



# The Tulsa WIA Economic Report

March 2012

Compiled by the division of  
Economic Research and Analysis  
Oklahoma Employment Security Commission

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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 [Imi1@oesc.state.ok.us](mailto:Imi1@oesc.state.ok.us).

The LMI site can be found at:

[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)



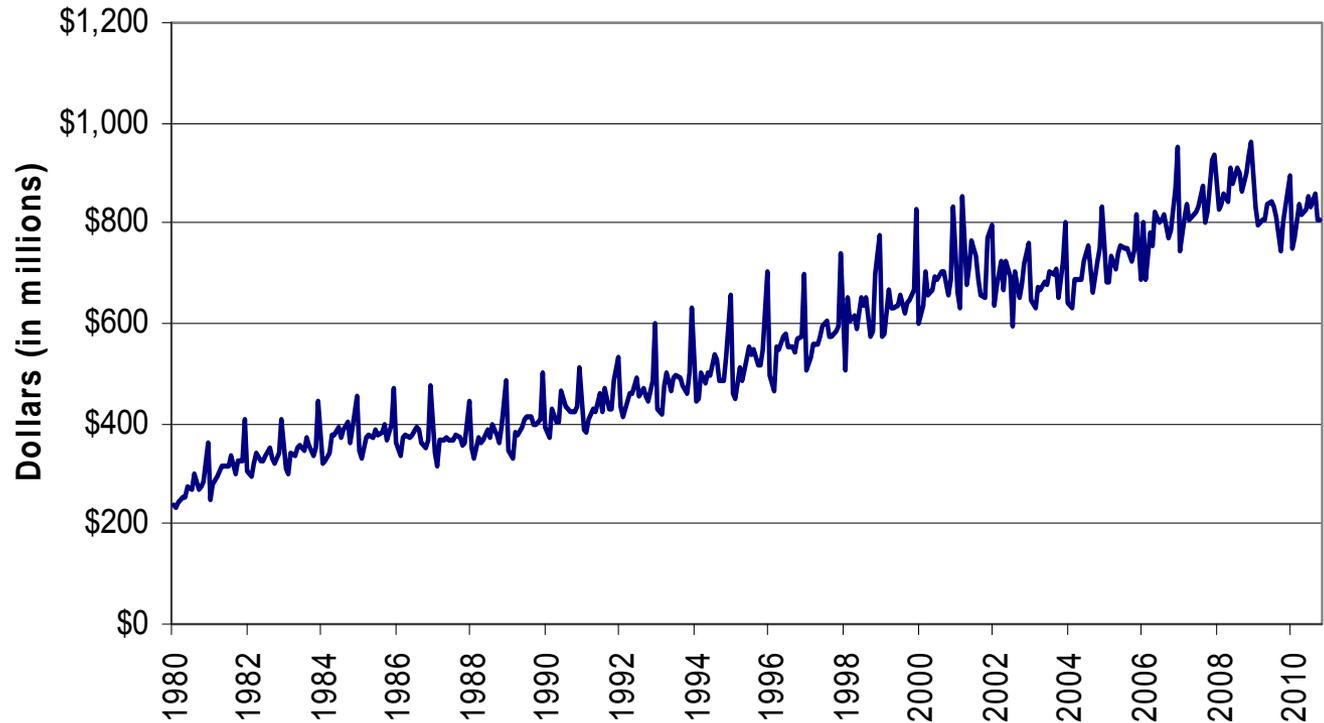
# Resources for Economic Data

What is it?	What does it have?	Where is it located?
<p><b>The Oklahoma Employment Security Commission's Labor Market Information website</b></p>	<p>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.</p>	<p><a href="http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics.index.html">http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics.index.html</a></p>
<p><b>The Bureau of Labor Statistics</b></p>	<p>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.</p>	<p><a href="http://www.bls.gov">http://www.bls.gov</a></p>
<p><b>The Bureau of Economic Analysis</b></p>	<p>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.</p>	<p><a href="http://www.bea.gov">http://www.bea.gov</a></p>
<p><b>The U.S. Census Bureau</b></p>	<p>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.</p>	<p><a href="http://www.census.gov">http://www.census.gov</a></p>
<p><b>The Oklahoma Resources Integration General Information Network System (Origins)</b></p>	<p>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.</p>	<p><a href="http://origins.ou.edu">http://origins.ou.edu</a></p>
<p><b>The Oklahoma Department of Commerce</b></p>	<p>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.</p>	<p><a href="http://www.okcommerce.gov">http://www.okcommerce.gov</a></p>



# Sales Subject to Tax

## Monthly Sales Subject to Tax - Tulsa WIA



## Monthly Sales Subject to Tax:

From January of 1980 to December of 2008 the Tulsa WIA experienced consistent and positive growth in sales subject to tax. Average monthly sales subject to tax has increased from \$271 million in 1980 to \$886 million in 2008. However, the Tulsa WIA experienced a decrease in sales subject to tax between December of 2008 and October of 2010. This is a decrease of \$157 million from \$963 million in December of 2008 to \$806 million in October of 2010.

## 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:

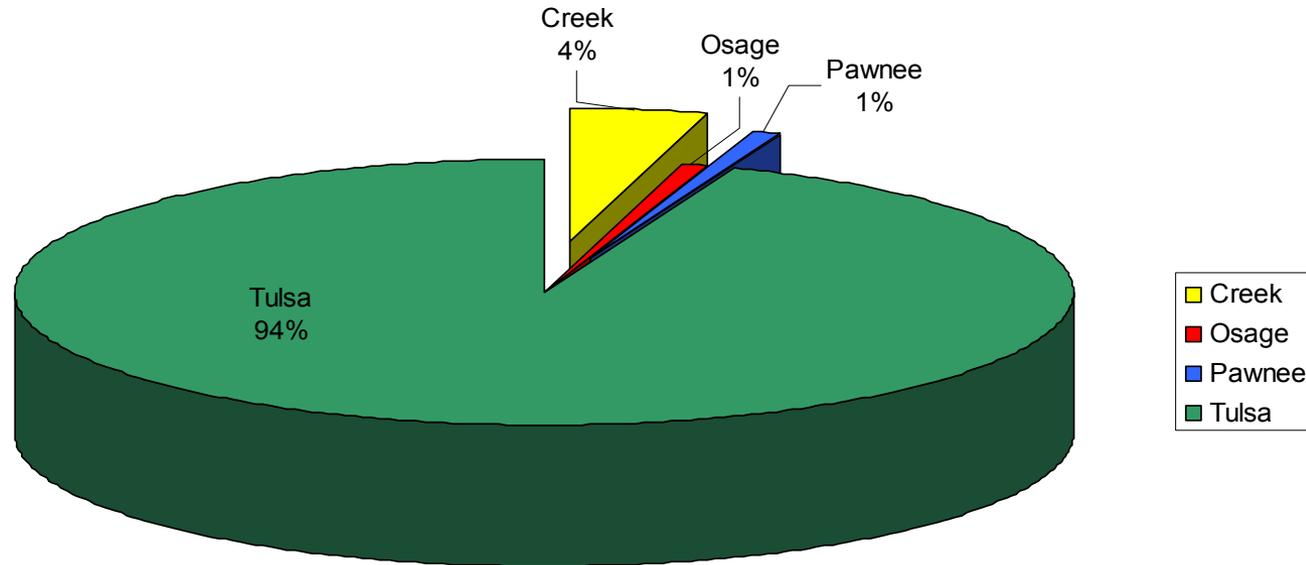
<http://origins.ou.edu>

*Photo Courtesy of:*

*Tyler Palmer*

# Sales Subject to Tax

## Sales Subject to Tax - County Contribution to the Tulsa WIA 2010



### 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:

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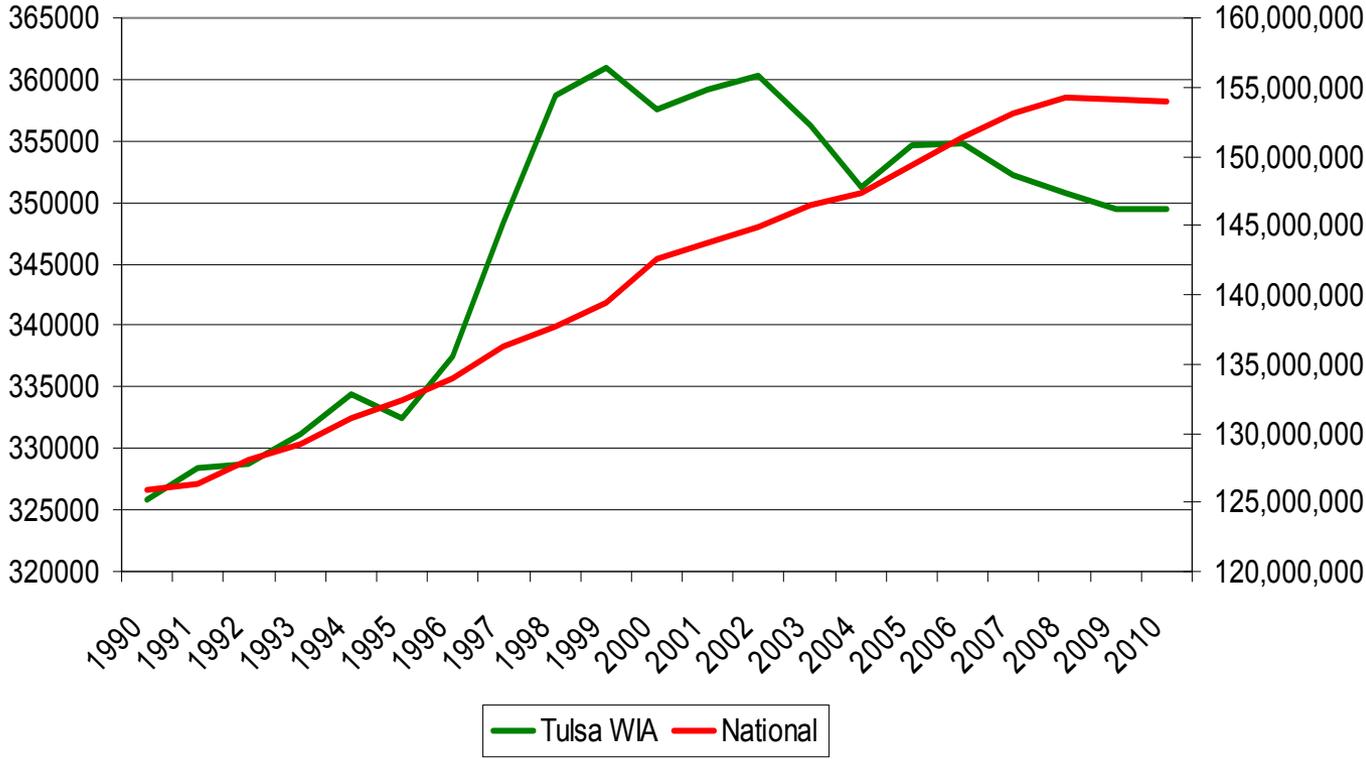
### Monthly Sales Subject to Tax:

Tulsa County, by far the most populated county in the Tulsa WIA, is responsible for ninety-four percent of the total sales subject to tax for the Tulsa WIA in 2010. Creek County provided the second largest contribution at four percent. Osage and Pawnee Counties each provided one percent of the sales subject to tax total.



# Employment and Unemployment

### Average Annual Workforce 1990-2010 - Tulsa 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

Photo Courtesy of:  
Robert Baird

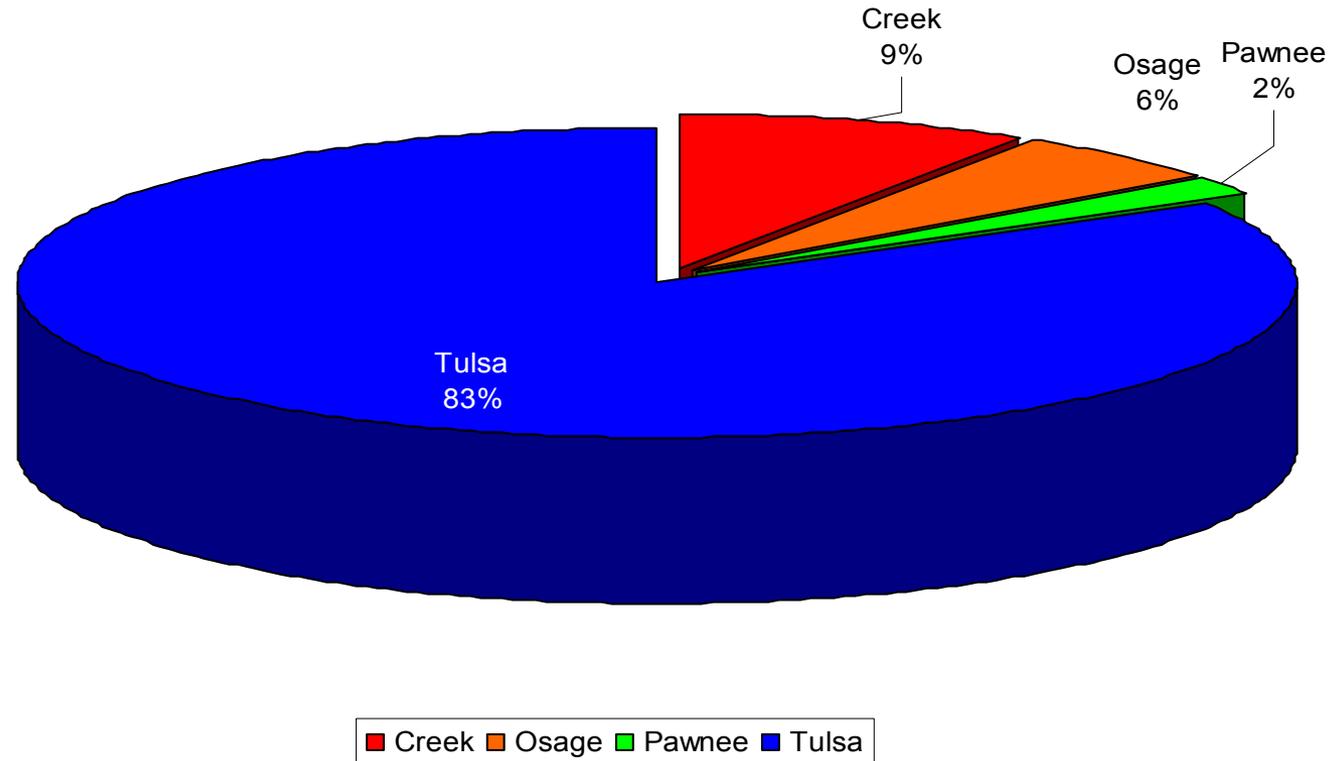
## Workforce:

The Tulsa WIA's available workforce increased rapidly between 1996 and 1999. From 2002 to 2004, the Tulsa WIA experienced a decrease in its workforce. Beginning in 2005 the Tulsa WIA saw a reverse in the direction its workforce was heading, but is currently realizing another decrease in the average annual workforce. Between 1990 and 2010 the Tulsa WIA increased its available workforce by 23,664 workers, an increase of over seven percent.



# Employment and Unemployment

Workforce Distribution - 2010



## 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>

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[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

Tulsa County, in 2010, was responsible for eighty-three percent of the Tulsa WIA's workforce. Nine percent of the workforce was located in Creek County. Six percent of the workforce was located in Osage County, while two percent of the workforce was located in Pawnee County.

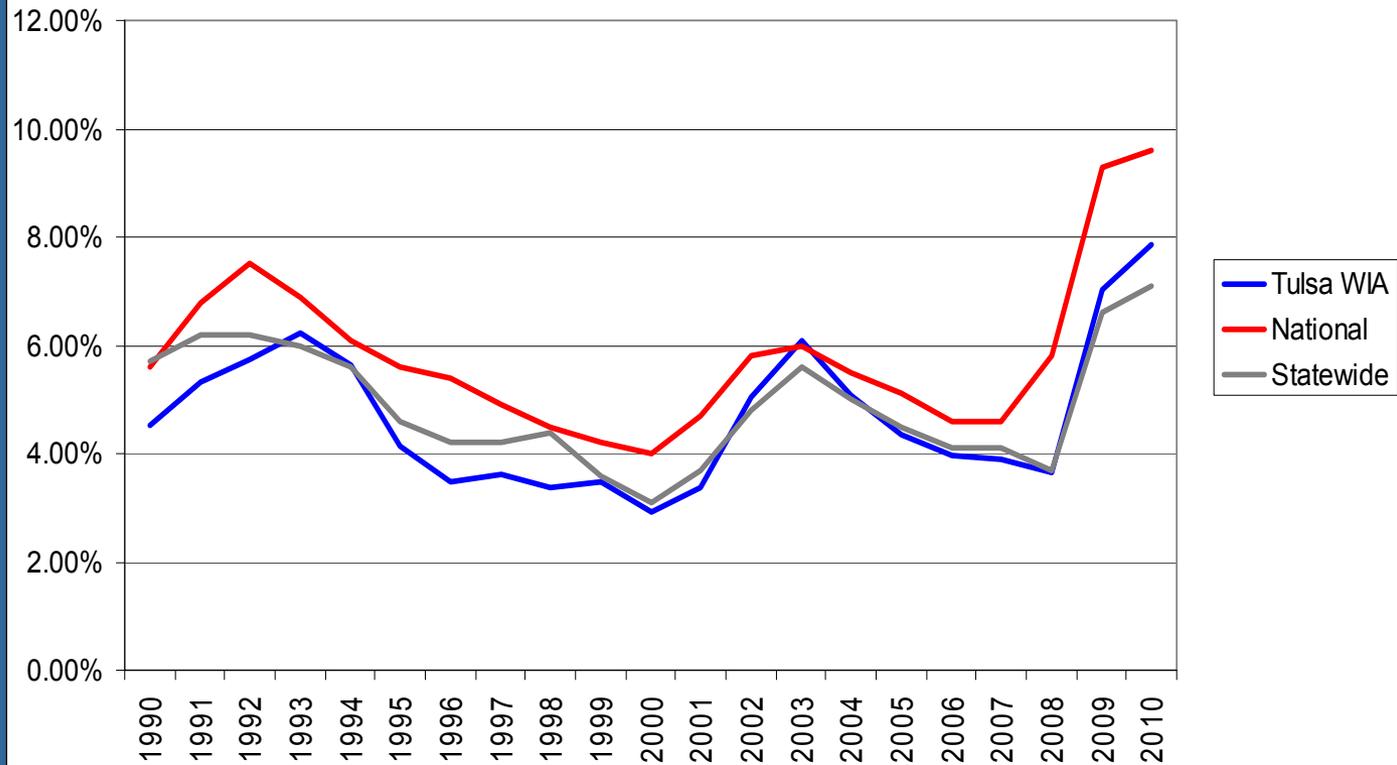
*Photo Courtesy of:*

*Robert Baird*



# Employment and Unemployment

## Average Annual Unemployment Rate 1990-2010 - Tulsa 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.

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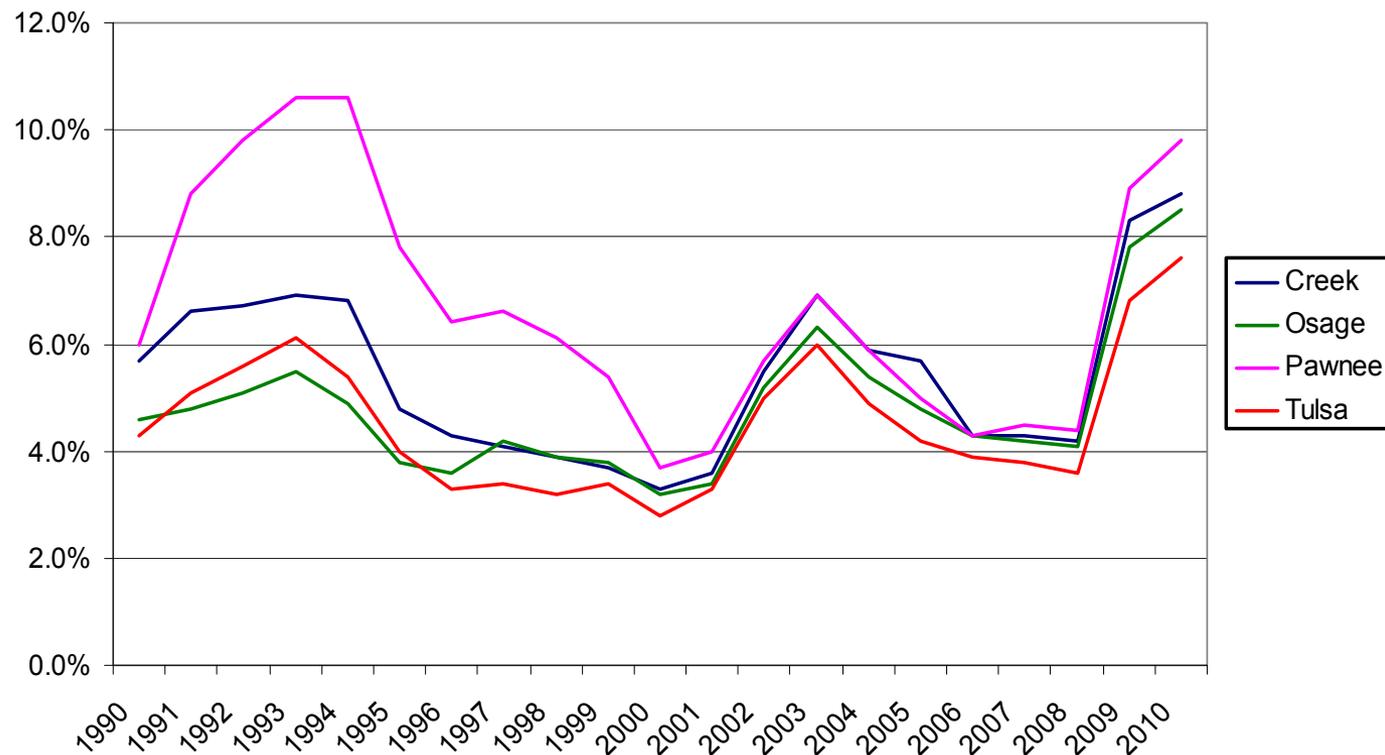
### Workforce:

Between 1990 and 2010 the Tulsa WIA's average annual unemployment rate remained below the national unemployment rate with the exception of 2003 when it was the same. From 1993 to 1994 and 2002 to 2004 as well as in 2010, the Tulsa WIA's unemployment rate exceeded the statewide unemployment rate. For the remainder of the years it stayed below the state average, though it did follow the same general trend. Between 1990 and 2010 the Tulsa WIA's average unemployment rate was 4.7% compared to the national average of 5.8%.

Photo Courtesy of:  
Robert Baird

# Employment and Unemployment

## Average Annual Unemployment Rate 1990-2010 - 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

Of the four counties that the Tulsa WIA is comprised of, Pawnee County had the highest level of unemployment from 1990 to 2003. Between 2003 and 2008 Pawnee and Creek Counties traded positions of having the highest rate. Pawnee County had again the highest level of unemployment from 2008 to 2010. From 1991 to 1996 Osage County had the lowest unemployment rate, while Tulsa County had the second lowest rate. From 1996 to 2010 Tulsa County had the lowest unemployment rate while the remaining three counties have alternated between having the second, third, and fourth highest unemployment rate.

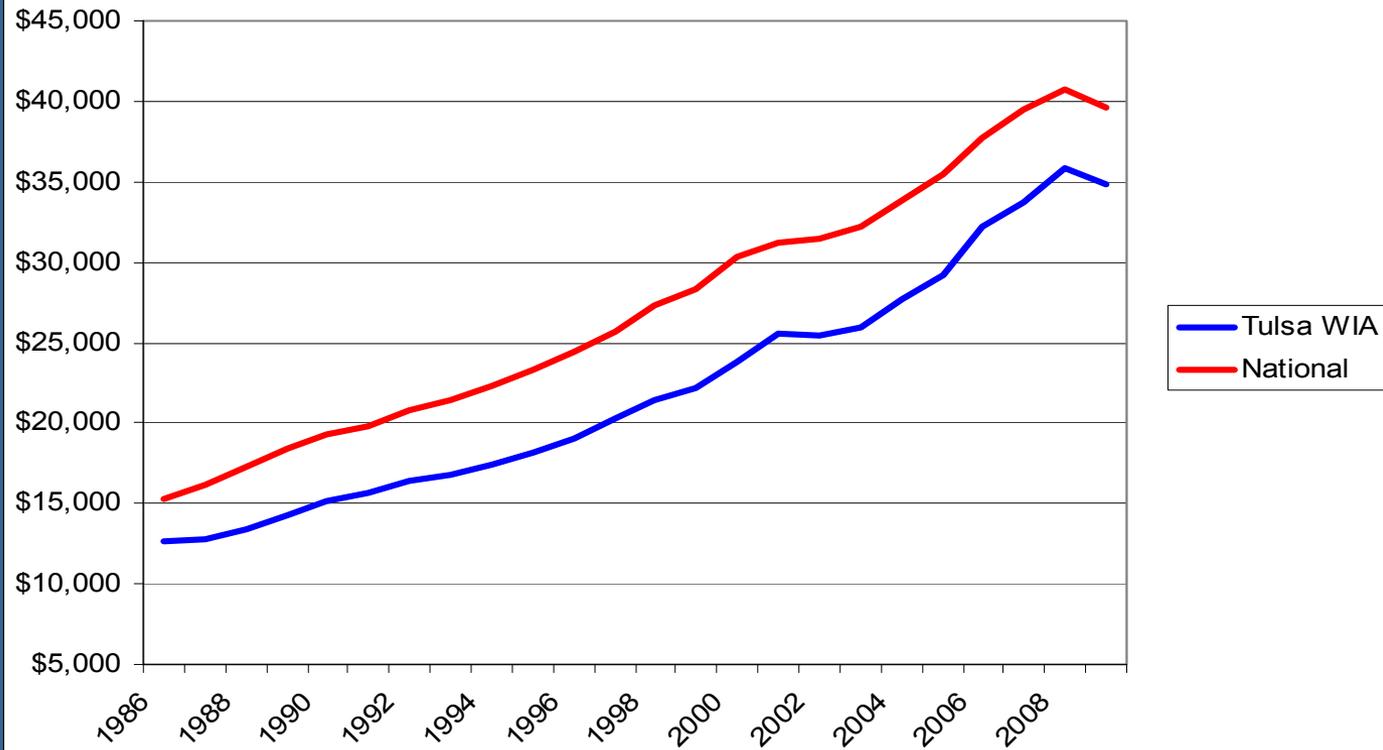
Photo Courtesy of:

Robert Baird



# Per Capita Personal Income

Per Capita Income Tulsa WIA 1986-2009



## 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 Tulsa WIA has realized a consistent and positive increase in per capita personal income between the years 1986 and 2008. The Tulsa WIA's per capita personal income is less than the national average, but has followed nearly the same trend. The Tulsa WIA's per capita personal income has increased \$23,152 over this 23 year period to \$35,827 dollars. The national per capita personal income was 13.53% higher than the WIA at \$40,674 in 2008. Between 2008 and 2009, the Tulsa WIA's per capita personal income decreased by \$987 to \$34,840 dollars.

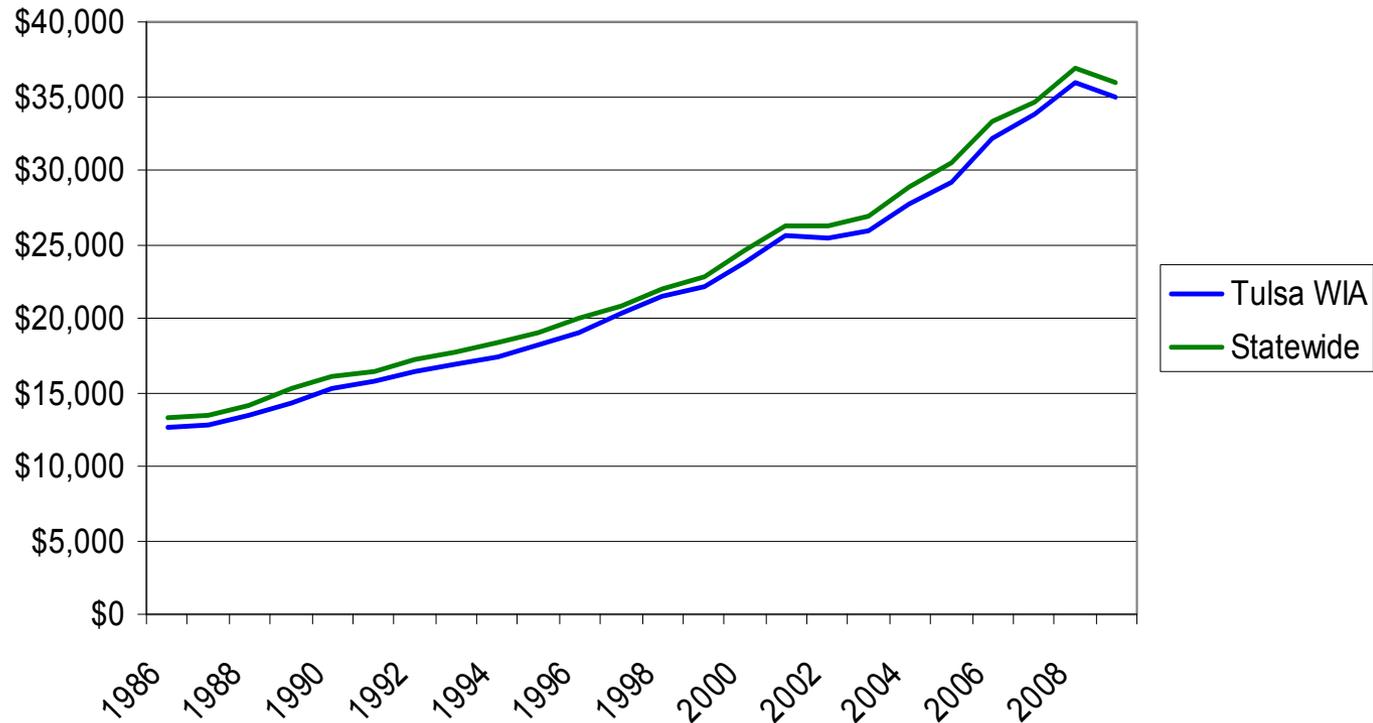
*Photo Courtesy of:*

*Tyler Palmer*



# Per Capita Personal Income

Tulsa WIA's Per Capita 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.

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:

Between 1986 and 2009 the Tulsa WIA's trend in per capita personal income mirrored that of the state. The Tulsa WIA's per capita personal income, though, trailed the state by an average of \$839. Both the Tulsa WIA and the State of Oklahoma began to experience a more rapid increase in per capita personal income between 2000 and 2008 than they had in the previous years. Between 2008 and 2009, both of them experienced decreases in per capita personal income.

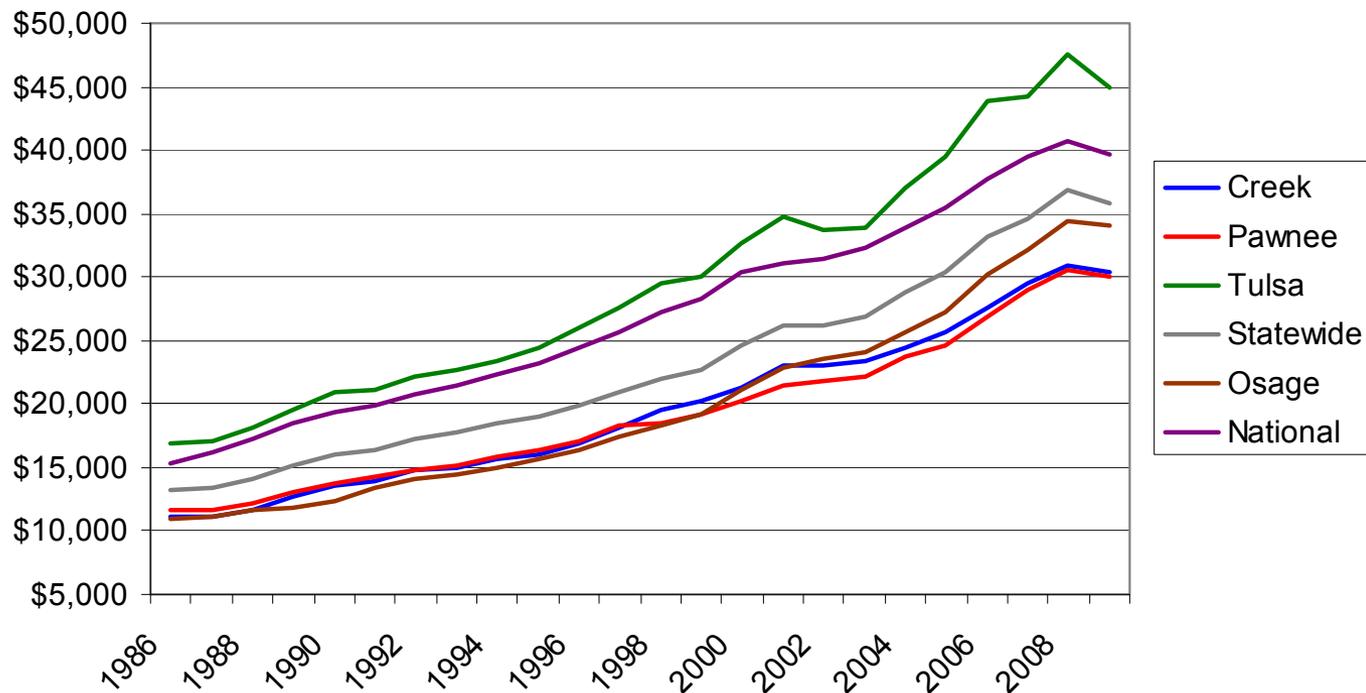
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# Per Capita Personal Income

Per Capita Income 1986-2009



## About the Data:

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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:

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

## Per Capita Personal Income:

When disaggregated to the county level it is easy to see that Tulsa County leads the WIA in per capita personal income. Of the four counties that the Tulsa WIA is comprised of, Tulsa is the only county that has a per capita income above the state and national averages. While Tulsa County had a markedly higher per capita personal income, the three remaining counties had similar per capita personal incomes, and all three were considerably lower than the state and national averages.

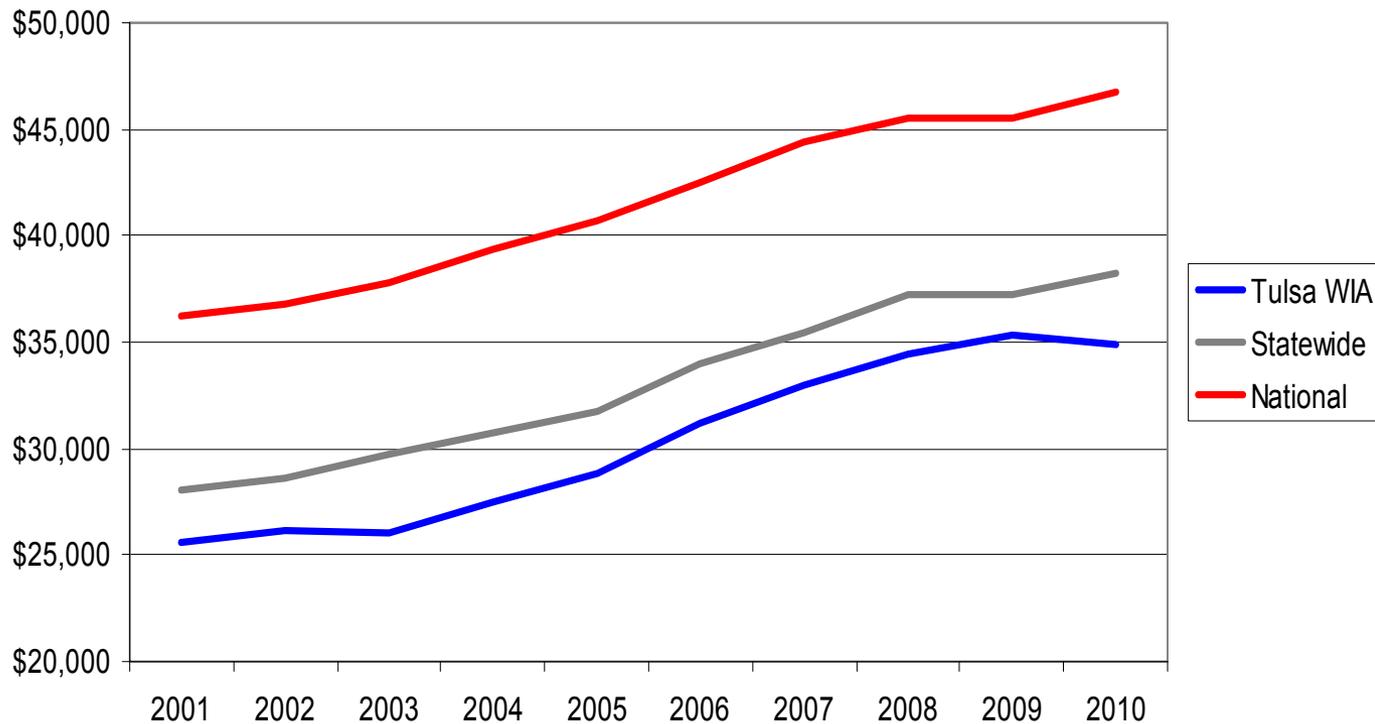
*Photo Courtesy of:*

*Tyler Palmer*



# Quarterly Census of Employment and Wages

## Average Annual Salary Tulsa WIA 2001-2010



## 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/QCEW](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/QCEW)

For other states please visit:

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

## Average Annual Salary:

Between 2001 and 2009, with the exception of a small decrease between 2002 and 2003, the Tulsa WIA experienced consistent and positive growth in its average annual salary. Despite the growth, the Tulsa WIA average annual salary trailed both the state and the national averages. The Tulsa WIA's average annual salary increased from \$25,542 in 2001 to \$35,366 in 2009. This is an increase of 38.46% or \$9,824. However, the Tulsa WIA's average annual salary decreased from \$35,366 in 2009 to \$34,881 in 2010.

Photo Courtesy of:

Tyler Palmer



# Quarterly Census of Employment and Wages

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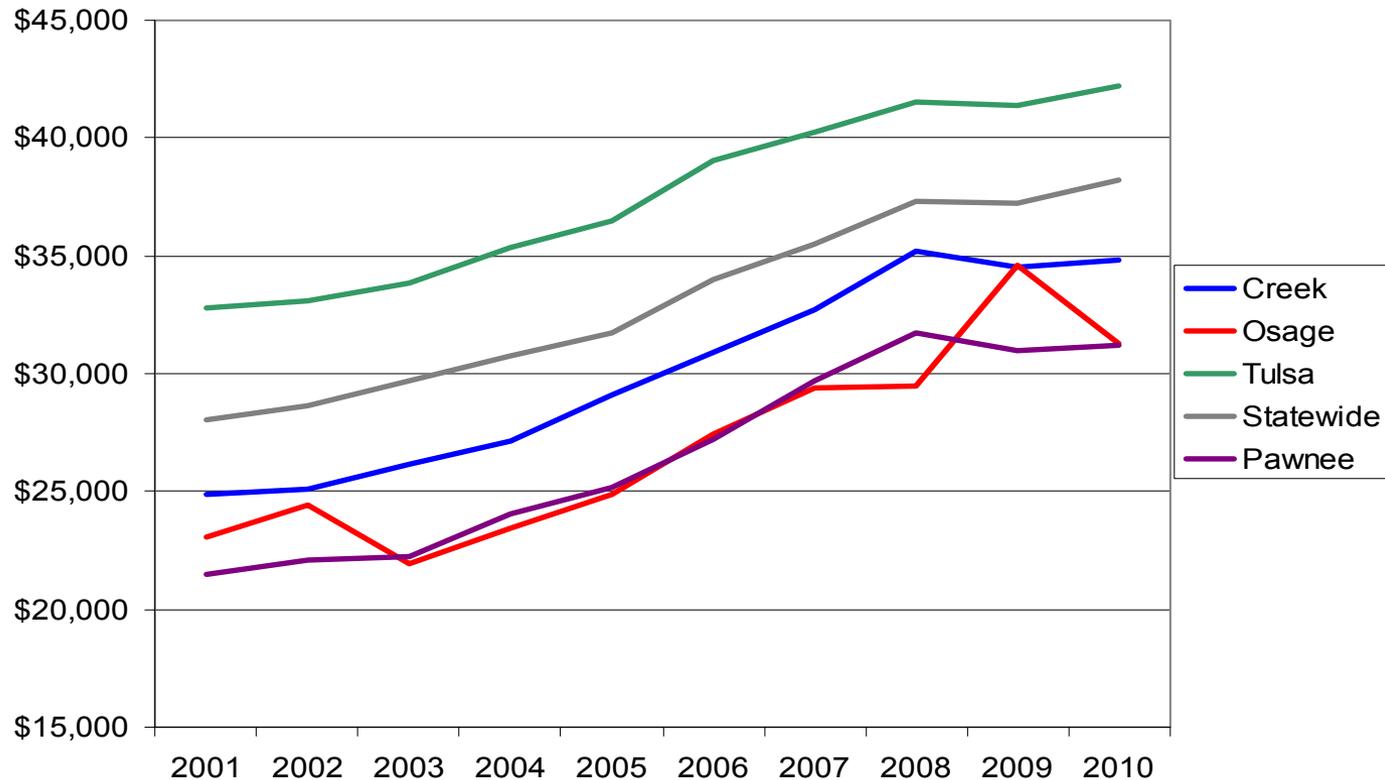
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*Photo Courtesy of:*

*Janice Waltzer Curtis*

### Average Annual Salary 2001-2010



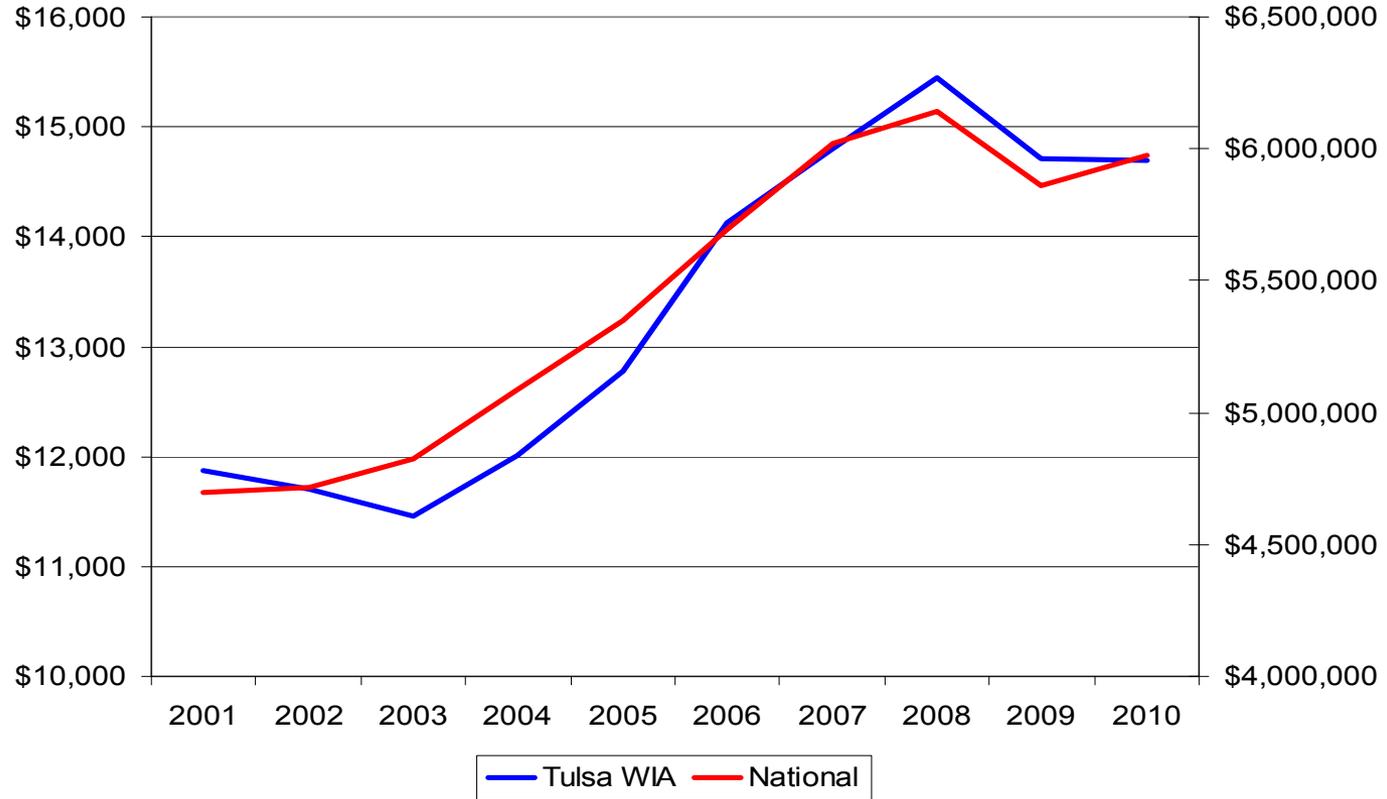
## Average Annual Salary:

When disaggregated to the county level, Tulsa County leads the other three counties in average annual salary. Between 2001 and 2010 Tulsa County's average annual salary was \$4,482 higher than the statewide average. Creek County had the second highest average annual salary of the WIA, though it trailed the statewide average. Pawnee and Osage Counties alternated between having the second lowest and the lowest average annual salary of the WIA during this time period.



# Quarterly Census of Employment and Wages

### Total Annual Wages for Tulsa WIA 2001-2010 (in millions)



## 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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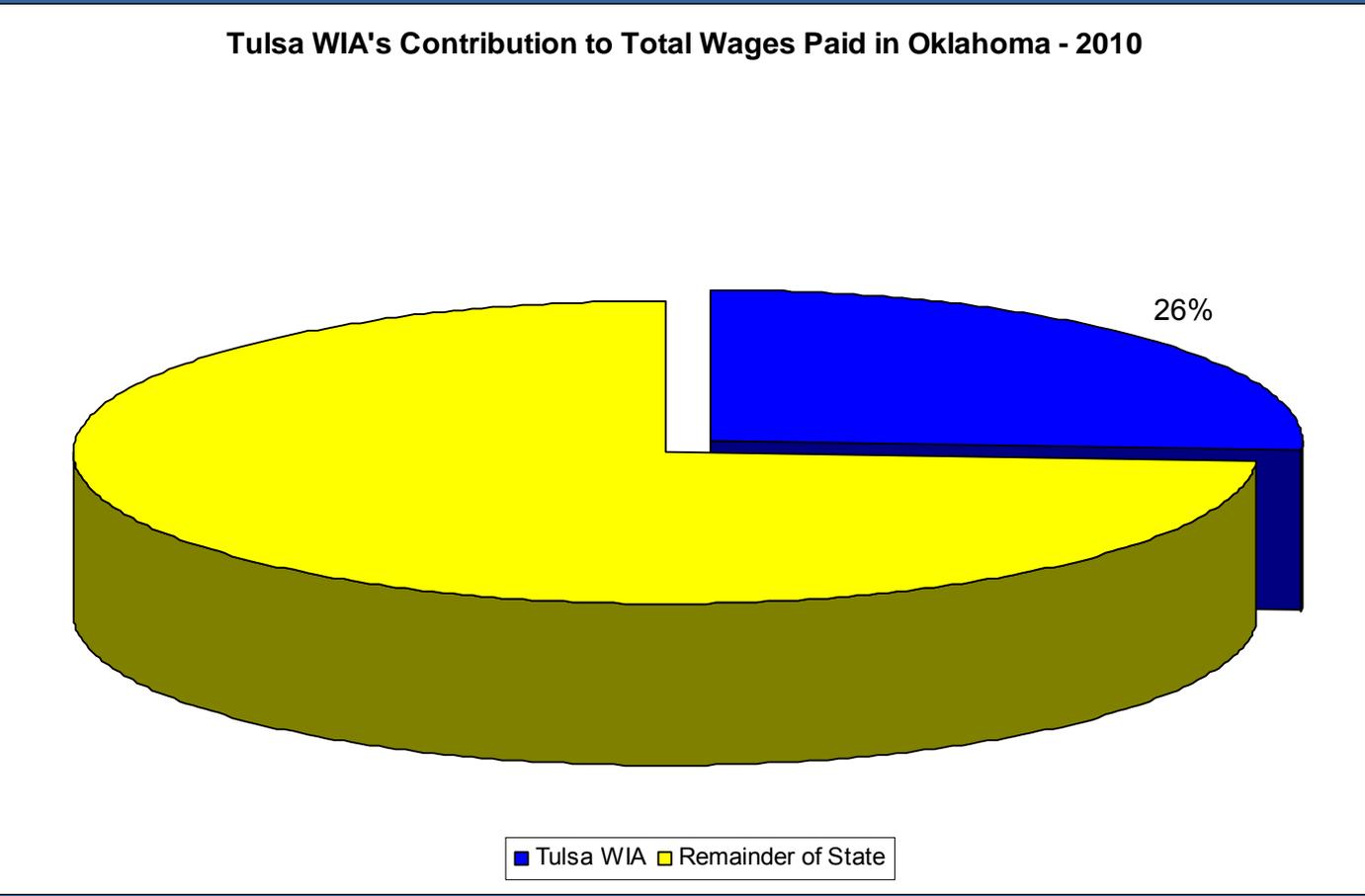
Janice Waltzer Curtis

## Total Wages Paid Annually:

The Tulsa WIA experienced a decrease in total annual wages paid between 2001 and 2003. Since 2004, though, the Tulsa WIA had experienced positive and somewhat rapid growth in total annual wages paid until 2008. In 2001 employers in the Tulsa WIA reported a payroll of \$11.88 billion. By 2008 that figure had increased to \$15.44 billion. This increase equates to a 30.08% increase in total annual wages paid over the past seven years. However, the Tulsa WIA experienced a decrease in total annual wages paid from \$15.44 billion in 2008 to \$14.7 billion in 2010.



# 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:

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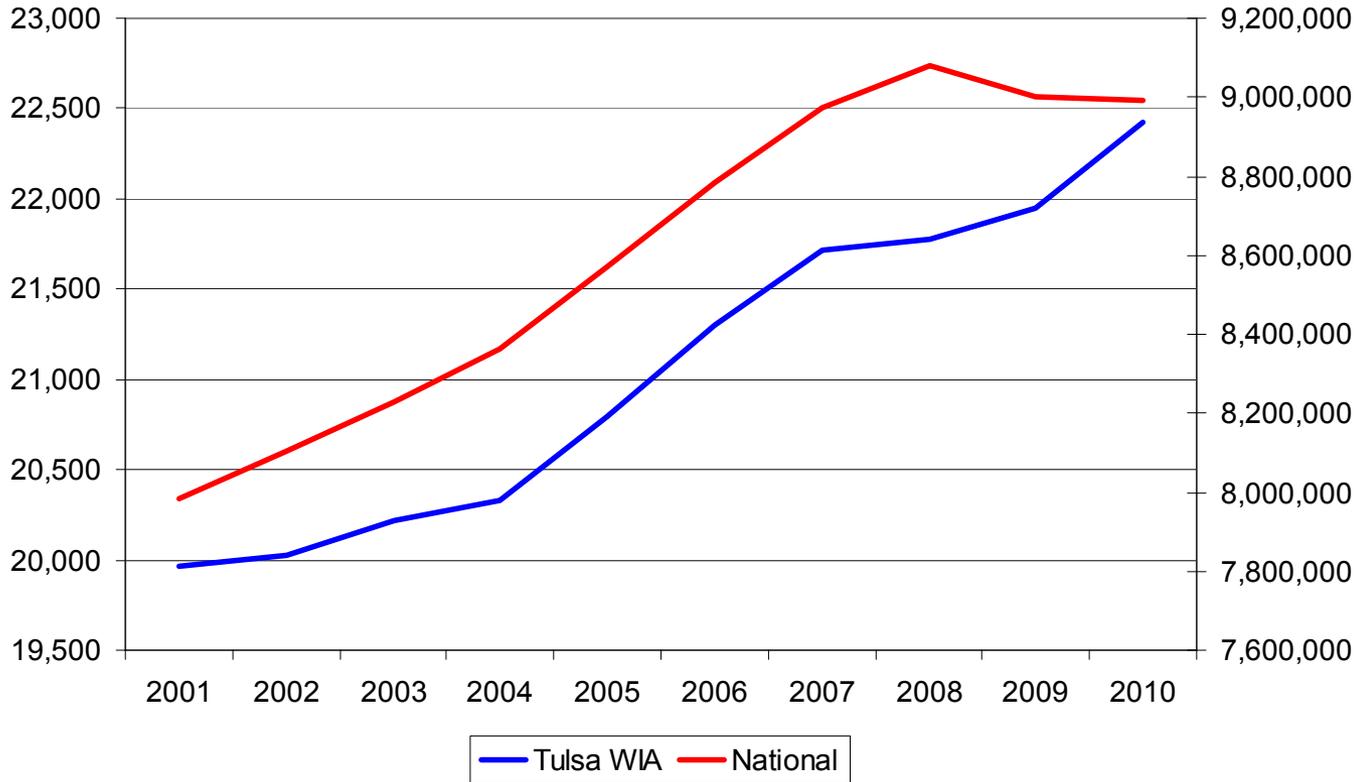
## Total Wages Paid Annually:

The Tulsa WIA's 2010 total annual wages paid were \$14.7 billion. This equated to twenty-six percent of the total annual wages paid in Oklahoma. For 2010, Oklahoma had a total annual wages paid of \$56.797 billion dollars.



# Quarterly Census of Employment and Wages

Number of Business Establishments in the Tulsa WIA 2001-2010



## 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/QCEW](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/QCEW)

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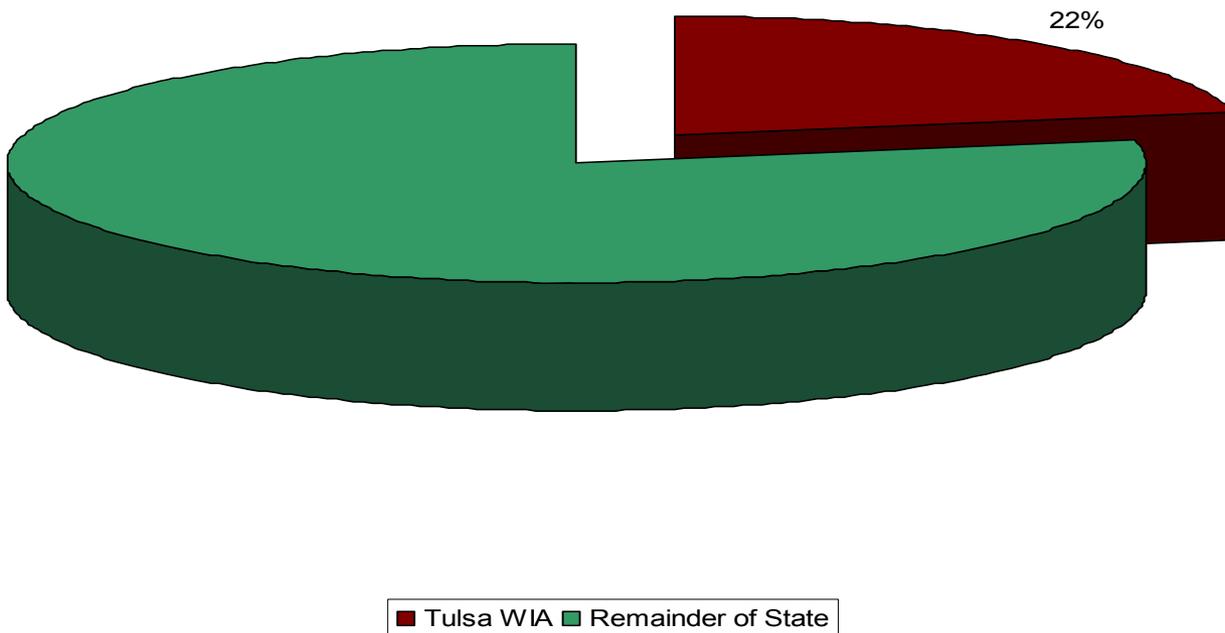
## Number of Business Establishments:

The Tulsa WIA has experienced consistent and positive growth in the number of business establishments located within its boundaries. The pace of the growth of new business establishments was considerably more rapid between 2004 and 2007 than between 2001 and 2003. Between 2001 and 2009 the Tulsa WIA had an increase of 1,982 business establishments. This equates to an 9.93% increase. From 2008 to 2009, the Tulsa WIA experienced again a more rapid growth in the number of business establishments by increasing 474.



# Quarterly Census of Employment and Wages

Percent of Oklahoma's Business Establishments Located in the Tulsa WIA 2010



## 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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For other states please visit:

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

## Number of Business Establishments:

Of the 102,337 business establishments in Oklahoma in 2010, twenty-two percent, or 22,421, were located in the Tulsa WIA.



# Quarterly Census of Employment and Wages

## QCEW Data for the Second Quarter of 2011

Industry	Number of Establishments	Average Quarterly Employment	Total Wages	Average Weekly Wage
Agriculture, Forestry, Fishing, and Hunting	47	433	\$3,099,163	\$550.99
Mining	541	7,049	\$140,985,985	\$1,538.45
Utilities	103	4,323	\$79,560,922	\$1,415.70
Construction	1,971	17,883	\$189,732,172	\$816.14
Manufacturing	1,285	38,633	\$499,513,343	\$994.59
Wholesale Trade	1,495	14,336	\$191,198,005	\$1,025.92
Retail Trade	2,567	40,355	\$254,359,005	\$484.85
Transportation and Warehousing	558	17,002	\$253,669,398	\$1,147.71
Information	422	8,455	\$115,244,394	\$1,048.49
Finance and Insurance	1,446	14,111	\$191,472,996	\$1,043.80
Real Estate and Rental and Leasing	942	6,028	\$62,287,878	\$794.85
Professional, Scientific and Technical Services	2,858	17,760	\$255,823,014	\$1,108.03
Management of Companies and Enterprises	139	6,031	\$103,815,160	\$1,324.12
Administrative and Support and Waste Management	1,525	28,334	\$217,554,070	\$590.63
Educational Services	245	27,407	\$262,274,540	\$736.12
Health Care and Social Assistance	2,635	50,463	\$548,644,533	\$836.32
Arts, Entertainment and Recreation	253	5,123	\$31,611,068	\$474.62
Accommodation and Food Services	1,529	30,368	\$111,302,493	\$281.93
Other Services (except Public Administration)	1,651	9,592	\$72,097,825	\$578.17
Public Administration	247	12,111	\$136,508,572	\$867.06

### About the Data:

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For other states please visit:

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

### Second Quarter 2011 Data:

In the Tulsa WIA, the "Health Care and Social Assistance" industry, with an average quarterly employment of 50,463, employs the most people. The "Professional, Scientific, and Technical Services" industry has more establishments than any other industry. It is, however, the "Mining" industry (which includes oil and gas), at \$1,538.45, which has the highest average weekly wage of all the industries.

# Employment Projections 2008-2018

## TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
00-0000	Total, All Occupations	405,010	433,950	28,940	7.1%	126,710	\$19.07	
43-4051	Customer Service Representatives	10,540	12,170	1,630	15.5%	4,950	\$15.37	Moderate-term on-the-job training
35-3031	Waiters and Waitresses	7,750	8,250	500	6.5%	4,780	\$8.80	Short-term on-the-job training
41-2031	Retail Salespersons	13,110	13,670	560	4.3%	4,220	\$11.33	Short-term on-the-job training
41-2011	Cashiers	8,970	9,010	50	0.5%	4,070	\$8.91	Short-term on-the-job training
29-1111	Registered Nurses	6,410	7,650	1,250	19.5%	2,370	\$25.36	Associate degree
11-1021	General and Operations Managers	7,520	7,280	-240	-3.2%	2,180	\$47.29	Bachelor's or higher degree, plus work experience
35-3021	Combined Food Preparation and Serving Workers, Incl	6,140	7,000	860	13.9%	2,160	\$8.82	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Han	5,900	5,750	-150	-2.5%	1,900	\$11.22	Short-term on-the-job training
51-2092	Team Assemblers	5,870	6,400	530	9.1%	1,850	\$13.36	Moderate-term on-the-job training
13-2011	Accountants and Auditors	5,810	6,570	760	13.1%	1,740	\$27.22	Bachelor's degree
51-4121	Welders, Cutters, Solderers, and Brazers	4,860	5,110	250	5.1%	1,740	\$17.65	Postsecondary vocational training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,660	9,270	610	7.1%	1,650	\$15.36	Moderate-term on-the-job training
43-9061	Office Clerks, General	6,680	7,280	600	9.0%	1,510	\$11.60	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,740	6,200	450	7.9%	1,480	\$19.05	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and C	1,790	1,920	120	6.8%	1,440	\$8.21	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, In	5,120	5,350	220	4.4%	1,410	\$26.68	Work experience in a related occupation
29-2061	Licensed Practical and Licensed Vocational Nurses	2,750	3,260	510	18.6%	1,370	\$16.66	Postsecondary vocational training
25-2021	Elementary School Teachers, Except Special Educatio	3,780	4,280	500	13.3%	1,360	N/A	Bachelor's degree
43-5081	Stock Clerks and Order Fillers	5,000	5,190	190	3.8%	1,340	\$11.41	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Adminis	4,310	4,670	360	8.4%	1,330	\$22.64	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeepin	5,400	5,650	250	4.6%	1,270	\$10.30	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Worke	5,520	5,600	80	1.5%	1,270	\$16.47	Work experience in a related occupation
33-9032	Security Guards	3,170	3,580	410	12.9%	1,060	\$12.72	Short-term on-the-job training
35-2011	Cooks, Fast Food	3,120	3,360	240	7.7%	1,040	\$8.74	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,990	4,390	390	9.8%	1,010	N/A	Moderate-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	3,690	4,290	600	16.2%	970	\$10.81	Postsecondary vocational training
43-4171	Receptionists and Information Clerks	2,440	2,700	260	10.6%	920	\$11.45	Short-term on-the-job training
35-2014	Cooks, Restaurant	2,610	2,810	200	7.5%	870	\$10.48	Long-term on-the-job training
39-9011	Child Care Workers	2,310	2,470	160	6.9%	840	\$9.83	Short-term on-the-job training
43-3071	Tellers	1,870	1,930	60	3.2%	830	\$10.91	Short-term on-the-job training

## Occupation with the Most Openings:

Between 2008 and 2018 the Tulsa WIA is estimated to add over 28,940 jobs. Of those, “customer service representatives”, “waiters and waitresses”, and “retail salesperson” are expected to have the most openings.

## 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 Tulsa 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

Photo Courtesy of:

Tyler Palmer

# Employment Projections 2008-2018

## TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
00-0000	Total, All Occupations	405,010	433,950	28,940	7.1%	126,710	\$19.07	
43-4051	Customer Service Representatives	10,540	12,170	1,630	15.5%	4,950	\$15.37	Moderate-term on-the-job training
29-1111	Registered Nurses	6,410	7,650	1,250	19.5%	2,370	\$25.36	Associate degree
35-3021	Combined Food Preparation and Serving Workers, Incl	6,140	7,000	860	13.9%	2,160	\$8.82	Short-term on-the-job training
13-2011	Accountants and Auditors	5,810	6,570	760	13.1%	1,740	\$27.22	Bachelor's degree
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,660	9,270	610	7.1%	1,650	\$15.36	Moderate-term on-the-job training
43-9061	Office Clerks, General	6,680	7,280	600	9.0%	1,510	\$11.60	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	3,690	4,290	600	16.2%	970	\$10.81	Postsecondary vocational training
41-2031	Retail Salespersons	13,110	13,670	560	4.3%	4,220	\$11.33	Short-term on-the-job training
51-2092	Team Assemblers	5,870	6,400	530	9.1%	1,850	\$13.36	Moderate-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	2,750	3,260	510	18.6%	1,370	\$16.66	Postsecondary vocational training
35-3031	Waiters and Waitresses	7,750	8,250	500	6.5%	4,780	\$8.80	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Educatio	3,780	4,280	500	13.3%	1,360	N/A	Bachelor's degree
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,740	6,200	450	7.9%	1,480	\$19.05	Short-term on-the-job training
31-9092	Medical Assistants	1,470	1,900	430	29.1%	590	\$14.06	Moderate-term on-the-job training
33-9032	Security Guards	3,170	3,580	410	12.9%	1,060	\$12.72	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,990	4,390	390	9.8%	1,010	N/A	Moderate-term on-the-job training
47-2061	Construction Laborers	2,780	3,150	380	13.5%	560	\$12.57	Moderate-term on-the-job training
43-3011	Bill and Account Collectors	2,050	2,410	370	17.9%	750	\$14.10	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Adminis	4,310	4,670	360	8.4%	1,330	\$22.64	Work experience in a related occupation
39-9021	Personal and Home Care Aides	720	1,080	350	48.9%	440	\$9.05	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	2,200	2,540	340	15.4%	610	\$11.16	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,440	2,700	260	10.6%	920	\$11.45	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,530	3,790	260	7.4%	740	\$18.52	Work experience in a related occupation
25-1000	Postsecondary Teachers	2,180	2,450	260	12.1%	640	N/A	
51-4121	Welders, Cutters, Solderers, and Brazers	4,860	5,110	250	5.1%	1,740	\$17.65	Postsecondary vocational training
37-2011	Janitors and Cleaners, Except Maids and Housekeepin	5,400	5,650	250	4.6%	1,270	\$10.30	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,250	2,500	250	11.0%	620	\$14.14	Short-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	1,120	1,370	250	21.9%	430	\$18.03	Postsecondary vocational training
35-2011	Cooks, Fast Food	3,120	3,360	240	7.7%	1,040	\$8.74	Short-term on-the-job training
31-9091	Dental Assistants	750	980	240	31.5%	380	\$14.94	Moderate-term on-the-job training

## Occupations with the Most Growth:

For the Tulsa WIA, "customer service representatives", "registered nurses", and "combined food preparation and serving workers, including fast food" are expected to have the most job growth. Job growth is defined as new positions available due to growth or expansion, as opposed to employee turnover.

## 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 Tulsa 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.htm](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm)

Photo Courtesy of Tyler Palmer

# Industry Projections 2008-2018

## TULSA WORKFORCE INVESTMENT AREA INDUSTRY EMPLOYMENT OUTLOOK, 2008-2018

INDUSTRY	EMPLOYMENT		Employment Change, 2008-2018	
	2008	2018	Numeric	Percent
Total	377,430	405,520	28,100	7.44%
Agriculture, Forestry, Fishing and Hunting	480	580	100	20.00%
Mining	6,690	6,660	-30	-0.37%
Utilities	3,370	3,680	310	9.32%
Construction	20,330	22,140	1,810	8.91%
Manufacturing	44,380	44,980	600	1.36%
Wholesale Trade	16,420	16,700	280	1.68%
Retail Trade	40,740	41,000	270	0.65%
Transportation and Warehousing	16,660	16,540	-120	-0.74%
Information	9,600	8,500	-1,100	-11.49%
Finance and Insurance	15,190	15,490	300	1.99%
Real Estate and Rental and Leasing	7,280	8,050	770	10.55%
Professional, Scientific, and Technical Services	19,260	21,400	2,140	11.11%
Management of Companies and Enterprises	5,880	5,800	-80	-1.43%
Administrative and Support and Waste Management and Remediation Services	35,530	41,840	6,310	17.77%
Educational Services	26,550	29,000	2,450	9.23%
Health Care and Social Assistance	45,340	54,340	9,000	19.86%
Arts, Entertainment, and Recreation	3,640	3,890	240	6.70%
Accommodation and Food Services	30,160	32,360	2,200	7.29%
Other Services (except Public Administration)	10,090	11,380	1,290	12.74%
Federal Government	4,040	3,800	-240	-5.92%
State Government	3,840	4,060	220	5.81%
Local Government	11,960	13,350	1,380	11.55%

### 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.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Industry Projections:

For the Tulsa WIA, the "Health Care and Social Assistance" industry is estimated to experience the largest growth in employment. By adding an estimated 9,000 jobs this industry alone will account for 32% of the total growth in employment between 2008 and 2018. Five of the twenty-two sectors are expected to have a decrease in employment between 2008 and 2018.

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**TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
00-0000	Total, All Occupations	405,010	433,950	28,940	7.1%	126,710	\$19.07	
11-1011	Chief Executives	2,070	1,980	-90	-4.3%	580	\$73.22	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	7,520	7,280	-240	-3.2%	2,180	\$47.29	Bachelor's or higher degree, plus work experience
11-1031	Legislators	60	60	0	3.4%	20	N/A	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	280	260	-20	-8.6%	70	\$28.07	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	590	640	40	6.9%	170	\$47.62	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	860	960	100	11.6%	290	\$44.08	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	150	160	10	7.2%	50	\$29.00	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	900	990	90	9.8%	280	\$31.05	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	530	570	40	7.4%	130	\$49.41	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	1,580	1,640	60	4.0%	350	\$46.51	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	230	250	10	5.1%	60	N/A	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	140	150	10	9.4%	40	N/A	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	240	260	20	7.0%	70	N/A	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	730	740	10	1.2%	270	\$43.35	Work experience in a related occupation
11-3061	Purchasing Managers	240	240	0	1.3%	70	\$37.10	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	260	230	-30	-9.7%	70	\$36.41	Work experience in a related occupation
11-9021	Construction Managers	1,320	1,460	140	10.8%	240	\$31.77	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	190	200	20	9.1%	70	\$19.81	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	590	620	40	6.0%	210	N/A	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	210	210	0	-0.5%	60	\$31.15	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	430	430	0	0.9%	90	\$51.94	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	890	920	30	3.6%	200	\$20.92	Work experience in a related occupation
11-9061	Funeral Directors	60	60	10	12.3%	20	N/A	Associate degree
11-9081	Lodging Managers	220	220	10	2.3%	50	\$18.70	Work experience in a related occupation
11-9111	Medical and Health Services Managers	1,440	1,630	190	13.5%	470	\$33.58	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	20	20	0	18.8%	10	\$80.95	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	50	40	-10	-20.0%	10	\$29.12	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	1,500	1,600	100	6.4%	350	\$32.85	Bachelor's degree
11-9151	Social and Community Service Managers	150	170	20	12.6%	50	\$20.83	Bachelor's degree
11-9199	Managers, All Other	570	590	20	4.1%	170	\$40.10	Work experience in a related occupation
13-1021	Purchasing Agents and Buyers, Farm Products	30	20	0	-7.7%	10	\$14.02	Long-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	430	400	-30	-5.9%	110	\$23.07	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,010	1,140	130	12.7%	400	\$26.99	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	680	700	20	3.1%	190	\$27.56	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	530	680	150	27.5%	200	\$27.93	Long-term on-the-job training
13-1051	Cost Estimators	620	740	120	19.2%	260	\$25.97	Bachelor's degree
13-1061	Emergency Management Specialists	40	50	10	18.4%	20	N/A	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	650	820	180	27.2%	350	N/A	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	630	770	150	23.7%	310	N/A	Bachelor's degree
13-1073	Training and Development Specialists	1,070	1,300	230	21.5%	510	N/A	Bachelor's degree
13-1111	Management Analysts	1,650	1,760	110	6.5%	390	\$33.81	Bachelor's or higher degree, plus work experience
13-1121	Meeting and Convention Planners	60	70	10	9.5%	20	N/A	Bachelor's degree
13-1199	Business Operations Specialists, All Other	1,110	1,180	70	6.7%	320	\$29.71	Bachelor's degree
13-2011	Accountants and Auditors	5,810	6,570	760	13.1%	1,740	\$27.22	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	160	170	10	4.3%	40	\$19.41	Associate degree
13-2031	Budget Analysts	80	90	10	11.0%	20	\$28.49	Bachelor's degree
13-2041	Credit Analysts	110	120	10	9.1%	30	N/A	Bachelor's degree
13-2051	Financial Analysts	530	610	80	15.3%	180	\$32.50	Bachelor's degree
13-2052	Personal Financial Advisors	270	340	70	25.7%	100	\$36.59	Bachelor's degree
13-2053	Insurance Underwriters	380	350	-20	-6.1%	110	\$30.44	Bachelor's degree
13-2061	Financial Examiners	140	200	50	36.1%	80	\$35.50	Bachelor's degree
13-2071	Loan Counselors	240	220	-10	-5.5%	30	\$15.75	Bachelor's degree
13-2072	Loan Officers	1,090	1,180	90	7.8%	200	\$22.44	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	110	130	10	10.5%	50	\$32.88	Bachelor's degree
13-2082	Tax Preparers	260	230	-30	-10.0%	40	\$18.39	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	30	30	0	3.6%	10	\$26.30	Bachelor's degree

**TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
15-1011	Computer and Information Scientists, Research	20	20	0	11.8%	10	N/A	Doctoral degree
15-1021	Computer Programmers	1,190	1,040	-150	-12.7%	220	N/A	Bachelor's degree
15-1031	Computer Software Engineers, Applications	950	1,140	190	20.4%	270	N/A	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	760	850	100	12.8%	160	N/A	Bachelor's degree
15-1041	Computer Support Specialists	1,870	1,930	60	3.0%	580	N/A	Associate degree
15-1051	Computer Systems Analysts	1,350	1,510	160	12.0%	450	N/A	Bachelor's degree
15-1061	Database Administrators	270	300	30	12.6%	80	N/A	Bachelor's degree
15-1071	Network and Computer Systems Administrators	570	630	50	9.3%	150	N/A	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	460	650	190	42.1%	280	N/A	Bachelor's degree
15-1099	Computer Specialists, All Other	280	290	0	1.1%	60	N/A	Associate degree
15-2011	Actuaries	20	20	0	6.3%	10	\$47.77	Bachelor's or higher degree, plus work experience
15-2031	Operations Research Analysts	130	150	20	12.1%	50	\$32.33	Master's degree
17-1011	Architects, Except Landscape and Naval	320	320	10	1.6%	60	\$32.74	Bachelor's degree
17-1022	Surveyors	150	150	0	-0.7%	40	\$24.31	Bachelor's degree
17-2011	Aerospace Engineers	190	220	20	11.9%	60	N/A	Bachelor's degree
17-2041	Chemical Engineers	40	40	0	-5.4%	10	\$36.64	Bachelor's degree
17-2051	Civil Engineers	510	570	60	11.1%	140	\$39.92	Bachelor's degree
17-2061	Computer Hardware Engineers	80	80	0	5.3%	30	N/A	Bachelor's degree
17-2071	Electrical Engineers	690	690	10	0.9%	160	\$34.93	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	310	280	-30	-8.4%	70	\$39.33	Bachelor's degree
17-2081	Environmental Engineers	140	170	30	18.3%	60	\$43.04	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspect	130	130	0	2.4%	40	\$34.86	Bachelor's degree
17-2112	Industrial Engineers	600	720	120	19.5%	270	\$34.70	Bachelor's degree
17-2131	Materials Engineers	40	40	0	10.3%	10	N/A	Bachelor's degree
17-2141	Mechanical Engineers	690	720	40	5.1%	210	\$36.72	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	60	70	10	20.3%	20	\$48.13	Bachelor's degree
17-2171	Petroleum Engineers	670	860	190	27.9%	330	\$66.77	Bachelor's degree
17-2199	Engineers, All Other	420	420	0	0.2%	90	\$34.32	Bachelor's degree
17-3011	Architectural and Civil Drafters	340	320	-20	-4.5%	70	\$23.22	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	90	90	0	-2.2%	20	\$26.44	Postsecondary vocational training
17-3013	Mechanical Drafters	500	490	-10	-1.4%	110	\$24.50	Postsecondary vocational training
17-3022	Civil Engineering Technicians	210	220	20	7.2%	50	\$22.05	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	350	340	-10	-3.4%	70	\$23.93	Associate degree
17-3024	Electro-Mechanical Technicians	70	70	0	-2.8%	10	\$21.48	Associate degree
17-3025	Environmental Engineering Technicians	50	50	10	15.2%	20	\$20.54	Associate degree
17-3026	Industrial Engineering Technicians	130	150	10	8.2%	40	\$22.09	Associate degree
17-3027	Mechanical Engineering Technicians	140	130	0	-3.0%	30	\$21.27	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	230	230	0	-1.3%	40	\$27.70	Associate degree
17-3031	Surveying and Mapping Technicians	160	160	10	3.8%	30	\$20.96	Moderate-term on-the-job training
19-1029	Biological Scientists, All Other	50	60	10	13.0%	20	\$35.21	Doctoral degree
19-1031	Conservation Scientists	20	20	0	4.8%	0	\$34.92	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	20	30	10	33.3%	10	\$45.65	Doctoral degree
19-2021	Atmospheric and Space Scientists	30	30	0	0.0%	10	\$32.20	Bachelor's degree
19-2031	Chemists	60	60	0	-3.3%	20	\$27.22	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	50	60	10	9.3%	20	\$44.22	Master's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	260	280	20	8.6%	100	\$50.29	Master's degree
19-3011	Economists	20	20	0	6.3%	10	\$35.40	Master's degree
19-3021	Market Research Analysts	630	760	120	19.4%	290	N/A	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	340	370	30	8.8%	130	\$30.16	Doctoral degree
19-3051	Urban and Regional Planners	20	20	0	21.1%	10	\$29.12	Master's degree
19-4021	Biological Technicians	20	20	0	9.1%	10	\$19.24	Bachelor's degree
19-4041	Geological and Petroleum Technicians	200	220	20	9.5%	90	\$23.44	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	30	30	0	7.4%	10	\$28.63	Associate degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	280	340	50	18.7%	110	\$23.05	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	610	690	70	11.9%	200	\$23.76	Master's degree
21-1014	Mental Health Counselors	440	540	100	22.5%	190	\$19.58	Master's degree
21-1015	Rehabilitation Counselors	470	550	80	17.0%	180	\$13.29	Master's degree

**TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
21-1019	Counselors, All Other	20	30	0	13.6%	10	\$18.46	Master's degree
21-1021	Child, Family, and School Social Workers	660	720	60	9.5%	230	\$16.21	Bachelor's degree
21-1022	Medical and Public Health Social Workers	200	240	40	20.2%	90	\$18.28	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	180	220	30	18.6%	80	\$16.75	Master's degree
21-1029	Social Workers, All Other	100	110	10	8.0%	30	\$23.38	Bachelor's degree
21-1091	Health Educators	180	210	30	19.2%	70	\$19.21	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Specialists	110	140	30	25.0%	50	\$16.27	Bachelor's degree
21-1093	Social and Human Service Assistants	480	580	100	21.2%	200	\$12.03	Moderate-term on-the-job training
23-1011	Lawyers	1,970	1,920	-50	-2.5%	370	\$63.93	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	4.0%	10	\$56.44	Bachelor's or higher degree, plus work experience
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	8.5%	10	\$34.99	Bachelor's or higher degree, plus work experience
23-1023	Judges, Magistrate Judges, and Magistrates	50	40	0	-4.3%	10	\$27.76	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	710	800	90	12.1%	170	\$20.78	Associate degree
23-2091	Court Reporters	100	120	20	22.8%	40	\$19.66	Postsecondary vocational training
23-2093	Title Examiners, Abstractors, and Searchers	240	220	-20	-7.1%	40	\$20.34	Moderate-term on-the-job training
25-1000	Postsecondary Teachers	2,180	2,450	260	12.1%	640	N/A	
25-2011	Preschool Teachers, Except Special Education	950	1,120	170	17.6%	360	\$12.94	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	530	600	70	12.9%	170	N/A	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	3,780	4,280	500	13.3%	1,360	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	1,740	1,970	230	13.1%	620	N/A	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	6.7%	0	N/A	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,080	2,220	140	6.7%	750	N/A	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	130	140	10	7.6%	50	N/A	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sch	460	540	90	18.6%	200	N/A	Bachelor's degree
25-2042	Special Education Teachers, Middle School	220	250	40	16.1%	90	N/A	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	310	340	30	11.0%	110	N/A	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	20	11.7%	40	\$21.11	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	630	730	100	15.9%	200	\$24.25	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	1,610	1,810	200	12.5%	450	N/A	Bachelor's degree
25-4021	Librarians	350	370	20	5.5%	110	\$24.74	Master's degree
25-4031	Library Technicians	300	320	20	6.7%	150	\$13.78	Postsecondary vocational training
25-9031	Instructional Coordinators	280	350	70	23.1%	130	\$26.32	Master's degree
25-9041	Teacher Assistants	2,330	2,520	180	7.8%	680	N/A	Short-term on-the-job training
27-1011	Art Directors	130	130	0	-0.8%	30	\$27.37	Bachelor's or higher degree, plus work experience
27-1014	Multi-Media Artists and Animators	50	60	0	7.5%	20	\$24.39	Bachelor's degree
27-1021	Commercial and Industrial Designers	310	330	20	5.5%	110	\$25.40	Bachelor's degree
27-1023	Floral Designers	230	230	0	-0.9%	70	\$10.67	Short-term on-the-job training
27-1024	Graphic Designers	750	810	60	8.2%	290	\$19.51	Bachelor's degree
27-1025	Interior Designers	160	170	10	8.2%	60	\$25.67	Associate degree
27-1026	Merchandise Displayers and Window Trimmers	100	90	0	-3.1%	30	\$14.11	Moderate-term on-the-job training
27-2012	Producers and Directors	250	240	-10	-4.5%	80	\$22.65	Bachelor's or higher degree, plus work experience
27-2022	Coaches and Scouts	350	410	70	19.7%	130	N/A	Long-term on-the-job training
27-2041	Music Directors and Composers	30	30	0	10.7%	10	\$19.41	Bachelor's or higher degree, plus work experience
27-3011	Radio and Television Announcers	160	130	-30	-17.5%	50	\$15.03	Long-term on-the-job training
27-3022	Reporters and Correspondents	60	50	-10	-18.6%	20	\$26.34	Bachelor's degree
27-3031	Public Relations Specialists	410	490	80	19.2%	180	\$22.62	Bachelor's degree
27-3041	Editors	230	190	-40	-16.3%	60	\$21.35	Bachelor's degree
27-3043	Writers and Authors	560	590	30	6.1%	150	\$20.69	Bachelor's degree
27-3091	Interpreters and Translators	50	50	10	17.4%	20	\$19.86	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	170	170	10	3.6%	60	\$15.18	Postsecondary vocational training
27-4012	Broadcast Technicians	110	90	-10	-12.3%	30	\$15.58	Associate degree
27-4014	Sound Engineering Technicians	30	20	0	-8.0%	10	\$16.19	Postsecondary vocational training
27-4021	Photographers	270	280	10	4.5%	70	\$13.90	Long-term on-the-job training
29-1011	Chiropractors	180	210	30	16.1%	60	N/A	First professional degree
29-1021	Dentists, General	270	300	30	11.9%	110	\$79.42	First professional degree
29-1031	Dietitians and Nutritionists	130	140	10	7.7%	50	\$21.35	Bachelor's degree
29-1041	Optometrists	110	130	20	17.1%	60	\$52.19	First professional degree

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Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
29-1051	Pharmacists	610	700	80	13.2%	220	\$50.02	First professional degree
29-1061	Anesthesiologists	60	70	10	20.3%	20	N/A	First professional degree
29-1062	Family and General Practitioners	720	860	140	19.6%	270	\$92.73	First professional degree
29-1063	Internists, General	190	220	40	19.3%	70	\$103.94	First professional degree
29-1066	Psychiatrists	50	50	10	15.6%	20	\$83.44	First professional degree
29-1069	Physicians and Surgeons, All Other	240	280	40	16.0%	80	\$94.64	First professional degree
29-1111	Registered Nurses	6,410	7,650	1,250	19.5%	2,370	\$25.36	Associate degree
29-1122	Occupational Therapists	220	270	50	23.1%	90	\$33.44	Master's degree
29-1123	Physical Therapists	480	610	130	27.4%	190	\$34.17	Master's degree
29-1125	Recreational Therapists	40	40	0	10.3%	20	\$22.36	Bachelor's degree
29-1126	Respiratory Therapists	320	380	60	17.5%	110	\$23.88	Associate degree
29-1127	Speech-Language Pathologists	300	350	50	16.4%	110	\$30.31	Master's degree
29-1131	Veterinarians	130	150	20	16.2%	40	N/A	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	470	510	40	9.1%	130	\$20.50	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	580	660	80	13.3%	190	\$15.37	Associate degree
29-2021	Dental Hygienists	370	490	120	32.9%	190	\$30.89	Associate degree
29-2031	Cardiovascular Technologists and Technicians	120	150	20	19.7%	40	\$22.99	Associate degree
29-2032	Diagnostic Medical Sonographers	150	170	20	15.1%	40	\$25.33	Associate degree
29-2033	Nuclear Medicine Technologists	50	50	10	12.5%	10	\$32.84	Associate degree
29-2034	Radiologic Technologists and Technicians	520	590	70	13.8%	150	N/A	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	350	380	30	8.0%	100	\$16.88	Postsecondary vocational training
29-2051	Dietetic Technicians	80	90	10	13.6%	30	\$12.90	Postsecondary vocational training
29-2052	Pharmacy Technicians	880	1,100	230	25.8%	450	\$11.50	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	90	90	0	0.0%	20	\$12.38	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	50	50	0	-3.9%	10	\$20.22	Postsecondary vocational training
29-2055	Surgical Technologists	380	470	90	22.5%	180	\$17.60	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	140	170	20	16.0%	60	\$12.68	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	2,750	3,260	510	18.6%	1,370	\$16.66	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	560	650	90	16.6%	210	\$14.35	Associate degree
29-2081	Opticians, Dispensing	170	190	20	11.3%	50	\$14.31	Long-term on-the-job training
29-9011	Occupational Health and Safety Specialists	220	240	30	12.6%	100	\$26.58	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	70	90	20	25.4%	40	\$21.02	Associate degree
31-1012	Nursing Aides, Orderlies, and Attendants	3,690	4,290	600	16.2%	970	\$10.81	Postsecondary vocational training
31-2011	Occupational Therapist Assistants	80	100	20	25.3%	30	\$16.75	Associate degree
31-2012	Occupational Therapist Aides	50	60	10	29.2%	20	\$14.17	Short-term on-the-job training
31-2021	Physical Therapist Assistants	320	410	90	28.9%	140	\$20.12	Associate degree
31-2022	Physical Therapist Aides	130	170	40	33.6%	60	\$11.63	Short-term on-the-job training
31-9091	Dental Assistants	750	980	240	31.5%	380	\$14.94	Moderate-term on-the-job training
31-9092	Medical Assistants	1,470	1,900	430	29.1%	590	\$14.06	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	160	170	20	9.7%	30	\$15.05	Short-term on-the-job training
31-9095	Pharmacy Aides	140	130	-10	-9.9%	20	\$9.42	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	280	290	10	4.7%	40	\$11.91	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	370	430	50	14.2%	100	N/A	Short-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Officers	80	80	10	9.2%	30	N/A	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	60	70	10	9.7%	30	\$19.53	Work experience in a related occupation
33-2011	Fire Fighters	540	660	120	22.4%	290	\$14.17	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	640	710	70	10.7%	210	\$12.20	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	1,040	1,160	110	10.8%	380	\$18.32	Long-term on-the-job training
33-9011	Animal Control Workers	60	70	10	12.5%	30	\$12.79	Moderate-term on-the-job training
33-9032	Security Guards	3,170	3,580	410	12.9%	1,060	\$12.72	Short-term on-the-job training
35-1011	Chefs and Head Cooks	260	260	0	-1.2%	30	\$16.76	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,060	2,190	120	6.0%	320	\$14.82	Work experience in a related occupation
35-2011	Cooks, Fast Food	3,120	3,360	240	7.7%	1,040	\$8.74	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	1,480	1,540	60	3.7%	430	\$10.45	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	2,610	2,810	200	7.5%	870	\$10.48	Long-term on-the-job training
35-2015	Cooks, Short Order	460	460	-10	-1.5%	120	\$9.72	Short-term on-the-job training
35-2021	Food Preparation Workers	1,280	1,310	30	2.6%	490	\$8.83	Short-term on-the-job training

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		2008	2018	Numeric	Percent			
35-3011	Bartenders	980	1,040	60	5.9%	410	\$10.33	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,140	7,000	860	13.9%	2,160	\$8.82	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,790	1,920	120	6.8%	1,440	\$8.21	Short-term on-the-job training
35-3031	Waiters and Waitresses	7,750	8,250	500	6.5%	4,780	\$8.80	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	300	330	20	7.9%	80	\$9.59	Short-term on-the-job training
35-9021	Dishwashers	1,080	1,210	130	11.6%	570	\$8.61	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	970	1,030	60	6.4%	740	\$8.59	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	570	580	10	2.5%	70	\$13.61	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	540	610	60	11.8%	120	\$21.97	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,400	5,650	250	4.6%	1,270	\$10.30	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	2,080	2,020	-60	-3.0%	370	\$9.17	Short-term on-the-job training
37-2021	Pest Control Workers	300	340	40	14.9%	150	\$13.00	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	2,200	2,540	340	15.4%	610	\$11.16	Short-term on-the-job training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	400	450	50	11.6%	160	\$14.44	Work experience in a related occupation
39-3031	Ushers, Lobby Attendants, and Ticket Takers	360	390	30	8.1%	260	\$8.29	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	490	540	50	9.8%	300	\$9.56	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,530	1,760	230	15.3%	460	\$11.43	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	70	80	10	8.7%	20	\$8.97	Short-term on-the-job training
39-9011	Child Care Workers	2,310	2,470	160	6.9%	840	\$9.83	Short-term on-the-job training
39-9021	Personal and Home Care Aides	720	1,080	350	48.9%	440	\$9.05	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	790	960	170	21.5%	310	\$17.22	Postsecondary vocational training
39-9032	Recreation Workers	600	680	90	14.6%	200	\$10.82	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,520	5,600	80	1.5%	1,270	\$16.47	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,220	1,210	-20	-1.4%	250	\$27.10	Work experience in a related occupation
41-2011	Cashiers	8,970	9,010	50	0.5%	4,070	\$8.91	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1,170	1,210	40	3.7%	360	\$13.58	Short-term on-the-job training
41-2031	Retail Salespersons	13,110	13,670	560	4.3%	4,220	\$11.33	Short-term on-the-job training
41-3021	Insurance Sales Agents	1,380	1,510	130	9.6%	450	\$29.23	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	750	800	50	6.4%	280	\$37.59	Bachelor's degree
41-3099	Sales Representatives, Services, All Other	670	710	40	5.7%	200	\$22.46	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scier	2,080	2,160	80	3.8%	560	\$34.70	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical ar	5,120	5,350	220	4.4%	1,410	\$26.68	Work experience in a related occupation
41-9021	Real Estate Brokers	380	400	20	5.6%	80	\$28.15	Work experience in a related occupation
41-9022	Real Estate Sales Agents	1,740	1,940	200	11.7%	490	\$24.85	Postsecondary vocational training
41-9031	Sales Engineers	160	160	0	-1.2%	60	\$68.08	Bachelor's degree
41-9041	Telemarketers	2,470	2,160	-310	-12.6%	620	\$11.34	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	130	120	0	-0.8%	30	N/A	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Worl	4,310	4,670	360	8.4%	1,330	\$22.64	Work experience in a related occupation
43-3011	Bill and Account Collectors	2,050	2,410	370	17.9%	750	\$14.10	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	2,250	2,500	250	11.0%	620	\$14.14	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,660	9,270	610	7.1%	1,650	\$15.36	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	860	780	-80	-9.5%	200	\$16.26	Moderate-term on-the-job training
43-3071	Tellers	1,870	1,930	60	3.2%	830	\$10.91	Short-term on-the-job training
43-4011	Brokerage Clerks	40	40	0	-4.5%	10	\$15.79	Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	240	270	20	8.6%	90	\$12.27	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	100	90	-10	-8.7%	30	\$15.63	Short-term on-the-job training
43-4051	Customer Service Representatives	10,540	12,170	1,630	15.5%	4,950	\$15.37	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	50	60	0	5.8%	20	\$19.19	Moderate-term on-the-job training
43-4071	File Clerks	630	460	-170	-26.8%	150	\$11.34	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	510	580	70	12.9%	240	\$9.96	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	620	710	80	13.5%	230	\$12.25	Short-term on-the-job training
43-4121	Library Assistants, Clerical	260	290	30	10.3%	140	\$10.35	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	430	430	0	-0.5%	110	\$14.73	Short-term on-the-job training
43-4141	New Accounts Clerks	240	230	-10	-2.1%	70	\$15.05	Work experience in a related occupation
43-4151	Order Clerks	820	590	-240	-28.8%	230	\$13.30	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	540	500	-40	-7.7%	150	\$16.91	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,440	2,700	260	10.6%	920	\$11.45	Short-term on-the-job training

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43-4199	Information and Record Clerks, All Other	370	310	-60	-16.9%	100	\$19.37	Short-term on-the-job training
43-5011	Cargo and Freight Agents	190	210	20	12.3%	70	\$22.17	Moderate-term on-the-job training
43-5021	Couriers and Messengers	300	290	-10	-3.0%	70	\$11.81	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	240	290	50	20.9%	100	\$13.05	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	620	610	-10	-1.5%	130	\$15.36	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	240	210	-30	-11.4%	70	\$14.61	Short-term on-the-job training
43-5051	Postal Service Clerks	150	120	-40	-22.7%	30	\$25.94	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	890	820	-60	-7.0%	280	\$24.74	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	500	330	-170	-34.4%	50	\$23.37	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,100	1,130	30	2.4%	300	\$19.71	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,810	2,650	-160	-5.5%	700	\$14.28	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	5,000	5,190	190	3.8%	1,340	\$11.41	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	90	-10	-10.2%	30	\$10.24	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	3,530	3,790	260	7.4%	740	\$18.52	Work experience in a related occupation
43-6012	Legal Secretaries	670	690	20	2.8%	110	\$16.24	Associate degree
43-6013	Medical Secretaries	970	1,200	230	23.5%	360	\$13.52	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	4,770	4,770	0	0.0%	640	\$13.44	Moderate-term on-the-job training
43-9011	Computer Operators	280	200	-80	-27.7%	30	\$15.36	Moderate-term on-the-job training
43-9021	Data Entry Keyers	820	730	-90	-11.4%	170	\$12.43	Moderate-term on-the-job training
43-9022	Word Processors and Typists	200	170	-30	-12.8%	20	\$13.63	Moderate-term on-the-job training
43-9031	Desktop Publishers	20	20	0	0.0%	0	\$14.46	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	570	590	20	3.5%	100	\$19.36	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	390	320	-70	-18.4%	70	\$11.70	Short-term on-the-job training
43-9061	Office Clerks, General	6,680	7,280	600	9.0%	1,510	\$11.60	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	220	190	-30	-14.3%	70	\$12.44	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	200	170	-30	-14.9%	50	N/A	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Wk	2,400	2,630	230	9.4%	690	\$24.06	Work experience in a related occupation
47-2011	Boilermakers	250	270	30	11.4%	80	\$16.73	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	180	190	10	3.8%	50	\$15.88	Long-term on-the-job training
47-2022	Stonemasons	70	90	10	17.6%	30	\$16.19	Long-term on-the-job training
47-2031	Carpenters	3,310	3,530	220	6.7%	630	\$15.07	Long-term on-the-job training
47-2041	Carpet Installers	60	60	0	-6.3%	20	\$14.36	Moderate-term on-the-job training
47-2043	Floor Sanders and Finishers	170	170	10	4.8%	50	\$20.77	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	320	350	30	8.8%	110	\$14.61	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	930	980	50	5.0%	280	\$14.97	Moderate-term on-the-job training
47-2061	Construction Laborers	2,780	3,150	380	13.5%	560	\$12.57	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	350	380	30	8.9%	90	\$14.28	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	660	720	60	8.3%	170	\$16.16	Moderate-term on-the-job training
47-2111	Electricians	2,150	2,300	140	6.5%	660	\$20.97	Long-term on-the-job training
47-2121	Glaziers	120	130	0	0.8%	50	\$14.21	Long-term on-the-job training
47-2131	Insulation Workers, Floor, Ceiling, and Wall	110	110	10	5.7%	40	\$17.40	Moderate-term on-the-job training
47-2141	Painters, Construction and Maintenance	1,660	1,690	30	1.9%	320	\$14.65	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	1,790	1,940	140	8.0%	510	\$19.78	Long-term on-the-job training
47-2181	Roofers	390	370	-20	-4.1%	60	\$12.63	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	750	790	50	6.0%	220	\$16.93	Long-term on-the-job training
47-3013	Helpers--Electricians	360	400	40	11.8%	120	\$14.45	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	10	0	-12.5%	0	N/A	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	290	330	40	15.4%	100	\$13.03	Short-term on-the-job training
47-4011	Construction and Building Inspectors	230	250	20	10.5%	70	\$21.69	Work experience in a related occupation
47-4051	Highway Maintenance Workers	380	420	40	11.0%	150	\$13.53	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	240	240	0	1.3%	40	\$18.62	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	40	50	0	4.7%	10	\$17.46	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	30	30	0	14.8%	10	N/A	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	450	470	20	4.0%	100	\$18.21	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	40	40	0	-10.0%	10	\$15.01	Short-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,440	1,480	40	2.8%	420	\$27.99	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	370	340	-30	-6.8%	60	\$19.16	Postsecondary vocational training

**TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	760	640	-120	-15.7%	130	\$22.57	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	2.5%	20	\$24.34	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	230	250	10	4.7%	50	\$23.03	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	60	10	30.2%	20	\$23.65	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	70	0	-4.4%	10	\$14.12	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	260	290	30	11.5%	80	\$17.14	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	140	170	30	23.6%	60	\$16.59	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	620	600	-20	-3.2%	160	\$18.04	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,530	1,570	50	2.9%	340	\$15.92	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	770	790	20	2.3%	200	\$18.10	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	50	50	0	2.2%	10	N/A	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	480	520	30	6.8%	130	\$18.83	Long-term on-the-job training
49-3093	Tire Repairers and Changers	80	80	0	-2.4%	20	\$10.72	Short-term on-the-job training
49-9011	Mechanical Door Repairers	170	180	10	4.8%	30	\$14.54	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	250	260	10	4.5%	50	\$17.54	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,120	1,370	250	21.9%	430	\$18.03	Postsecondary vocational training
49-9031	Home Appliance Repairers	100	100	0	-1.0%	20	\$16.67	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	870	1,000	130	14.3%	250	\$21.75	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,990	4,390	390	9.8%	1,010	N/A	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	210	230	20	11.5%	60	\$18.16	Moderate-term on-the-job training
49-9044	Millwrights	60	60	0	-1.6%	10	\$22.60	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	60	60	0	-3.2%	10	\$19.35	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	260	300	40	16.2%	130	\$22.12	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	410	380	-30	-6.4%	60	\$23.17	Long-term on-the-job training
49-9061	Camera and Photographic Equipment Repairers	20	20	0	-13.0%	10	N/A	Long-term on-the-job training
49-9062	Medical Equipment Repairers	230	290	60	26.0%	130	\$21.22	Associate degree
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	110	120	10	7.9%	50	\$14.30	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	90	110	10	11.7%	30	\$18.16	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	370	390	20	5.6%	200	\$11.96	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	580	580	0	-0.2%	90	N/A	Moderate-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,520	2,560	40	1.5%	380	\$26.38	Work experience in a related occupation
51-2022	Electrical and Electronic Equipment Assemblers	470	430	-40	-8.7%	70	\$13.65	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	160	160	0	1.3%	30	\$16.13	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	90	90	0	-1.1%	20	\$15.77	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	800	860	60	7.3%	230	\$16.00	Moderate-term on-the-job training
51-2092	Team Assemblers	5,870	6,400	530	9.1%	1,850	\$13.36	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	190	200	10	7.0%	60	\$13.34	Moderate-term on-the-job training
51-3011	Bakers	440	450	10	1.6%	120	\$10.43	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	290	290	0	0.3%	90	\$12.45	Long-term on-the-job training
51-3092	Food Batchmakers	180	210	30	16.3%	70	\$11.56	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	210	240	30	12.9%	90	\$11.92	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	440	530	80	18.9%	170	\$16.61	Moderate-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	170	160	-10	-7.1%	30	\$21.87	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal ar	60	70	10	11.5%	20	\$16.01	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	310	290	-20	-6.8%	60	\$15.99	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	830	780	-40	-5.1%	160	\$14.93	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	220	180	-40	-19.4%	20	\$16.06	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators,	560	530	-40	-6.9%	80	\$14.26	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	300	240	-60	-19.2%	50	\$18.62	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and P	120	120	-10	-7.3%	20	\$16.71	Moderate-term on-the-job training
51-4041	Machinists	2,780	2,850	70	2.6%	440	\$17.90	Long-term on-the-job training
51-4052	Pourers and Casters, Metal	90	90	0	0.0%	20	\$13.89	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	80	70	-10	-7.6%	20	\$11.17	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tende	160	170	10	5.1%	40	\$12.55	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	240	-20	-7.9%	50	\$16.62	Moderate-term on-the-job training
51-4111	Tool and Die Makers	70	80	0	2.7%	10	\$22.54	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	4,860	5,110	250	5.1%	1,740	\$17.65	Postsecondary vocational training

**TULSA WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas	170	170	0	-1.7%	80	\$14.61	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and F	130	120	-10	-3.9%	40	\$13.97	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	80	80	0	-1.3%	30	\$16.93	Moderate-term on-the-job training
51-5011	Bindery Workers	200	170	-30	-15.2%	30	N/A	Short-term on-the-job training
51-5022	Prepress Technicians and Workers	190	180	-20	-7.8%	20	N/A	Postsecondary vocational training
51-5023	Printing Machine Operators	420	430	10	2.1%	100	N/A	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	750	760	20	2.6%	150	\$9.33	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	100	100	0	2.0%	10	\$9.41	Short-term on-the-job training
51-6031	Sewing Machine Operators	270	200	-70	-26.8%	20	\$11.49	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	40	30	-10	-14.3%	10	\$11.08	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	350	410	60	16.4%	140	\$12.74	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	100	110	20	16.3%	30	\$22.81	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	180	220	40	23.2%	80	\$14.49	Long-term on-the-job training
51-8092	Gas Plant Operators	170	170	0	-0.6%	40	\$26.18	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	520	490	-20	-4.6%	120	\$25.93	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	90	90	-10	-7.4%	10	\$20.73	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	270	310	50	18.0%	90	\$13.25	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	360	450	90	26.2%	160	\$15.43	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	230	290	60	27.3%	110	\$17.22	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	100	0	0.0%	10	\$16.92	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,380	2,430	60	2.4%	450	\$19.55	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	110	130	20	21.0%	40	\$15.13	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	160	150	-10	-3.2%	30	\$11.43	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	620	660	50	7.4%	150	\$11.49	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	700	780	90	12.5%	270	\$14.04	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	280	310	20	7.8%	100	\$18.62	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	110	120	20	15.9%	50	\$12.07	Short-term on-the-job training
51-9131	Photographic Process Workers	70	70	10	7.4%	20	N/A	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	140	100	-30	-24.6%	30	N/A	Short-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	140	150	10	8.6%	80	\$15.44	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1,910	2,110	200	10.7%	540	\$11.78	Short-term on-the-job training
51-9199	Production Workers, All Other	270	310	40	15.9%	110	N/A	Moderate-term on-the-job training
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	1,210	1,110	-100	-8.0%	210	\$25.18	Work experience in a related occupation
53-2012	Commercial Pilots	110	140	30	26.3%	70	N/A	Postsecondary vocational training
53-2021	Air Traffic Controllers	80	90	10	7.3%	30	N/A	Long-term on-the-job training
53-3022	Bus Drivers, School	1,000	950	-50	-4.5%	170	\$12.19	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	1,240	1,300	60	4.7%	280	\$11.80	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,740	6,200	450	7.9%	1,480	\$19.05	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	2,690	2,750	60	2.3%	540	\$16.10	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	240	270	20	9.8%	70	\$9.46	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	50	60	0	3.7%	10	\$10.79	Short-term on-the-job training
53-6021	Parking Lot Attendants	260	280	20	8.0%	120	\$8.30	Short-term on-the-job training
53-6031	Service Station Attendants	30	30	0	-8.8%	10	\$9.75	Short-term on-the-job training
53-6041	Traffic Technicians	40	50	0	7.1%	20	\$26.07	Short-term on-the-job training
53-6051	Transportation Inspectors	20	20	0	5.0%	10	\$20.67	Work experience in a related occupation
53-7011	Conveyor Operators and Tenders	110	100	-10	-9.0%	30	\$13.73	Short-term on-the-job training
53-7021	Crane and Tower Operators	110	100	-10	-8.2%	30	\$19.23	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	490	510	20	3.7%	160	\$15.82	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,420	1,500	80	5.4%	500	\$13.42	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	810	820	10	1.5%	300	\$10.94	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,900	5,750	-150	-2.5%	1,900	\$11.22	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	310	250	-60	-17.9%	40	\$13.68	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,420	1,340	-80	-5.7%	240	\$9.37	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	40	30	-10	-25.0%	10	\$23.15	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	230	200	-30	-14.3%	70	\$22.67	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	400	480	80	19.7%	200	\$13.12	Short-term on-the-job training

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
<b>00-0000</b>	<b>Total all occupations</b>	<b>358,970</b>	<b>\$19.48</b>	<b>\$40,514</b>	<b>\$9.20</b>	<b>\$19,138</b>	<b>\$24.62</b>	<b>\$51,203</b>	<b>\$10.40</b>	<b>\$21,623</b>	<b>\$15.13</b>	<b>\$31,481</b>	<b>\$23.02</b>	<b>\$47,882</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>19,730</b>	<b>\$43.34</b>	<b>\$90,149</b>	<b>\$21.09</b>	<b>\$43,857</b>	<b>\$54.47</b>	<b>\$113,295</b>	<b>\$25.41</b>	<b>\$52,845</b>	<b>\$36.38</b>	<b>\$75,672</b>	<b>\$52.74</b>	<b>\$109,696</b>
11-1011	Chief Executives	1,240	\$77.47	\$161,135	\$39.00	\$81,118	\$96.70	\$201,144	\$46.89	\$97,531	\$70.57	\$146,793		
11-1021	General and Operations Managers	7,320	\$46.14	\$95,972	\$21.49	\$44,708	\$58.46	\$121,605	\$26.17	\$54,434	\$38.60	\$80,288	\$58.06	\$120,769
11-1031	Legislators	30		\$22,943		\$16,833		\$25,998		\$16,614		\$17,853		\$19,092
11-2011	Advertising and Promotions Managers	100	\$28.55	\$59,379	\$18.27	\$37,995	\$33.69	\$70,071	\$19.40	\$40,361	\$23.33	\$48,520	\$27.90	\$58,025
11-2021	Marketing Managers	470	\$40.40	\$84,030	\$21.62	\$44,963	\$49.79	\$103,564	\$24.16	\$50,248	\$34.88	\$72,561	\$51.13	\$106,357
11-2022	Sales Managers	1,020	\$42.77	\$88,960	\$25.46	\$52,962	\$51.42	\$106,958	\$28.91	\$60,126	\$40.30	\$83,816	\$53.39	\$111,050
11-2031	Public Relations Managers	160	\$33.60	\$69,891	\$19.99	\$41,575	\$40.41	\$84,049	\$21.91	\$45,568	\$29.33	\$61,008	\$43.45	\$90,378
11-3011	Administrative Services Managers	1,080	\$29.84	\$62,074	\$17.32	\$36,034	\$36.10	\$75,094	\$19.65	\$40,869	\$26.99	\$56,131	\$38.46	\$79,995
11-3021	Computer and Information Systems Managers	520	\$48.09	\$100,026	\$30.53	\$63,503	\$56.87	\$118,287	\$35.72	\$74,299	\$46.29	\$96,289	\$56.44	\$117,388
11-3031	Financial Managers	1,300	\$47.46	\$98,716	\$27.28	\$56,750	\$57.55	\$119,700	\$31.47	\$65,458	\$44.59	\$92,737	\$58.35	\$121,361
11-3051	Industrial Production Managers	670	\$39.83	\$82,842	\$27.41	\$57,012	\$46.04	\$95,758	\$30.30	\$63,031	\$37.06	\$77,091	\$46.19	\$96,081
11-3061	Purchasing Managers	180	\$37.09	\$77,148	\$21.93	\$45,618	\$44.67	\$92,912	\$25.22	\$52,459	\$35.23	\$73,288	\$43.78	\$91,055
11-3071	Transportation, Storage, and Distribution Managers	320	\$35.16	\$73,134	\$22.74	\$47,292	\$41.37	\$86,055	\$26.16	\$54,417	\$33.40	\$69,465	\$42.50	\$88,392
11-3111	Compensation and Benefits Managers	160	\$33.15	\$68,945	\$19.55	\$40,657	\$39.95	\$83,088	\$22.60	\$47,016	\$32.01	\$66,588	\$41.50	\$86,323
11-3121	Human Resources Managers	310	\$32.75	\$68,124	\$20.84	\$43,350	\$38.71	\$80,511	\$22.49	\$46,781	\$28.21	\$58,679	\$40.41	\$84,052
11-3131	Training and Development Managers	140	\$25.98	\$54,045	\$13.82	\$28,741	\$32.07	\$66,698	\$16.87	\$35,090	\$21.20	\$44,095	\$30.16	\$62,734
11-9021	Construction Managers	620	\$34.10	\$70,936	\$24.57	\$51,105	\$38.87	\$80,851	\$26.72	\$55,578	\$31.34	\$65,192	\$35.99	\$74,852
11-9031	Education Administrators, Preschool and Child Care C	130	\$18.15	\$37,751	\$11.72	\$24,385	\$21.36	\$44,434	\$12.40	\$25,782	\$14.54	\$30,249	\$23.00	\$47,845
11-9032	Education Administrators, Elementary and Secondary :	490		\$73,433		\$55,274		\$82,513		\$61,552		\$72,167		\$86,576
11-9033	Education Administrators, Postsecondary	260	\$32.55	\$67,713	\$19.99	\$41,571	\$38.84	\$80,784	\$22.68	\$47,175	\$31.99	\$66,539	\$39.50	\$82,156
11-9041	Engineering Managers	420	\$54.70	\$113,782	\$35.11	\$73,037	\$64.50	\$134,154	\$39.82	\$82,818	\$50.58	\$105,198	\$62.49	\$129,981
11-9051	Food Service Managers	470	\$22.97	\$47,769	\$14.98	\$31,167	\$26.96	\$56,071	\$16.51	\$34,344	\$22.70	\$47,226	\$27.73	\$57,681
11-9081	Lodging Managers		\$17.09	\$35,555	\$13.57	\$28,234	\$18.85	\$39,215	\$14.38	\$29,915	\$16.45	\$34,221	\$18.36	\$38,197
11-9111	Medical and Health Services Managers	920	\$35.14	\$73,084	\$23.57	\$49,030	\$40.92	\$85,111	\$26.83	\$55,814	\$33.29	\$69,246	\$40.72	\$84,703
11-9121	Natural Sciences Managers	60	\$76.45	\$159,025	\$36.07	\$75,031	\$96.64	\$201,021	\$47.13	\$98,026	\$61.97	\$128,900		
11-9131	Postmasters and Mail Superintendents	40	\$29.13	\$60,600	\$17.30	\$35,983	\$35.05	\$72,908	\$24.90	\$51,793	\$30.31	\$63,047	\$36.95	\$76,865
11-9141	Property, Real Estate, and Community Association Ma	710	\$34.47	\$71,690	\$14.28	\$29,712	\$44.56	\$92,678	\$16.40	\$34,122	\$22.19	\$46,165	\$34.57	\$71,915
11-9151	Social and Community Service Managers	210	\$30.06	\$62,531	\$17.97	\$37,383	\$36.11	\$75,105	\$20.53	\$42,710	\$29.14	\$60,612	\$40.36	\$83,955
11-9161	Emergency Management Directors	10	\$17.51	\$36,413	\$9.02	\$18,765	\$21.75	\$45,237	\$9.26	\$19,270	\$16.85	\$35,040	\$21.79	\$45,321
11-9199	Managers, All Other	230	\$56.14	\$116,772	\$23.87	\$49,656	\$72.27	\$150,330	\$28.56	\$59,400	\$45.21	\$94,044	\$70.75	\$147,155
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>17,220</b>	<b>\$27.94</b>	<b>\$58,106</b>	<b>\$16.76</b>	<b>\$34,856</b>	<b>\$33.52</b>	<b>\$69,730</b>	<b>\$19.00</b>	<b>\$39,519</b>	<b>\$25.61</b>	<b>\$53,259</b>	<b>\$34.36</b>	<b>\$71,460</b>
13-1021	Purchasing Agents and Buyers, Farm Products		\$19.62	\$40,807	\$12.15	\$25,269	\$23.35	\$48,576	\$13.80	\$28,708	\$17.87	\$37,165	\$25.62	\$53,284
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	\$26.78	\$55,694	\$13.82	\$28,747	\$33.25	\$69,167	\$15.04	\$31,285	\$21.20	\$44,088	\$28.39	\$59,061
13-1023	Purchasing Agents, Except Wholesale, Retail, and Far	1,020	\$27.55	\$57,297	\$16.70	\$34,729	\$32.97	\$68,582	\$18.49	\$38,466	\$25.64	\$53,321	\$35.22	\$73,267
13-1031	Claims Adjusters, Examiners, and Investigators	750	\$29.80	\$61,986	\$16.96	\$35,283	\$36.22	\$75,337	\$18.53	\$38,547	\$29.50	\$61,353	\$35.97	\$74,812
13-1041	Compliance Officers, Except Agriculture, Construction,	320	\$27.97	\$58,168	\$16.81	\$34,963	\$33.54	\$69,771	\$18.35	\$38,164	\$24.47	\$50,896	\$35.51	\$73,866
13-1051	Cost Estimators	480	\$25.49	\$53,015	\$16.82	\$34,992	\$29.82	\$62,027	\$19.02	\$39,562	\$24.80	\$51,574	\$30.28	\$62,976
13-1078	Human resources, labor relations, and training speciali	1,380	\$24.94	\$51,882	\$17.00	\$35,363	\$28.91	\$60,141	\$18.65	\$38,801	\$22.73	\$47,271	\$30.87	\$64,210
13-1081	Logisticians	240	\$29.84	\$62,064	\$20.93	\$43,539	\$34.29	\$71,326	\$23.53	\$48,948	\$28.29	\$58,851	\$35.54	\$73,928

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
13-1111	Management Analysts	980	\$35.71	\$74,274	\$22.61	\$47,033	\$42.26	\$87,895	\$25.90	\$53,870	\$33.14	\$68,925	\$43.58	\$90,636
13-1121	Meeting and Convention Planners	190	\$27.69	\$57,601	\$15.95	\$33,176	\$33.56	\$69,814	\$18.38	\$38,225	\$28.87	\$60,055	\$35.63	\$74,120
13-1141	Compensation, Benefits, and Job Analysis Specialists		\$27.48	\$57,161	\$18.73	\$38,964	\$31.86	\$66,260	\$20.73	\$43,112	\$26.44	\$54,999	\$33.20	\$69,056
13-1151	Training and Development Specialists	980	\$23.39	\$48,646	\$13.59	\$28,277	\$28.28	\$58,831	\$16.20	\$33,694	\$21.68	\$45,102	\$27.96	\$58,149
13-1161	Market Research Analysts	700	\$27.05	\$56,256	\$17.33	\$36,049	\$31.90	\$66,359	\$18.92	\$39,353	\$25.01	\$52,016	\$32.33	\$67,251
13-1199	Business Operations Specialists, All Other	1,090	\$33.72	\$70,147	\$19.97	\$41,535	\$40.60	\$84,454	\$23.77	\$49,445	\$31.95	\$66,452	\$41.80	\$86,945
13-2011	Accountants and Auditors	4,600	\$27.83	\$57,885	\$18.45	\$38,384	\$32.52	\$67,635	\$20.35	\$42,338	\$25.82	\$53,706	\$33.46	\$69,592
13-2021	Appraisers and Assessors of Real Estate	140	\$20.01	\$41,613	\$12.80	\$26,616	\$23.61	\$49,111	\$13.43	\$27,936	\$17.13	\$35,624	\$23.11	\$48,072
13-2031	Budget Analysts	80	\$29.80	\$61,983	\$20.45	\$42,529	\$34.48	\$71,710	\$22.54	\$46,892	\$28.46	\$59,204	\$35.51	\$73,870
13-2051	Financial Analysts	400	\$33.88	\$70,461	\$21.63	\$44,987	\$40.00	\$83,198	\$23.49	\$48,861	\$32.93	\$68,501	\$42.82	\$89,064
13-2052	Personal Financial Advisors	250	\$34.67	\$72,116	\$15.05	\$31,300	\$44.48	\$92,524	\$18.77	\$39,033	\$26.02	\$54,131	\$47.20	\$98,168
13-2053	Insurance Underwriters	390	\$30.96	\$64,399	\$18.39	\$38,249	\$37.25	\$77,474	\$21.03	\$43,743	\$28.00	\$58,231	\$37.64	\$78,297
13-2061	Financial Examiners	170	\$37.17	\$77,306	\$17.56	\$36,528	\$46.97	\$97,695	\$19.89	\$41,375	\$33.23	\$69,123	\$54.95	\$114,301
13-2071	Loan Counselors	210	\$19.76	\$41,100	\$13.22	\$27,504	\$23.03	\$47,898	\$13.87	\$28,846	\$16.73	\$34,801	\$22.57	\$46,938
13-2072	Loan Officers	1,090	\$23.65	\$49,184	\$13.41	\$27,889	\$28.77	\$59,831	\$14.68	\$30,534	\$18.48	\$38,443	\$30.60	\$63,644
13-2081	Tax Examiners, Collectors, and Revenue Agents	90	\$33.18	\$69,013	\$19.40	\$40,348	\$40.07	\$83,346	\$22.82	\$47,465	\$34.19	\$71,111	\$43.27	\$90,003
13-2082	Tax Preparers	250	\$24.55	\$51,055	\$9.77	\$20,322	\$31.93	\$66,422	\$10.84	\$22,542	\$24.44	\$50,825	\$33.92	\$70,554
13-2099	Financial Specialists, All Other	40	\$33.52	\$69,715	\$18.93	\$39,379	\$40.81	\$84,883	\$23.68	\$49,248	\$30.38	\$63,199	\$41.99	\$87,336
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>6,870</b>	<b>\$31.54</b>	<b>\$65,610</b>	<b>\$17.57</b>	<b>\$36,544</b>	<b>\$38.53</b>	<b>\$80,144</b>	<b>\$20.50</b>	<b>\$42,638</b>	<b>\$29.44</b>	<b>\$61,240</b>	<b>\$40.55</b>	<b>\$84,354</b>
15-1111	Computer and Information Scientists, Research	30	\$39.20	\$81,531	\$31.71	\$65,953	\$42.94	\$89,321	\$36.88	\$76,702	\$40.66	\$84,563	\$44.32	\$92,186
15-1121	Computer Systems Analysts	1,110	\$35.50	\$73,844	\$22.38	\$46,543	\$42.06	\$87,494	\$26.01	\$54,098	\$35.16	\$73,124	\$44.51	\$92,578
15-1131	Computer Programmers	580	\$34.36	\$71,466	\$21.10	\$43,895	\$40.99	\$85,251	\$24.26	\$50,461	\$33.01	\$68,670	\$43.28	\$90,019
15-1132	Computer Software Engineers, Applications	720	\$35.22	\$73,257	\$22.58	\$46,964	\$41.54	\$86,404	\$25.81	\$53,681	\$34.33	\$71,398	\$42.98	\$89,391
15-1133	Computer Software Engineers, Systems Software	520	\$49.70	\$103,366	\$32.05	\$66,664	\$58.52	\$121,717	\$36.22	\$75,333	\$44.99	\$93,574	\$55.87	\$116,211
15-1141	Database Administrators	200	\$34.59	\$71,945	\$21.54	\$44,805	\$41.11	\$85,515	\$24.57	\$51,109	\$33.52	\$69,716	\$43.74	\$90,984
15-1142	Network and Computer Systems Administrators	650	\$30.31	\$63,054	\$20.06	\$41,714	\$35.44	\$73,724	\$23.00	\$47,845	\$28.92	\$60,162	\$35.96	\$74,801
15-1150	Computer Support Specialists	2,160	\$23.00	\$47,840	\$14.68	\$30,539	\$27.16	\$56,490	\$16.37	\$34,057	\$20.26	\$42,135	\$27.76	\$57,749
15-1179	Information Security Analysts, Web Developers, and C	570	\$31.76	\$66,053	\$17.94	\$37,311	\$38.67	\$80,424	\$21.36	\$44,422	\$28.95	\$60,218	\$41.76	\$86,858
15-1799	Computer Occupations, All Other*	140	\$37.24	\$77,456	\$27.79	\$57,798	\$41.96	\$87,284	\$30.43	\$63,292	\$37.32	\$77,635	\$43.58	\$90,655
15-2011	Actuaries	20	\$40.71	\$84,685	\$26.87	\$55,886	\$47.64	\$99,084	\$28.40	\$59,073	\$36.55	\$76,024	\$44.02	\$91,562
15-2031	Operations Research Analysts	120	\$31.06	\$64,615	\$21.25	\$44,190	\$35.97	\$74,828	\$23.55	\$48,987	\$30.51	\$63,453	\$36.46	\$75,842
15-2041	Statisticians	50	\$25.86	\$53,797	\$17.85	\$37,121	\$29.87	\$62,136	\$19.69	\$40,961	\$24.37	\$50,684	\$30.98	\$64,437
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>7,450</b>	<b>\$35.81</b>	<b>\$74,488</b>	<b>\$19.88</b>	<b>\$41,360</b>	<b>\$43.78</b>	<b>\$91,052</b>	<b>\$23.29</b>	<b>\$48,452</b>	<b>\$31.99</b>	<b>\$66,547</b>	<b>\$43.33</b>	<b>\$90,119</b>
17-1011	Architects, Except Landscape and Naval	240	\$33.89	\$70,491	\$21.54	\$44,803	\$40.06	\$83,334	\$23.24	\$48,333	\$33.00	\$68,641	\$42.05	\$87,473
17-1021	Cartographers and Photogrammetrists	40	\$24.31	\$50,560	\$16.75	\$34,841	\$28.09	\$58,419	\$17.87	\$37,170	\$23.97	\$49,865	\$30.89	\$64,249
17-1022	Surveyors	160	\$25.64	\$53,337	\$15.66	\$32,564	\$30.64	\$63,723	\$17.48	\$36,356	\$25.32	\$52,665	\$31.84	\$66,233
17-2011	Aerospace Engineers	220	\$37.31	\$77,602	\$28.04	\$58,320	\$41.94	\$87,243	\$30.32	\$63,058	\$36.75	\$76,444	\$44.09	\$91,703
17-2041	Chemical Engineers	50	\$41.71	\$86,764	\$28.01	\$58,262	\$48.56	\$101,014	\$30.02	\$62,449	\$36.82	\$76,585	\$53.31	\$110,889
17-2051	Civil Engineers	890	\$40.65	\$84,555	\$26.03	\$54,151	\$47.96	\$99,758	\$29.94	\$62,266	\$40.47	\$84,169	\$51.08	\$106,251
17-2061	Computer Hardware Engineers	60	\$41.13	\$85,548	\$27.28	\$56,741	\$48.05	\$99,951	\$28.88	\$60,080	\$33.44	\$69,565	\$44.55	\$92,666
17-2071	Electrical Engineers	480	\$35.56	\$73,971	\$23.40	\$48,678	\$41.64	\$86,617	\$26.61	\$55,351	\$36.03	\$74,933	\$43.58	\$90,639

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
17-2072	Electronics Engineers, Except Computer	170	\$36.80	\$76,537	\$29.44	\$61,235	\$40.47	\$84,187	\$30.92	\$64,307	\$34.81	\$72,402	\$42.25	\$87,880
17-2081	Environmental Engineers	80	\$42.45	\$88,298	\$27.49	\$57,178	\$49.93	\$103,857	\$32.79	\$68,207	\$41.37	\$86,046	\$46.49	\$96,698
17-2111	Health and Safety Engineers, Except Mining Safety En	140	\$38.02	\$79,076	\$23.88	\$49,663	\$45.09	\$93,782	\$28.68	\$59,647	\$39.05	\$81,226	\$48.76	\$101,421
17-2112	Industrial Engineers	410	\$36.59	\$76,097	\$26.34	\$54,791	\$41.71	\$86,750	\$28.73	\$59,758	\$35.18	\$73,172	\$43.28	\$90,014
17-2141	Mechanical Engineers	680	\$36.21	\$75,308	\$27.34	\$56,857	\$40.64	\$84,534	\$30.09	\$62,586	\$34.74	\$72,252	\$41.71	\$86,753
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers		\$56.12	\$116,730	\$35.64	\$74,140	\$66.36	\$138,026	\$41.90	\$87,161	\$62.26	\$129,502	\$68.65	\$142,800
17-2171	Petroleum Engineers	780	\$67.23	\$139,833	\$34.88	\$72,559	\$83.40	\$173,470	\$41.63	\$86,599	\$60.10	\$125,010	\$84.94	\$176,679
17-2199	Engineers, All Other	300	\$37.66	\$78,329	\$24.80	\$51,592	\$44.09	\$91,697	\$29.10	\$60,518	\$37.42	\$77,840	\$44.90	\$93,389
17-3011	Architectural and Civil Drafters	310	\$23.25	\$48,350	\$17.22	\$35,809	\$26.26	\$54,620	\$18.25	\$37,965	\$22.46	\$46,724	\$27.77	\$57,762
17-3012	Electrical and Electronics Drafters	90	\$28.41	\$59,085	\$20.13	\$41,863	\$32.55	\$67,697	\$21.47	\$44,665	\$26.37	\$54,846	\$36.41	\$75,738
17-3013	Mechanical Drafters	510	\$25.76	\$53,585	\$18.16	\$37,781	\$29.56	\$61,486	\$19.59	\$40,748	\$24.10	\$50,123	\$31.02	\$64,518
17-3019	Drafters, All Other	30	\$20.79	\$43,251	\$18.30	\$38,065	\$22.04	\$45,844	\$19.57	\$40,708	\$21.13	\$43,956	\$22.69	\$47,204
17-3022	Civil Engineering Technicians	180	\$23.68	\$49,261	\$15.41	\$32,048	\$27.82	\$57,867	\$17.78	\$36,986	\$24.04	\$50,006	\$28.80	\$59,912
17-3023	Electrical and Electronic Engineering Technicians	340	\$23.86	\$49,627	\$13.88	\$28,862	\$28.85	\$60,009	\$15.43	\$32,097	\$22.47	\$46,748	\$29.89	\$62,181
17-3024	Electro-Mechanical Technicians	20	\$22.84	\$47,513	\$16.23	\$33,749	\$26.15	\$54,395	\$18.14	\$37,730	\$21.65	\$45,031	\$28.45	\$59,184
17-3025	Environmental Engineering Technicians	50	\$20.79	\$43,243	\$10.85	\$22,559	\$25.76	\$53,584	\$12.39	\$25,768	\$20.41	\$42,455	\$26.75	\$55,647
17-3026	Industrial Engineering Technicians	200	\$22.73	\$47,272	\$15.25	\$31,726	\$26.46	\$55,045	\$16.91	\$35,170	\$21.60	\$44,918	\$27.83	\$57,890
17-3027	Mechanical Engineering Technicians	80	\$21.16	\$44,015	\$13.71	\$28,510	\$24.89	\$51,767	\$15.39	\$32,020	\$20.93	\$43,535	\$25.72	\$53,501
17-3029	Engineering Technicians, Except Drafters, All Other	370	\$26.79	\$55,721	\$13.70	\$28,495	\$33.33	\$69,335	\$15.73	\$32,726	\$25.41	\$52,854	\$34.95	\$72,700
17-3031	Surveying and Mapping Technicians	130	\$19.13	\$39,782	\$12.01	\$24,985	\$22.68	\$47,181	\$13.00	\$27,035	\$17.10	\$35,575	\$24.25	\$50,436
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>1,210</b>	<b>\$33.99</b>	<b>\$70,702</b>	<b>\$15.20</b>	<b>\$31,617</b>	<b>\$43.39</b>	<b>\$90,244</b>	<b>\$17.84</b>	<b>\$37,110</b>	<b>\$26.93</b>	<b>\$56,019</b>	<b>\$41.91</b>	<b>\$87,171</b>
19-1031	Conservation Scientists		\$34.19	\$71,114	\$24.20	\$50,333	\$39.18	\$81,504	\$27.08	\$56,328	\$35.28	\$73,383	\$42.45	\$88,299
19-1042	Medical Scientists, Except Epidemiologists	40	\$85.36	\$177,556	\$31.63	\$65,785	\$112.23	\$233,441	\$45.30	\$94,229				
19-2021	Atmospheric and Space Scientists		\$29.77	\$61,931	\$15.27	\$31,761	\$37.03	\$77,016	\$16.35	\$34,000	\$18.57	\$38,630	\$40.79	\$84,850
19-2031	Chemists	80	\$25.31	\$52,644	\$15.87	\$33,015	\$30.03	\$62,458	\$16.83	\$35,004	\$20.60	\$42,844	\$34.20	\$71,134
19-2041	Environmental Scientists and Specialists, Including He	70	\$40.42	\$84,074	\$21.34	\$44,378	\$49.96	\$103,922	\$24.00	\$49,924	\$36.60	\$76,118	\$50.91	\$105,888
19-2042	Geoscientists, Except Hydrologists and Geographers	150	\$64.56	\$134,277	\$37.44	\$77,871	\$78.12	\$162,480	\$43.35	\$90,174	\$56.57	\$117,658	\$78.61	\$163,501
19-3011	Economists	40	\$34.52	\$71,804	\$28.36	\$58,999	\$37.60	\$78,207	\$30.08	\$62,570	\$33.25	\$69,160	\$36.59	\$76,102
19-3031	Clinical, Counseling, and School Psychologists	160	\$29.42	\$61,194	\$17.03	\$35,415	\$35.62	\$74,084	\$19.32	\$40,175	\$22.75	\$47,326	\$35.26	\$73,339
19-3051	Urban and Regional Planners	20	\$30.61	\$63,673	\$25.60	\$53,250	\$33.12	\$68,885	\$29.96	\$62,326	\$32.42	\$67,440	\$34.88	\$72,555
19-4031	Chemical Technicians		\$17.67	\$36,743	\$11.83	\$24,600	\$20.58	\$42,815	\$13.13	\$27,317	\$16.61	\$34,542	\$21.11	\$43,910
19-4041	Geological and Petroleum Technicians	100	\$29.73	\$61,833	\$18.91	\$39,340	\$35.13	\$73,080	\$21.61	\$44,954	\$29.16	\$60,654	\$36.56	\$76,036
19-4091	Environmental Science and Protection Technicians, Inc	100	\$17.76	\$36,939	\$10.24	\$21,291	\$21.52	\$44,763	\$11.14	\$23,178	\$16.82	\$34,992	\$21.97	\$45,703
19-4099	Life, Physical, and Social Science Technicians, All Oth	40	\$25.69	\$53,428	\$14.81	\$30,808	\$31.12	\$64,739	\$16.59	\$34,512	\$24.59	\$51,143	\$33.12	\$68,887
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>3,140</b>	<b>\$17.85</b>	<b>\$37,127</b>	<b>\$10.51</b>	<b>\$21,868</b>	<b>\$21.52</b>	<b>\$44,757</b>	<b>\$12.20</b>	<b>\$25,384</b>	<b>\$16.54</b>	<b>\$34,407</b>	<b>\$22.02</b>	<b>\$45,800</b>
21-1011	Substance Abuse and Behavioral Disorder Counselors	160	\$22.18	\$46,141	\$15.86	\$32,998	\$25.34	\$52,712	\$17.57	\$36,536	\$21.62	\$44,965	\$26.06	\$54,200
21-1012	Educational, Vocational, and School Counselors	540	\$23.45	\$48,770	\$13.39	\$27,848	\$28.48	\$59,232	\$16.46	\$34,229	\$22.40	\$46,597	\$29.62	\$61,606
21-1014	Mental Health Counselors	180	\$19.69	\$40,956	\$16.44	\$34,192	\$21.32	\$44,337	\$17.35	\$36,097	\$19.69	\$40,962	\$21.85	\$45,445
21-1015	Rehabilitation Counselors	580	\$12.92	\$26,882	\$9.46	\$19,686	\$14.65	\$30,480	\$10.27	\$21,372	\$12.19	\$25,359	\$15.45	\$32,128
21-1019	Counselors, All Other	30	\$18.17	\$37,792	\$13.28	\$27,612	\$20.62	\$42,882	\$13.81	\$28,733	\$16.22	\$33,736	\$18.76	\$39,021
21-1021	Child, Family, and School Social Workers	280	\$16.41	\$34,124	\$10.75	\$22,353	\$19.24	\$40,010	\$12.57	\$26,144	\$15.88	\$33,030	\$19.79	\$41,153

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
21-1022	Medical and Public Health Social Workers	340	\$20.45	\$42,542	\$13.06	\$27,162	\$24.15	\$50,232	\$16.05	\$33,391	\$20.55	\$42,742	\$23.96	\$49,846
21-1023	Mental Health and Substance Abuse Social Workers	200	\$18.52	\$38,521	\$12.68	\$26,371	\$21.44	\$44,597	\$13.49	\$28,057	\$16.18	\$33,654	\$21.91	\$45,572
21-1029	Social Workers, All Other	40	\$25.12	\$52,249	\$14.72	\$30,618	\$30.32	\$63,064	\$16.58	\$34,491	\$20.49	\$42,616	\$35.88	\$74,622
21-1091	Health Educators	90	\$20.98	\$43,636	\$13.37	\$27,816	\$24.78	\$51,546	\$13.99	\$29,098	\$17.13	\$35,628	\$30.13	\$62,660
21-1092	Probation Officers and Correctional Treatment Specialists		\$16.32	\$33,938	\$10.67	\$22,185	\$19.14	\$39,815	\$13.00	\$27,037	\$17.13	\$35,637	\$20.68	\$43,015
21-1093	Social and Human Service Assistants	350	\$11.64	\$24,206	\$8.22	\$17,087	\$13.35	\$27,765	\$8.71	\$18,111	\$11.94	\$24,833	\$14.02	\$29,151
21-1798	Community and Social Service Specialists, All Other*	80	\$20.48	\$42,607	\$13.04	\$27,113	\$24.21	\$50,354	\$13.61	\$28,309	\$20.82	\$43,310	\$26.27	\$54,640
21-2011	Clergy	80	\$19.62	\$40,811	\$13.37	\$27,807	\$22.75	\$47,313	\$16.08	\$33,440	\$20.54	\$42,732	\$22.90	\$47,623
21-2021	Directors, Religious Activities and Education	20	\$21.00	\$43,670	\$11.57	\$24,064	\$25.71	\$53,473	\$13.77	\$28,644	\$20.35	\$42,335	\$27.50	\$57,199
<b>23-0000</b>	<b>Legal Occupations</b>	<b>2,580</b>	<b>\$46.09</b>	<b>\$95,857</b>	<b>\$15.48</b>	<b>\$32,193</b>	<b>\$61.39</b>	<b>\$127,689</b>	<b>\$18.09</b>	<b>\$37,621</b>	<b>\$32.48</b>	<b>\$67,554</b>	<b>\$65.99</b>	<b>\$137,266</b>
23-1011	Lawyers	1,400	\$67.06	\$139,486	\$29.66	\$61,697	\$85.76	\$178,381	\$36.77	\$76,482	\$60.80	\$126,462	\$88.75	\$184,607
23-1022	Arbitrators, Mediators, and Conciliators	30	\$37.14	\$77,244	\$18.48	\$38,446	\$46.46	\$96,643	\$23.68	\$49,258	\$28.66	\$59,620	\$54.41	\$113,177
23-1023	Judges, Magistrate Judges, and Magistrates	10	\$37.66	\$78,342	\$11.19	\$23,267	\$50.90	\$105,880	\$13.54	\$28,161	\$37.20	\$77,380	\$64.40	\$133,950
23-2011	Paralegals and Legal Assistants	680	\$20.18	\$41,966	\$13.64	\$28,370	\$23.44	\$48,764	\$14.73	\$30,647	\$18.36	\$38,190	\$23.19	\$48,230
23-2091	Court Reporters		\$14.12	\$29,379	\$13.18	\$27,420	\$14.60	\$30,359	\$12.65	\$26,304	\$13.55	\$28,178	\$14.45	\$30,052
23-2093	Title Examiners, Abstractors, and Searchers	260	\$23.09	\$48,035	\$14.14	\$29,419	\$27.57	\$57,343	\$16.64	\$34,615	\$22.03	\$45,829	\$28.77	\$59,841
23-2099	Legal Support Workers, All Other	40	\$26.00	\$54,074	\$18.69	\$38,878	\$29.65	\$61,673	\$20.51	\$42,665	\$23.41	\$48,685	\$29.60	\$61,572
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>18,660</b>	<b>\$19.72</b>	<b>\$41,027</b>	<b>\$10.66</b>	<b>\$22,172</b>	<b>\$24.26</b>	<b>\$50,455</b>	<b>\$12.02</b>	<b>\$25,000</b>	<b>\$18.95</b>	<b>\$39,409</b>	<b>\$24.66</b>	<b>\$51,290</b>
25-1011	Business Teachers, Postsecondary	140		\$69,722		\$34,488		\$87,340		\$42,650		\$57,124		\$100,612
25-1021	Computer Science Teachers, Postsecondary	80		\$72,955		\$64,735		\$77,065		\$65,508		\$70,977		\$76,835
25-1022	Mathematical Science Teachers, Postsecondary	90		\$38,228		\$21,652		\$46,516		\$21,677		\$23,928		\$50,089
25-1032	Engineering Teachers, Postsecondary	110		\$72,326		\$45,146		\$85,916		\$47,352		\$69,290		\$88,165
25-1042	Biological Science Teachers, Postsecondary	80		\$55,791		\$41,929		\$62,721		\$43,968		\$52,115		\$64,443
25-1052	Chemistry Teachers, Postsecondary	60		\$53,851		\$42,245		\$59,655		\$42,664		\$47,279		\$65,251
25-1054	Physics Teachers, Postsecondary	50		\$52,653		\$42,022		\$57,968		\$41,791		\$45,622		\$61,078
25-1063	Economics Teachers, Postsecondary			\$52,479		\$42,623		\$57,408		\$41,782		\$45,238		\$58,608
25-1065	Political Science Teachers, Postsecondary	50		\$55,651		\$42,012		\$62,470		\$42,014		\$46,105		\$66,350
25-1066	Psychology Teachers, Postsecondary	60		\$55,470		\$41,176		\$62,617		\$42,579		\$47,671		\$67,959
25-1067	Sociology Teachers, Postsecondary			\$49,189		\$42,623		\$52,473		\$41,420		\$44,515		\$47,609
25-1071	Health Specialties Teachers, Postsecondary			\$75,301		\$43,185		\$91,358		\$45,808		\$73,151		\$105,173
25-1072	Nursing Instructors and Teachers, Postsecondary	120		\$55,641		\$42,540		\$62,191		\$45,409		\$54,022		\$64,480
25-1081	Education Teachers, Postsecondary	60		\$52,313		\$41,676		\$57,632		\$42,433		\$46,893		\$59,897
25-1111	Criminal Justice and Law Enforcement Teachers, Post	40		\$47,405		\$40,511		\$50,852		\$40,758		\$43,929		\$47,101
25-1121	Art, Drama, and Music Teachers, Postsecondary	100		\$53,994		\$41,505		\$60,238		\$43,407		\$51,096		\$60,701
25-1122	Communications Teachers, Postsecondary	60		\$51,157		\$41,255		\$56,109		\$41,574		\$45,712		\$57,622
25-1123	English Language and Literature Teachers, Postsecon	90		\$60,835		\$40,723		\$70,891		\$43,546		\$54,601		\$73,490
25-1124	Foreign Language and Literature Teachers, Postsecon	60		\$48,151		\$40,799		\$51,826		\$41,255		\$45,353		\$53,690
25-1125	History Teachers, Postsecondary	60		\$50,120		\$39,039		\$55,661		\$40,524		\$44,964		\$55,571
25-1126	Philosophy and Religion Teachers, Postsecondary	40		\$72,985		\$52,195		\$83,380		\$59,253		\$75,963		\$87,877
25-1193	Recreation and Fitness Studies Teachers, Postsecond	30		\$51,782		\$39,669		\$57,838		\$41,626		\$47,848		\$57,396
25-1194	Vocational Education Teachers, Postsecondary	380	\$26.00	\$54,072	\$19.34	\$40,222	\$29.33	\$60,997	\$22.02	\$45,801	\$25.73	\$53,510	\$29.45	\$61,247

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
25-2011	Preschool Teachers, Except Special Education	1,050	\$12.74	\$26,496	\$8.19	\$17,028	\$15.01	\$31,230	\$8.93	\$18,581	\$11.43	\$23,767	\$16.36	\$34,019
25-2012	Kindergarten Teachers, Except Special Education	510		\$48,984		\$34,270		\$56,341		\$37,475		\$49,097		\$58,412
25-2021	Elementary School Teachers, Except Special Educatio	3,450		\$47,183		\$33,948		\$53,800		\$36,956		\$44,421		\$55,567
25-2022	Middle School Teachers, Except Special and Vocation:	1,610		\$46,193		\$33,824		\$52,377		\$36,729		\$43,871		\$53,376
25-2031	Secondary School Teachers, Except Special and Voca	2,160		\$47,384		\$34,934		\$53,609		\$37,922		\$45,081		\$55,593
25-2032	Vocational Education Teachers, Secondary School	120		\$51,518		\$37,302		\$58,626		\$39,749		\$47,731		\$61,141
25-2041	Special Education Teachers, Preschool, Kindergarten,	410		\$45,226		\$33,331		\$51,173		\$37,134		\$44,517		\$53,574
25-2053	Special Education Teachers, Middle School	220		\$51,397		\$36,257		\$58,967		\$38,485		\$47,367		\$61,057
25-2054	Special Education Teachers, Secondary School	310		\$52,674		\$37,420		\$60,302		\$39,791		\$48,509		\$64,255
25-3011	Adult Literacy, Remedial Education, and GED Teacher	120	\$21.71	\$45,161	\$15.79	\$32,834	\$24.67	\$51,324	\$18.81	\$39,116	\$21.72	\$45,178	\$26.06	\$54,205
25-3021	Self-Enrichment Education Teachers	550	\$21.25	\$44,202	\$11.26	\$23,428	\$26.24	\$54,589	\$13.78	\$28,658	\$17.67	\$36,752	\$31.29	\$65,075
25-3999	All Other Teachers, Primary, Secondary, and Adult	2,030		\$22,567		\$16,995		\$25,353		\$18,328		\$21,013		\$23,219
25-4021	Librarians	300	\$24.86	\$51,715	\$17.98	\$37,400	\$28.30	\$58,872	\$20.13	\$41,873	\$23.60	\$49,083	\$29.40	\$61,144
25-4031	Library Technicians	270	\$14.17	\$29,483	\$9.46	\$19,687	\$16.53	\$34,382	\$10.69	\$22,227	\$13.47	\$28,026	\$17.74	\$36,909
25-9031	Instructional Coordinators	310	\$26.99	\$56,140	\$16.11	\$33,502	\$32.43	\$67,459	\$19.31	\$40,155	\$27.16	\$56,496	\$34.57	\$71,897
25-9041	Teacher Assistants	2,670		\$24,136		\$16,913		\$27,747		\$18,226		\$22,315		\$28,463
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occu</b>	<b>2,950</b>	<b>\$20.07</b>	<b>\$41,741</b>	<b>\$11.18</b>	<b>\$23,247</b>	<b>\$24.51</b>	<b>\$50,987</b>	<b>\$13.22</b>	<b>\$27,505</b>	<b>\$17.57</b>	<b>\$36,547</b>	<b>\$23.69</b>	<b>\$49,267</b>
27-1011	Art Directors	30	\$33.15	\$68,950	\$21.04	\$43,755	\$39.21	\$81,547	\$23.70	\$49,306	\$28.75	\$59,793	\$47.17	\$98,120
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrat	20	\$22.95	\$47,731	\$16.41	\$34,132	\$26.22	\$54,530	\$17.14	\$35,661	\$20.63	\$42,908	\$28.57	\$59,435
27-1014	Multi-Media Artists and Animators	20	\$25.56	\$53,161	\$17.63	\$36,673	\$29.52	\$61,405	\$18.69	\$38,871	\$24.04	\$49,994	\$28.04	\$58,320
27-1021	Commercial and Industrial Designers	100	\$30.92	\$64,310	\$26.41	\$54,927	\$33.17	\$69,001	\$30.02	\$62,435	\$32.44	\$67,480	\$34.87	\$72,525
27-1023	Floral Designers		\$10.37	\$21,576	\$8.28	\$17,232	\$11.42	\$23,748	\$8.60	\$17,878	\$9.83	\$20,447	\$12.23	\$25,439
27-1024	Graphic Designers	390	\$20.13	\$41,876	\$13.58	\$28,237	\$23.41	\$48,695	\$14.96	\$31,109	\$18.02	\$37,492	\$23.45	\$48,768
27-1025	Interior Designers	110	\$20.08	\$41,776	\$14.38	\$29,914	\$22.94	\$47,706	\$15.77	\$32,796	\$18.59	\$38,667	\$21.96	\$45,673
27-1026	Merchandise Displayers and Window Trimmers	50	\$12.96	\$26,963	\$9.70	\$20,181	\$14.59	\$30,354	\$10.31	\$21,452	\$11.79	\$24,526	\$13.95	\$29,010
27-2012	Producers and Directors	260	\$21.88	\$45,507	\$13.19	\$27,437	\$26.22	\$54,541	\$15.29	\$31,803	\$19.03	\$39,583	\$23.13	\$48,100
27-2022	Coaches and Scouts	220		\$41,765		\$22,432		\$51,431		\$27,602		\$34,837		\$47,334
27-2032	Choreographers		\$24.28	\$50,498	\$19.72	\$41,028	\$26.55	\$55,233	\$24.32	\$50,575	\$26.17	\$54,423	\$28.01	\$58,271
27-2041	Music Directors and Composers	40	\$19.10	\$39,728	\$14.20	\$29,541	\$21.55	\$44,821	\$15.90	\$33,081	\$18.73	\$38,954	\$21.88	\$45,503
27-3011	Radio and Television Announcers	50	\$17.11	\$35,597	\$10.20	\$21,215	\$20.57	\$42,788	\$11.29	\$23,483	\$17.14	\$35,643	\$21.29	\$44,287
27-3022	Reporters and Correspondents	130	\$25.86	\$53,799	\$14.38	\$29,918	\$31.61	\$65,739	\$17.29	\$35,965	\$21.26	\$44,230	\$27.16	\$56,495
27-3031	Public Relations Specialists	290	\$23.21	\$48,287	\$14.36	\$29,875	\$27.64	\$57,493	\$16.70	\$34,733	\$21.97	\$45,698	\$28.46	\$59,193
27-3041	Editors	190	\$22.45	\$46,706	\$12.85	\$26,722	\$27.26	\$56,697	\$14.78	\$30,745	\$17.63	\$36,673	\$23.28	\$48,414
27-3042	Technical Writers	160	\$20.48	\$42,590	\$13.79	\$28,692	\$23.82	\$49,540	\$14.59	\$30,351	\$19.96	\$41,510	\$25.76	\$53,574
27-3043	Writers and Authors	90	\$14.75	\$30,680	\$7.92	\$16,467	\$18.17	\$37,787	\$8.55	\$17,775	\$11.72	\$24,369	\$16.85	\$35,053
27-3091	Interpreters and Translators	30	\$18.79	\$39,088	\$11.03	\$22,946	\$22.67	\$47,159	\$12.27	\$25,521	\$14.18	\$29,498	\$17.35	\$36,082
27-3099	Media and Communication Workers, All Other	10	\$23.11	\$48,060	\$12.03	\$25,032	\$28.64	\$59,574	\$11.79	\$24,533	\$19.02	\$39,566	\$37.33	\$77,641
27-4011	Audio and Video Equipment Technicians	120	\$16.74	\$34,814	\$10.58	\$22,006	\$19.82	\$41,218	\$12.14	\$25,259	\$16.22	\$33,729	\$18.62	\$38,721
27-4012	Broadcast Technicians	80	\$14.52	\$30,193	\$11.05	\$22,992	\$16.25	\$33,794	\$11.75	\$24,450	\$13.74	\$28,579	\$17.31	\$36,003
27-4014	Sound Engineering Technicians	30	\$21.01	\$43,702	\$15.23	\$31,675	\$23.90	\$49,716	\$15.83	\$32,930	\$18.14	\$37,735	\$24.81	\$51,602
27-4021	Photographers	170	\$13.60	\$28,287	\$9.17	\$19,067	\$15.82	\$32,897	\$10.04	\$20,887	\$12.60	\$26,211	\$16.82	\$34,990

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median	Median	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
27-4031	Camera Operators, Television, Video, and Motion Pict	70	\$14.15	\$29,436	\$10.14	\$21,086	\$16.16	\$33,611	\$11.17	\$23,241	\$13.61	\$28,317	\$16.64	\$34,609
27-4032	Film and Video Editors	60	\$20.20	\$42,022	\$11.79	\$24,515	\$24.41	\$50,776	\$13.16	\$27,375	\$17.47	\$36,343	\$25.72	\$53,491
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupation</b>	<b>20,670</b>	<b>\$31.24</b>	<b>\$64,984</b>	<b>\$14.31</b>	<b>\$29,756</b>	<b>\$39.71</b>	<b>\$82,598</b>	<b>\$16.97</b>	<b>\$35,295</b>	<b>\$23.45</b>	<b>\$48,785</b>	<b>\$33.51</b>	<b>\$69,708</b>
29-1011	Chiropractors	100												
29-1021	Dentists, General	250	\$93.86	\$195,231	\$65.84	\$136,942	\$107.87	\$224,375	\$74.76	\$155,509	\$87.04	\$181,044		
29-1023	Orthodontists		\$99.92	\$207,837	\$55.59	\$115,629	\$122.09	\$253,941	\$65.43	\$136,102				
29-1031	Dietitians and Nutritionists	170	\$22.59	\$46,982	\$18.03	\$37,507	\$24.87	\$51,720	\$19.77	\$41,120	\$22.10	\$45,960	\$26.11	\$54,315
29-1041	Optometrists	90	\$51.62	\$107,379	\$32.25	\$67,077	\$61.31	\$127,530	\$34.92	\$72,643	\$45.42	\$94,482	\$62.42	\$129,842
29-1051	Pharmacists	730	\$52.60	\$109,409	\$46.59	\$96,906	\$55.61	\$115,661	\$48.38	\$100,632	\$52.28	\$108,745	\$56.29	\$117,084
29-1062	Family and General Practitioners	590	\$103.73	\$215,754					\$73.90	\$153,711				
29-1063	Internists, General	100	\$113.09	\$235,233										
29-1064	Obstetricians and Gynecologists	40	\$118.58	\$246,636										
29-1065	Pediatricians, General	70	\$97.24	\$202,267	\$62.57	\$130,147	\$114.58	\$238,326	\$69.69	\$144,952				
29-1066	Psychiatrists	40	\$71.99	\$149,736	\$36.69	\$76,306	\$89.64	\$186,451	\$44.17	\$91,874	\$75.04	\$156,080	\$89.16	\$185,458
29-1067	Surgeons	160	\$90.94	\$189,159	\$57.08	\$118,720	\$107.87	\$224,379	\$76.66	\$159,452	\$87.54	\$182,088		
29-1069	Physicians and Surgeons, All Other	430	\$77.69	\$161,588	\$25.39	\$52,821	\$103.83	\$215,971	\$31.70	\$65,933	\$81.33	\$169,176		
29-1071	Physician Assistants	420	\$42.66	\$88,728	\$25.06	\$52,115	\$51.46	\$107,034	\$34.78	\$72,342	\$43.73	\$90,953	\$55.24	\$114,898
29-1111	Registered Nurses	6,930	\$26.54	\$55,196	\$18.52	\$38,523	\$30.54	\$63,533	\$21.29	\$44,276	\$25.66	\$53,367	\$30.86	\$64,183
29-1122	Occupational Therapists	160	\$32.81	\$68,235	\$21.43	\$44,581	\$38.49	\$80,062	\$25.44	\$52,911	\$33.91	\$70,527	\$40.98	\$85,238
29-1123	Physical Therapists	520	\$35.04	\$72,878	\$23.67	\$49,234	\$40.72	\$84,700	\$29.85	\$62,088	\$35.63	\$74,119	\$42.41	\$88,204
29-1124	Radiation Therapists	110	\$50.42	\$104,866	\$29.56	\$61,486	\$60.84	\$126,556	\$32.69	\$67,999	\$41.16	\$85,620	\$53.31	\$110,886
29-1125	Recreational Therapists	30	\$20.66	\$42,983	\$15.25	\$31,719	\$23.37	\$48,615	\$17.42	\$36,242	\$20.74	\$43,132	\$23.15	\$48,161
29-1126	Respiratory Therapists	330	\$23.65	\$49,198	\$20.13	\$41,877	\$25.41	\$52,859	\$20.64	\$42,924	\$23.19	\$48,228	\$26.74	\$55,614
29-1127	Speech-Language Pathologists	310	\$30.23	\$62,868	\$18.72	\$38,935	\$35.98	\$74,835	\$20.47	\$42,568	\$27.27	\$56,722	\$39.64	\$82,461
29-1131	Veterinarians	150												
29-1181	Audiologists		\$36.14	\$75,174	\$18.28	\$38,033	\$45.07	\$93,745	\$21.55	\$44,820	\$27.76	\$57,737	\$46.18	\$96,051
29-2011	Medical and Clinical Laboratory Technologists	460	\$24.10	\$50,122	\$16.75	\$34,846	\$27.77	\$57,760	\$19.32	\$40,176	\$24.50	\$50,963	\$28.40	\$59,076
29-2012	Medical and Clinical Laboratory Technicians	540	\$19.11	\$39,749	\$12.80	\$26,615	\$22.27	\$46,316	\$14.31	\$29,767	\$17.61	\$36,630	\$23.00	\$47,845
29-2021	Dental Hygienists	430	\$32.86	\$68,347	\$25.39	\$52,820	\$36.59	\$76,110	\$30.36	\$63,155	\$33.96	\$70,639	\$38.85	\$80,798
29-2031	Cardiovascular Technologists and Technicians	190	\$19.59	\$40,757	\$11.52	\$23,954	\$23.63	\$49,159	\$12.54	\$26,082	\$18.84	\$39,196	\$25.72	\$53,504
29-2032	Diagnostic Medical Sonographers	170	\$24.48	\$50,915	\$14.44	\$30,038	\$29.50	\$61,354	\$16.18	\$33,653	\$25.44	\$52,925	\$31.62	\$65,763
29-2033	Nuclear Medicine Technologists	70	\$32.58	\$67,766	\$26.65	\$55,442	\$35.54	\$73,928	\$28.95	\$60,223	\$33.01	\$68,652	\$36.76	\$76,456
29-2037	Radiologic Technologists and Technicians*	690	\$24.00	\$49,912	\$18.19	\$37,838	\$26.90	\$55,949	\$19.77	\$41,119	\$23.32	\$48,515	\$28.08	\$58,396
29-2041	Emergency Medical Technicians and Paramedics	460	\$16.42	\$34,146	\$10.57	\$21,979	\$19.34	\$40,230	\$12.16	\$25,285	\$15.59	\$32,433	\$20.86	\$43,384
29-2051	Dietetic Technicians	70	\$12.58	\$26,160	\$9.47	\$19,700	\$14.13	\$29,390	\$9.97	\$20,736	\$11.27	\$23,444	\$13.91	\$28,940
29-2052	Pharmacy Technicians	1,010	\$12.23	\$25,440	\$9.55	\$19,864	\$13.57	\$28,228	\$10.12	\$21,054	\$11.70	\$24,339	\$13.84	\$28,779
29-2053	Psychiatric Technicians	70	\$12.00	\$24,956	\$10.42	\$21,674	\$12.79	\$26,597	\$10.38	\$21,583	\$11.34	\$23,577	\$13.13	\$27,317
29-2054	Respiratory Therapy Technicians	100	\$20.09	\$41,791	\$15.93	\$33,141	\$22.17	\$46,116	\$17.29	\$35,958	\$19.93	\$41,461	\$22.50	\$46,803
29-2055	Surgical Technologists	590	\$16.96	\$35,286	\$12.01	\$24,988	\$19.44	\$40,435	\$13.25	\$27,564	\$16.15	\$33,594	\$19.42	\$40,402
29-2056	Veterinary Technologists and Technicians		\$11.79	\$24,524	\$9.53	\$19,823	\$12.92	\$26,874	\$10.14	\$21,090	\$11.52	\$23,965	\$13.48	\$28,028
29-2061	Licensed Practical and Licensed Vocational Nurses	2,200	\$17.74	\$36,893	\$15.39	\$32,007	\$18.91	\$39,336	\$15.74	\$32,741	\$17.43	\$36,254	\$19.77	\$41,118

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
29-2071	Medical Records and Health Information Technicians	880	\$15.34	\$31,897	\$11.31	\$23,528	\$17.35	\$36,082	\$12.00	\$24,954	\$14.00	\$29,111	\$17.59	\$36,589
29-2081	Opticians, Dispensing	180	\$11.54	\$23,998	\$8.46	\$17,591	\$13.08	\$27,202	\$8.99	\$18,701	\$11.03	\$22,940	\$13.72	\$28,536
29-2091	Orthotists and Prosthetists		\$35.60	\$74,039	\$25.46	\$52,959	\$40.66	\$84,579	\$26.68	\$55,494	\$38.59	\$80,261	\$43.39	\$90,243
29-2799	Health Technologists and Technicians, All Other*	120	\$14.99	\$31,174	\$11.03	\$22,953	\$16.96	\$35,285	\$11.85	\$24,656	\$14.13	\$29,387	\$17.85	\$37,133
29-9011	Occupational Health and Safety Specialists	140	\$33.85	\$70,416	\$23.48	\$48,833	\$39.04	\$81,208	\$27.23	\$56,633	\$32.69	\$67,993	\$40.04	\$83,274
29-9012	Occupational Health and Safety Technicians	20	\$22.51	\$46,825	\$16.35	\$34,003	\$25.59	\$53,235	\$17.29	\$35,967	\$20.71	\$43,072	\$26.97	\$56,101
29-9091	Athletic Trainers	70		\$35,573		\$21,340		\$42,690		\$25,982		\$34,873		\$41,142
29-9799	Healthcare Practitioners and Technical Workers, All Ot	60	\$15.17	\$31,545	\$10.90	\$22,667	\$17.30	\$35,984	\$11.43	\$23,767	\$13.55	\$28,183	\$17.38	\$36,147
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>11,540</b>	<b>\$11.68</b>	<b>\$24,301</b>	<b>\$8.44</b>	<b>\$17,564</b>	<b>\$13.30</b>	<b>\$27,670</b>	<b>\$9.15</b>	<b>\$19,037</b>	<b>\$10.79</b>	<b>\$22,437</b>	<b>\$13.37</b>	<b>\$27,806</b>
31-1011	Home Health Aides	2,800	\$9.35	\$19,443	\$8.02	\$16,681	\$10.01	\$20,823	\$8.23	\$17,122	\$9.15	\$19,041	\$10.58	\$22,001
31-1012	Nursing Aides, Orderlies, and Attendants	4,440	\$10.63	\$22,112	\$8.56	\$17,801	\$11.67	\$24,267	\$9.27	\$19,276	\$10.49	\$21,817	\$11.87	\$24,686
31-1013	Psychiatric Aides	210	\$9.64	\$20,052	\$8.41	\$17,488	\$10.26	\$21,333	\$8.37	\$17,415	\$9.37	\$19,495	\$10.77	\$22,411
31-2011	Occupational Therapist Assistants	200	\$17.75	\$36,929	\$8.08	\$16,805	\$22.59	\$46,991	\$8.60	\$17,888	\$16.68	\$34,694	\$26.54	\$55,213
31-2021	Physical Therapist Assistants	270	\$23.27	\$48,404	\$17.82	\$37,073	\$26.00	\$54,070	\$19.87	\$41,322	\$23.32	\$48,497	\$27.29	\$56,757
31-2022	Physical Therapist Aides	90	\$12.21	\$25,391	\$8.11	\$16,870	\$14.26	\$29,652	\$8.69	\$18,078	\$10.49	\$21,823	\$15.75	\$32,750
31-9011	Massage Therapists		\$10.47	\$21,769	\$7.98	\$16,605	\$11.71	\$24,352	\$8.08	\$16,799	\$8.84	\$18,392	\$13.40	\$27,879
31-9091	Dental Assistants	820	\$15.70	\$32,654	\$12.02	\$25,011	\$17.54	\$36,475	\$13.17	\$27,396	\$15.85	\$32,973	\$17.89	\$37,212
31-9092	Medical Assistants	1,330	\$13.82	\$28,742	\$10.42	\$21,669	\$15.52	\$32,278	\$11.26	\$23,427	\$13.54	\$28,159	\$16.25	\$33,810
31-9093	Medical Equipment Preparers	110	\$13.92	\$28,962	\$10.51	\$21,871	\$15.63	\$32,508	\$11.10	\$23,089	\$13.32	\$27,705	\$16.44	\$34,194
31-9094	Medical Transcriptionists	330	\$13.58	\$28,237	\$11.15	\$23,197	\$14.79	\$30,757	\$11.98	\$24,926	\$13.47	\$28,008	\$15.01	\$31,219
31-9095	Pharmacy Aides		\$8.75	\$18,192	\$8.21	\$17,078	\$9.01	\$18,748	\$7.97	\$16,581	\$8.60	\$17,895	\$9.24	\$19,209
31-9096	Veterinary Assistants and Laboratory Animal Caretake	360	\$12.01	\$24,982	\$9.24	\$19,223	\$13.39	\$27,861	\$9.79	\$20,370	\$11.43	\$23,771	\$14.27	\$29,689
31-9799	Healthcare Support Workers, All Other*	410	\$12.95	\$26,945	\$10.23	\$21,276	\$14.32	\$29,779	\$10.75	\$22,363	\$12.47	\$25,930	\$14.39	\$29,940
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>6,370</b>	<b>\$17.41</b>	<b>\$36,219</b>	<b>\$9.12</b>	<b>\$18,964</b>	<b>\$21.56</b>	<b>\$44,847</b>	<b>\$10.22</b>	<b>\$21,258</b>	<b>\$14.34</b>	<b>\$29,823</b>	<b>\$21.52</b>	<b>\$44,766</b>
33-1011	First-Line Supervisors/Managers of Correctional Office	40												
33-1012	First-Line Supervisors/Managers of Police and Detectives		\$29.95	\$62,297	\$20.69	\$43,025	\$34.58	\$71,933	\$22.03	\$45,827	\$26.62	\$55,373	\$35.62	\$74,094
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Worke		\$33.57	\$69,820	\$27.13	\$56,425	\$36.79	\$76,517	\$30.57	\$63,592	\$34.12	\$70,969	\$38.19	\$79,432
33-1099	First-Line Supervisors/Managers, Protective Service W	100	\$17.82	\$37,057	\$10.68	\$22,215	\$21.38	\$44,478	\$12.09	\$25,142	\$15.65	\$32,542	\$21.82	\$45,382
33-2011	Fire Fighters	430	\$14.78	\$30,749	\$9.20	\$19,140	\$17.57	\$36,554	\$10.24	\$21,297	\$13.75	\$28,605	\$18.26	\$37,988
33-3012	Correctional Officers and Jailers	560	\$12.62	\$26,255	\$10.62	\$22,089	\$13.62	\$28,337	\$11.19	\$23,272	\$12.62	\$26,259	\$14.02	\$29,160
33-3021	Detectives and Criminal Investigators	270	\$32.78	\$68,192	\$16.30	\$33,903	\$41.03	\$85,336	\$18.19	\$37,836	\$37.15	\$77,278	\$43.98	\$91,488
33-3051	Police and Sheriff's Patrol Officers	880	\$18.69	\$38,869	\$14.58	\$30,336	\$20.74	\$43,135	\$15.88	\$33,041	\$18.02	\$37,479	\$21.54	\$44,801
33-9011	Animal Control Workers	60	\$12.77	\$26,552	\$8.71	\$18,113	\$14.79	\$30,772	\$9.29	\$19,329	\$11.99	\$24,938	\$15.11	\$31,419
33-9021	Private Detectives and Investigators	30	\$21.91	\$45,571	\$17.51	\$36,421	\$24.11	\$50,146	\$18.42	\$38,309	\$20.90	\$43,469	\$23.96	\$49,837
33-9032	Security Guards	2,310	\$12.32	\$25,618	\$8.08	\$16,801	\$14.44	\$30,026	\$8.86	\$18,431	\$10.81	\$22,478	\$14.04	\$29,207
33-9091	Crossing Guards		\$13.40	\$27,871	\$9.96	\$20,722	\$15.12	\$31,445	\$10.63	\$22,115	\$13.00	\$27,040	\$16.64	\$34,614
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protecti	330	\$8.67	\$18,039	\$8.24	\$17,147	\$8.89	\$18,485	\$7.94	\$16,506	\$8.51	\$17,698	\$9.08	\$18,891
<b>35-0000</b>	<b>Food Preparation and Serving-Related Occupation:</b>	<b>29,240</b>	<b>\$9.46</b>	<b>\$19,683</b>	<b>\$8.14</b>	<b>\$16,938</b>	<b>\$10.12</b>	<b>\$21,056</b>	<b>\$8.10</b>	<b>\$16,851</b>	<b>\$8.86</b>	<b>\$18,429</b>	<b>\$10.19</b>	<b>\$21,199</b>
35-1011	Chefs and Head Cooks	180	\$16.00	\$33,282	\$10.02	\$20,846	\$18.99	\$39,501	\$12.20	\$25,382	\$15.91	\$33,088	\$19.76	\$41,111
35-1012	First-Line Supervisors/Managers of Food Preparation &	2,150	\$14.44	\$30,026	\$10.13	\$21,061	\$16.59	\$34,509	\$11.41	\$23,729	\$13.89	\$28,888	\$17.49	\$36,370
35-2011	Cooks, Fast Food	2,060	\$9.01	\$18,744	\$8.11	\$16,861	\$9.46	\$19,685	\$8.05	\$16,740	\$8.75	\$18,210	\$9.73	\$20,237

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
35-2012	Cooks, Institution and Cafeteria	1,560	\$10.54	\$21,918	\$8.18	\$17,018	\$11.72	\$24,368	\$8.89	\$18,484	\$10.23	\$21,286	\$11.49	\$23,895
35-2014	Cooks, Restaurant	2,520	\$10.53	\$21,910	\$8.08	\$16,801	\$11.76	\$24,465	\$8.74	\$18,178	\$10.28	\$21,375	\$11.85	\$24,641
35-2015	Cooks, Short Order		\$10.12	\$21,046	\$8.53	\$17,746	\$10.91	\$22,696	\$9.20	\$19,137	\$10.28	\$21,375	\$11.17	\$23,242
35-2021	Food Preparation Workers	1,460	\$9.09	\$18,898	\$8.19	\$17,039	\$9.53	\$19,827	\$8.05	\$16,745	\$8.75	\$18,200	\$9.52	\$19,805
35-3011	Bartenders	640	\$9.13	\$18,987	\$8.16	\$16,980	\$9.61	\$19,990	\$8.02	\$16,677	\$8.70	\$18,091	\$9.42	\$19,587
35-3021	Combined Food Preparation and Serving Workers, Inc	6,670	\$8.82	\$18,349	\$8.13	\$16,915	\$9.17	\$19,066	\$8.05	\$16,743	\$8.76	\$18,228	\$9.64	\$20,050
35-3022	Counter Attendants, Cafeteria, Food Concession, and	1,860	\$8.38	\$17,429	\$8.21	\$17,084	\$8.46	\$17,601	\$7.90	\$16,441	\$8.45	\$17,566	\$8.99	\$18,692
35-3031	Waiters and Waitresses	6,680	\$8.60	\$17,892	\$8.17	\$16,994	\$8.82	\$18,341	\$7.95	\$16,532	\$8.55	\$17,776	\$9.14	\$19,020
35-3041	Food Servers, Nonrestaurant	490	\$8.98	\$18,686	\$7.98	\$16,594	\$9.49	\$19,733	\$8.00	\$16,648	\$8.72	\$18,128	\$9.68	\$20,144
35-9011	Dining Room and Cafeteria Attendants and Bartender I	900	\$8.43	\$17,541	\$8.06	\$16,756	\$8.62	\$17,933	\$7.90	\$16,429	\$8.46	\$17,587	\$9.01	\$18,745
35-9021	Dishwashers	990	\$8.63	\$17,952	\$8.14	\$16,933	\$8.88	\$18,461	\$7.99	\$16,613	\$8.63	\$17,943	\$9.27	\$19,277
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee	830	\$8.62	\$17,936	\$8.13	\$16,912	\$8.87	\$18,448	\$7.98	\$16,602	\$8.61	\$17,913	\$9.24	\$19,225
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance C</b>	<b>9,990</b>	<b>\$10.88</b>	<b>\$22,620</b>	<b>\$8.13</b>	<b>\$16,912</b>	<b>\$12.25</b>	<b>\$25,475</b>	<b>\$8.47</b>	<b>\$17,622</b>	<b>\$9.72</b>	<b>\$20,214</b>	<b>\$11.88</b>	<b>\$24,701</b>
37-1011	First-Line Supervisors/Managers of Housekeeping and	500	\$14.16	\$29,461	\$9.09	\$18,910	\$16.70	\$34,737	\$10.18	\$21,174	\$12.96	\$26,965	\$16.64	\$34,603
37-1012	First-Line Supervisors/Managers of Landscaping, Lawr	230	\$22.71	\$47,229	\$12.47	\$25,944	\$27.82	\$57,871	\$13.94	\$28,991	\$22.60	\$47,002	\$31.23	\$64,961
37-2011	Janitors and Cleaners, Except Maids and Housekeepir	4,970	\$10.32	\$21,461	\$8.14	\$16,929	\$11.41	\$23,727	\$8.45	\$17,576	\$9.61	\$19,981	\$11.50	\$23,929
37-2012	Maids and Housekeeping Cleaners	1,910	\$9.02	\$18,768	\$8.14	\$16,921	\$9.47	\$19,691	\$8.08	\$16,813	\$8.83	\$18,371	\$9.83	\$20,453
37-2021	Pest Control Workers	250	\$13.51	\$28,093	\$9.12	\$18,973	\$15.70	\$32,653	\$9.86	\$20,519	\$11.59	\$24,115	\$16.44	\$34,196
37-3011	Landscaping and Groundskeeping Workers	1,920	\$11.46	\$23,842	\$8.11	\$16,859	\$13.14	\$27,333	\$8.76	\$18,230	\$10.44	\$21,705	\$13.17	\$27,395
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation		\$8.60	\$17,887	\$8.05	\$16,741	\$8.87	\$18,460	\$7.94	\$16,518	\$8.54	\$17,758	\$9.13	\$18,999
37-3019	Grounds Maintenance Workers, All Other		\$16.18	\$33,644	\$11.50	\$23,929	\$18.51	\$38,502	\$13.50	\$28,087	\$16.06	\$33,410	\$17.80	\$37,030
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>6,610</b>	<b>\$11.26</b>	<b>\$23,411</b>	<b>\$8.10</b>	<b>\$16,851</b>	<b>\$12.83</b>	<b>\$26,691</b>	<b>\$8.39</b>	<b>\$17,445</b>	<b>\$9.53</b>	<b>\$19,829</b>	<b>\$12.66</b>	<b>\$26,333</b>
39-1021	First-Line Supervisors/Managers of Personal Service V	230	\$15.47	\$32,168	\$10.95	\$22,785	\$17.72	\$36,860	\$12.04	\$25,042	\$13.93	\$28,976	\$17.22	\$35,807
39-2011	Animal Trainers	20	\$10.97	\$22,818	\$7.92	\$16,465	\$12.50	\$25,994	\$8.58	\$17,837	\$10.33	\$21,482	\$13.46	\$28,002
39-2021	Nonfarm Animal Caretakers	270	\$9.34	\$19,437	\$8.08	\$16,802	\$9.98	\$20,755	\$8.20	\$17,051	\$9.09	\$18,904	\$10.48	\$21,797
39-3021	Motion Picture Projectionists	30	\$10.06	\$20,920	\$8.76	\$18,217	\$10.71	\$22,272	\$9.36	\$19,472	\$10.19	\$21,197	\$11.02	\$22,929
39-3031	Ushers, Lobby Attendants, and Ticket Takers	320	\$8.56	\$17,811	\$8.09	\$16,828	\$8.80	\$18,302	\$7.97	\$16,571	\$8.61	\$17,915	\$9.26	\$19,263
39-3091	Amusement and Recreation Attendants	160	\$9.36	\$19,464	\$8.14	\$16,925	\$9.97	\$20,734	\$8.09	\$16,828	\$8.85	\$18,404	\$10.11	\$21,039
39-3093	Locker Room, Coatroom, and Dressing Room Attenda	110	\$9.17	\$19,069	\$8.07	\$16,796	\$9.71	\$20,205	\$8.20	\$17,058	\$9.03	\$18,786	\$10.37	\$21,564
39-4011	Embalmers		\$18.47	\$38,412	\$14.08	\$29,279	\$20.66	\$42,979	\$14.90	\$30,995	\$17.48	\$36,354	\$22.51	\$46,825
39-4021	Funeral Attendants	40	\$9.11	\$18,954	\$8.23	\$17,124	\$9.55	\$19,869	\$8.05	\$16,737	\$8.75	\$18,200	\$9.47	\$19,707
39-4831	Funeral service managers, directors, morticians, and u	40	\$27.32	\$56,835	\$21.98	\$45,712	\$30.00	\$62,396	\$23.53	\$48,940	\$28.15	\$58,550	\$31.99	\$66,545
39-5012	Hairdressers, Hairstylists, and Cosmetologists	550	\$10.98	\$22,843	\$8.02	\$16,685	\$12.46	\$25,921	\$8.63	\$17,951	\$10.50	\$21,836	\$13.04	\$27,118
39-5094	Skin Care Specialists		\$11.14	\$23,171	\$7.90	\$16,426	\$12.76	\$26,544	\$8.08	\$16,800	\$8.90	\$18,519	\$11.42	\$23,755
39-6011	Baggage Porters and Bellhops	90	\$8.49	\$17,653	\$8.15	\$16,949	\$8.66	\$18,005	\$7.91	\$16,448	\$8.47	\$17,624	\$9.04	\$18,800
39-6012	Concierges		\$12.75	\$26,520	\$8.62	\$17,921	\$14.82	\$30,820	\$9.27	\$19,275	\$11.67	\$24,269	\$16.35	\$34,001
39-9011	Child Care Workers	1,210	\$9.27	\$19,274	\$8.17	\$17,003	\$9.81	\$20,409	\$8.10	\$16,851	\$8.86	\$18,420	\$10.01	\$20,822
39-9021	Personal and Home Care Aides	1,380	\$9.17	\$19,063	\$8.03	\$16,694	\$9.73	\$20,248	\$8.10	\$16,849	\$8.88	\$18,480	\$10.17	\$21,147
39-9031	Fitness Trainers and Aerobics Instructors	620	\$17.05	\$35,465	\$10.07	\$20,955	\$20.54	\$42,720	\$12.60	\$26,203	\$17.78	\$36,976	\$21.28	\$44,267
39-9032	Recreation Workers	380	\$11.92	\$24,787	\$8.64	\$17,974	\$13.55	\$28,193	\$9.32	\$19,381	\$10.90	\$22,666	\$13.44	\$27,951
39-9041	Residential Advisors	160	\$11.84	\$24,622	\$9.42	\$19,601	\$13.04	\$27,132	\$9.95	\$20,697	\$11.13	\$23,146	\$12.97	\$26,978

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>39,490</b>	<b>\$16.65</b>	<b>\$34,628</b>	<b>\$8.22</b>	<b>\$17,099</b>	<b>\$20.86</b>	<b>\$43,393</b>	<b>\$8.94</b>	<b>\$18,594</b>	<b>\$11.59</b>	<b>\$24,098</b>	<b>\$19.04</b>	<b>\$39,596</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Work	4,060	\$16.38	\$34,068	\$10.40	\$21,636	\$19.37	\$40,285	\$11.48	\$23,878	\$14.53	\$30,219	\$18.69	\$38,865
41-1012	First-Line Supervisors/Managers of Non-Retail Sales V	600	\$26.36	\$54,823	\$15.03	\$31,267	\$32.02	\$66,601	\$17.13	\$35,632	\$23.99	\$49,904	\$33.72	\$70,147
41-2011	Cashiers	8,530	\$9.03	\$18,791	\$8.15	\$16,954	\$9.48	\$19,709	\$8.09	\$16,820	\$8.78	\$18,260	\$9.60	\$19,958
41-2021	Counter and Rental Clerks	1,000	\$12.43	\$25,863	\$8.17	\$16,987	\$14.57	\$30,301	\$8.59	\$17,861	\$10.22	\$21,261	\$13.39	\$27,842
41-2022	Parts Salespersons	740	\$13.78	\$28,666	\$8.25	\$17,169	\$16.55	\$34,414	\$8.93	\$18,580	\$11.83	\$24,609	\$17.66	\$36,727
41-2031	Retail Salespersons	10,960	\$12.21	\$25,403	\$8.18	\$17,008	\$14.23	\$29,600	\$8.61	\$17,901	\$10.18	\$21,181	\$13.85	\$28,814
41-3011	Advertising Sales Agents	350	\$21.42	\$44,556	\$11.64	\$24,208	\$26.31	\$54,730	\$12.96	\$26,957	\$16.48	\$34,269	\$26.20	\$54,506
41-3021	Insurance Sales Agents	1,010	\$25.61	\$53,264	\$13.82	\$28,750	\$31.50	\$65,522	\$15.15	\$31,506	\$18.73	\$38,949	\$29.22	\$60,768
41-3031	Securities, Commodities, and Financial Services Sales	670	\$36.77	\$76,490	\$15.21	\$31,638	\$47.56	\$98,916	\$17.30	\$35,991	\$28.06	\$58,371	\$52.36	\$108,910
41-3041	Travel Agents	190	\$12.63	\$26,280	\$9.92	\$20,644	\$13.99	\$29,099	\$10.47	\$21,768	\$12.04	\$25,047	\$14.98	\$31,150
41-3099	Sales Representatives, Services, All Other	1,010	\$21.99	\$45,738	\$11.63	\$24,184	\$27.17	\$56,515	\$13.91	\$28,942	\$19.99	\$41,577	\$26.03	\$54,150
41-4011	Sales Representatives, Wholesale and Manufacturing,	1,400	\$40.98	\$85,241	\$19.77	\$41,116	\$51.59	\$107,303	\$22.90	\$47,636	\$32.19	\$66,958	\$45.01	\$93,625
41-4012	Sales Representatives, Wholesale and Manufacturing,	5,000	\$27.68	\$57,580	\$15.06	\$31,325	\$33.99	\$70,707	\$17.63	\$36,671	\$24.21	\$50,365	\$34.17	\$71,082
41-9011	Demonstrators and Product Promoters	50	\$13.75	\$28,599	\$9.76	\$20,303	\$15.74	\$32,747	\$10.27	\$21,354	\$11.67	\$24,273	\$16.05	\$33,384
41-9021	Real Estate Brokers	210												
41-9022	Real Estate Sales Agents	780	\$25.84	\$53,753	\$10.87	\$22,618	\$33.33	\$69,320	\$12.03	\$25,023	\$18.76	\$39,025	\$39.90	\$82,982
41-9031	Sales Engineers	100	\$38.10	\$79,243	\$26.69	\$55,508	\$43.80	\$91,111	\$29.91	\$62,216	\$37.41	\$77,810	\$46.18	\$96,059
41-9041	Telemarketers	2,080	\$11.40	\$23,713	\$9.17	\$19,080	\$12.51	\$26,029	\$9.75	\$20,280	\$10.91	\$22,692	\$12.51	\$26,029
41-9799	Sales and Related Workers, All Other*	730	\$12.36	\$25,706	\$8.12	\$16,883	\$14.48	\$30,118	\$8.62	\$17,939	\$10.11	\$21,038	\$14.47	\$30,096
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>65,330</b>	<b>\$15.08</b>	<b>\$31,367</b>	<b>\$9.65</b>	<b>\$20,075</b>	<b>\$17.79</b>	<b>\$37,013</b>	<b>\$10.84</b>	<b>\$22,549</b>	<b>\$13.79</b>	<b>\$28,690</b>	<b>\$17.91</b>	<b>\$37,248</b>
43-1011	First-Line Supervisors/Managers of Office and Adminis	4,400	\$23.38	\$48,637	\$14.62	\$30,411	\$27.76	\$57,750	\$16.66	\$34,651	\$22.05	\$45,863	\$28.77	\$59,835
43-2011	Switchboard Operators, Including Answering Service	350	\$12.59	\$26,196	\$9.99	\$20,770	\$13.90	\$28,910	\$10.36	\$21,553	\$11.73	\$24,405	\$14.17	\$29,466
43-3011	Bill and Account Collectors	1,710	\$15.06	\$31,320	\$10.69	\$22,226	\$17.24	\$35,867	\$11.85	\$24,643	\$14.07	\$29,269	\$17.32	\$36,019
43-3021	Billing and Posting Clerks and Machine Operators	1,630	\$14.69	\$30,550	\$11.54	\$24,004	\$16.26	\$33,822	\$12.23	\$25,446	\$14.21	\$29,557	\$17.00	\$35,359
43-3031	Bookkeeping, Accounting, and Auditing Clerks	7,490	\$15.46	\$32,152	\$10.78	\$22,429	\$17.79	\$37,013	\$12.12	\$25,213	\$14.78	\$30,742	\$17.85	\$37,118
43-3051	Payroll and Timekeeping Clerks	660	\$17.15	\$35,671	\$12.94	\$26,917	\$19.25	\$40,048	\$14.15	\$29,435	\$16.75	\$34,830	\$19.82	\$41,233
43-3061	Procurement Clerks	230	\$17.77	\$36,957	\$13.63	\$28,357	\$19.83	\$41,257	\$14.74	\$30,650	\$17.45	\$36,297	\$20.64	\$42,933
43-3071	Tellers	1,720	\$10.79	\$22,440	\$8.59	\$17,877	\$11.88	\$24,721	\$9.29	\$19,332	\$10.63	\$22,111	\$11.90	\$24,758
43-4011	Brokerage Clerks	40	\$20.25	\$42,128	\$16.36	\$34,036	\$22.20	\$46,173	\$17.47	\$36,337	\$20.17	\$41,955	\$22.76	\$47,350
43-4031	Court, Municipal, and License Clerks	210	\$12.70	\$26,417	\$10.39	\$21,604	\$13.86	\$28,824	\$10.75	\$22,369	\$12.11	\$25,194	\$14.04	\$29,197
43-4041	Credit Authorizers, Checkers, and Clerks	120	\$16.33	\$33,970	\$12.13	\$25,232	\$18.43	\$38,339	\$13.21	\$27,468	\$15.81	\$32,882	\$19.32	\$40,194
43-4051	Customer Service Representatives	10,330	\$14.92	\$31,043	\$10.57	\$21,981	\$17.10	\$35,573	\$11.43	\$23,777	\$13.92	\$28,960	\$17.30	\$35,986
43-4061	Eligibility Interviewers, Government Programs	50	\$16.27	\$33,838	\$10.62	\$22,083	\$19.09	\$39,715	\$11.38	\$23,671	\$15.13	\$31,467	\$21.10	\$43,890
43-4071	File Clerks	530	\$12.13	\$25,236	\$9.57	\$19,914	\$13.41	\$27,897	\$10.09	\$20,992	\$11.52	\$23,964	\$13.69	\$28,481
43-4081	Hotel, Motel, and Resort Desk Clerks	560	\$9.93	\$20,662	\$8.17	\$16,988	\$10.82	\$22,499	\$8.35	\$17,376	\$9.35	\$19,443	\$11.11	\$23,102
43-4111	Interviewers, Except Eligibility and Loan	430	\$12.71	\$26,427	\$10.64	\$22,130	\$13.74	\$28,575	\$11.23	\$23,357	\$12.59	\$26,195	\$14.00	\$29,123
43-4121	Library Assistants, Clerical	250	\$10.42	\$21,665	\$8.12	\$16,898	\$11.56	\$24,048	\$8.43	\$17,544	\$9.58	\$19,932	\$12.36	\$25,719
43-4131	Loan Interviewers and Clerks	480	\$13.35	\$27,771	\$10.04	\$20,884	\$15.01	\$31,214	\$10.46	\$21,759	\$12.00	\$24,966	\$16.00	\$33,272
43-4141	New Accounts Clerks	260	\$16.63	\$34,587	\$13.18	\$27,409	\$18.35	\$38,176	\$13.75	\$28,597	\$15.96	\$33,194	\$18.33	\$38,134
43-4151	Order Clerks	570	\$12.86	\$26,741	\$8.85	\$18,406	\$14.86	\$30,909	\$9.58	\$19,921	\$12.28	\$25,546	\$14.72	\$30,609

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	470	\$17.08	\$35,535	\$12.07	\$25,105	\$19.59	\$40,750	\$13.38	\$27,835	\$16.25	\$33,800	\$19.43	\$40,412
43-4171	Receptionists and Information Clerks	2,610	\$11.53	\$23,987	\$8.22	\$17,104	\$13.19	\$27,429	\$8.98	\$18,685	\$10.98	\$22,847	\$13.68	\$28,455
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	\$19.51	\$40,579	\$13.58	\$28,256	\$22.47	\$46,740	\$15.90	\$33,081	\$20.44	\$42,523	\$22.97	\$47,768
43-4199	Information and Record Clerks, All Other	630	\$18.03	\$37,494	\$12.84	\$26,712	\$20.62	\$42,885	\$14.71	\$30,597	\$18.62	\$38,735	\$21.33	\$44,364
43-5011	Cargo and Freight Agents	190	\$21.83	\$45,399	\$14.78	\$30,751	\$25.35	\$52,724	\$16.87	\$35,100	\$23.13	\$48,108	\$26.87	\$55,882
43-5021	Couriers and Messengers	250	\$12.41	\$25,816	\$9.54	\$19,847	\$13.85	\$28,801	\$10.29	\$21,409	\$12.30	\$25,579	\$14.30	\$29,746
43-5031	Police, Fire, and Ambulance Dispatchers	190	\$13.21	\$27,475	\$9.68	\$20,133	\$14.97	\$31,146	\$10.70	\$22,264	\$12.95	\$26,944	\$14.87	\$30,936
43-5032	Dispatchers, Except Police, Fire, and Ambulance	320	\$16.36	\$34,030	\$11.24	\$23,377	\$18.92	\$39,356	\$12.26	\$25,497	\$15.70	\$32,663	\$18.59	\$38,667
43-5041	Meter Readers, Utilities	280	\$14.16	\$29,449	\$12.09	\$25,141	\$15.19	\$31,602	\$12.49	\$25,986	\$13.52	\$28,127	\$14.56	\$30,293
43-5051	Postal Service Clerks	130	\$25.61	\$53,267	\$24.97	\$51,929	\$25.93	\$53,936	\$25.52	\$53,087	\$25.53	\$53,097	\$26.09	\$54,258
43-5052	Postal Service Mail Carriers	830	\$24.79	\$51,572	\$20.86	\$43,397	\$26.76	\$55,660	\$21.67	\$45,072	\$26.69	\$55,516	\$26.70	\$55,531
43-5053	Postal Service Mail Sorters, Processors, and Processors	440	\$23.37	\$48,618	\$18.92	\$39,353	\$25.60	\$53,250	\$24.15	\$50,241	\$25.52	\$53,082	\$25.53	\$53,095
43-5061	Production, Planning, and Expediting Clerks	930	\$19.99	\$41,582	\$12.31	\$25,604	\$23.83	\$49,570	\$14.30	\$29,741	\$19.38	\$40,314	\$24.69	\$51,346
43-5071	Shipping, Receiving, and Traffic Clerks	2,060	\$14.07	\$29,266	\$10.07	\$20,952	\$16.07	\$33,423	\$11.12	\$23,131	\$13.45	\$27,978	\$16.44	\$34,189
43-5081	Stock Clerks and Order Fillers	4,500	\$11.42	\$23,750	\$8.11	\$16,858	\$13.08	\$27,196	\$8.55	\$17,785	\$10.06	\$20,932	\$13.21	\$27,487
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping		\$13.85	\$28,807	\$8.72	\$18,141	\$16.41	\$34,141	\$9.41	\$19,566	\$15.52	\$32,275	\$17.02	\$35,403
43-6011	Executive Secretaries and Administrative Assistants	2,880	\$18.53	\$38,548	\$13.37	\$27,813	\$21.11	\$43,915	\$14.47	\$30,089	\$17.75	\$36,924	\$21.68	\$45,092
43-6012	Legal Secretaries	890	\$16.85	\$35,045	\$12.47	\$25,948	\$19.04	\$39,593	\$13.56	\$28,206	\$16.98	\$35,317	\$20.21	\$42,046
43-6013	Medical Secretaries	1,050	\$14.23	\$29,589	\$10.56	\$21,958	\$16.06	\$33,404	\$11.42	\$23,761	\$13.71	\$28,527	\$16.68	\$34,694
43-6014	Secretaries, Except Legal, Medical, and Executive	4,950	\$13.59	\$28,260	\$9.62	\$20,014	\$15.57	\$32,383	\$10.61	\$22,070	\$13.01	\$27,058	\$16.10	\$33,482
43-9011	Computer Operators	190	\$16.23	\$33,754	\$10.38	\$21,583	\$19.15	\$39,839	\$11.70	\$24,344	\$14.50	\$30,158	\$18.76	\$39,028
43-9021	Data Entry Keyers	630	\$11.85	\$24,652	\$8.83	\$18,359	\$13.36	\$27,798	\$9.58	\$19,935	\$11.33	\$23,561	\$13.58	\$28,248
43-9022	Word Processors and Typists	130	\$16.63	\$34,587	\$12.45	\$25,895	\$18.72	\$38,932	\$13.29	\$27,645	\$15.45	\$32,129	\$18.33	\$38,130
43-9031	Desktop Publishers	20	\$18.76	\$39,014	\$11.52	\$23,954	\$22.38	\$46,544	\$13.61	\$28,319	\$16.65	\$34,642	\$19.87	\$41,326
43-9041	Insurance Claims and Policy Processing Clerks	610	\$21.08	\$43,852	\$14.83	\$30,838	\$24.21	\$50,359	\$16.74	\$34,822	\$20.33	\$42,284	\$23.43	\$48,729
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	170	\$12.98	\$26,999	\$9.59	\$19,939	\$14.68	\$30,528	\$10.49	\$21,829	\$12.76	\$26,531	\$14.98	\$31,159
43-9061	Office Clerks, General	6,920	\$12.04	\$25,038	\$8.55	\$17,778	\$13.78	\$28,668	\$9.23	\$19,206	\$11.24	\$23,370	\$14.01	\$29,140
43-9071	Office Machine Operators, Except Computer	130	\$14.40	\$29,955	\$11.33	\$23,562	\$15.94	\$33,152	\$12.13	\$25,223	\$13.66	\$28,409	\$15.23	\$31,675
43-9799	Office and Administrative Support Workers, All Other*	290	\$17.89	\$37,221	\$12.06	\$25,086	\$20.81	\$43,289	\$12.85	\$26,728	\$15.62	\$32,486	\$20.96	\$43,592
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>410</b>	<b>\$10.81</b>	<b>\$22,485</b>	<b>\$8.10</b>	<b>\$16,856</b>	<b>\$12.16</b>	<b>\$25,299</b>	<b>\$8.89</b>	<b>\$18,489</b>	<b>\$10.39</b>	<b>\$21,621</b>	<b>\$12.27</b>	<b>\$25,524</b>
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse		\$10.04	\$20,875	\$8.31	\$17,277	\$10.90	\$22,675	\$9.06	\$18,844	\$10.06	\$20,920	\$11.00	\$22,889
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>18,620</b>	<b>\$17.15</b>	<b>\$35,670</b>	<b>\$10.98</b>	<b>\$22,831</b>	<b>\$20.24</b>	<b>\$42,089</b>	<b>\$12.47</b>	<b>\$25,938</b>	<b>\$15.93</b>	<b>\$33,137</b>	<b>\$21.02</b>	<b>\$43,727</b>
47-1011	First-Line Supervisors/Managers of Construction Trade	1,810	\$24.60	\$51,169	\$16.82	\$34,991	\$28.49	\$59,257	\$19.05	\$39,626	\$22.83	\$47,477	\$28.60	\$59,494
47-2011	Boilermakers		\$17.14	\$35,651	\$10.92	\$22,711	\$20.25	\$42,120	\$12.36	\$25,714	\$16.38	\$34,075	\$21.61	\$44,939
47-2021	Brickmasons and Blockmasons	130	\$16.15	\$33,601	\$11.10	\$23,086	\$18.68	\$38,858	\$13.48	\$28,028	\$16.21	\$33,709	\$18.13	\$37,703
47-2022	Stonemasons	60	\$18.33	\$38,134	\$14.33	\$29,802	\$20.34	\$42,300	\$14.94	\$31,077	\$17.08	\$35,530	\$21.93	\$45,610
47-2031	Carpenters	1,460	\$13.96	\$29,045	\$9.25	\$19,249	\$16.32	\$33,943	\$10.63	\$22,106	\$13.54	\$28,156	\$16.92	\$35,185
47-2041	Carpet Installers	20	\$14.64	\$30,444	\$8.59	\$17,868	\$17.66	\$36,731	\$9.15	\$19,036	\$14.30	\$29,751	\$20.05	\$41,696
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles		\$10.13	\$21,075	\$7.96	\$16,566	\$11.22	\$23,330	\$8.40	\$17,480	\$9.88	\$20,541	\$12.13	\$25,232
47-2044	Tile and Marble Setters	110	\$14.93	\$31,060	\$12.06	\$25,091	\$16.37	\$34,044	\$12.97	\$26,982	\$15.10	\$31,400	\$17.02	\$35,412
47-2051	Cement Masons and Concrete Finishers	830	\$15.34	\$31,901	\$11.45	\$23,807	\$17.28	\$35,948	\$12.58	\$26,165	\$15.25	\$31,723	\$17.61	\$36,629

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
47-2061	Construction Laborers	2,970	\$11.99	\$24,944	\$8.45	\$17,569	\$13.77	\$28,631	\$9.15	\$19,034	\$11.72	\$24,374	\$14.14	\$29,410
47-2071	Paving, Surfacing, and Tamping Equipment Operators	400	\$14.66	\$30,501	\$12.83	\$26,696	\$15.58	\$32,404	\$13.00	\$27,038	\$14.51	\$30,180	\$16.47	\$34,260
47-2073	Operating Engineers and Other Construction Equipment Operators	620	\$18.22	\$37,906	\$13.51	\$28,102	\$20.58	\$42,808	\$14.96	\$31,110	\$17.36	\$36,103	\$20.95	\$43,567
47-2081	Drywall and Ceiling Tile Installers	510	\$15.07	\$31,354	\$12.00	\$24,966	\$16.61	\$34,547	\$12.66	\$26,335	\$14.80	\$30,780	\$17.32	\$36,032
47-2082	Tapers	50	\$18.23	\$37,923	\$15.27	\$31,769	\$19.71	\$40,999	\$15.48	\$32,204	\$17.05	\$35,462	\$19.33	\$40,213
47-2111	Electricians	1,740	\$23.42	\$48,711	\$17.81	\$37,038	\$26.22	\$54,548	\$19.84	\$41,272	\$24.14	\$50,208	\$27.30	\$56,778
47-2121	Glaziers	150	\$13.52	\$28,113	\$10.62	\$22,094	\$14.96	\$31,122	\$10.90	\$22,675	\$12.88	\$26,788	\$16.14	\$33,565
47-2132	Insulation Workers, Mechanical	90	\$15.30	\$31,816	\$13.29	\$27,644	\$16.30	\$33,901	\$13.23	\$27,518	\$14.61	\$30,383	\$16.69	\$34,718
47-2141	Painters, Construction and Maintenance	760	\$15.18	\$31,566	\$12.32	\$25,617	\$16.61	\$34,541	\$12.65	\$26,318	\$14.14	\$29,405	\$17.23	\$35,836
47-2151	Pipelayers		\$13.13	\$27,320	\$8.90	\$18,518	\$15.25	\$31,721	\$9.47	\$19,703	\$12.94	\$26,914	\$14.76	\$30,707
47-2152	Plumbers, Pipefitters, and Steamfitters	1,340	\$19.99	\$41,586	\$13.45	\$27,971	\$23.27	\$48,393	\$14.50	\$30,162	\$18.21	\$37,867	\$24.87	\$51,739
47-2181	Roofers	210	\$12.20	\$25,370	\$9.15	\$19,037	\$13.72	\$28,536	\$10.30	\$21,433	\$12.59	\$26,196	\$14.12	\$29,375
47-2211	Sheet Metal Workers	510	\$17.33	\$36,039	\$12.36	\$25,711	\$19.81	\$41,203	\$12.96	\$26,953	\$14.88	\$30,948	\$21.89	\$45,521
47-2221	Structural Iron and Steel Workers	140	\$14.46	\$30,076	\$10.87	\$22,616	\$16.25	\$33,806	\$11.54	\$24,007	\$14.10	\$29,319	\$16.99	\$35,344
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile Setters	110	\$10.43	\$21,694	\$8.02	\$16,685	\$11.63	\$24,199	\$8.83	\$18,365	\$10.01	\$20,819	\$11.02	\$22,915
47-3012	Helpers--Carpenters	150	\$12.81	\$26,642	\$8.99	\$18,695	\$14.72	\$30,615	\$9.67	\$20,105	\$11.06	\$23,012	\$16.07	\$33,428
47-3013	Helpers--Electricians	360	\$14.79	\$30,759	\$12.09	\$25,155	\$16.14	\$33,562	\$12.93	\$26,890	\$15.27	\$31,759	\$16.96	\$35,287
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	310	\$13.37	\$27,805	\$10.31	\$21,454	\$14.89	\$30,980	\$11.77	\$24,482	\$13.31	\$27,694	\$14.93	\$31,063
47-3019	Helpers, Construction Trades, All Other	140	\$15.34	\$31,900	\$8.81	\$18,332	\$18.60	\$38,683	\$10.01	\$20,824	\$13.85	\$28,815	\$20.88	\$43,423
47-4011	Construction and Building Inspectors	230	\$21.28	\$44,267	\$16.42	\$34,157	\$23.71	\$49,323	\$16.96	\$35,273	\$20.02	\$41,640	\$25.32	\$52,675
47-4041	Hazardous Materials Removal Workers	30	\$16.80	\$34,949	\$15.72	\$32,705	\$17.34	\$36,070	\$15.66	\$32,574	\$16.87	\$35,090	\$18.08	\$37,606
47-4051	Highway Maintenance Workers	430	\$14.11	\$29,348	\$9.39	\$19,531	\$16.47	\$34,256	\$10.53	\$21,910	\$13.71	\$28,507	\$17.08	\$35,533
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	200	\$14.23	\$29,593	\$12.47	\$25,941	\$15.10	\$31,418	\$12.59	\$26,197	\$13.86	\$28,830	\$15.57	\$32,389
47-5011	Derrick Operators, Oil and Gas		\$21.97	\$45,693	\$19.96	\$41,525	\$22.97	\$47,777	\$19.97	\$41,531	\$21.67	\$45,069	\$24.14	\$50,210
47-5012	Rotary Drill Operators, Oil and Gas	120	\$24.13	\$50,184	\$18.43	\$38,337	\$26.97	\$56,107	\$23.50	\$48,872	\$25.67	\$53,386	\$27.84	\$57,900
47-5013	Service Unit Operators, Oil, Gas, and Mining	850	\$19.40	\$40,353	\$13.54	\$28,154	\$22.33	\$46,453	\$15.60	\$32,441	\$19.03	\$39,583	\$23.09	\$48,034
47-5021	Earth Drillers, Except Oil and Gas		\$20.11	\$41,831	\$14.72	\$30,617	\$22.81	\$47,438	\$16.50	\$34,325	\$20.28	\$42,192	\$24.39	\$50,741
47-5051	Rock Splitters, Quarry		\$10.44	\$21,718	\$8.10	\$16,854	\$11.61	\$24,150	\$8.20	\$17,048	\$9.03	\$18,792	\$10.92	\$22,722
47-5071	Roustabouts, Oil and Gas	730	\$17.87	\$37,170	\$13.93	\$28,981	\$19.84	\$41,264	\$15.39	\$32,021	\$17.66	\$36,734	\$20.81	\$43,286
47-5081	Helpers--Extraction Workers	160	\$16.30	\$33,913	\$12.40	\$25,790	\$18.26	\$37,975	\$13.39	\$27,847	\$15.86	\$32,994	\$17.98	\$37,406
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>17,400</b>	<b>\$20.45</b>	<b>\$42,529</b>	<b>\$12.88</b>	<b>\$26,796</b>	<b>\$24.23</b>	<b>\$50,396</b>	<b>\$14.82</b>	<b>\$30,828</b>	<b>\$19.99</b>	<b>\$41,583</b>	<b>\$25.91</b>	<b>\$53,899</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,320	\$28.45	\$59,172	\$19.36	\$40,274	\$32.99	\$68,621	\$22.10	\$45,961	\$27.63	\$57,466	\$34.55	\$71,868
49-2011	Computer, Automated Teller, and Office Machine Repairers	190	\$18.97	\$39,451	\$12.21	\$25,395	\$22.35	\$46,479	\$14.42	\$29,996	\$17.30	\$35,988	\$24.92	\$51,837
49-2022	Telecommunications Equipment Installers and Repairers	400	\$22.19	\$46,160	\$15.50	\$32,240	\$25.54	\$53,120	\$16.64	\$34,607	\$21.75	\$45,232	\$27.85	\$57,932
49-2092	Electric Motor, Power Tool, and Related Repairers	60	\$23.89	\$49,700	\$15.88	\$33,024	\$27.90	\$58,038	\$17.59	\$36,594	\$22.68	\$47,171	\$31.32	\$65,138
49-2094	Electrical and Electronics Repairers, Commercial and Industrial	230	\$23.19	\$48,240	\$15.54	\$33,327	\$27.02	\$56,197	\$17.70	\$36,815	\$24.54	\$51,043	\$27.94	\$58,124
49-2095	Electrical and Electronics Repairers, Powerhouse, and Substation	80	\$22.87	\$47,565	\$16.31	\$33,915	\$26.15	\$54,390	\$19.03	\$39,592	\$21.75	\$45,235	\$28.90	\$60,104
49-2098	Security and Fire Alarm Systems Installers	160	\$16.46	\$34,234	\$12.06	\$25,076	\$18.66	\$38,813	\$13.07	\$27,181	\$16.21	\$33,716	\$20.07	\$41,742
49-3011	Aircraft Mechanics and Service Technicians	2,920	\$24.45	\$50,855	\$20.36	\$42,355	\$26.49	\$55,105	\$23.22	\$48,298	\$25.43	\$52,889	\$27.53	\$57,269
49-3021	Automotive Body and Related Repairers	340	\$18.71	\$38,918	\$12.80	\$26,629	\$21.66	\$45,063	\$15.13	\$31,470	\$17.56	\$36,526	\$21.73	\$45,204
49-3023	Automotive Service Technicians and Mechanics	1,280	\$16.69	\$34,721	\$10.82	\$22,505	\$19.63	\$40,829	\$11.87	\$24,691	\$14.32	\$29,776	\$19.93	\$41,457

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
49-3031	Bus and Truck Mechanics and Diesel Engine Specialis	880	\$17.84	\$37,111	\$12.94	\$26,914	\$20.29	\$42,210	\$14.22	\$29,582	\$17.45	\$36,287	\$21.06	\$43,815
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	350	\$19.21	\$39,947	\$14.25	\$29,637	\$21.68	\$45,102	\$15.36	\$31,955	\$18.76	\$39,012	\$22.77	\$47,362
49-3052	Motorcycle Mechanics	40	\$17.33	\$36,050	\$11.98	\$24,917	\$20.01	\$41,617	\$15.22	\$31,648	\$17.49	\$36,383	\$20.42	\$42,483
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics		\$16.28	\$33,857	\$11.94	\$24,836	\$18.45	\$38,368	\$13.34	\$27,757	\$16.89	\$35,135	\$19.03	\$39,586
49-3093	Tire Repairers and Changers		\$10.32	\$21,459	\$8.39	\$17,445	\$11.28	\$23,465	\$9.13	\$18,984	\$10.19	\$21,206	\$11.12	\$23,129
49-9011	Mechanical Door Repairers	50	\$13.25	\$27,557	\$9.25	\$19,249	\$15.25	\$31,711	\$10.35	\$21,528	\$13.23	\$27,521	\$16.01	\$33,301
49-9012	Control and Valve Installers and Repairers, Except Me	240	\$18.17	\$37,785	\$16.61	\$34,553	\$18.94	\$39,401	\$15.98	\$33,231	\$17.08	\$35,518	\$18.18	\$37,805
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	780	\$17.40	\$36,194	\$11.97	\$24,901	\$20.12	\$41,841	\$13.62	\$28,327	\$16.87	\$35,087	\$20.69	\$43,033
49-9031	Home Appliance Repairers		\$13.96	\$29,034	\$8.93	\$18,579	\$16.47	\$34,261	\$10.19	\$21,191	\$13.39	\$27,846	\$16.65	\$34,640
49-9041	Industrial Machinery Mechanics	1,050	\$22.75	\$47,317	\$16.88	\$35,115	\$25.68	\$53,418	\$18.54	\$38,567	\$23.42	\$48,710	\$26.82	\$55,776
49-9043	Maintenance Workers, Machinery	380	\$17.92	\$37,275	\$11.99	\$24,948	\$20.88	\$43,438	\$13.43	\$27,942	\$17.67	\$36,758	\$21.43	\$44,582
49-9044	Millwrights		\$21.10	\$43,888	\$16.72	\$34,776	\$23.29	\$48,444	\$17.50	\$36,405	\$20.31	\$42,251	\$23.60	\$49,088
49-9051	Electrical Power-Line Installers and Repairers	270	\$20.25	\$42,121	\$12.91	\$26,862	\$23.92	\$49,751	\$13.95	\$29,013	\$17.32	\$36,021	\$26.80	\$55,740
49-9052	Telecommunications Line Installers and Repairers		\$24.08	\$50,088	\$14.41	\$29,963	\$28.92	\$60,150	\$16.99	\$35,335	\$25.53	\$53,103	\$31.34	\$65,185
49-9062	Medical Equipment Repairers	190	\$23.16	\$48,175	\$14.21	\$29,553	\$27.64	\$57,487	\$15.30	\$31,820	\$18.23	\$37,912	\$30.51	\$63,471
49-9071	Maintenance and Repair Workers, General	3,210	\$17.16	\$35,690	\$11.11	\$23,106	\$20.18	\$41,983	\$12.36	\$25,708	\$16.36	\$34,020	\$21.19	\$44,075
49-9091	Coin, Vending, and Amusement Machine Servicers and	150	\$14.73	\$30,639	\$11.48	\$23,884	\$16.35	\$34,016	\$12.32	\$25,615	\$14.24	\$29,627	\$17.00	\$35,368
49-9094	Locksmiths and Safe Repairers		\$18.01	\$37,462	\$16.50	\$34,325	\$18.76	\$39,030	\$16.09	\$33,477	\$17.46	\$36,310	\$19.82	\$41,228
49-9098	Helpers--Installation, Maintenance, and Repair Worker	490	\$12.28	\$25,548	\$8.79	\$18,287	\$14.03	\$29,179	\$9.46	\$19,673	\$11.65	\$24,239	\$14.54	\$30,237
49-9799	Installation, Maintenance, and Repair Workers, All Oth	430	\$21.62	\$44,968	\$18.21	\$37,870	\$23.33	\$48,518	\$19.73	\$41,037	\$21.77	\$45,277	\$24.47	\$50,902
<b>51-0000</b>	<b>Production Occupations</b>	<b>31,760</b>	<b>\$16.76</b>	<b>\$34,868</b>	<b>\$10.57</b>	<b>\$21,986</b>	<b>\$19.86</b>	<b>\$41,309</b>	<b>\$11.87</b>	<b>\$24,697</b>	<b>\$15.40</b>	<b>\$32,035</b>	<b>\$20.14</b>	<b>\$41,896</b>
51-1011	First-Line Supervisors/Managers of Production and Op	2,130	\$26.83	\$55,811	\$17.17	\$35,707	\$31.66	\$65,863	\$19.05	\$39,617	\$24.82	\$51,621	\$32.62	\$67,849
51-2022	Electrical and Electronic Equipment Assemblers	330	\$15.00	\$31,203	\$11.01	\$22,904	\$17.00	\$35,352	\$12.20	\$25,384	\$14.00	\$29,122	\$18.51	\$38,499
51-2023	Electromechanical Equipment Assemblers	130	\$16.34	\$33,993	\$12.86	\$26,750	\$18.08	\$37,614	\$13.12	\$27,296	\$14.77	\$30,715	\$17.99	\$37,427
51-2031	Engine and Other Machine Assemblers	220	\$18.98	\$39,473	\$13.87	\$28,853	\$21.53	\$44,783	\$15.00	\$31,202	\$18.97	\$39,450	\$22.67	\$47,153
51-2041	Structural Metal Fabricators and Fitters	580	\$16.43	\$34,167	\$12.35	\$25,693	\$18.46	\$38,404	\$13.69	\$28,469	\$16.31	\$33,923	\$18.61	\$38,715
51-2091	Fiberglass Laminators and Fabricators		\$15.41	\$32,055	\$11.10	\$23,086	\$17.57	\$36,540	\$11.72	\$24,373	\$15.42	\$32,066	\$17.82	\$37,061
51-2092	Team Assemblers	5,320	\$13.32	\$27,704	\$9.64	\$20,051	\$15.16	\$31,531	\$10.62	\$22,100	\$12.92	\$26,882	\$15.64	\$32,524
51-2099	Assemblers and Fabricators, All Other	180	\$13.87	\$28,852	\$8.40	\$17,467	\$16.61	\$34,544	\$9.06	\$18,844	\$11.14	\$23,172	\$15.02	\$31,243
51-3011	Bakers	520	\$11.83	\$24,615	\$8.68	\$18,059	\$13.41	\$27,893	\$9.33	\$19,400	\$11.13	\$23,147	\$14.68	\$30,540
51-3021	Butchers and Meat Cutters	260	\$12.44	\$25,865	\$9.12	\$18,979	\$14.09	\$29,308	\$10.10	\$21,010	\$12.46	\$25,909	\$14.37	\$29,882
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	50	\$13.28	\$27,633	\$10.81	\$22,486	\$14.52	\$30,206	\$11.65	\$24,241	\$13.29	\$27,636	\$15.01	\$31,226
51-3023	Slaughterers and Meat Packers		\$10.58	\$22,005	\$8.10	\$16,858	\$11.82	\$24,579	\$8.61	\$17,915	\$10.26	\$21,348	\$12.73	\$26,479
51-3091	Food and Tobacco Roasting, Baking, and Drying Mach	20	\$14.34	\$29,831	\$10.60	\$22,040	\$16.21	\$33,727	\$11.33	\$23,572	\$14.19	\$29,524	\$17.09	\$35,553
51-3092	Food Batchmakers	180	\$11.12	\$23,138	\$8.52	\$17,729	\$12.42	\$25,843	\$9.21	\$19,159	\$10.97	\$22,825	\$13.03	\$27,096
51-3093	Food Cooking Machine Operators and Tenders	320	\$12.62	\$26,259	\$9.01	\$18,748	\$14.43	\$30,015	\$9.83	\$20,440	\$12.91	\$26,843	\$14.98	\$31,167
51-4011	Computer-Controlled Machine Tool Operators, Metal a	360	\$16.88	\$35,116	\$13.96	\$29,041	\$18.34	\$38,153	\$14.89	\$30,966	\$16.80	\$34,949	\$18.97	\$39,456
51-4012	Numerical Tool and Process Control Programmers	60	\$24.56	\$51,078	\$17.03	\$35,426	\$28.32	\$58,904	\$18.04	\$37,522	\$23.97	\$49,856	\$28.59	\$59,471
51-4021	Extruding and Drawing Machine Setters, Operators, an	140	\$16.13	\$33,545	\$12.40	\$25,799	\$17.99	\$37,418	\$13.52	\$28,121	\$15.82	\$32,897	\$17.85	\$37,120
51-4022	Forging Machine Setters, Operators, and Tenders, Met	40	\$20.21	\$42,036	\$16.32	\$33,937	\$22.16	\$46,085	\$16.61	\$34,543	\$18.59	\$38,658	\$24.42	\$50,797
51-4023	Rolling Machine Setters, Operators, and Tenders, Met	160	\$16.26	\$33,813	\$12.02	\$25,009	\$18.37	\$38,215	\$13.10	\$27,244	\$16.02	\$33,319	\$19.19	\$39,917

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

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									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
51-4031	Cutting, Punching, and Press Machine Setters, Operat	570	\$14.37	\$29,881	\$10.13	\$21,067	\$16.48	\$34,288	\$11.27	\$23,440	\$14.11	\$29,346	\$17.07	\$35,515
51-4032	Drilling and Boring Machine Tool Setters, Operators, ai	180	\$16.07	\$33,418	\$10.63	\$22,105	\$18.79	\$39,074	\$12.90	\$26,823	\$16.76	\$34,859	\$20.04	\$41,685
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Too	140	\$15.33	\$31,891	\$9.80	\$20,381	\$18.10	\$37,646	\$10.72	\$22,297	\$14.20	\$29,534	\$20.36	\$42,355
51-4034	Lathe and Turning Machine Tool Setters, Operators, ai	350	\$19.83	\$41,239	\$15.68	\$32,623	\$21.90	\$45,547	\$17.95	\$37,341	\$20.34	\$42,311	\$22.35	\$46,481
51-4035	Milling and Planing Machine Setters, Operators, and Tr	40	\$17.62	\$36,655	\$12.59	\$26,186	\$20.14	\$41,889	\$14.63	\$30,439	\$17.12	\$35,614	\$20.81	\$43,291
51-4041	Machinists	2,020	\$17.70	\$36,808	\$12.85	\$26,728	\$20.12	\$41,848	\$14.23	\$29,594	\$17.41	\$36,223	\$21.07	\$43,821
51-4052	Pourers and Casters, Metal	40	\$14.22	\$29,573	\$9.48	\$19,716	\$16.59	\$34,502	\$10.20	\$21,225	\$12.48	\$25,968	\$19.70	\$40,968
51-4062	Patternmakers, Metal and Plastic		\$16.42	\$34,152	\$12.24	\$25,451	\$18.51	\$38,502	\$13.88	\$28,877	\$16.37	\$34,047	\$18.24	\$37,949
51-4071	Foundry Mold and Coremakers	40	\$11.21	\$23,309	\$8.05	\$16,751	\$12.78	\$26,587	\$8.72	\$18,148	\$11.84	\$24,632	\$13.51	\$28,098
51-4072	Molding, Coremaking, and Casting Machine Setters, O	190	\$13.08	\$27,213	\$10.08	\$20,975	\$14.58	\$30,331	\$10.62	\$22,095	\$12.37	\$25,735	\$14.51	\$30,178
51-4081	Multiple Machine Tool Setters, Operators, and Tenders	160	\$17.20	\$35,777	\$13.92	\$28,950	\$18.84	\$39,190	\$15.07	\$31,347	\$16.90	\$35,147	\$18.75	\$38,991
51-4111	Tool and Die Makers	160	\$22.76	\$47,350	\$17.20	\$35,776	\$25.55	\$53,138	\$19.04	\$39,606	\$23.88	\$49,671	\$26.71	\$55,566
51-4121	Welders, Cutters, Solderers, and Brazers	3,540	\$18.69	\$38,866	\$14.23	\$29,604	\$20.91	\$43,497	\$15.51	\$32,270	\$18.31	\$38,091	\$21.58	\$44,885
51-4122	Welding, Soldering, and Brazing Machine Setters, Ope	180	\$17.51	\$36,422	\$13.28	\$27,625	\$19.63	\$40,821	\$14.47	\$30,108	\$17.32	\$36,028	\$20.69	\$43,026
51-4191	Heat Treating Equipment Setters, Operators, and Tenc	70	\$15.45	\$32,142	\$12.73	\$26,482	\$16.81	\$34,972	\$12.73	\$26,484	\$14.09	\$29,299	\$17.69	\$36,803
51-4192	Lay-Out Workers, Metal and Plastic	20	\$17.03	\$35,431	\$12.40	\$25,782	\$19.35	\$40,255	\$13.80	\$28,702	\$16.96	\$35,279	\$20.26	\$42,137
51-4193	Plating and Coating Machine Setters, Operators, and T	120	\$13.98	\$29,081	\$10.14	\$21,100	\$15.90	\$33,071	\$11.25	\$23,397	\$13.60	\$28,286	\$16.62	\$34,573
51-4194	Tool Grinders, Filers, and Sharpeners	40	\$15.94	\$33,146	\$11.52	\$23,964	\$18.14	\$37,737	\$12.37	\$25,731	\$15.52	\$32,272	\$18.72	\$38,931
51-4199	Metal Workers and Plastic Workers, All Other	80	\$11.55	\$24,029	\$9.94	\$20,679	\$12.36	\$25,704	\$10.29	\$21,408	\$11.54	\$24,004	\$13.14	\$27,332
51-5111	Prepress Technicians and Workers	150	\$16.36	\$34,033	\$11.56	\$24,051	\$18.76	\$39,025	\$12.35	\$25,696	\$15.99	\$33,257	\$19.81	\$41,206
51-5112	Printing Press Operators	510	\$14.51	\$30,180	\$10.66	\$22,162	\$16.44	\$34,189	\$11.67	\$24,281	\$13.82	\$28,740	\$16.88	\$35,108
51-5113	Print Binding and Finishing Workers	130	\$12.94	\$26,925	\$9.39	\$19,528	\$14.72	\$30,624	\$10.55	\$21,938	\$12.93	\$26,895	\$14.53	\$30,221
51-6011	Laundry and Dry-Cleaning Workers	670	\$9.16	\$19,048	\$8.14	\$16,931	\$9.67	\$20,107	\$8.12	\$16,897	\$8.88	\$18,480	\$10.12	\$21,047
51-6021	Pressers, Textile, Garment, and Related Materials		\$9.48	\$19,717	\$8.07	\$16,785	\$10.18	\$21,183	\$8.50	\$17,680	\$9.65	\$20,071	\$10.68	\$22,221
51-6031	Sewing Machine Operators	170	\$11.80	\$24,547	\$9.11	\$18,950	\$13.15	\$27,345	\$9.92	\$20,643	\$12.07	\$25,109	\$13.74	\$28,580
51-6093	Upholsterers		\$11.13	\$23,142	\$8.43	\$17,529	\$12.47	\$25,948	\$8.88	\$18,477	\$10.30	\$21,430	\$11.69	\$24,311
51-7011	Cabinetmakers and Bench Carpenters	190	\$12.82	\$26,658	\$10.51	\$21,851	\$13.97	\$29,062	\$10.82	\$22,499	\$12.33	\$25,648	\$14.37	\$29,883
51-7021	Furniture Finishers	20	\$15.78	\$32,820	\$13.18	\$27,412	\$17.08	\$35,525	\$13.98	\$29,080	\$15.96	\$33,203	\$17.55	\$36,511
51-7041	Sawing Machine Setters, Operators, and Tenders, Wor	70	\$13.02	\$27,071	\$10.36	\$21,555	\$14.34	\$29,830	\$11.18	\$23,259	\$12.87	\$26,778	\$14.35	\$29,857
51-7042	Woodworking Machine Setters, Operators, and Tender	30	\$14.70	\$30,581	\$12.12	\$25,201	\$16.00	\$33,271	\$12.41	\$25,815	\$13.84	\$28,786	\$16.37	\$34,043
51-7099	Woodworkers, All Other	20												
51-8021	Stationary Engineers and Boiler Operators	180	\$23.97	\$49,852	\$17.77	\$36,967	\$27.06	\$56,294	\$21.02	\$43,725	\$25.11	\$52,224	\$27.69	\$57,585
51-8031	Water and Liquid Waste Treatment Plant and System (	160	\$14.17	\$29,466	\$11.04	\$22,973	\$15.73	\$32,713	\$11.73	\$24,399	\$13.92	\$28,956	\$16.71	\$34,748
51-8092	Gas Plant Operators	50	\$33.02	\$68,681	\$23.59	\$49,059	\$37.74	\$78,491	\$26.31	\$54,727	\$34.85	\$72,492	\$40.79	\$84,838
51-8093	Petroleum Pump System Operators, Refinery Operator	680	\$26.24	\$54,571	\$19.85	\$41,280	\$29.43	\$61,217	\$22.03	\$45,827	\$26.59	\$55,315	\$31.43	\$65,370
51-9011	Chemical Equipment Operators and Tenders	70	\$17.20	\$35,782	\$13.03	\$27,107	\$19.29	\$40,119	\$14.51	\$30,186	\$16.64	\$34,616	\$20.01	\$41,619
51-9021	Crushing, Grinding, and Polishing Machine Setters, Op	20	\$11.89	\$24,735	\$10.19	\$21,205	\$12.74	\$26,499	\$10.33	\$21,495	\$11.43	\$23,779	\$13.44	\$27,956
51-9022	Grinding and Polishing Workers, Hand	140	\$14.11	\$29,344	\$10.00	\$20,792	\$16.16	\$33,620	\$10.97	\$22,817	\$13.36	\$27,787	\$16.58	\$34,476
51-9023	Mixing and Blending Machine Setters, Operators, and	270	\$14.52	\$30,198	\$8.96	\$18,628	\$17.30	\$35,982	\$9.54	\$19,844	\$13.14	\$27,335	\$16.84	\$35,020
51-9031	Cutters and Trimmers, Hand	40	\$12.94	\$26,917	\$9.30	\$19,347	\$14.76	\$30,702	\$9.84	\$20,476	\$11.16	\$23,203	\$13.90	\$28,916
51-9032	Cutting and Slicing Machine Setters, Operators, and Tr	190	\$13.20	\$27,451	\$8.74	\$18,178	\$15.43	\$32,088	\$9.71	\$20,206	\$13.37	\$27,812	\$16.36	\$34,038

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
51-9041	Extruding, Forming, Pressing, and Compacting Machin	120	\$17.25	\$35,888	\$11.10	\$23,083	\$20.33	\$42,291	\$12.44	\$25,879	\$16.05	\$33,387	\$23.63	\$49,149
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and T	140	\$14.73	\$30,644	\$11.03	\$22,937	\$16.59	\$34,497	\$11.79	\$24,525	\$14.00	\$29,126	\$17.48	\$36,358
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,330	\$21.94	\$45,636	\$13.70	\$28,495	\$26.06	\$54,206	\$15.26	\$31,751	\$19.00	\$39,510	\$26.14	\$54,370
51-9071	Jewelers and Precious Stone and Metal Workers	50	\$20.34	\$42,310	\$14.52	\$30,211	\$23.25	\$48,360	\$16.68	\$34,685	\$20.44	\$42,514	\$24.48	\$50,911
51-9081	Dental Laboratory Technicians	140	\$13.70	\$28,493	\$8.53	\$17,734	\$16.28	\$33,872	\$9.21	\$19,162	\$12.84	\$26,701	\$18.02	\$37,473
51-9082	Medical Appliance Technicians	30	\$13.14	\$27,331	\$11.36	\$23,635	\$14.03	\$29,178	\$11.74	\$24,426	\$12.89	\$26,814	\$14.04	\$29,203
51-9083	Ophthalmic Laboratory Technicians		\$11.82	\$24,586	\$8.98	\$18,682	\$13.24	\$27,539	\$9.62	\$19,999	\$11.32	\$23,543	\$13.86	\$28,830
51-9111	Packaging and Filling Machine Operators and Tenders	1,020	\$11.26	\$23,425	\$8.10	\$16,838	\$12.85	\$26,719	\$8.83	\$18,363	\$10.78	\$22,424	\$13.32	\$27,712
51-9121	Coating, Painting, and Spraying Machine Setters, Oper	650	\$14.77	\$30,727	\$11.85	\$24,653	\$16.23	\$33,764	\$12.54	\$26,073	\$14.46	\$30,080	\$17.07	\$35,502
51-9122	Painters, Transportation Equipment	260	\$19.11	\$39,747	\$12.32	\$25,618	\$22.51	\$46,812	\$14.61	\$30,381	\$17.30	\$35,989	\$22.55	\$46,894
51-9123	Painting, Coating, and Decorating Workers	30	\$13.30	\$27,660	\$9.43	\$19,621	\$15.23	\$31,680	\$10.03	\$20,861	\$11.95	\$24,856	\$15.57	\$32,377
51-9151	Photographic Process Workers and Priocessing Machi	120	\$10.61	\$22,073	\$8.23	\$17,123	\$11.80	\$24,548	\$8.88	\$18,476	\$10.23	\$21,283	\$11.60	\$24,119
51-9192	Cleaning, Washing, and Metal Pickling Equipment Ope	30	\$12.01	\$24,982	\$8.96	\$18,640	\$13.53	\$28,152	\$9.65	\$20,074	\$11.56	\$24,040	\$13.75	\$28,590
51-9193	Cooling and Freezing Equipment Operators and Tende	30	\$12.31	\$25,613	\$9.78	\$20,333	\$13.58	\$28,252	\$10.19	\$21,187	\$11.41	\$23,730	\$13.73	\$28,554
51-9195	Molders, Shapers, and Casters, Except Metal and Plas	70	\$14.51	\$30,173	\$10.36	\$21,544	\$16.58	\$34,488	\$11.66	\$24,249	\$13.49	\$28,055	\$16.13	\$33,548
51-9196	Paper Goods Machine Setters, Operators, and Tender	410	\$22.54	\$46,892	\$15.82	\$32,903	\$25.91	\$53,886	\$18.73	\$38,953	\$24.28	\$50,507	\$26.95	\$56,066
51-9198	Helpers--Production Workers	1,710	\$12.96	\$26,958	\$9.02	\$18,758	\$14.93	\$31,058	\$10.04	\$20,882	\$12.65	\$26,322	\$15.23	\$31,674
51-9399	Production Workers, All Other*	240	\$14.44	\$30,035	\$9.12	\$18,974	\$17.10	\$35,565	\$10.17	\$21,153	\$13.55	\$28,175	\$17.88	\$37,191
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>21,740</b>	<b>\$14.87</b>	<b>\$30,935</b>	<b>\$8.88</b>	<b>\$18,472</b>	<b>\$17.87</b>	<b>\$37,167</b>	<b>\$9.72</b>	<b>\$20,227</b>	<b>\$13.04</b>	<b>\$27,125</b>	<b>\$17.78</b>	<b>\$36,983</b>
53-1011	Aircraft Cargo Handling Supervisors	60	\$26.67	\$55,473	\$15.73	\$32,714	\$32.14	\$66,853	\$18.04	\$37,518	\$22.59	\$46,981	\$37.42	\$77,841
53-1021	First-Line Supervisors/Managers of Helpers, Laborers,	450	\$20.87	\$43,400	\$12.90	\$26,822	\$24.85	\$51,690	\$15.23	\$31,672	\$20.32	\$42,271	\$26.60	\$55,322
53-1031	First-Line Supervisors/Managers of Transportation and	1,240	\$25.30	\$52,621	\$21.02	\$43,730	\$27.44	\$57,067	\$23.77	\$49,443	\$25.93	\$53,937	\$28.09	\$58,431
53-2011	Airline Pilots, Copilots, and Flight Engineers	30		\$81,479		\$51,774		\$96,331		\$56,363		\$81,815		\$106,211
53-2012	Commercial Pilots	220		\$61,977		\$31,878		\$77,026		\$37,344		\$58,516		\$76,472
53-3021	Bus Drivers, Transit and Intercity	250	\$11.60	\$24,121	\$7.95	\$16,538	\$13.42	\$27,913	\$8.20	\$17,060	\$9.11	\$18,958	\$16.20	\$33,692
53-3022	Bus Drivers, School	920	\$12.29	\$25,554	\$9.18	\$19,094	\$13.84	\$28,784	\$10.29	\$21,407	\$12.58	\$26,169	\$14.09	\$29,305
53-3031	Driver/Sales Workers	1,800	\$11.18	\$23,251	\$8.02	\$16,680	\$12.76	\$26,536	\$8.46	\$17,593	\$9.79	\$20,370	\$11.73	\$24,402
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,530	\$17.51	\$36,418	\$12.61	\$26,236	\$19.96	\$41,509	\$13.90	\$28,919	\$16.81	\$34,966	\$20.48	\$42,602
53-3033	Truck Drivers, Light or Delivery Services	1,690	\$15.98	\$33,235	\$9.38	\$19,505	\$19.28	\$40,100	\$10.33	\$21,489	\$12.94	\$26,915	\$18.28	\$38,017
53-3041	Taxi Drivers and Chauffeurs	170	\$10.98	\$22,832	\$8.18	\$17,024	\$12.37	\$25,735	\$8.41	\$17,493	\$9.47	\$19,688	\$14.56	\$30,295
53-3099	Motor Vehicle Operators, All Other	90	\$11.88	\$24,710	\$8.45	\$17,582	\$13.59	\$28,273	\$8.27	\$17,209	\$9.12	\$18,968	\$13.89	\$28,893
53-6021	Parking Lot Attendants	270	\$8.82	\$18,350	\$8.14	\$16,921	\$9.17	\$19,064	\$8.01	\$16,665	\$8.65	\$18,000	\$9.30	\$19,349
53-6031	Service Station Attendants	150	\$10.13	\$21,069	\$8.09	\$16,829	\$11.15	\$23,189	\$8.80	\$18,310	\$10.19	\$21,185	\$11.43	\$23,765
53-6041	Traffic Technicians	20	\$26.97	\$56,104	\$18.71	\$38,910	\$31.11	\$64,700	\$21.92	\$45,600	\$27.72	\$57,659	\$33.01	\$68,661
53-6051	Transportation Inspectors		\$21.51	\$44,746	\$13.98	\$29,087	\$25.28	\$52,576	\$15.19	\$31,592	\$16.86	\$35,059	\$18.52	\$38,526
53-6061	Transportation Attendants, Except Flight Attendants		\$12.43	\$25,847	\$11.29	\$23,478	\$13.00	\$27,032	\$12.03	\$25,019	\$12.88	\$26,786	\$13.73	\$28,554
53-7011	Conveyor Operators and Tenders		\$11.84	\$24,635	\$8.54	\$17,753	\$13.50	\$28,076	\$9.13	\$18,994	\$11.75	\$24,432	\$14.22	\$29,584
53-7021	Crane and Tower Operators	100	\$17.71	\$36,846	\$12.48	\$25,967	\$20.33	\$42,286	\$13.67	\$28,434	\$17.00	\$35,360	\$20.88	\$43,439
53-7032	Excavating and Loading Machine and Dragline Operat	210	\$15.56	\$32,359	\$12.33	\$25,637	\$17.17	\$35,720	\$12.87	\$26,768	\$14.77	\$30,726	\$17.68	\$36,778
53-7051	Industrial Truck and Tractor Operators	840	\$13.63	\$28,360	\$10.36	\$21,555	\$15.27	\$31,763	\$11.29	\$23,493	\$13.30	\$27,656	\$15.74	\$32,741
53-7061	Cleaners of Vehicles and Equipment	850	\$11.06	\$23,013	\$8.19	\$17,025	\$12.50	\$26,007	\$8.73	\$18,153	\$10.13	\$21,065	\$12.32	\$25,624

## 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
53-7062	Laborers and Freight, Stock, and Material Movers, Har	5,730	\$11.66	\$24,262	\$8.18	\$17,014	\$13.41	\$27,885	\$8.86	\$18,434	\$10.77	\$22,410	\$13.72	\$28,539
53-7063	Machine Feeders and Offbearers	110	\$13.69	\$28,469	\$10.68	\$22,219	\$15.19	\$31,594	\$11.56	\$24,044	\$13.73	\$28,564	\$15.99	\$33,269
53-7064	Packers and Packagers, Hand	870	\$9.85	\$20,478	\$8.03	\$16,709	\$10.75	\$22,362	\$8.26	\$17,188	\$9.19	\$19,125	\$11.15	\$23,183
53-7071	Gas Compressor and Gas Pumping Station Operators		\$33.33	\$69,335	\$13.22	\$27,506	\$43.39	\$90,250	\$13.87	\$28,840	\$30.89	\$64,249	\$37.93	\$78,885
53-7072	Pump Operators, Except Wellhead Pumpers	150	\$19.97	\$41,531	\$14.65	\$30,468	\$22.63	\$47,063	\$15.98	\$33,235	\$19.17	\$39,867	\$24.32	\$50,592
53-7073	Wellhead Pumpers	340	\$21.21	\$44,107	\$10.84	\$22,548	\$26.39	\$54,886	\$12.62	\$26,246	\$16.07	\$33,421	\$22.81	\$47,449
53-7081	Refuse and Recyclable Material Collectors	320	\$11.81	\$24,561	\$8.00	\$16,645	\$13.71	\$28,519	\$8.47	\$17,612	\$10.34	\$21,515	\$13.85	\$28,805
53-7121	Tank Car, Truck, and Ship Loaders		\$15.79	\$32,848	\$10.65	\$22,147	\$18.36	\$38,199	\$10.52	\$21,884	\$11.49	\$23,895	\$22.00	\$45,765