39                   | 13284                  | 8.38                   | 17428                  |
| 43-4111        | Interviewers, Except Eligibilit          | 80                 | 9.29             | 19318            | 7.15              | 14871             | 9.2                | 19130              | 10.36            | 21541            | 7.74                   | 16094                  | 10.89                  | 22656                  |
| 43-4121        | Library Assistants, Clerical             |                    | 9.66             | 20085            | 7.54              | 15683             | 10.08              | 20974              | 10.71            | 22286            | 8.32                   | 17311                  | 11.25                  | 23407                  |
| 43-4131        | Loan Interviewers and Clerks             | 350                | 14.89            | 30977            | 9.43              | 19623             | 13.22              | 27498              | 17.62            | 36654            | 10.62                  | 22095                  | 19.88                  | 41351                  |
| 43-4141        | New Accounts Clerks                      | 50                 | 12.76            | 26531            | 9.02              | 18752             | 11.65              | 24222              | 14.63            | 30420            | 9.62                   | 20000                  | 14.86                  | 30904                  |
| 43-4151        | Order Clerks                             | 250                | 16.74            | 34825            | 11.95             | 24855             | 15.6               | 32454              | 19.14            | 39810            | 13.36                  | 27793                  | 20.85                  | 43372                  |
| 43-4161        | Human Resources Assistant                | 80                 | 14.53            | 30224            | 9.73              | 20242             | 14.18              | 29488              | 16.93            | 35215            | 11.34                  | 23594                  | 17.4                   | 36189                  |
| 43-4171        | Receptionists and Informatio             | 390                | 9.29             | 19328            | 7.18              | 14944             | 9.08               | 18892              | 10.35            | 21519            | 7.76                   | 16137                  | 10.93                  | 22740                  |
| 43-4199        | Information and Record Cler              | 210                | 14.21            | 29554            | 9.88              | 20540             | 14.35              | 29839              | 16.38            | 34061            | 12.18                  | 25342                  | 17.1                   | 35562                  |
| 43-5031        | Police, Fire, and Ambulance              | 150                | 11.62            | 24167            | 8.63              | 17959             | 11.26              | 23415              | 13.11            | 27271            | 9.45                   | 19661                  | 13.65                  | 28396                  |
| 43-5032        | Dispatchers, Except Police, I            | 50                 | 14.49            | 30130            | 8.63              | 17956             | 12.34              | 25658              | 17.41            | 36217            | 9.01                   | 18731                  | 17.48                  | 36368                  |
| 43-5041        | Meter Readers, Utilities                 | 130                | 12.27            | 25530            | 11.08             | 23042             | 11.96              | 24876              | 12.87            | 26773            | 10.95                  | 22786                  | 13.49                  | 28057                  |
| 43-5051        | Postal Service Clerks                    | 60                 | 21.18            | 44046            | 20.21             | 42027             | 21.56              | 44845              | 21.66            | 45055            | 20.09                  | 41787                  | 23.03                  | 47902                  |
| 43-5052        | Postal Service Mail Carriers             | 280                | 20.93            | 43539            | 16.55             | 34415             | 20.76              | 43174              | 23.13            | 48101            | 17.65                  | 36703                  | 23.93                  | 49773                  |
| 43-5053        | Postal Service Mail Sorters,             | 60                 | 18.63            | 38750            | 12.66             | 26337             | 20.41              | 42449              | 21.61            | 44957            | 15.68                  | 32611                  | 22.53                  | 46865                  |
| 43-5061        | Production, Planning, and E)             | 80                 | 16.79            | 34933            | 9.77              | 20316             | 16.82              | 34986              | 20.31            | 42241            | 11.66                  | 24249                  | 21.11                  | 43907                  |
| 43-5071        | Shipping, Receiving, and Tra             | 160                | 12.41            | 25815            | 8.24              | 17135             | 11.27              | 23442              | 14.5             | 30155            | 9.22                   | 19184                  | 14                     | 29128                  |
| 43-5081        | Stock Clerks and Order Fille             | 950                | 9.14             | 19002            | 6.63              | 13783             | 8.62               | 17928              | 10.39            | 21611            | 7.19                   | 14946                  | 10.43                  | 21691                  |
| 43-5111        | Weighers, Measurers, Check               | 10                 | 12.56            | 26130            | 8.64              | 17962             | 11.59              | 24104              | 14.53            | 30213            | 9.14                   | 19017                  | 14.47                  | 30098                  |
| 43-6011        | Executive Secretaries and A              | 640                | 15.13            | 31471            | 11.43             | 23767             | 14.2               | 29539              | 16.98            | 35324            | 12.31                  | 25606                  | 17                     | 35363                  |
| 43-6012        | Legal Secretaries                        | 40                 | 16.72            | 34782            | 14.25             | 29643             | 16.22              | 33728              | 17.96            | 37352            | 14.88                  | 30943                  | 17.72                  | 36861                  |

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|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 43-6013        | Medical Secretaries                        | 160                | 11.1             | 23097            | 7.03              | 14628             | 10.38              | 21593              | 13.14            | 27331            | 7.71                   | 16030                  | 14.68                  | 30542                  |
| 43-6014        | Secretaries, Except Legal, M               | 1330               | 11.17            | 23238            | 7.93              | 16486             | 10.57              | 21980              | 12.8             | 26614            | 8.85                   | 18414                  | 12.92                  | 26877                  |
| 43-9011        | Computer Operators                         | 20                 | 12.04            | 25050            | 8.47              | 17621             | 11.14              | 23163              | 13.83            | 28765            | 9.51                   | 19781                  | 14.98                  | 31167                  |
| 43-9021        | Data Entry Keyers                          | 60                 | 10.04            | 20884            | 7.56              | 15725             | 9.39               | 19532              | 11.28            | 23464            | 8.06                   | 16762                  | 12.01                  | 24974                  |
| 43-9022        | Word Processors and Typist                 | 10                 | 12.05            | 25060            | 10.74             | 22349             | 11.64              | 24211              | 12.7             | 26415            | 10.63                  | 22114                  | 13.33                  | 27732                  |
| 43-9041        | Insurance Claims and Policy Processing Clk |                    | 8.91             | 18534            | 8.1               | 16852             | 8.81               | 18325              | 9.32             | 19375            | 8.13                   | 16909                  | 9.45                   | 19649                  |
| 43-9051        | Mail Clerks and Mail Machin                | 40                 | 10.4             | 21629            | 6.47              | 13451             | 10.75              | 22362              | 12.36            | 25718            | 6.55                   | 13633                  | 13.93                  | 28978                  |
| 43-9061        | Office Clerks, General                     | 1580               | 10.7             | 22259            | 7.79              | 16206             | 10.14              | 21099              | 12.16            | 25286            | 8.48                   | 17639                  | 12.26                  | 25496                  |
| <b>45-0000</b> | <b>Farming, Fishing, and Fore</b>          | <b>630</b>         | <b>8.63</b>      | <b>17944</b>     | <b>6.29</b>       | <b>13074</b>      | <b>7.72</b>        | <b>16064</b>       | <b>9.8</b>       | <b>20379</b>     | <b>6.54</b>            | <b>13598</b>           | <b>10</b>              | <b>20791</b>           |
| 45-2093        | Farmworkers, Farm and Ranch Animals        |                    | 9.48             | 19728            | 8.2               | 17047             | 9.57               | 19906              | 10.13            | 21068            | 8.48                   | 17636                  | 10.65                  | 22146                  |
| <b>47-0000</b> | <b>Construction and Extractiv</b>          | <b>3370</b>        | <b>14.33</b>     | <b>29815</b>     | <b>9.58</b>       | <b>19937</b>      | <b>13.14</b>       | <b>27334</b>       | <b>16.71</b>     | <b>34754</b>     | <b>10.47</b>           | <b>21783</b>           | <b>17</b>              | <b>35356</b>           |
| 47-1011        | First-Line Supervisors/Mana                | 290                | 23.53            | 48934            | 15.19             | 31603             | 19.8               | 41186              | 27.69            | 57600            | 16.53                  | 34377                  | 26.88                  | 55919                  |
| 47-2021        | Brickmasons and Blockmasc                  | 20                 | 17.22            | 35820            | 12.39             | 25773             | 17.25              | 35885              | 19.64            | 40844            | 13.12                  | 27282                  | 21.57                  | 44859                  |
| 47-2031        | Carpenters                                 | 260                | 12.57            | 26144            | 9.35              | 19442             | 12.37              | 25739              | 14.18            | 29496            | 10.11                  | 21033                  | 14.55                  | 30262                  |
| 47-2051        | Cement Masons and Concre                   | 140                | 14.05            | 29222            | 9.57              | 19914             | 14.76              | 30699              | 16.29            | 33876            | 10.53                  | 21901                  | 17.61                  | 36621                  |
| 47-2061        | Construction Laborers                      | 540                | 11.44            | 23790            | 8.32              | 17309             | 10.96              | 22791              | 13               | 27030            | 8.91                   | 18529                  | 13.75                  | 28598                  |
| 47-2071        | Paving, Surfacing, and Tamp                | 120                | 12.18            | 25329            | 10.3              | 21427             | 12.2               | 25382              | 13.12            | 27280            | 10.8                   | 22474                  | 13.87                  | 28839                  |
| 47-2073        | Operating Engineers and Otl                | 290                | 14.04            | 29193            | 11.12             | 23131             | 13.83              | 28763              | 15.49            | 32224            | 12.1                   | 25177                  | 15.42                  | 32075                  |
| 47-2111        | Electricians                               | 270                | 20.08            | 41759            | 14.42             | 29996             | 20.27              | 42166              | 22.9             | 47641            | 16.43                  | 34175                  | 24.29                  | 50519                  |
| 47-2141        | Painters, Construction and I               | 50                 | 14.09            | 29315            | 10.02             | 20845             | 12.52              | 26035              | 16.13            | 33550            | 10.59                  | 22031                  | 16.48                  | 34277                  |
| 47-2151        | Pipelayers                                 | 50                 | 11.41            | 23726            | 10.39             | 21601             | 11.37              | 23657              | 11.92            | 24789            | 10.45                  | 21734                  | 12.28                  | 25547                  |
| 47-2152        | Plumbers, Pipefitters, and St              | 130                | 18.99            | 39498            | 17.14             | 35651             | 19                 | 39529              | 19.91            | 41421            | 17.48                  | 36360                  | 20.28                  | 42183                  |
| 47-2181        | Roofers                                    |                    | 12.36            | 25700            | 9.65              | 20062             | 11.68              | 24297              | 13.71            | 28519            | 10.14                  | 21087                  | 14.73                  | 30646                  |
| 47-3012        | Helpers--Carpenters                        |                    | 8.27             | 17212            | 8.12              | 16879             | 8.32               | 17311              | 8.35             | 17378            | 7.83                   | 16286                  | 8.82                   | 18336                  |
| 47-3013        | Helpers--Electricians                      |                    | 11.29            | 23490            | 10.13             | 21067             | 10.99              | 22858              | 11.88            | 24702            | 10.11                  | 21026                  | 11.87                  | 24691                  |
| 47-3019        | Helpers, Construction Trade:               | 30                 | 8.73             | 18165            | 7.35              | 15285             | 8.71               | 18121              | 9.43             | 19605            | 7.88                   | 16381                  | 9.79                   | 20370                  |
| 47-4011        | Construction and Building In:              | 60                 | 17.65            | 36718            | 13.62             | 28338             | 16.98              | 35315              | 19.67            | 40907            | 14.71                  | 30596                  | 19.82                  | 41235                  |
| 47-4051        | Highway Maintenance Work                   | 230                | 11.49            | 23895            | 9.27              | 19287             | 11.26              | 23415              | 12.6             | 26199            | 10.04                  | 20890                  | 12.92                  | 26875                  |
| 47-4071        | Septic Tank Servicers and Sewer Pipe Clea  |                    | 13.25            | 27554            | 11.18             | 23255             | 14.01              | 29136              | 14.28            | 29704            | 12.94                  | 26925                  | 15.07                  | 31348                  |
| <b>49-0000</b> | <b>Installation, Maintenance, i</b>        | <b>3770</b>        | <b>15.97</b>     | <b>33210</b>     | <b>8.53</b>       | <b>17733</b>      | <b>14.65</b>       | <b>30465</b>       | <b>19.69</b>     | <b>40949</b>     | <b>9.85</b>            | <b>20478</b>           | <b>21.3</b>            | <b>44302</b>           |
| 49-1011        | First-Line Supervisors/Mana                | 300                | 21.51            | 44732            | 10.52             | 21875             | 21.02              | 43732              | 27               | 56161            | 14.23                  | 29591                  | 29.48                  | 61325                  |
| 49-2011        | Computer, Automated Teller                 | 30                 | 15.52            | 32279            | 11.12             | 23129             | 15.35              | 31937              | 17.72            | 36854            | 13.3                   | 27668                  | 17.57                  | 36550                  |
| 49-2022        | Telecommunications Equipr                  | 80                 | 20.03            | 41652            | 12.65             | 26315             | 20.98              | 43646              | 23.71            | 49321            | 14.51                  | 30180                  | 25.7                   | 53464                  |
| 49-2094        | Electrical and Electronics Re              | 30                 | 22.46            | 46718            | 12.2              | 25384             | 25.39              | 52806              | 27.59            | 57385            | 12.83                  | 26689                  | 28.23                  | 58724                  |
| 49-3021        | Automotive Body and Relate                 | 80                 | 13.25            | 27553            | 9.86              | 20500             | 11.74              | 24416              | 14.94            | 31080            | 10.41                  | 21643                  | 15.99                  | 33263                  |
| 49-3023        | Automotive Service Technici                | 460                | 13.54            | 28154            | 7.55              | 15696             | 12.69              | 26390              | 16.53            | 34383            | 8.46                   | 17600                  | 18.84                  | 39192                  |
| 49-3031        | Bus and Truck Mechanics ar                 | 110                | 11.96            | 24870            | 7.4               | 15394             | 11.36              | 23623              | 14.23            | 29608            | 8.45                   | 17580                  | 14.66                  | 30493                  |
| 49-3042        | Mobile Heavy Equipment Me                  | 20                 | 16.27            | 33835            | 12.86             | 26752             | 15.1               | 31412              | 17.97            | 37377            | 13.26                  | 27588                  | 19.28                  | 40112                  |
| 49-3053        | Outdoor Power Equipment and Other Small    |                    | 8.06             | 16773            | 6.42              | 13353             | 7.93               | 16493              | 8.89             | 18483            | 6.62                   | 13775                  | 9.29                   | 19313                  |
| 49-3093        | Tire Repairers and Changers                |                    | 7.19             | 14959            | 6.24              | 12989             | 7                  | 14556              | 7.67             | 15944            | 6.18                   | 12855                  | 8.38                   | 17433                  |

# 2007 OES OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES

| Soc Code       | Soc Title                                  | Rounded Employment | Mean Hourly Wage | Mean Annual Wage | Entry Hourly Wage | Entry Annual Wage | Median Hourly Wage | Median Annual Wage | Exp. Hourly Wage | Exp. Annual Wage | Hourly 25th Percentile | Annual 25th Percentile | Hourly 75th Percentile | Annual 75th Percentile |
|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 49-9012        | Control and Valve Installers ;             | 30                 | 19.97            | 41532            | 11.07             | 23023             | 21.73              | 45193              | 24.42            | 50786            | 12.05                  | 25065                  | 26.22                  | 54546                  |
| 49-9021        | Heating, Air Conditioning, an              | 180                | 16.26            | 33815            | 11.53             | 23980             | 15.25              | 31710              | 18.62            | 38732            | 12.99                  | 27012                  | 20.61                  | 42861                  |
| 49-9041        | Industrial Machinery Mechan                | 260                | 18.34            | 38152            | 11.56             | 24040             | 18.8               | 39102              | 21.73            | 45208            | 15.69                  | 32639                  | 21.85                  | 45450                  |
| 49-9042        | Maintenance and Repair Wo                  | 1250               | 14.35            | 29850            | 8.49              | 17668             | 12.82              | 26655              | 17.28            | 35940            | 9.62                   | 20009                  | 18.44                  | 38346                  |
| 49-9043        | Maintenance Workers, Mach                  | 120                | 14.35            | 29841            | 9.77              | 20313             | 13.55              | 28178              | 16.64            | 34605            | 10.7                   | 22261                  | 17.31                  | 36015                  |
| 49-9051        | Electrical Power-Line Installe             | 210                | 21.06            | 43795            | 13.95             | 29020             | 20.03              | 41653              | 24.61            | 51182            | 16.05                  | 33379                  | 26.66                  | 55448                  |
| 49-9052        | Telecommunications Line Installers and Rep |                    | 22.16            | 46100            | 15.61             | 32463             | 24.06              | 50041              | 25.44            | 52918            | 17.6                   | 36599                  | 26.61                  | 55339                  |
| 49-9062        | Medical Equipment Repairer                 | 10                 | 20.24            | 42099            | 12.46             | 25909             | 21.44              | 44590              | 24.13            | 50194            | 13.7                   | 28504                  | 25.97                  | 54014                  |
| 49-9091        | Coin, Vending, and Amusement Machine Ser   |                    | 10.05            | 20906            | 8.21              | 17083             | 10.03              | 20865              | 10.97            | 22817            | 8.7                    | 18095                  | 11.37                  | 23656                  |
| 49-9098        | Helpers--Installation, Mainte              | 90                 | 10.6             | 22051            | 6.93              | 14414             | 8.48               | 17635              | 12.44            | 25869            | 7.35                   | 15298                  | 11.39                  | 23681                  |
| 49-9099        | Installation, Maintenance, an              | 60                 | 21.88            | 45503            | 18.09             | 37636             | 22.47              | 46744              | 23.77            | 49436            | 20.46                  | 42554                  | 24.49                  | 50934                  |
| <b>51-0000</b> | <b>Production Occupations</b>              | <b>8260</b>        | <b>12.84</b>     | <b>26715</b>     | <b>8.06</b>       | <b>16764</b>      | <b>11.39</b>       | <b>23691</b>       | <b>15.24</b>     | <b>31691</b>     | <b>8.63</b>            | <b>17960</b>           | <b>15.39</b>           | <b>32017</b>           |
| 51-1011        | First-Line Supervisors/Mana                | 470                | 21.97            | 45704            | 14.73             | 30646             | 19.63              | 40821              | 25.59            | 53232            | 16.28                  | 33865                  | 24.73                  | 51438                  |
| 51-2041        | Structural Metal Fabricators               | 10                 | 11.8             | 24539            | 10.21             | 21247             | 11.4               | 23709              | 12.59            | 26185            | 10.27                  | 21356                  | 13.29                  | 27642                  |
| 51-2091        | Fiberglass Laminators and Fabricators      |                    | 13.38            | 27833            | 8.49              | 17654             | 11.51              | 23935              | 15.83            | 32922            | 8.96                   | 18636                  | 15.08                  | 31364                  |
| 51-2092        | Team Assemblers                            | 1010               | 11.31            | 23515            | 8.23              | 17119             | 10.66              | 22177              | 12.84            | 26713            | 8.72                   | 18137                  | 13.15                  | 27354                  |
| 51-2099        | Assemblers and Fabricators,                | 40                 | 9.22             | 19169            | 7.75              | 16119             | 8.72               | 18142              | 9.95             | 20694            | 7.92                   | 16481                  | 10.59                  | 22019                  |
| 51-3011        | Bakers                                     |                    | 8.21             | 17086            | 6.18              | 12846             | 7.27               | 15113              | 9.23             | 19206            | 6.33                   | 13165                  | 9.86                   | 20506                  |
| 51-3021        | Butchers and Meat Cutters                  | 90                 | 11.07            | 23029            | 7.36              | 15304             | 10.65              | 22149              | 12.93            | 26892            | 8.22                   | 17088                  | 13.76                  | 28625                  |
| 51-3022        | Meat, Poultry, and Fish Cutte              | 40                 | 9.25             | 19246            | 7.74              | 16091             | 8.55               | 17774              | 10.01            | 20824            | 7.84                   | 16316                  | 9.4                    | 19557                  |
| 51-3092        | Food Batchmakers                           | 60                 | 11.29            | 23491            | 9.07              | 18858             | 11.26              | 23420              | 12.41            | 25807            | 10                     | 20800                  | 12.83                  | 26694                  |
| 51-3093        | Food Cooking Machine Oper                  | 20                 | 8.8              | 18297            | 6.67              | 13870             | 8.46               | 17601              | 9.86             | 20511            | 7.24                   | 15067                  | 10                     | 20790                  |
| 51-4011        | Computer-Controlled Machin                 | 120                | 13.85            | 28808            | 11.91             | 24777             | 13.98              | 29079              | 14.82            | 30823            | 12.52                  | 26043                  | 15.32                  | 31873                  |
| 51-4031        | Cutting, Punching, and Press               | 40                 | 13.3             | 27673            | 9.58              | 19932             | 11.75              | 24449              | 15.17            | 31544            | 10.21                  | 21238                  | 15.58                  | 32415                  |
| 51-4033        | Grinding, Lapping, Polishing               | 60                 | 14.96            | 31118            | 11.48             | 23883             | 14.97              | 31130              | 16.7             | 34736            | 12.33                  | 25651                  | 16.56                  | 34452                  |
| 51-4034        | Lathe and Turning Machine                  | 90                 | 15.89            | 33059            | 11.99             | 24938             | 16.66              | 34647              | 17.85            | 37120            | 13.74                  | 28581                  | 18.37                  | 38205                  |
| 51-4041        | Machinists                                 | 170                | 12.76            | 26538            | 8.9               | 18516             | 13.11              | 27273              | 14.69            | 30550            | 10.07                  | 20946                  | 14.97                  | 31135                  |
| 51-4072        | Molding, Coremaking, and C                 | 270                | 9.2              | 19139            | 7.6               | 15810             | 8.74               | 18169              | 10               | 20804            | 7.9                    | 16431                  | 9.8                    | 20382                  |
| 51-4081        | Multiple Machine Tool Setter               | 20                 | 13.15            | 27355            | 9.82              | 20424             | 11.66              | 24261              | 14.82            | 30821            | 10.21                  | 21240                  | 15.87                  | 33010                  |
| 51-4111        | Tool and Die Makers                        | 10                 | 25.47            | 52986            | 16.9              | 35144             | 27.46              | 57115              | 29.76            | 61907            | 22.41                  | 46611                  | 30.62                  | 63698                  |
| 51-4121        | Welders, Cutters, Solderers,               | 310                | 15.79            | 32852            | 12.83             | 26680             | 15.04              | 31286              | 17.28            | 35938            | 13.28                  | 27630                  | 18.12                  | 37680                  |
| 51-5023        | Printing Machine Operators                 | 70                 | 15.3             | 31829            | 9.79              | 20368             | 15.39              | 32004              | 18.06            | 37559            | 10.82                  | 22504                  | 19.65                  | 40876                  |
| 51-6011        | Laundry and Dry-Cleaning W                 | 130                | 8.67             | 18031            | 7.09              | 14746             | 8.46               | 17596              | 9.46             | 19673            | 7.52                   | 15640                  | 9.79                   | 20353                  |
| 51-6031        | Sewing Machine Operators                   | 30                 | 8.74             | 18169            | 8.2               | 17063             | 8.57               | 17815              | 9                | 18722            | 7.97                   | 16571                  | 9.21                   | 19151                  |
| 51-7041        | Sawing Machine Setters, Op                 | 80                 | 9.3              | 19335            | 7.69              | 15994             | 9.17               | 19068              | 10.1             | 21006            | 8.05                   | 16754                  | 10.54                  | 21914                  |
| 51-8012        | Power Distributors and Dispatchers         |                    | 23.58            | 49042            | 13.82             | 28742             | 26.86              | 55877              | 28.46            | 59192            | 14.54                  | 30235                  | 30.06                  | 62519                  |
| 51-8031        | Water and Liquid Waste Tre:                | 130                | 11.68            | 24290            | 9.09              | 18901             | 11.01              | 22909              | 12.97            | 26985            | 9.54                   | 19838                  | 13.61                  | 28300                  |
| 51-9022        | Grinding and Polishing Work                | 170                | 9.34             | 19427            | 8.35              | 17366             | 8.96               | 18644              | 9.84             | 20457            | 8.22                   | 17089                  | 10.21                  | 21228                  |
| 51-9023        | Mixing and Blending Machin                 | 130                | 15.26            | 31738            | 10.88             | 22639             | 12.66              | 26339              | 17.45            | 36288            | 11.23                  | 23362                  | 14.93                  | 31059                  |
| 51-9032        | Cutting and Slicing Machine                | 60                 | 21.13            | 43950            | 19.47             | 40506             | 21.95              | 45656              | 21.96            | 45672            | 20.51                  | 42654                  | 23.39                  | 48657                  |

# 2007 OES OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES

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|----------------|--|--------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|
| 51-9041        | Extruding, Forming, Pressing             | 90                 | 12               | 24966            | 8.51              | 17710             | 10.14              | 21097              | 13.75            | 28595            | 8.74                   | 18187                  | 12.25                  | 25474                  |
| 51-9051        | Furnace, Kiln, Oven, Drier, a            | 50                 | 13.76            | 28611            | 11.57             | 24061             | 13.81              | 28715              | 14.85            | 30887            | 12.21                  | 25389                  | 15.23                  | 31677                  |
| 51-9061        | Inspectors, Testers, Sorters,            | 500                | 14.51            | 30190            | 9.92              | 20630             | 14.16              | 29455              | 16.81            | 34970            | 11.12                  | 23134                  | 17.29                  | 35971                  |
| 51-9081        | Dental Laboratory Technician             | 20                 | 23.05            | 47943            | 9.06              | 18847             | 21.34              | 44389              | 30.04            | 62491            | 14.34                  | 29831                  | 28.22                  | 58689                  |
| 51-9111        | Packaging and Filling Machin             | 200                | 10.94            | 22745            | 8.6               | 17893             | 10.56              | 21959              | 12.1             | 25171            | 9.22                   | 19172                  | 11.96                  | 24869                  |
| 51-9121        | Coating, Painting, and Spray             | 240                | 13.36            | 27784            | 12.54             | 26080             | 13.54              | 28168              | 13.77            | 28635            | 12.61                  | 26227                  | 14.47                  | 30108                  |
| 51-9122        | Painters, Transportation Equ             | 20                 | 14.2             | 29528            | 9.69              | 20163             | 13.74              | 28576              | 16.45            | 34211            | 10.18                  | 21164                  | 17.66                  | 36742                  |
| 51-9123        | Painting, Coating, and Decor             | 30                 | 10.8             | 22454            | 7.62              | 15854             | 9.43               | 19613              | 12.38            | 25754            | 8.14                   | 16921                  | 14.59                  | 30339                  |
| 51-9195        | Molders, Shapers, and Caste              | 80                 | 13.94            | 29004            | 10.03             | 20864             | 15.19              | 31589              | 15.9             | 33075            | 12                     | 24958                  | 16.56                  | 34446                  |
| 51-9198        | Helpers--Production Workers              | 1570               | 9.38             | 19516            | 7.89              | 16417             | 8.43               | 17527              | 10.13            | 21065            | 7.79                   | 16213                  | 9.32                   | 19392                  |
| 51-9199        | Production Workers, All Othe             | 140                |                  |                  |                   |                   |                    |                    |                  |                  |                        |                        |                        |                        |
| <b>53-0000</b> | <b>Transportation and Materiz</b>        | <b>4670</b>        | <b>12.34</b>     | <b>25660</b>     | <b>7.2</b>        | <b>14976</b>      | <b>10.84</b>       | <b>22556</b>       | <b>14.9</b>      | <b>31002</b>     | <b>8.09</b>            | <b>16831</b>           | <b>15.11</b>           | <b>31420</b>           |
| 53-1021        | First-Line Supervisors/Mana              | 110                | 14.71            | 30601            | 6.75              | 14032             | 14.45              | 30047              | 18.7             | 38886            | 7.38                   | 15352                  | 20.38                  | 42384                  |
| 53-1031        | First-Line Supervisors/Mana              | 180                | 17.99            | 37410            | 12.74             | 26509             | 17.45              | 36295              | 20.61            | 42860            | 14.31                  | 29759                  | 21.02                  | 43723                  |
| 53-3021        | Bus Drivers, Transit and Intercity       |                    | 9.06             | 18847            | 8.51              | 17696             | 8.92               | 18557              | 9.34             | 19422            | 8.3                    | 17266                  | 9.67                   | 20121                  |
| 53-3022        | Bus Drivers, School                      | 360                | 8.59             | 17862            | 6.37              | 13250             | 7.56               | 15728              | 9.7              | 20168            | 6.39                   | 13298                  | 10.39                  | 21621                  |
| 53-3031        | Driver/Sales Workers                     | 260                | 14.41            | 29976            | 7.94              | 16519             | 11.42              | 23752              | 17.65            | 36705            | 9.4                    | 19545                  | 20.95                  | 43568                  |
| 53-3032        | Truck Drivers, Heavy and Tr              | 1040               | 15.15            | 31521            | 8.45              | 17568             | 14.29              | 29713              | 18.51            | 38497            | 10.01                  | 20815                  | 20.3                   | 42232                  |
| 53-3033        | Truck Drivers, Light or Delive           | 480                | 12.42            | 25828            | 7.84              | 16298             | 10.45              | 21728              | 14.71            | 30594            | 8.52                   | 17719                  | 14.43                  | 30021                  |
| 53-3041        | Taxi Drivers and Chauffeurs              | 30                 | 7.96             | 16563            | 6.47              | 13465             | 7.42               | 15430              | 8.71             | 18112            | 6.37                   | 13242                  | 9.38                   | 19506                  |
| 53-3099        | Motor Vehicle Operators, All             | 20                 | 19.14            | 39814            | 16.47             | 34252             | 18.46              | 38407              | 20.48            | 42595            | 16.65                  | 34631                  | 21.75                  | 45231                  |
| 53-6011        | Bridge and Lock Tenders                  | 10                 | 21.66            | 45055            | 21.66             | 45055             | 21.88              | 45500              | 21.66            | 45055            | 20.56                  | 42770                  | 23.19                  | 48230                  |
| 53-7032        | Excavating and Loading Machine and Dragl |                    | 17.65            | 36705            | 13.08             | 27209             | 15.43              | 32094              | 19.93            | 41453            | 13.68                  | 28447                  | 23.33                  | 48530                  |
| 53-7051        | Industrial Truck and Tractor             | 580                | 11.26            | 23413            | 8.84              | 18380             | 10.84              | 22541              | 12.47            | 25929            | 9.38                   | 19502                  | 12.48                  | 25962                  |
| 53-7061        | Cleaners of Vehicles and Eq              | 170                | 8.13             | 16920            | 6.25              | 13007             | 6.85               | 14251              | 9.08             | 18876            | 6.11                   | 12700                  | 9.53                   | 19814                  |
| 53-7062        | Laborers and Freight, Stock,             | 890                | 10.19            | 21195            | 6.97              | 14495             | 9.36               | 19467              | 11.8             | 24545            | 7.6                    | 15800                  | 12.25                  | 25481                  |
| 53-7064        | Packers and Packagers, Har               | 180                | 7.47             | 15543            | 6.35              | 13216             | 6.85               | 14249              | 8.03             | 16706            | 6.04                   | 12564                  | 8.15                   | 16952                  |
| 53-7081        | Refuse and Recyclable Mate               | 120                | 10.4             | 21640            | 8.06              | 16764             | 10.39              | 21613              | 11.58            | 24078            | 8.76                   | 18212                  | 11.85                  | 24653                  |