

# The Southeast 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)

The screenshot displays the Oklahoma Employment Security Commission's Labor Market Information website. The browser window title is "Oklahoma Employment Security Commission - Find Labor Market Statistics - Windows Internet Explorer". The URL is [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). The page features the OESC logo and navigation menus. A sidebar on the left lists various services and resources. The main content area is titled "Labor Market Statistics - Economic Research and Analysis" and includes a call for user feedback. A prominent chart, "Seasonally Adjusted Unemployment Rate and Change from Previous Month's Total Non-Farm Employment," shows data from March 2010 to February 2012. The chart uses blue bars for employment changes and a red line for the unemployment rate. Below the chart, there are three news snippets: "Employment v. Unemployment" (3-30-2012), "Initial and Continued Claims" (4-12-2012), and "County Unemployment Rates" (4-10-2012). A "State Unemployment Rates" snippet (3-30-2012) is also present. The page footer includes "Labor Market Information by Area of Interest" and a status bar.

**Seasonally Adjusted Unemployment Rate and Change from Previous Month's Total Non-Farm Employment**

Month	Change in Total Employment	Unemployment Rate
Mar-10	2,600	6.2%
Apr-10	2,800	6.1%
May-10	8,600	6.0%
Jun-10	3,100	6.0%
Jul-10	-2,800	6.0%
Aug-10	2,300	6.0%
Sep-10	-4,500	6.0%
Oct-10	9,500	6.0%
Nov-10	700	6.0%
Dec-10	1,800	6.0%
Jan-11	1,100	6.0%
Feb-11	-8,100	6.0%
Mar-11	10,400	6.0%
Apr-11	4,700	6.0%
May-11	-900	6.0%
Jun-11	-700	6.0%
Jul-11	5,600	6.0%
Aug-11	2,200	6.0%
Sep-11	3,700	6.0%
Oct-11	500	6.0%
Nov-11	1,700	6.0%
Dec-11	2,000	6.0%
Jan-12	7,000	6.0%
Feb-12	2,400	6.0%

**Employment v. Unemployment :** 3-30-2012: February's payroll employment sees an over-the-month increase of 2,400 as the unemployment rate falls to 6.0%.

**Initial and Continued Claims :** 4-12-2012: Initial claims up 126, continued claims up 417.

**County Unemployment Rates :** 4-10-2012: Unemployment decreased in 51 counties, remained unchanged in 13 in February.

**State Unemployment Rates :** 3-30-2012: Oklahoma continues to have the lowest unemployment rate in the region.

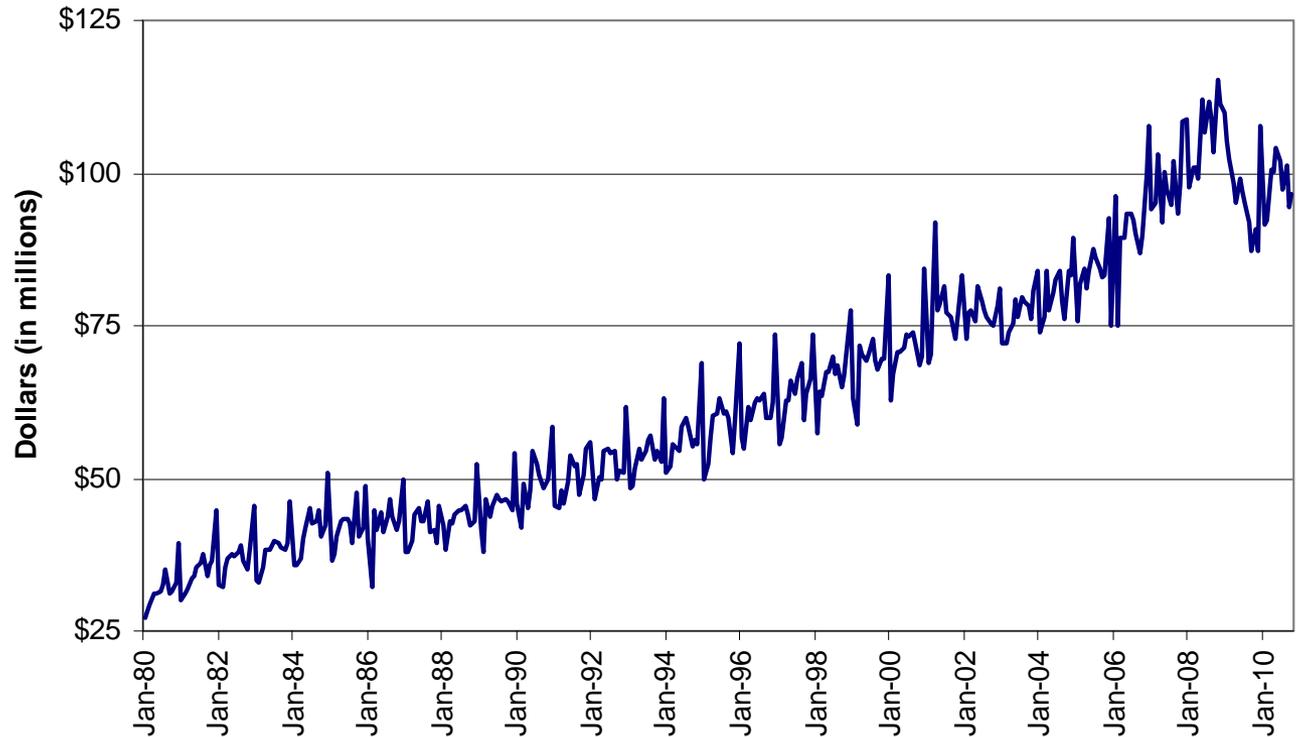
# Resources for Economic Data

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 - Southeast WIA



### About the Data:

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

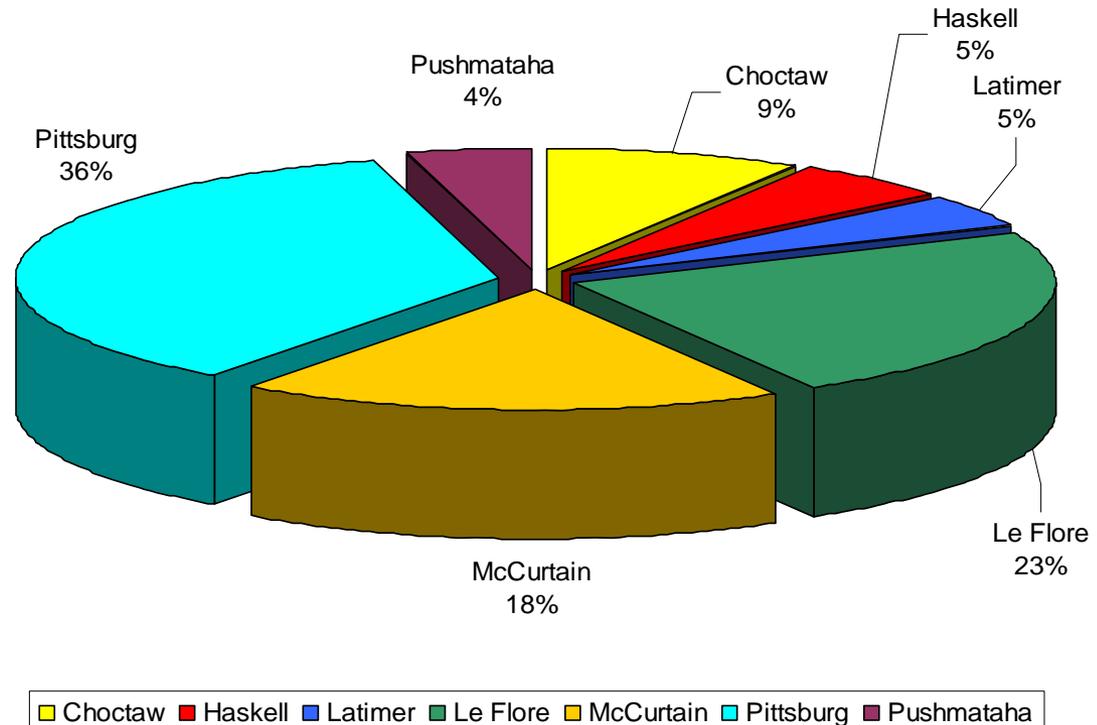
<http://origins.ou.edu>

### Monthly Sales Subject to Tax:

From January 1980 to October of 2008, the Southeast WIA has experienced consistent and positive growth. Average monthly sales subject to tax had increased from \$32 million in 1980 to \$106 million in 2008; however, since October of 2008, the monthly sales subject to tax for the Southeast WIA had declined by about \$19 million up to October 2010.

# Sales Subject to Tax

## Sales Subject to Tax - County Contribution to the Southeast 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:

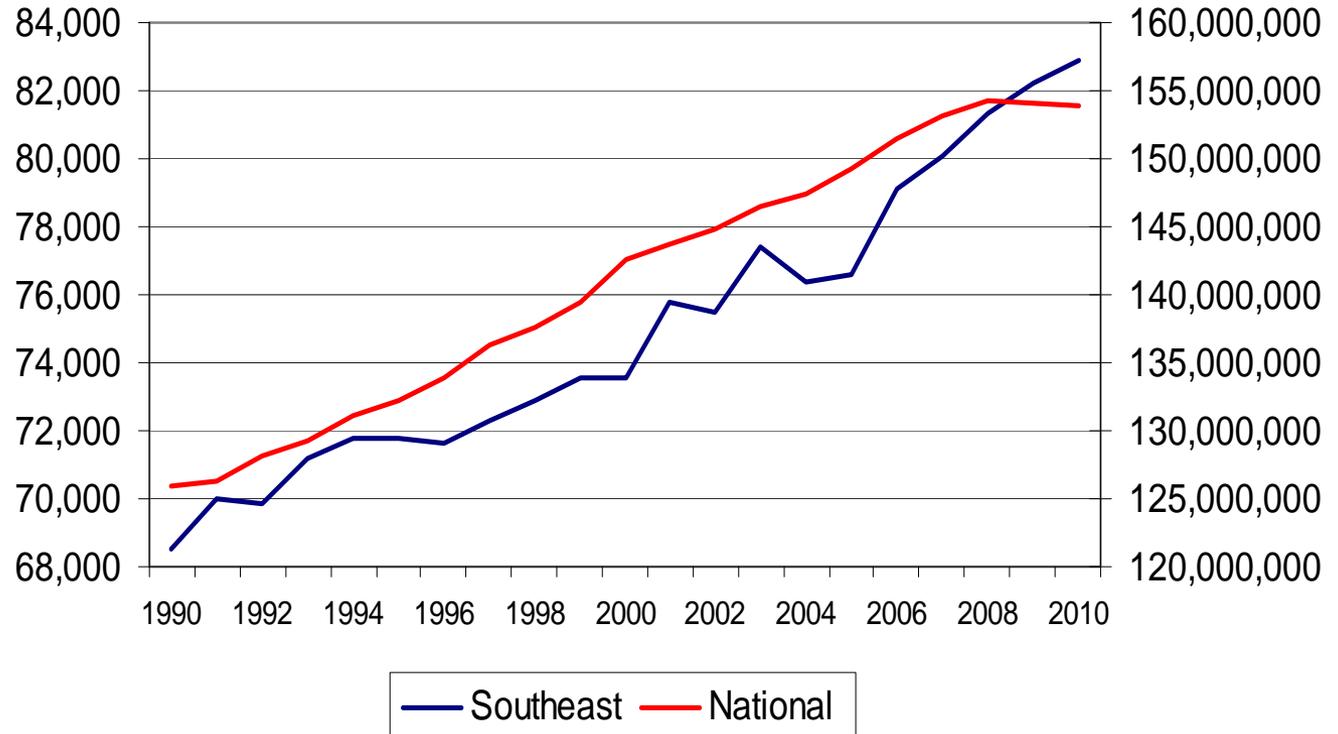
<http://origins.ou.edu>

### Monthly Sales Subject to Tax:

Pittsburg County is responsible for thirty-six percent of the total sales subject to tax for the Southeast WIA for 2010. Le Flore County came in second at twenty-three percent, while McCurtain County came in third at eighteen percent. The remaining counties each contributed between four and nine percent.

# Employment and Unemployment

Average Annual Workforce 1990 - 2010: Southeast WIA



## Workforce:

Between 1990 and 2010 the Southeast WIA's average annual workforce has been growing at a brisk and somewhat consistent rate. Between 1990 and 2010 the Southeast WIA increased its average annual workforce from 68,531 to 82,913, an increase of 20.99%.

## About the Data:

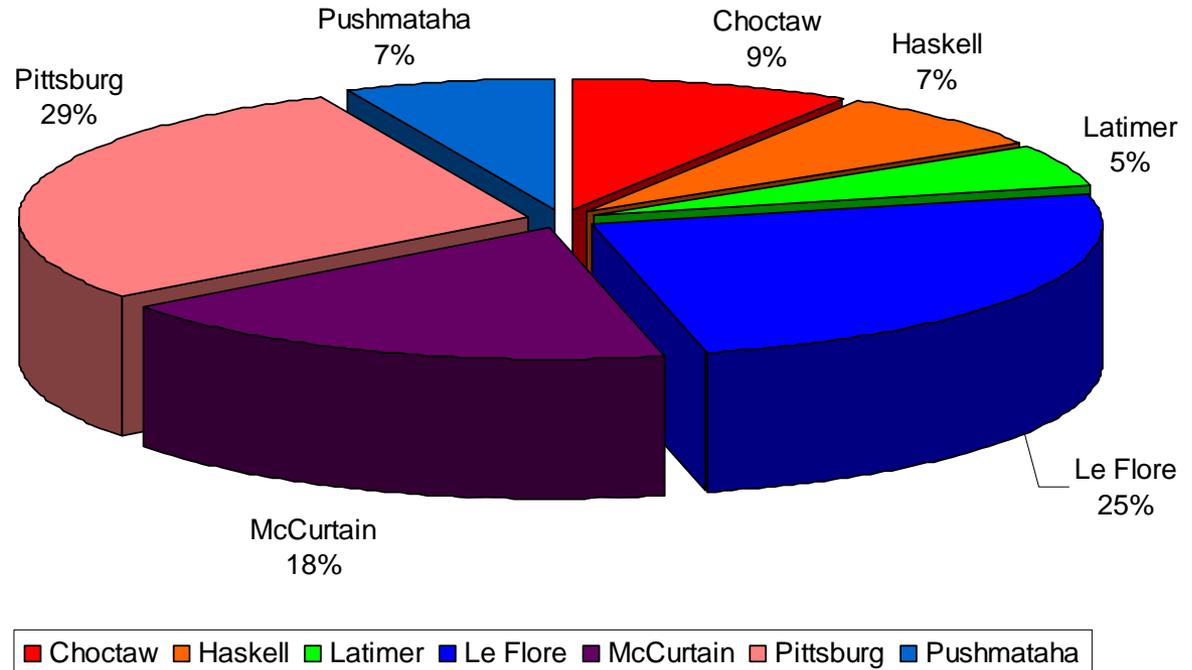
The Local Area Unemployment Statistics Program, or LAUS, provides monthly and annual estimates for labor force, employment, unemployment, and the unemployment rate. Complete data sets are available at: <http://www.bls.gov/lau>

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)

# 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>

Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis.

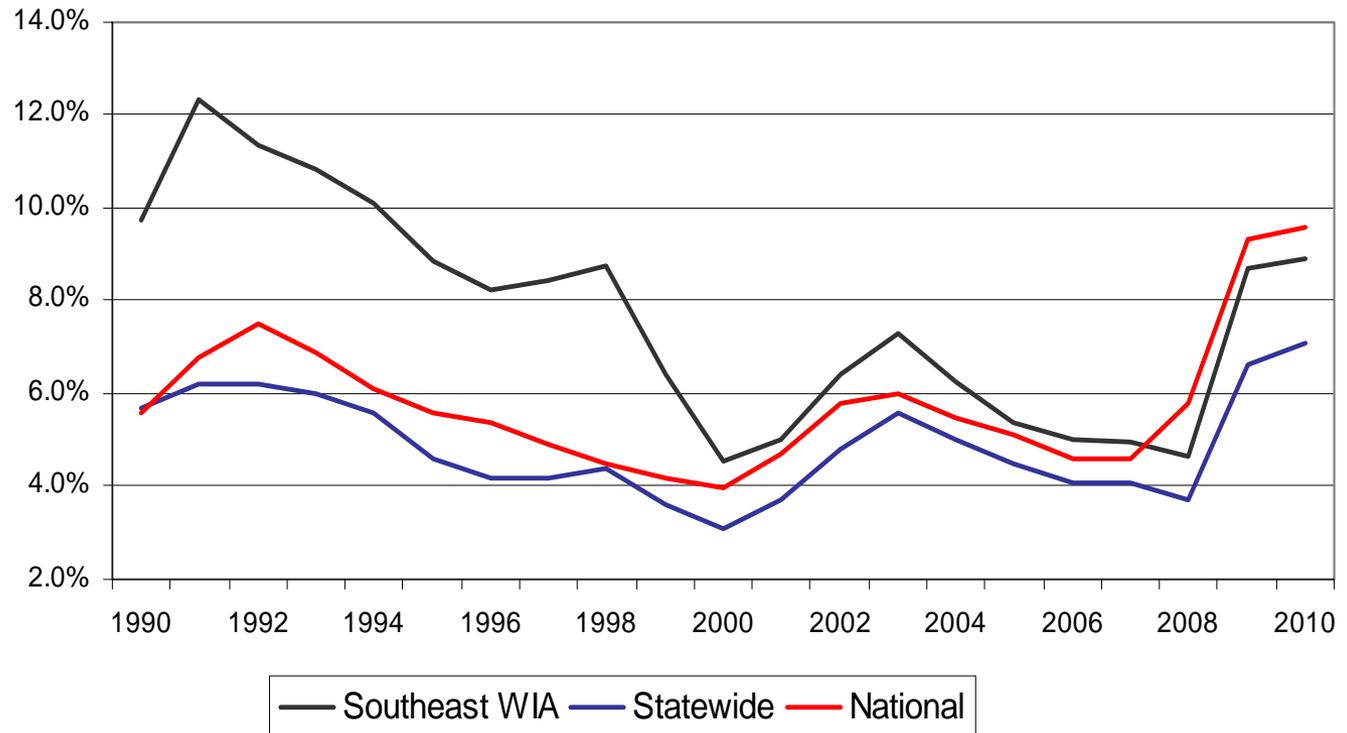
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## Workforce:

Pittsburg County is responsible for the largest portion of the Southeast WIA workforce at twenty-nine percent. Le Flore County is responsible for twenty-five percent of the Southeast WIA's workforce. McCurtain County is responsible for eighteen percent. The remaining counties are responsible for between five and nine percent of the workforce distribution.

# Employment and Unemployment

## Average Annual Unemployment Rate 1990 - 2010: Southeast 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.

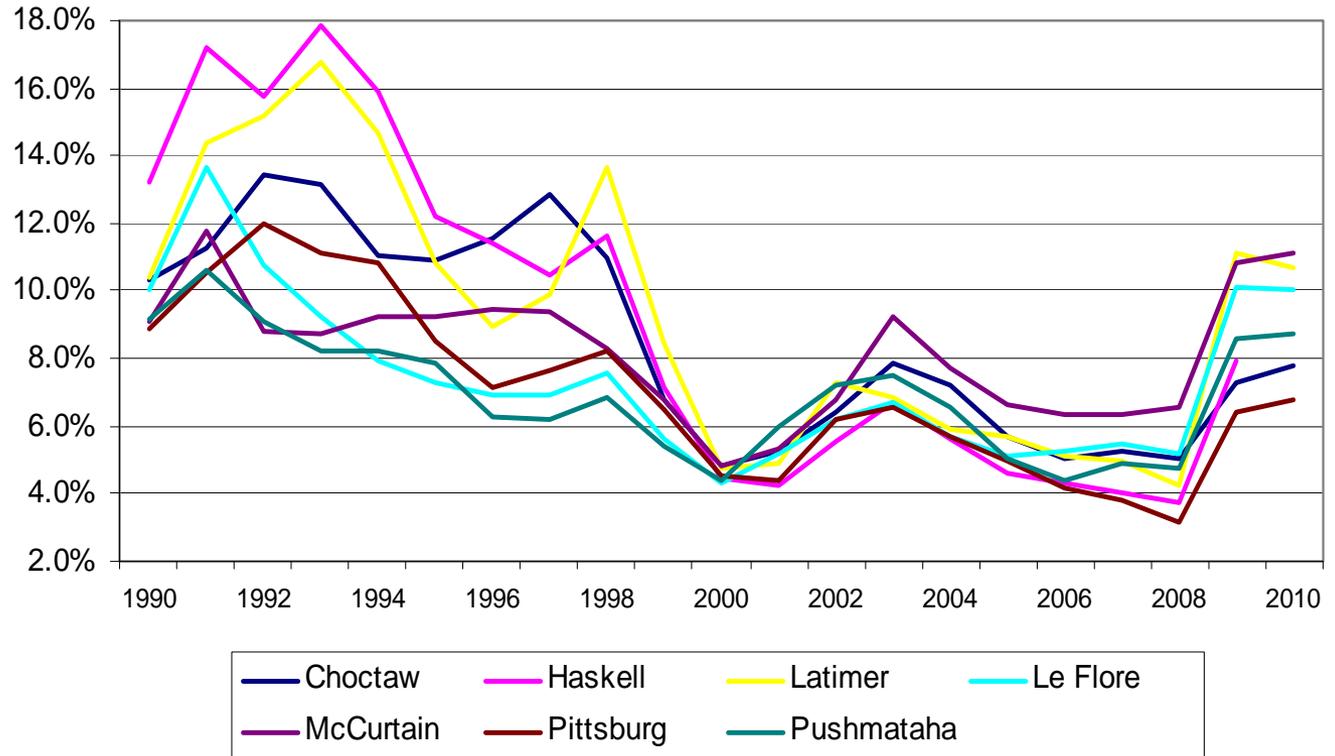
[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

The Southeast WIA's average annual unemployment rate between 1990 and 2005 remained above the statewide average but recently dipped below the national average. The Southeast WIA's average annual unemployment rate between 1990 and 2008 was 7.61%. During that same time period the national average annual unemployment rate was 5.45%, or 28.38% lower than the Southeast WIA's. Both the Southeast WIA's and national average unemployment rate increased sharply from 2008 to 2010 as well as the statewide one which remained lower than the first two.

# 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/laus>

Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis.

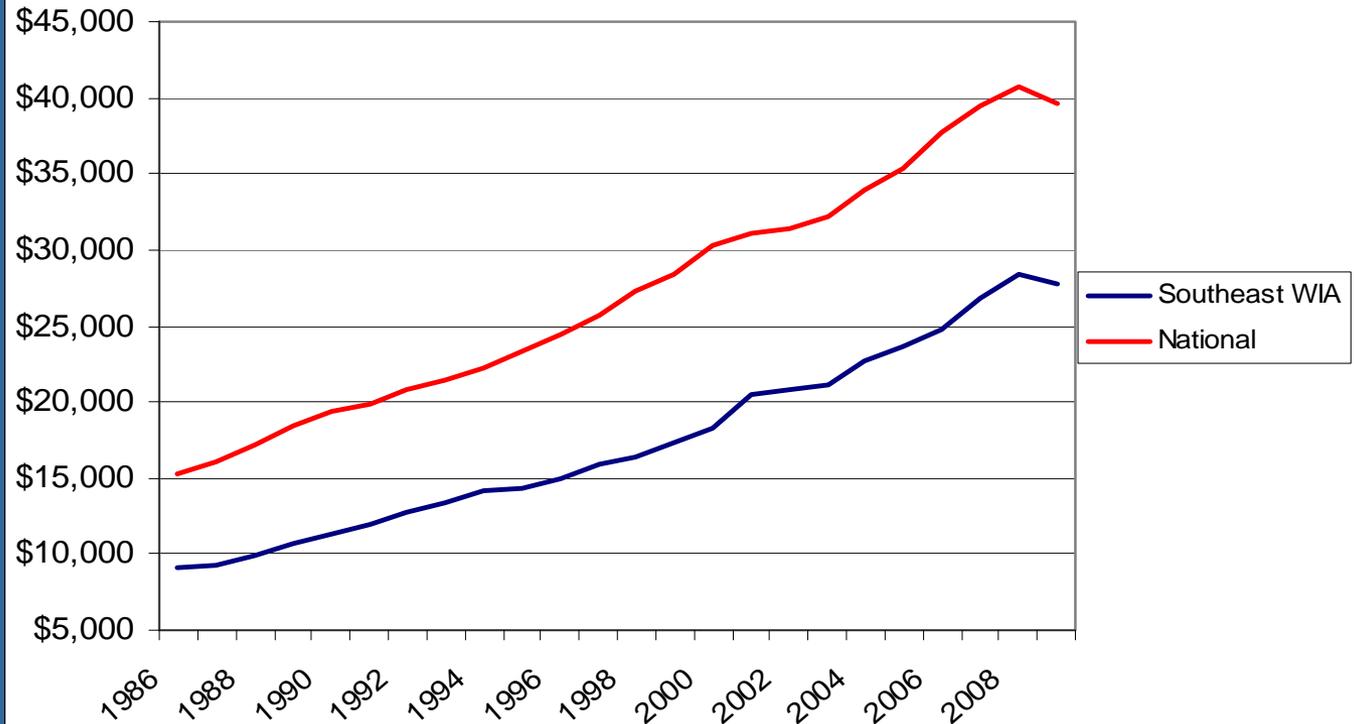
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## Workforce:

Between 1990 and 2008 each county in the Southeast WIA had fluctuating levels of unemployment. Haskell county had the highest point of unemployment at 9.26%, and Pushmataha County had the lowest average annual unemployment rate at 6.77% between 1990 and 2008. All counties experienced sharp increases in the average annual unemployment rate from 2008 to 2010.

# Per Capita Personal Income

## Per Capita Personal Income Southeast 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:

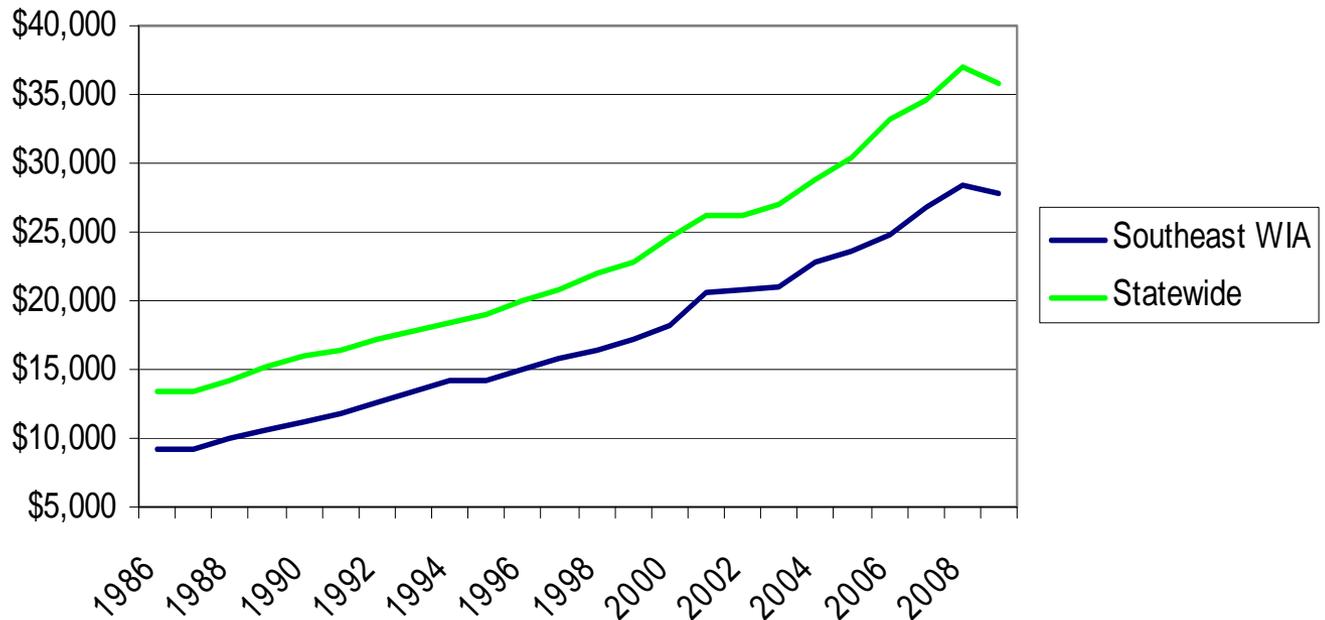
<http://www.bea.gov/>

## Per Capita Personal Income:

The Southeast WIA's per capita personal income has realized a positive increase between the years of 1986 and 2008. The Southeast WIA's per capita personal income increased somewhat more rapidly between 1997 and 2008 than it had between 1986 and 1996. The per capita personal income in the Southeast WIA increased \$19,267 over this 23 years period to \$28,383. The national per capita personal income was 43.3% higher than the WIA at \$40,674 in 2008. Both of the national and the Southeast WIA's per capita income declined between 2008 and 2009.

# Per Capita Personal Income

## Southeast WIA's Per Capita Personal Income Compared to Oklahoma Statewide's



## About the Data:

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

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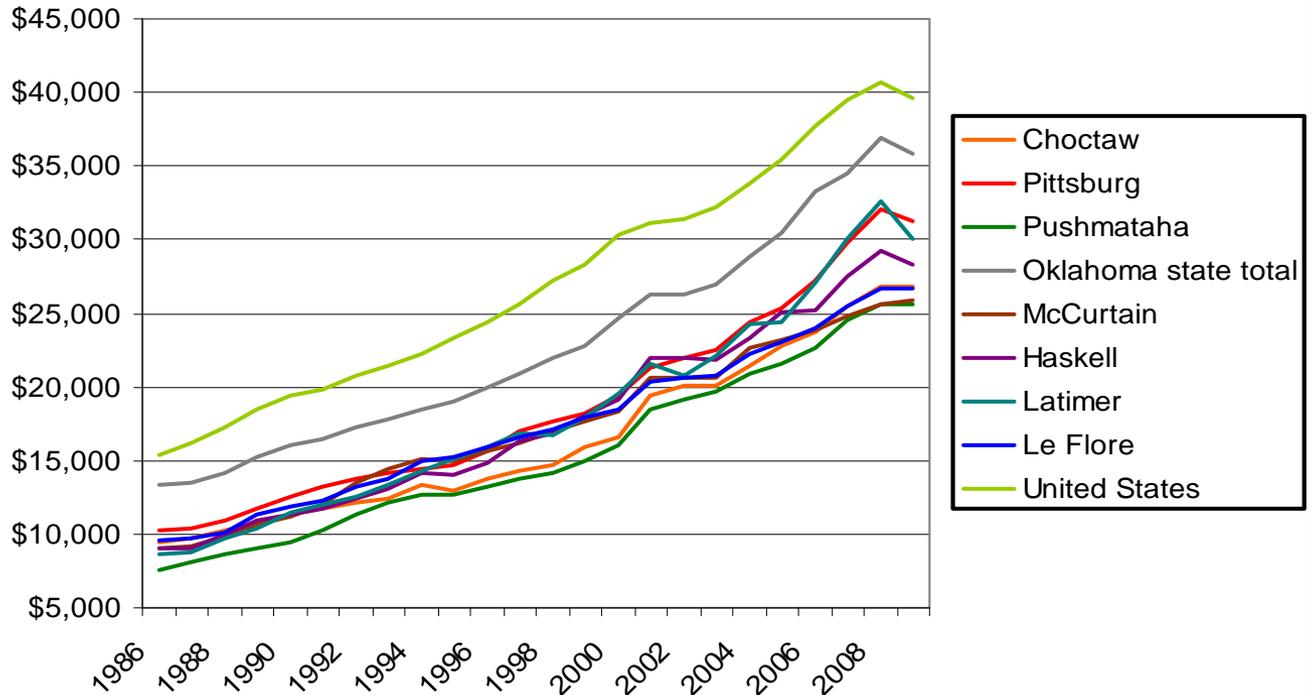
<http://www.bea.gov/>

## Per Capita Personal Income:

Between 1986 and 2009 the Southeast WIA's per capita personal income trailed that of the state average. Though each area followed a similar trend, the Southeast WIA's per capita personal income was on average \$5,606 less than the statewide average between 1986 and 2009.

# Per Capita Personal Income

Per Capita Personal 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:

From 1986 to 2009 none of the counties that the Southeast WIA is comprised of surpassed the national average per capita personal income. On average Pushmataha County has had the lowest per capita income at \$15,496 while Pittsburg County has had the highest at \$18,746 between 1986 and 2009.



# Quarterly Census of Employment and Wages

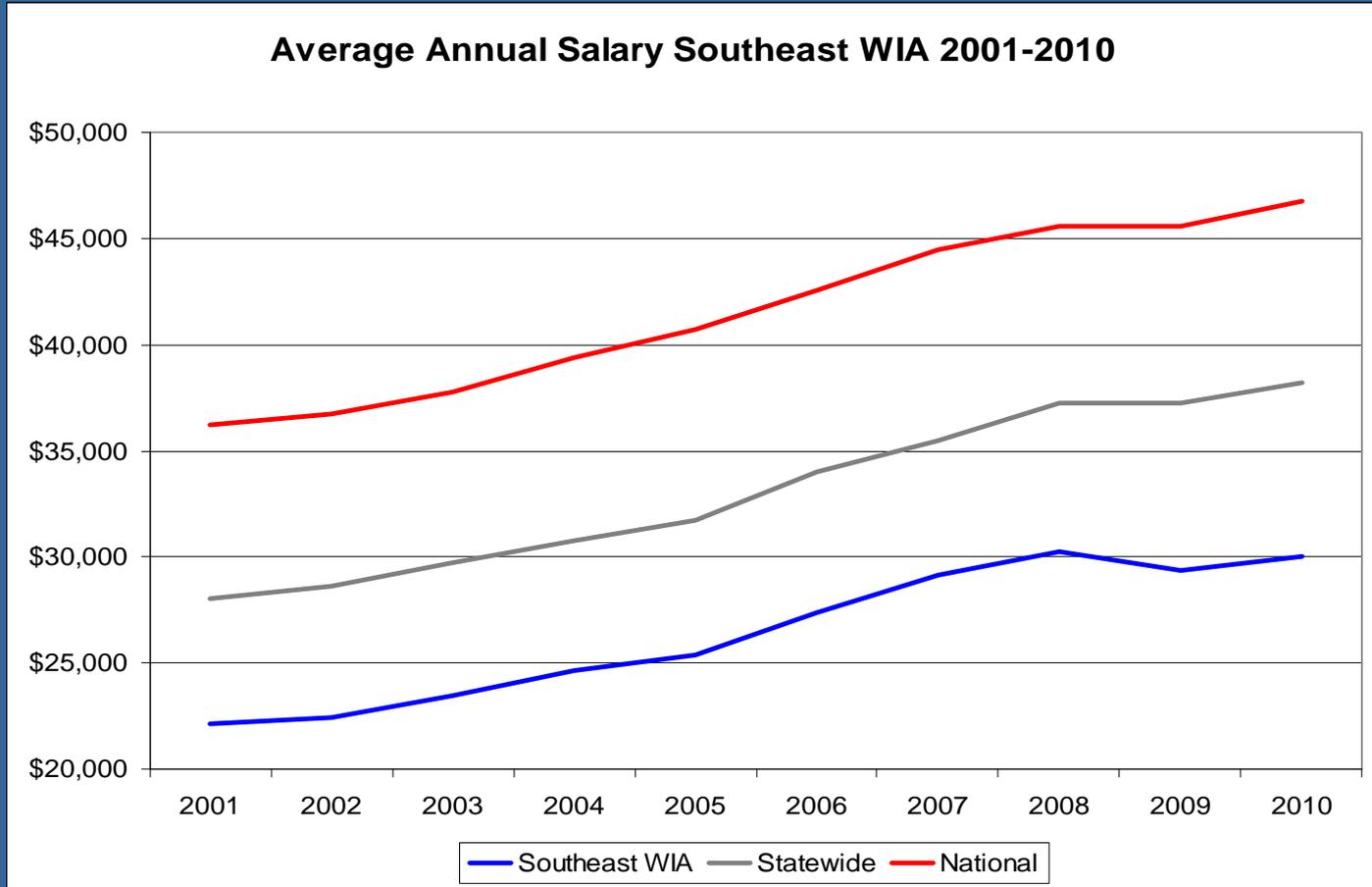
## About the Data:

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

[http://www.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 2010 the Southeast WIA followed the statewide and national trend in average annual salaries. The Southeast WIA's average annual salary trailed the statewide annual average by approximately \$6,697 during that same time period. The Southeast WIA's average annual salary increased from \$28,016 in 2001 to \$38,237 in 2010. This is an increase of 36.48% or \$10,221.



# Quarterly Census of Employment and Wages

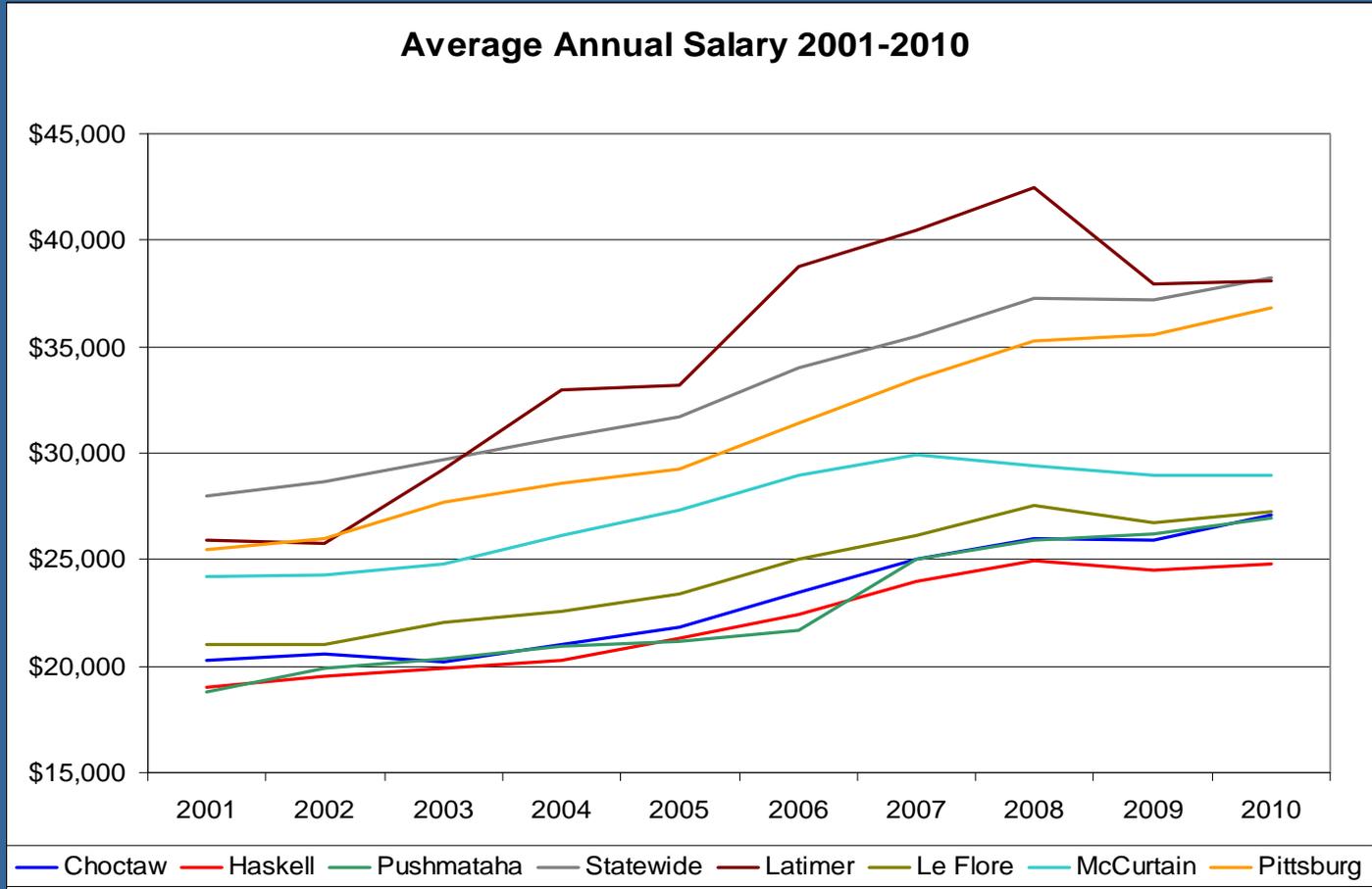
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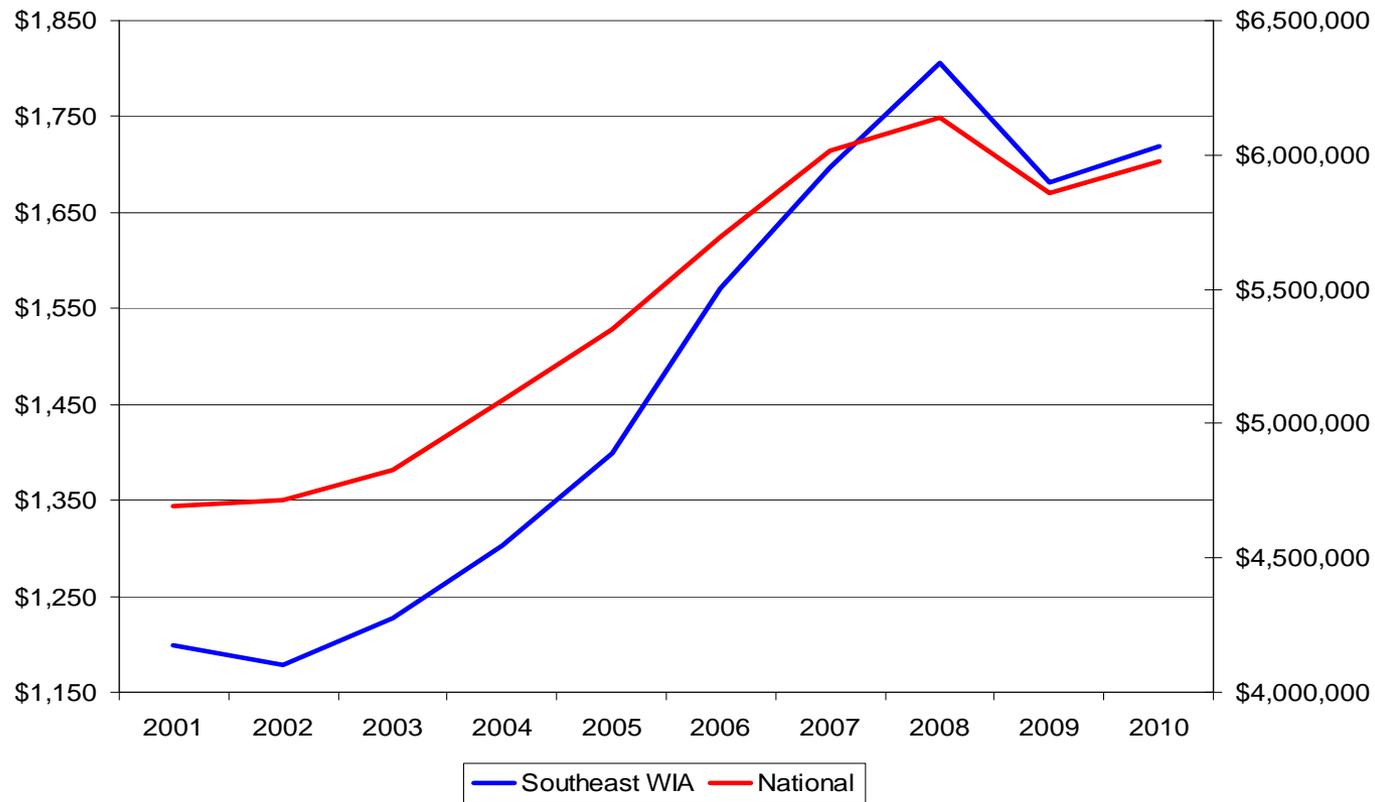
## Average Annual Salary:

Of the seven counties that the Southeast WIA is comprised of, only Latimer County had an average annual salary greater than the state average. Pittsburg County consistently had the second highest average annual salary in the Southeast WIA. Haskell and Pushmataha Counties had the two lowest average annual salaries between 2001 and 2010.



# Quarterly Census of Employment and Wages

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



## About the Data:

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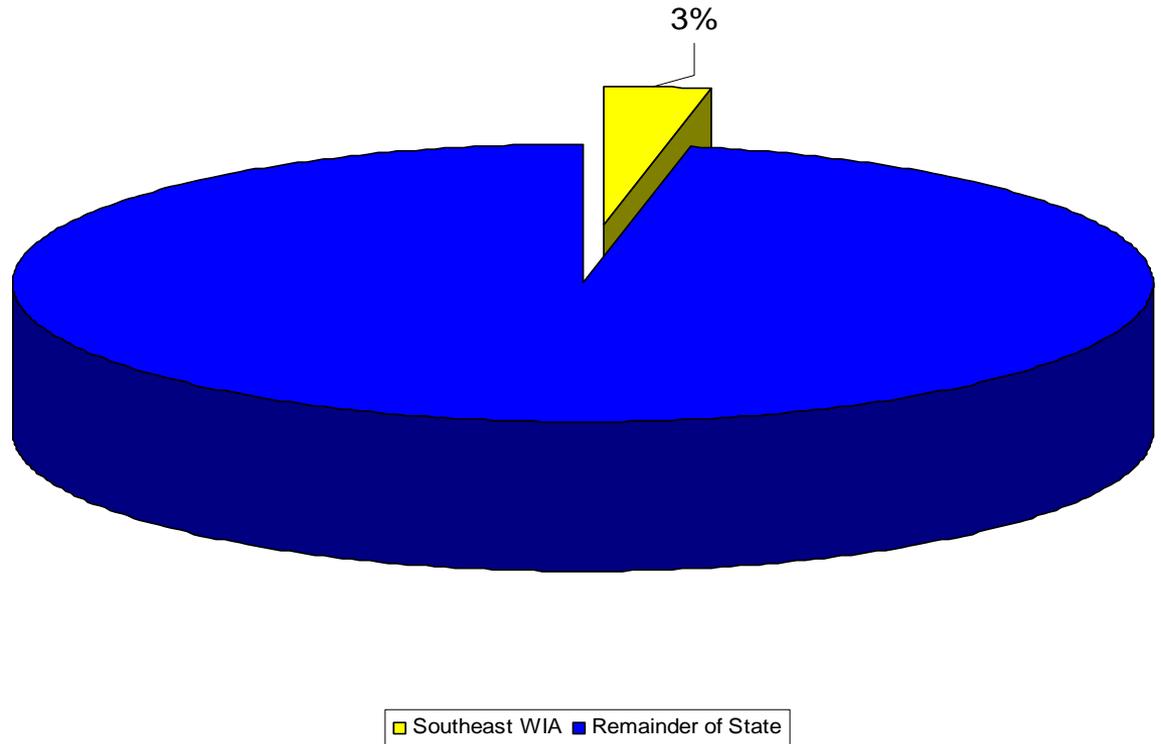
## Total Wages Paid Annually:

Total wages paid annually have increased steadily between 2001 and 2010 for the Southeast WIA though experienced some decreases between 2008 and 2009. In 2001, employers paid a payroll of \$1.198 billion. By 2010, that figure had increased to \$1.719 billion. This equates to a 43.44% increase in total wages paid over the past ten years.



# Quarterly Census of Employment and Wages

**Southeast WIA's Contribution to Total Wages Paid in Oklahoma - 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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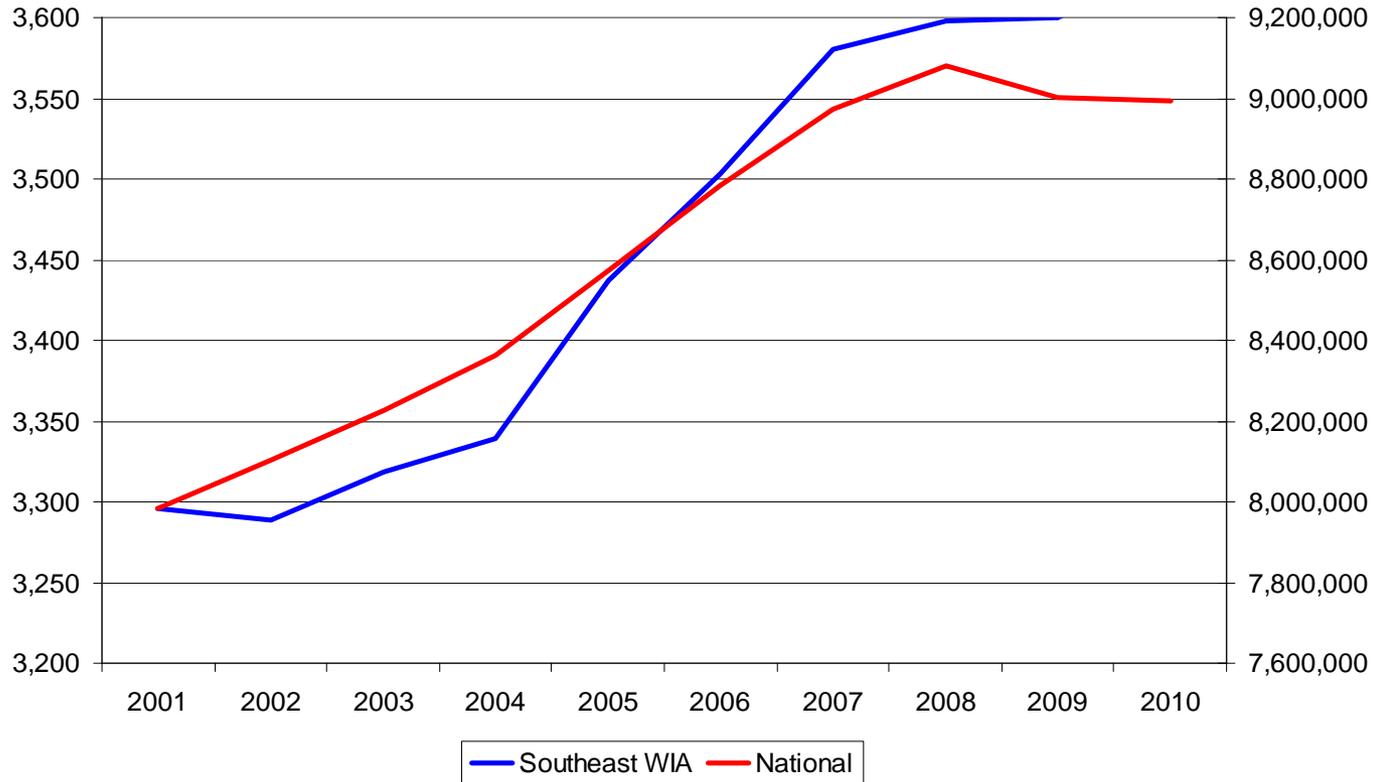
## Total Wages Paid Annually:

The Southeast WIA's total annual wages paid for 2010 were \$1.719 billion. The Southeast WIA contributed 3% of the state's total annual wages paid in 2010. The total annual wages paid in Oklahoma in 2010 were \$56.797 billion dollars.



# Quarterly Census of Employment and Wages

### Number of Business Establishments in the Southeast 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:

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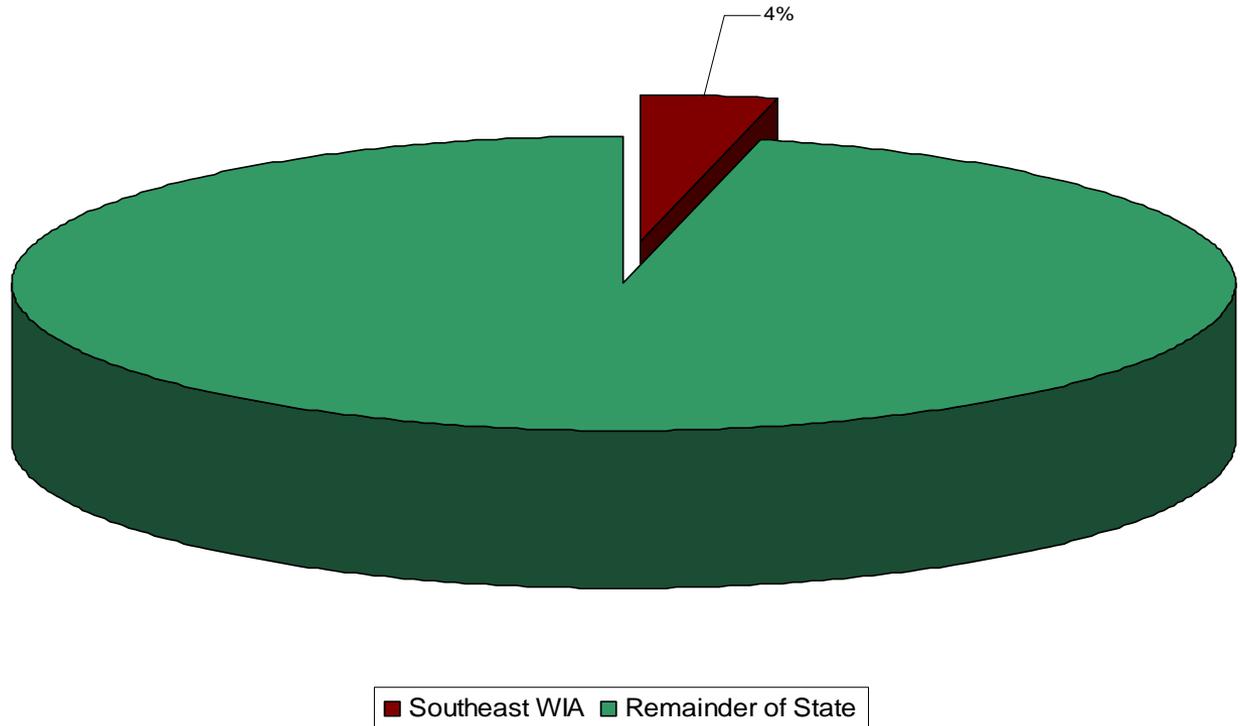
## Number of Business Establishments:

The Southeast WIA has experienced positive growth in the number of business establishments located within its boundaries. Between the years of 2001 and 2010, the Southeast WIA realized a 10.25% increase in the number of business establishments, this equates to 338 establishments.



# Quarterly Census of Employment and Wages

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



### About the Data:

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### Number of Business Establishments:

Of the 102,337 business establishments in Oklahoma in 2010, approximately four percent, or 3,634 were located in the Southeast 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	68	466	\$4,053,252	\$668.60
Mining	133	2,517	\$35,442,049	\$1,083.30
Utilities	85	855	\$11,381,204	\$1,023.95
Construction	271	2,892	\$26,055,165	\$692.95
Manufacturing	146	8,662	\$89,218,225	\$792.27
Wholesale Trade	128	946	\$7,750,126	\$630.42
Retail Trade	547	6,262	\$31,792,660	\$390.54
Transportation and Warehousing	194	1,644	\$17,091,798	\$799.57
Information	57	507	\$4,424,706	\$671.77
Finance and Insurance	233	1,765	\$18,017,116	\$785.08
Real Estate and Rental and Leasing	89	437	\$3,198,286	\$562.98
Professional, Scientific and Technical Services	266	1,099	\$10,194,236	\$713.75
Management of Companies and Enterprises	5	62	\$416,438	\$519.47
Administrative and Support and Waste Management	139	1,784	\$10,991,590	\$473.85
Educational Services	83	5,848	\$60,008,392	\$789.38
Health Care and Social Assistance	376	8,954	\$57,074,553	\$490.34
Arts, Entertainment and Recreation	39	ND	ND	ND
Accommodation and Food Services	248	3,406	\$10,445,511	\$235.91
Other Services (except Public Administration)	209	1,282	\$9,094,146	\$545.67
Public Administration	273	4,741	\$41,509,405	\$673.45

### 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:

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### Second Quarter 2011 Data:

In the Southeast WIA, the "Health Care and Social Assistance" industry, with an average quarterly employment of 8,954, employs the most people. The "Retail Trade" industry is responsible for having the most establishments. It is, however, the "Mining" industry (which includes oil and gas) that has the highest average weekly wage at \$1083.30

# Employment Projections 2008-2018

## SOUTHEAST 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	48,490	56,030	7,540	15.5%	18,900	\$15.44	
41-2011	Cashiers	1,880	2,020	140	7.5%	990	\$8.32	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,650	2,160	510	30.8%	800	\$15.22	Short-term on-the-job training
41-2031	Retail Salespersons	1,540	1,730	190	12.6%	620	\$10.55	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Team Assemblers	1,170	1,520	350	29.8%	600	\$8.41	Short-term on-the-job training
51-2092	Team Assemblers	1,070	1,380	310	28.9%	550	\$11.09	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Laborers and Freight, Stock, and Auditing Clerks	1,290	1,400	120	9.2%	530	\$10.29	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,260	1,520	270	21.1%	420	\$12.45	Moderate-term on-the-job training
25-2021	Elementary School Teachers, Except Special Educators	980	1,110	130	13.6%	360	N/A	Bachelor's degree
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	880	1,000	120	13.3%	310	\$13.24	Work experience in a related occupation
51-4121	Welders, Cutters, Solderers, and Brazers	640	760	120	18.3%	310	\$15.78	Postsecondary vocational training
53-7051	Industrial Truck and Tractor Operators	560	680	110	20.3%	280	\$15.45	Short-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational Education Teachers	750	800	50	6.8%	270	N/A	Bachelor's degree
35-3031	Waiters and Waitresses	360	440	70	20.4%	270	\$8.33	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	540	680	130	24.6%	220	N/A	Moderate-term on-the-job training
11-1021	General and Operations Managers	580	620	40	6.6%	210	\$35.07	Bachelor's or higher degree, plus work experience
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	820	870	50	6.2%	210	\$9.59	Short-term on-the-job training
43-3071	Tellers	370	410	50	12.5%	200	\$9.98	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Related Occupations	520	600	90	16.6%	190	\$26.52	Work experience in a related occupation
47-2061	Construction Laborers	540	690	150	27.4%	190	\$11.62	Moderate-term on-the-job training
25-9041	Teacher Assistants	610	660	50	7.5%	180	N/A	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	520	580	60	10.7%	180	\$9.34	Short-term on-the-job training
43-9061	Office Clerks, General	560	660	100	18.7%	180	\$11.17	Short-term on-the-job training
43-4051	Customer Service Representatives	290	350	70	23.9%	160	\$13.41	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	470	540	70	14.2%	150	\$14.87	Moderate-term on-the-job training
33-9032	Security Guards	270	350	80	30.3%	140	\$14.89	Short-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	310	390	80	27.1%	140	\$18.50	Moderate-term on-the-job training
13-1199	Business Operations Specialists, All Other	280	340	60	22.7%	130	N/A	Bachelor's degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Parts and Accessories Sales	280	350	60	22.3%	130	\$20.65	Work experience in a related occupation
41-2021	Counter and Rental Clerks	160	230	70	47.7%	120	\$9.34	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Occupations	330	380	50	14.4%	120	\$19.23	Work experience in a related occupation

## Occupation with the Most Openings:

Between 2008 and 2018, the Southeast WIA is estimated to add 7,540 jobs. Of those, “cashiers”, “truck drivers, heavy and tractor-trailer”, 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 Southeast 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)

# Employment Projections 2008-2018

## SOUTHEAST 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	48,490	56,030	7,540	15.5%	18,900	\$15.44	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,650	2,160	510	30.8%	800	\$15.22	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,170	1,520	350	29.8%	600	\$8.41	Short-term on-the-job training
51-2092	Team Assemblers	1,070	1,380	310	28.9%	550	\$11.09	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,260	1,520	270	21.1%	420	\$12.45	Moderate-term on-the-job training
41-2031	Retail Salespersons	1,540	1,730	190	12.6%	620	\$10.55	Short-term on-the-job training
47-2061	Construction Laborers	540	690	150	27.4%	190	\$11.62	Moderate-term on-the-job training
41-2011	Cashiers	1,880	2,020	140	7.5%	990	\$8.32	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Educators	980	1,110	130	13.6%	360	N/A	Bachelor's degree
49-9042	Maintenance and Repair Workers, General	540	680	130	24.6%	220	N/A	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Including Teamsters	1,290	1,400	120	9.2%	530	\$10.29	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	880	1,000	120	13.3%	310	\$13.24	Work experience in a related occupation
51-4121	Welders, Cutters, Solderers, and Brazers	640	760	120	18.3%	310	\$15.78	Postsecondary vocational training
53-7051	Industrial Truck and Tractor Operators	560	680	110	20.3%	280	\$15.45	Short-term on-the-job training
43-9061	Office Clerks, General	560	660	100	18.7%	180	\$11.17	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Related Occupations	520	600	90	16.6%	190	\$26.52	Work experience in a related occupation
33-9032	Security Guards	270	350	80	30.3%	140	\$14.89	Short-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	310	390	80	27.1%	140	\$18.50	Moderate-term on-the-job training
47-2031	Carpenters	360	430	80	21.2%	120	\$16.49	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	320	400	80	24.6%	120	\$21.34	Long-term on-the-job training
35-3031	Waiters and Waitresses	360	440	70	20.4%	270	\$8.33	Short-term on-the-job training
43-4051	Customer Service Representatives	290	350	70	23.9%	160	\$13.41	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	470	540	70	14.2%	150	\$14.87	Moderate-term on-the-job training
41-2021	Counter and Rental Clerks	160	230	70	47.7%	120	\$9.34	Short-term on-the-job training
13-2011	Accountants and Auditors	250	320	70	27.8%	110	\$23.10	Bachelor's degree
43-5081	Stock Clerks and Order Fillers	520	580	60	10.7%	180	\$9.34	Short-term on-the-job training
13-1199	Business Operations Specialists, All Other	280	340	60	22.7%	130	N/A	Bachelor's degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Parts and Accessories Sales	280	350	60	22.3%	130	\$20.65	Work experience in a related occupation
53-3033	Truck Drivers, Light or Delivery Services	310	370	60	20.0%	120	\$14.36	Short-term on-the-job training
47-5061	Rock Splitters, Quarry	220	280	60	27.4%	100	\$11.37	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	190	250	60	32.6%	90	\$18.29	Bachelor's degree

## Occupations with the Most Growth:

For the Southeast WIA, “truck drivers, heavy and tractor-trailer”, “combined food preparation and serving workers, including fast food”, and “team assemblers” are expected to have the most job growth. Job growth is defined as new positions available due to growth or expansion, as opposed to including employee turnover.

### 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 Southeast 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)

# Industry Projections 2008-2018

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

INDUSTRY	EMPLOYMENT		Employment Change, 2008-2018	
	2008	2018	Numeric	Percent
Total	58,100	71,340	13,240	22.79%
Agriculture, Forestry, Fishing and Hunting	600	600	0	-0.33%
Mining	3,360	3,660	300	8.78%
Utilities	500	530	30	5.40%
Construction	3,170	3,980	810	25.62%
Manufacturing	7,220	7,850	640	8.80%
Wholesale Trade	1,020	1,240	220	21.27%
Retail Trade	6,270	6,740	470	7.45%
Transportation and Warehousing	1,480	2,010	530	35.68%
Information	530	520	-10	-2.08%
Finance and Insurance	1,720	1,880	160	9.36%
Real Estate and Rental and Leasing	490	820	330	68.16%
Professional, Scientific, and Technical Services	1,180	1,490	310	26.10%
Management of Companies and Enterprises	70	150	80	111.43%
Administrative and Support and Waste Management and Remediation Services	2,650	3,620	970	36.64%
Educational Services	5,930	6,450	520	8.74%
Health Care and Social Assistance	8,360	12,320	3,960	47.42%
Arts, Entertainment, and Recreation	130	110	-20	-17.69%
Accommodation and Food Services	3,200	3,950	740	23.25%
Other Services (except Public Administration)	1,140	1,460	320	28.16%
Federal Government	2,360	2,860	500	21.23%
State Government	1,960	2,100	150	7.40%
Local Government	4,770	7,020	2,250	47.17%

## 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 Southeast WIA, the "Health Care and Social Assistance" industry is expected to experience the greatest growth in employment. Two of the twenty-two industry sectors are projected to experience a decrease in employment between 2008 and 2018.

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**SOUTHEAST 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	48,490	56,030	7,540	15.5%	18,900	\$15.44	
11-1011	Chief Executives	170	180	10	4.8%	60	\$51.48	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	580	620	40	6.6%	210	\$35.07	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	40	60	20	37.5%	20	\$32.17	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	50	50	0	8.3%	10	\$19.61	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	20	30	0	8.7%	10	\$30.77	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	100	110	10	10.7%	30	\$34.03	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	80	80	0	5.1%	30	\$34.86	Work experience in a related occupation
11-3061	Purchasing Managers	20	20	0	5.3%	10	\$33.77	Bachelor's or higher degree, plus work experience
11-9021	Construction Managers	160	200	40	24.2%	50	\$32.32	Bachelor's degree
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	7.7%	60	N/A	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	20	20	0	0.0%	0	\$46.08	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	120	140	20	17.5%	40	\$14.28	Work experience in a related occupation
11-9131	Postmasters and Mail Superintendents	70	70	0	-1.4%	10	\$26.23	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	190	250	60	32.6%	90	\$18.29	Bachelor's degree
11-9151	Social and Community Service Managers	20	30	10	31.6%	10	\$21.44	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	80	90	10	18.2%	30	\$22.28	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	40	50	10	30.8%	20	\$26.91	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, ;	90	120	30	36.0%	40	\$24.56	Long-term on-the-job training
13-1051	Cost Estimators	60	90	30	41.7%	40	\$27.18	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	20	30	10	47.8%	20	N/A	Bachelor's degree
13-1073	Training and Development Specialists	20	20	0	17.6%	10	N/A	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	20	30	10	23.8%	10	N/A	Bachelor's degree
13-1081	Logisticians	90	130	30	35.9%	50	\$36.23	Bachelor's degree
13-1111	Management Analysts	110	150	50	46.7%	70	\$29.52	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	280	340	60	22.7%	130	N/A	Bachelor's degree
13-2011	Accountants and Auditors	250	320	70	27.8%	110	\$23.10	Bachelor's degree
13-2072	Loan Officers	270	310	50	16.9%	70	\$21.97	Moderate-term on-the-job training
15-1031	Computer Software Engineers, Applications	30	30	10	18.5%	10	N/A	Bachelor's degree
15-1041	Computer Support Specialists	50	50	0	0.0%	10	N/A	Associate degree
15-1071	Network and Computer Systems Administrators	40	40	10	13.5%	10	N/A	Bachelor's degree
17-2071	Electrical Engineers	20	20	0	4.8%	10	\$32.97	Bachelor's degree
17-2112	Industrial Engineers	30	40	10	23.3%	20	\$32.34	Bachelor's degree
17-2141	Mechanical Engineers	60	70	10	20.7%	30	\$29.62	Bachelor's degree
17-2171	Petroleum Engineers	70	90	20	35.8%	40	N/A	Bachelor's degree
17-3023	Electrical and Electronic Engineering Technicians	20	20	0	0.0%	0	\$29.80	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	20	20	0	22.2%	10	\$22.57	Associate degree
17-3031	Surveying and Mapping Technicians	20	30	0	16.7%	10	\$15.67	Moderate-term on-the-job training
19-1029	Biological Scientists, All Other	30	40	10	38.5%	20	\$30.26	Doctoral degree
19-1032	Foresters	20	30	10	30.4%	10	\$30.47	Bachelor's degree
19-4093	Forest and Conservation Technicians	30	40	10	30.3%	20	\$20.02	Associate degree
21-1012	Educational, Vocational, and School Counselors	100	110	10	12.2%	30	\$20.78	Master's degree
21-1021	Child, Family, and School Social Workers	160	170	10	8.1%	50	\$16.87	Bachelor's degree
21-1093	Social and Human Service Assistants	50	50	0	6.7%	10	\$10.75	Moderate-term on-the-job training
25-1000	Postsecondary Teachers	310	350	50	16.1%	100	N/A	
25-2011	Preschool Teachers, Except Special Education	120	140	20	17.1%	40	\$15.49	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	160	180	20	14.6%	50	N/A	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	980	1,110	130	13.6%	360	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	12.6%	110	N/A	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0%	0	N/A	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	750	800	50	6.8%	270	N/A	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	100	110	10	8.2%	40	N/A	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sch	90	100	20	16.9%	40	N/A	Bachelor's degree
25-2042	Special Education Teachers, Middle School	40	50	10	18.2%	20	N/A	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	60	70	10	12.1%	20	N/A	Bachelor's degree
25-3099	Teachers and Instructors, All Other	320	370	50	16.9%	100	N/A	Bachelor's degree
25-4021	Librarians	70	70	0	4.5%	20	\$19.69	Master's degree

**SOUTHEAST 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			
25-4031	Library Technicians	50	50	0	6.0%	30	\$10.99	Postsecondary vocational training
25-9041	Teacher Assistants	610	660	50	7.5%	180	N/A	Short-term on-the-job training
27-1024	Graphic Designers	40	50	10	14.6%	20	\$14.65	Bachelor's degree
27-2022	Coaches and Scouts	50	60	10	28.6%	20	N/A	Long-term on-the-job training
27-3031	Public Relations Specialists	30	30	10	21.4%	10	\$19.66	Bachelor's degree
29-1051	Pharmacists	40	60	10	25.0%	20	\$52.10	First professional degree
29-1111	Registered Nurses	180	240	60	30.6%	90	\$23.79	Associate degree
29-1127	Speech-Language Pathologists	40	40	0	8.3%	10	\$25.16	Master's degree
29-1131	Veterinarians	30	30	10	32.0%	10	\$35.79	First professional degree
29-2052	Pharmacy Technicians	60	80	20	37.7%	40	\$10.98	Moderate-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	50	60	10	9.6%	20	\$16.88	Postsecondary vocational training
29-9011	Occupational Health and Safety Specialists	40	50	10	18.6%	20	\$33.81	Bachelor's degree
31-1011	Home Health Aides	20	20	0	6.3%	0	\$10.94	Short-term on-the-job training
31-9092	Medical Assistants	60	70	10	8.3%	10	\$11.85	Moderate-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	60	80	20	24.6%	20	\$10.51	Short-term on-the-job training
33-2011	Fire Fighters	30	40	10	33.3%	20	\$13.52	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	100	110	10	8.2%	30	\$13.53	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	40	40	0	10.8%	10	\$25.41	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	50	50	0	8.3%	20	\$14.44	Long-term on-the-job training
33-9032	Security Guards	270	350	80	30.3%	140	\$14.89	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	40	50	10	25.0%	40	\$11.47	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	280	270	0	-1.4%	70	\$8.72	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	90	110	20	22.5%	40	\$8.14	Long-term on-the-job training
35-2021	Food Preparation Workers	120	130	20	13.7%	60	\$9.04	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,170	1,520	350	29.8%	600	\$8.41	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	70	80	10	14.3%	60	\$8.16	Short-term on-the-job training
35-3031	Waiters and Waitresses	360	440	70	20.4%	270	\$8.33	Short-term on-the-job training
35-9021	Dishwashers	110	140	30	25.4%	80	\$8.50	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	80	80	0	1.3%	10	\$11.35	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	20	30	10	26.1%	10	\$15.15	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	820	870	50	6.2%	210	\$9.59	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	270	320	50	18.4%	100	\$8.84	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	180	240	60	30.6%	80	\$9.94	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	40	50	10	31.4%	30	N/A	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	880	1,000	120	13.3%	310	\$13.24	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	30	40	10	20.0%	10	\$22.96	Work experience in a related occupation
41-2011	Cashiers	1,880	2,020	140	7.5%	990	\$8.32	Short-term on-the-job training
41-2021	Counter and Rental Clerks	160	230	70	47.7%	120	\$9.34	Short-term on-the-job training
41-2031	Retail Salespersons	1,540	1,730	190	12.6%	620	\$10.55	Short-term on-the-job training
41-3021	Insurance Sales Agents	80	100	20	19.0%	40	\$20.74	Postsecondary vocational training
41-3099	Sales Representatives, Services, All Other	60	80	30	47.4%	40	\$26.53	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scier	60	90	20	34.9%	40	\$20.75	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical ar	280	350	60	22.3%	130	\$20.65	Work experience in a related occupation
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Worl	330	380	50	14.4%	120	\$19.23	Work experience in a related occupation
43-3021	Billing and Posting Clerks and Machine Operators	100	120	20	22.4%	40	\$13.24	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,260	1,520	270	21.1%	420	\$12.45	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	80	80	0	0.0%	20	\$14.14	Moderate-term on-the-job training
43-3061	Procurement Clerks	50	60	10	16.7%	30	\$15.77	Moderate-term on-the-job training
43-3071	Tellers	370	410	50	12.5%	200	\$9.98	Short-term on-the-job training
43-4051	Customer Service Representatives	290	350	70	23.9%	160	\$13.41	Moderate-term on-the-job training
43-4071	File Clerks	20	20	0	-20.0%	10	\$10.32	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	170	220	50	28.1%	110	\$8.71	Short-term on-the-job training
43-4121	Library Assistants, Clerical	30	30	0	12.0%	10	\$9.30	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	80	80	10	6.4%	20	\$11.35	Short-term on-the-job training
43-4141	New Accounts Clerks	50	50	0	6.7%	20	\$12.46	Work experience in a related occupation
43-4151	Order Clerks	20	10	0	-23.5%	10	\$10.60	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	30	30	0	-5.9%	10	\$14.26	Short-term on-the-job training

**SOUTHEAST 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			
43-4171	Receptionists and Information Clerks	180	220	40	21.3%	90	\$9.53	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	50	50	0	-2.0%	10	\$18.89	Short-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	120	140	20	13.1%	40	\$11.31	Moderate-term on-the-job training
43-5051	Postal Service Clerks	40	40	0	-5.1%	10	\$25.13	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	160	180	30	16.7%	80	\$22.60	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	60	50	-10	-20.0%	10	\$14.80	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	60	70	10	9.4%	20	\$22.31	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	270	280	20	6.0%	80	\$11.75	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	520	580	60	10.7%	180	\$9.34	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	50	40	0	-8.9%	20	\$10.63	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	230	270	40	16.7%	70	\$16.53	Work experience in a related occupation
43-6014	Secretaries, Except Legal, Medical, and Executive	610	640	30	4.9%	110	\$11.49	Moderate-term on-the-job training
43-9021	Data Entry Keyers	40	40	0	0.0%	10	\$10.41	Moderate-term on-the-job training
43-9061	Office Clerks, General	560	660	100	18.7%	180	\$11.17	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Wc	520	600	90	16.6%	190	\$26.52	Work experience in a related occupation
47-2031	Carpenters	360	430	80	21.2%	120	\$16.49	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	90	110	20	19.8%	40	\$16.27	Moderate-term on-the-job training
47-2061	Construction Laborers	540	690	150	27.4%	190	\$11.62	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	8.1%	20	\$12.42	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	310	390	80	27.1%	140	\$18.50	Moderate-term on-the-job training
47-2111	Electricians	120	130	20	13.6%	50	\$22.69	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	100	120	20	17.5%	40	N/A	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	120	140	20	13.4%	40	\$19.59	Long-term on-the-job training
47-3012	Helpers--Carpenters	20	30	10	40.0%	10	\$11.35	Short-term on-the-job training
47-5051	Rock Splitters, Quarry	220	280	60	27.4%	100	\$11.37	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	470	540	70	14.2%	150	\$14.87	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	160	180	20	12.0%	60	\$24.68	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	7.7%	10	\$11.64	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	90	120	30	28.7%	40	\$18.52	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	170	230	60	35.3%	90	\$26.40	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	80	100	20	20.3%	30	\$16.24	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	130	150	30	21.6%	60	\$18.51	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	120	140	10	11.6%	40	\$16.65	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	250	290	40	16.4%	100	\$16.10	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	70	10	24.5%	20	\$20.46	Long-term on-the-job training
49-3093	Tire Repairers and Changers	80	90	0	4.8%	20	\$10.52	Short-term on-the-job training
49-9041	Industrial Machinery Mechanics	320	400	80	24.6%	120	\$21.34	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	540	680	130	24.6%	220	N/A	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	30	30	0	14.8%	10	\$14.56	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	90	100	10	11.6%	40	\$24.80	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	60	60	0	-5.2%	10	\$21.17	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	80	100	20	18.5%	50	\$11.18	Short-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	350	380	30	8.5%	80	\$25.25	Work experience in a related occupation
51-2041	Structural Metal Fabricators and Fitters	40	50	10	11.6%	10	N/A	Moderate-term on-the-job training
51-2092	Team Assemblers	1,070	1,380	310	28.9%	550	\$11.09	Moderate-term on-the-job training
51-3011	Bakers	50	60	10	13.5%	20	\$8.70	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	130	150	20	14.2%	60	\$12.43	Long-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	16.7%	30	N/A	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	50	60	10	23.5%	20	\$17.86	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	40	40	0	-2.5%	10	\$12.87	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	20	20	0	-13.0%	0	N/A	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators,	70	60	0	-3.1%	10	N/A	Moderate-term on-the-job training
51-4041	Machinists	220	240	20	8.3%	50	\$23.21	Long-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-2.9%	40	\$12.17	Moderate-term on-the-job training
51-4111	Tool and Die Makers	20	20	0	12.5%	0	\$27.68	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	640	760	120	18.3%	310	\$15.78	Postsecondary vocational training
51-4194	Tool Grinders, Filers, and Sharpeners	20	30	0	13.6%	10	N/A	Moderate-term on-the-job training

**SOUTHEAST 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			
51-5021	Job Printers	30	30	0	-13.3%	0	N/A	Long-term on-the-job training
51-5023	Printing Machine Operators	30	30	0	-3.6%	10	N/A	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	120	140	20	20.7%	40	\$8.38	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	250	290	40	16.7%	90	N/A	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	30	40	10	28.1%	20	N/A	Moderate-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	30	50	10	35.3%	20	\$13.80	Long-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	30	40	10	37.9%	20	\$12.07	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	100	120	20	20.8%	40	\$9.19	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	250	270	20	9.3%	60	\$17.84	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	30	30	0	0.0%	10	\$17.93	Moderate-term on-the-job training
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	90	100	10	5.6%	20	\$20.32	Work experience in a related occupation
53-3022	Bus Drivers, School	220	210	-10	-4.2%	40	\$9.44	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	70	90	20	31.9%	30	\$14.52	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,650	2,160	510	30.8%	800	\$15.22	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	310	370	60	20.0%	120	\$14.36	Short-term on-the-job training
53-6031	Service Station Attendants	20	30	0	17.4%	10	N/A	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	200	240	40	22.3%	100	\$14.27	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	560	680	110	20.3%	280	\$15.45	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,290	1,400	120	9.2%	530	\$10.29	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	270	270	-10	-2.9%	50	N/A	Short-term on-the-job training
53-7073	Wellhead Pumpers	90	80	-10	-6.9%	30	\$19.32	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	30	40	10	43.3%	20	\$12.03	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>56,700</b>	<b>\$15.58</b>	<b>\$32,415</b>	<b>\$8.36</b>	<b>\$17,388</b>	<b>\$19.20</b>	<b>\$39,928</b>	<b>\$9.07</b>	<b>\$18,856</b>	<b>\$12.74</b>	<b>\$26,504</b>	<b>\$18.77</b>	<b>\$39,045</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>2,310</b>	<b>\$33.52</b>	<b>\$69,727</b>	<b>\$19.48</b>	<b>\$40,520</b>	<b>\$40.54</b>	<b>\$84,331</b>	<b>\$23.91</b>	<b>\$49,729</b>	<b>\$30.56</b>	<b>\$63,563</b>	<b>\$39.01</b>	<b>\$81,139</b>
11-1011	Chief Executives	180	\$53.37	\$111,003	\$23.80	\$49,505	\$68.15	\$141,752	\$29.06	\$60,454	\$41.86	\$87,075	\$68.10	\$141,645
11-1021	General and Operations Managers	790	\$34.96	\$72,713	\$21.54	\$44,798	\$41.67	\$86,671	\$25.44	\$52,921	\$32.54	\$67,690	\$41.20	\$85,697
11-1031	Legislators	30		\$27,231		\$16,964		\$32,364		\$16,947		\$18,528		\$28,234
11-2011	Advertising and Promotions Managers		\$32.20	\$66,971	\$29.73	\$61,841	\$33.43	\$69,535	\$30.43	\$63,304	\$32.37	\$67,328	\$34.30	\$71,352
11-2021	Marketing Managers	30	\$36.76	\$76,450	\$21.12	\$43,929	\$44.57	\$92,711	\$24.77	\$51,528	\$38.46	\$80,006	\$42.85	\$89,135
11-2022	Sales Managers	40	\$34.04	\$70,794	\$19.48	\$40,509	\$41.32	\$85,937	\$21.88	\$45,512	\$32.43	\$67,457	\$47.17	\$98,121
11-3011	Administrative Services Managers	90	\$23.56	\$48,995	\$15.08	\$31,369	\$27.79	\$57,808	\$17.35	\$36,080	\$22.37	\$46,525	\$28.03	\$58,307
11-3021	Computer and Information Systems Managers	20	\$33.37	\$69,400	\$24.32	\$50,586	\$37.89	\$78,808	\$26.45	\$55,026	\$31.81	\$66,157	\$36.83	\$76,612
11-3031	Financial Managers	120	\$35.59	\$74,026	\$22.34	\$46,458	\$42.22	\$87,810	\$25.26	\$52,548	\$32.26	\$67,109	\$42.66	\$88,724
11-3051	Industrial Production Managers	80	\$31.77	\$66,091	\$22.07	\$45,899	\$36.63	\$76,187	\$24.23	\$50,409	\$27.84	\$57,916	\$39.29	\$81,719
11-3061	Purchasing Managers	20	\$38.62	\$80,323	\$27.84	\$57,904	\$44.01	\$91,532	\$31.45	\$65,424	\$37.41	\$77,803	\$48.82	\$101,551
11-3071	Transportation, Storage, and Distribution Managers	20	\$38.29	\$79,641	\$23.78	\$49,463	\$45.54	\$94,730	\$29.93	\$62,262	\$41.36	\$86,025	\$46.53	\$96,779
11-3111	Compensation and Benefits Managers	20	\$33.93	\$70,583	\$25.85	\$53,759	\$37.98	\$78,995	\$28.12	\$58,487	\$32.63	\$67,880	\$37.75	\$78,527
11-3121	Human Resources Managers	20	\$26.65	\$55,424	\$20.79	\$43,243	\$29.57	\$61,514	\$22.23	\$46,236	\$25.87	\$53,807	\$31.03	\$64,533
11-9021	Construction Managers	50	\$36.39	\$75,684	\$25.03	\$52,057	\$42.07	\$87,498	\$28.26	\$58,781	\$33.53	\$69,733	\$42.33	\$88,056
11-9032	Education Administrators, Elementary and Secondary E	140		\$69,072		\$57,803		\$74,706		\$62,414		\$69,127		\$76,559
11-9041	Engineering Managers	10	\$46.83	\$97,401	\$38.23	\$79,523	\$51.12	\$106,340	\$41.87	\$87,092	\$48.30	\$100,457	\$53.75	\$111,792
11-9051	Food Service Managers	40	\$14.04	\$29,206	\$9.34	\$19,428	\$16.39	\$34,094	\$10.03	\$20,863	\$12.15	\$25,280	\$14.53	\$30,217
11-9081	Lodging Managers	50	\$18.36	\$38,186	\$13.34	\$27,747	\$20.87	\$43,405	\$14.05	\$29,218	\$19.57	\$40,697	\$21.38	\$44,480
11-9111	Medical and Health Services Managers	250	\$31.41	\$65,337	\$22.41	\$46,616	\$35.91	\$74,697	\$24.73	\$51,439	\$28.61	\$59,503	\$34.04	\$70,813
11-9131	Postmasters and Mail Superintendents	70	\$26.44	\$55,005	\$19.28	\$40,107	\$30.03	\$62,454	\$24.65	\$51,267	\$27.31	\$56,814	\$30.31	\$63,054
11-9141	Property, Real Estate, and Community Association Mar	60	\$20.40	\$42,423	\$9.90	\$20,600	\$25.64	\$53,335	\$11.15	\$23,194	\$15.70	\$32,661	\$32.29	\$67,167
11-9151	Social and Community Service Managers	30	\$22.25	\$46,280	\$12.86	\$26,739	\$26.95	\$56,051	\$15.98	\$33,241	\$22.24	\$46,260	\$27.66	\$57,537
11-9161	Emergency Management Directors	10	\$19.52	\$40,597	\$13.35	\$27,768	\$22.60	\$47,012	\$15.62	\$32,484	\$20.23	\$42,080	\$22.33	\$46,441
11-9199	Managers, All Other	20	\$44.24	\$92,012	\$20.45	\$42,526	\$56.13	\$116,754	\$21.96	\$45,687	\$47.21	\$98,191	\$60.14	\$125,098
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>1,790</b>	<b>\$22.84</b>	<b>\$47,516</b>	<b>\$13.37</b>	<b>\$27,816</b>	<b>\$27.58</b>	<b>\$57,366</b>	<b>\$14.76</b>	<b>\$30,693</b>	<b>\$18.95</b>	<b>\$39,407</b>	<b>\$28.52</b>	<b>\$59,317</b>
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farr	50	\$22.83	\$47,491	\$13.62	\$28,325	\$27.44	\$57,074	\$14.81	\$30,806	\$18.00	\$37,436	\$30.35	\$63,138
13-1031	Claims Adjusters, Examiners, and Investigators	40	\$25.22	\$52,467	\$9.07	\$18,871	\$33.30	\$69,265	\$9.17	\$19,065	\$30.36	\$63,141	\$34.04	\$70,798
13-1041	Compliance Officers, Except Agriculture, Construction,	50	\$24.95	\$51,897	\$16.83	\$34,997	\$29.01	\$60,346	\$20.50	\$42,636	\$24.79	\$51,558	\$28.10	\$58,452
13-1051	Cost Estimators	20	\$22.88	\$47,592	\$15.82	\$32,900	\$26.41	\$54,939	\$16.97	\$35,291	\$20.95	\$43,577	\$30.57	\$63,585
13-1078	Human resources, labor relations, and training specialis	80	\$20.99	\$43,668	\$14.09	\$29,304	\$24.45	\$50,849	\$15.25	\$31,730	\$18.79	\$39,076	\$24.29	\$50,530
13-1081	Logisticians	100	\$35.49	\$73,824	\$22.11	\$45,992	\$42.18	\$87,740	\$23.63	\$49,141	\$35.87	\$74,618	\$45.30	\$94,229
13-1111	Management Analysts	80	\$26.94	\$56,037	\$13.98	\$29,078	\$33.42	\$69,517	\$15.81	\$32,884	\$24.34	\$50,623	\$34.04	\$70,795
13-1141	Compensation, Benefits, and Job Analysis Specialists	10	\$19.29	\$40,127	\$13.24	\$27,549	\$22.32	\$46,416	\$13.40	\$27,873	\$15.00	\$31,196	\$24.68	\$51,326
13-1199	Business Operations Specialists, All Other	280	\$29.97	\$62,344	\$20.15	\$41,908	\$34.89	\$72,561	\$22.81	\$47,446	\$28.51	\$59,310	\$36.10	\$75,098
13-2011	Accountants and Auditors	230	\$21.76	\$45,263	\$14.22	\$29,580	\$25.53	\$53,104	\$15.57	\$32,393	\$19.94	\$41,475	\$25.85	\$53,767
13-2021	Appraisers and Assessors of Real Estate	80	\$16.22	\$33,734	\$12.76	\$26,539	\$17.95	\$37,332	\$14.11	\$29,340	\$15.85	\$32,976	\$17.58	\$36,571
13-2071	Loan Counselors		\$12.86	\$26,742	\$9.88	\$20,556	\$14.34	\$29,835	\$10.79	\$22,451	\$12.96	\$26,961	\$14.67	\$30,523
13-2072	Loan Officers	410	\$21.89	\$45,540	\$14.20	\$29,527	\$25.74	\$53,547	\$15.09	\$31,383	\$18.06	\$37,557	\$25.51	\$53,068

# 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
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	\$17.28	\$35,934	\$13.88	\$28,877	\$18.97	\$39,462	\$14.85	\$30,889	\$16.79	\$34,926	\$19.10	\$39,729
13-2082	Tax Preparers	80	\$12.56	\$26,119	\$11.12	\$23,125	\$13.28	\$27,616	\$11.65	\$24,237	\$12.81	\$26,641	\$13.85	\$28,812
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>230</b>	<b>\$21.27</b>	<b>\$44,233</b>	<b>\$11.10</b>	<b>\$23,085</b>	<b>\$26.35</b>	<b>\$54,806</b>	<b>\$13.10</b>	<b>\$27,249</b>	<b>\$21.53</b>	<b>\$44,788</b>	<b>\$28.66</b>	<b>\$59,620</b>
15-1131	Computer Programmers	10	\$22.17	\$46,113	\$18.33	\$38,129	\$24.09	\$50,105	\$19.47	\$40,504	\$21.56	\$44,854	\$24.66	\$51,294
15-1141	Database Administrators	20	\$20.53	\$42,711	\$12.72	\$26,461	\$24.44	\$50,836	\$13.55	\$28,191	\$20.09	\$41,778	\$26.91	\$55,974
15-1142	Network and Computer Systems Administrators	40	\$24.12	\$50,172	\$16.88	\$35,104	\$27.74	\$57,706	\$19.73	\$41,047	\$25.10	\$52,202	\$28.80	\$59,910
15-1150	Computer Support Specialists	90	\$15.28	\$31,772	\$8.81	\$18,316	\$18.51	\$38,500	\$9.74	\$20,253	\$12.89	\$26,821	\$19.51	\$40,582
15-1179	Information Security Analysts, Web Developers, and Cr	20	\$22.58	\$46,974	\$12.93	\$26,888	\$27.41	\$57,017	\$13.31	\$27,676	\$23.46	\$48,789	\$30.77	\$64,011
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>330</b>	<b>\$39.20</b>	<b>\$81,531</b>	<b>\$17.64</b>	<b>\$36,685</b>	<b>\$49.98</b>	<b>\$103,954</b>	<b>\$21.81</b>	<b>\$45,367</b>	<b>\$30.96</b>	<b>\$64,391</b>	<b>\$45.32</b>	<b>\$94,274</b>
17-2051	Civil Engineers	10	\$37.22	\$77,422	\$27.25	\$56,686	\$42.21	\$87,790	\$28.82	\$59,948	\$38.59	\$80,274	\$43.01	\$89,460
17-2071	Electrical Engineers	10	\$35.39	\$73,610	\$26.34	\$54,788	\$39.91	\$83,020	\$26.17	\$54,437	\$28.90	\$60,114	\$46.39	\$96,483
17-2111	Health and Safety Engineers, Except Mining Safety Eng	20	\$36.49	\$75,894	\$22.35	\$46,496	\$43.55	\$90,594	\$24.41	\$50,772	\$34.48	\$71,712	\$50.10	\$104,202
17-2112	Industrial Engineers	20	\$32.98	\$68,605	\$25.55	\$53,138	\$36.70	\$76,338	\$27.78	\$57,775	\$32.34	\$67,260	\$37.44	\$77,874
17-2141	Mechanical Engineers	40	\$32.31	\$67,209	\$19.31	\$40,173	\$38.81	\$80,727	\$21.24	\$44,177	\$34.15	\$71,031	\$41.12	\$85,533
17-2171	Petroleum Engineers	50	\$93.83	\$195,169	\$36.25	\$75,401	\$122.62	\$255,053	\$46.81	\$97,374				
17-2199	Engineers, All Other	30	\$41.90	\$87,142	\$24.36	\$50,661	\$50.66	\$105,382	\$36.38	\$75,677	\$43.70	\$90,903	\$54.78	\$113,945
17-3013	Mechanical Drafters	10	\$18.72	\$38,935	\$14.50	\$30,167	\$20.83	\$43,318	\$15.23	\$31,677	\$17.31	\$36,004	\$23.84	\$49,586
17-3023	Electrical and Electronic Engineering Technicians	10	\$29.66	\$61,683	\$26.38	\$54,868	\$31.29	\$65,091	\$26.66	\$55,452	\$28.85	\$59,998	\$33.84	\$70,380
17-3029	Engineering Technicians, Except Drafters, All Other	40	\$19.36	\$40,269	\$10.92	\$22,717	\$23.58	\$49,045	\$11.48	\$23,881	\$15.05	\$31,305	\$26.85	\$55,847
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>320</b>	<b>\$23.28</b>	<b>\$48,413</b>	<b>\$13.34</b>	<b>\$27,741</b>	<b>\$28.24</b>	<b>\$58,749</b>	<b>\$16.12</b>	<b>\$33,533</b>	<b>\$22.29</b>	<b>\$46,364</b>	<b>\$30.60</b>	<b>\$63,651</b>
19-1029	Biological Scientists, All Other	30	\$29.13	\$60,600	\$19.94	\$41,475	\$33.73	\$70,162	\$24.34	\$50,619	\$30.36	\$63,138	\$35.88	\$74,623
19-1031	Conservation Scientists	10	\$31.09	\$64,671	\$22.91	\$47,648	\$35.18	\$73,182	\$25.10	\$52,198	\$33.10	\$68,848	\$36.69	\$76,305
19-1032	Foresters	30	\$30.46	\$63,359	\$23.73	\$49,356	\$33.83	\$70,360	\$26.85	\$55,845	\$31.29	\$65,092	\$35.30	\$73,428
19-3031	Clinical, Counseling, and School Psychologists	60	\$22.31	\$46,415	\$18.45	\$38,373	\$24.25	\$50,436	\$19.11	\$39,754	\$21.04	\$43,766	\$22.97	\$47,778
19-4021	Biological Technicians	10	\$18.05	\$37,550	\$12.33	\$25,645	\$20.92	\$43,503	\$12.40	\$25,797	\$15.73	\$32,708	\$21.81	\$45,373
19-4041	Geological and Petroleum Technicians		\$25.67	\$53,387	\$20.07	\$41,738	\$28.47	\$59,212	\$22.10	\$45,960	\$25.62	\$53,297	\$28.59	\$59,478
19-4093	Forest and Conservation Technicians	40	\$19.63	\$40,820	\$15.02	\$31,244	\$21.93	\$45,608	\$17.07	\$35,498	\$20.13	\$41,875	\$21.76	\$45,259
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>920</b>	<b>\$17.55</b>	<b>\$36,505</b>	<b>\$11.45</b>	<b>\$23,811</b>	<b>\$20.60</b>	<b>\$42,852</b>	<b>\$13.07</b>	<b>\$27,180</b>	<b>\$16.67</b>	<b>\$34,664</b>	<b>\$21.64</b>	<b>\$45,013</b>
21-1011	Substance Abuse and Behavioral Disorder Counselors	40	\$15.31	\$31,855	\$12.79	\$26,607	\$16.58	\$34,478	\$12.76	\$26,544	\$14.04	\$29,208	\$17.39	\$36,177
21-1012	Educational, Vocational, and School Counselors	180	\$18.57	\$38,615	\$13.07	\$27,190	\$21.31	\$44,328	\$14.96	\$31,124	\$18.49	\$38,452	\$22.58	\$46,966
21-1014	Mental Health Counselors	110	\$22.21	\$46,186	\$16.52	\$34,351	\$25.05	\$52,104	\$18.01	\$37,471	\$20.32	\$42,259	\$22.42	\$46,629
21-1015	Rehabilitation Counselors	100	\$15.80	\$32,871	\$8.92	\$18,551	\$19.25	\$40,031	\$10.02	\$20,834	\$13.28	\$27,616	\$23.67	\$49,227
21-1021	Child, Family, and School Social Workers	20	\$15.95	\$33,181	\$14.52	\$30,195	\$16.67	\$34,673	\$14.85	\$30,894	\$16.09	\$33,464	\$17.33	\$36,045
21-1022	Medical and Public Health Social Workers		\$21.50	\$44,715	\$17.55	\$36,512	\$23.47	\$48,816	\$19.18	\$39,898	\$21.87	\$45,494	\$24.86	\$51,703
21-1023	Mental Health and Substance Abuse Social Workers	120	\$14.06	\$29,251	\$13.04	\$27,129	\$14.57	\$30,313	\$12.64	\$26,288	\$13.66	\$28,419	\$14.89	\$30,963
21-1029	Social Workers, All Other	10	\$14.54	\$30,233	\$13.35	\$27,765	\$15.13	\$31,467	\$12.82	\$26,662	\$13.73	\$28,566	\$14.65	\$30,470
21-1093	Social and Human Service Assistants	60	\$10.18	\$21,173	\$8.35	\$17,363	\$11.10	\$23,078	\$8.32	\$17,300	\$9.21	\$19,166	\$11.11	\$23,117
21-1798	Community and Social Service Specialists, All Other*		\$8.85	\$18,398	\$7.98	\$16,595	\$9.28	\$19,300	\$7.91	\$16,451	\$8.50	\$17,677	\$9.09	\$18,903
21-2011	Clergy		\$16.52	\$34,369	\$12.93	\$26,888	\$18.32	\$38,109	\$12.57	\$26,143	\$13.64	\$28,365	\$23.35	\$48,564
<b>23-0000</b>	<b>Legal Occupations</b>		<b>\$22.86</b>	<b>\$47,546</b>	<b>\$14.28</b>	<b>\$29,695</b>	<b>\$27.15</b>	<b>\$56,472</b>	<b>\$15.96</b>	<b>\$33,196</b>	<b>\$22.92</b>	<b>\$47,668</b>	<b>\$26.73</b>	<b>\$55,604</b>
23-1011	Lawyers		\$24.67	\$51,315	\$19.52	\$40,607	\$27.24	\$56,669	\$22.96	\$47,761	\$25.14	\$52,300	\$27.30	\$56,792

# 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	Percentile Hourly Wage	Percentile Annual Wage
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>4,390</b>	<b>\$16.46</b>	<b>\$34,247</b>	<b>\$8.77</b>	<b>\$18,249</b>	<b>\$20.31</b>	<b>\$42,246</b>	<b>\$9.43</b>	<b>\$19,622</b>	<b>\$17.35</b>	<b>\$36,080</b>	<b>\$21.38</b>	<b>\$44,478</b>
25-2011	Preschool Teachers, Except Special Education	90	\$16.56	\$34,439	\$12.72	\$26,457	\$18.48	\$38,430	\$15.12	\$31,447	\$17.15	\$35,666	\$19.51	\$40,584
25-2012	Kindergarten Teachers, Except Special Education	110		\$38,802		\$33,282		\$41,561		\$33,929		\$38,050		\$43,801
25-2021	Elementary School Teachers, Except Special Educator	1,130		\$39,251		\$30,910		\$43,422		\$34,224		\$39,756		\$44,988
25-2022	Middle School Teachers, Except Special and Vocational	350		\$42,445		\$34,019		\$46,658		\$36,797		\$42,385		\$47,528
25-2023	Vocational Education Teachers, Middle School	10		\$43,177		\$40,804		\$44,363		\$40,446		\$43,307		\$46,169
25-2031	Secondary School Teachers, Except Special and Vocational	720		\$38,944		\$26,021		\$45,405		\$33,197		\$41,090		\$46,436
25-2032	Vocational Education Teachers, Secondary School	120		\$45,474		\$32,673		\$51,874		\$38,806		\$45,170		\$54,375
25-2041	Special Education Teachers, Preschool, Kindergarten, and	100		\$42,869		\$33,719		\$47,444		\$37,139		\$42,895		\$48,938
25-2053	Special Education Teachers, Middle School	50		\$46,478		\$39,720		\$49,857		\$41,693		\$46,613		\$53,149
25-2054	Special Education Teachers, Secondary School	50		\$46,563		\$37,382		\$51,154		\$39,666		\$47,231		\$53,626
25-3011	Adult Literacy, Remedial Education, and GED Teachers	30	\$23.46	\$48,791	\$17.60	\$36,606	\$26.39	\$54,884	\$23.14	\$48,140	\$25.28	\$52,592	\$27.43	\$57,045
25-3999	All Other Teachers, Primary, Secondary, and Adult	460		\$19,511		\$16,797		\$20,867		\$16,623		\$17,916		\$19,209
25-4021	Librarians	110	\$18.91	\$39,337	\$14.01	\$29,137	\$21.36	\$44,438	\$15.91	\$33,098	\$19.34	\$40,218	\$21.97	\$45,705
25-4031	Library Technicians	170	\$10.64	\$22,138	\$8.38	\$17,423	\$11.78	\$24,496	\$9.10	\$18,929	\$10.53	\$21,906	\$12.07	\$25,099
25-9031	Instructional Coordinators	10	\$29.78	\$61,936	\$19.52	\$40,596	\$34.91	\$72,605	\$21.23	\$44,167	\$31.24	\$64,980	\$38.72	\$80,548
25-9041	Teacher Assistants	560		\$17,910		\$16,698		\$18,516		\$16,575		\$17,901		\$19,226
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>280</b>	<b>\$15.69</b>	<b>\$32,636</b>	<b>\$8.78</b>	<b>\$18,272</b>	<b>\$19.14</b>	<b>\$39,818</b>	<b>\$9.48</b>	<b>\$19,712</b>	<b>\$13.84</b>	<b>\$28,788</b>	<b>\$19.14</b>	<b>\$39,821</b>
27-1023	Floral Designers	30	\$9.45	\$19,666	\$8.43	\$17,528	\$9.97	\$20,735	\$8.37	\$17,404	\$9.28	\$19,301	\$10.49	\$21,810
27-1024	Graphic Designers	30	\$15.75	\$32,751	\$10.88	\$22,624	\$18.18	\$37,814	\$12.54	\$26,077	\$15.74	\$32,745	\$17.97	\$37,369
27-2022	Coaches and Scouts	60		\$27,254		\$16,751		\$32,505		\$17,726		\$21,769		\$36,693
27-2041	Music Directors and Composers	10	\$18.23	\$37,924	\$15.37	\$31,971	\$19.66	\$40,900	\$16.44	\$34,190	\$18.64	\$38,781	\$20.86	\$43,389
27-3022	Reporters and Correspondents	20	\$14.32	\$29,786	\$9.80	\$20,382	\$16.58	\$34,487	\$10.94	\$22,761	\$14.96	\$31,109	\$17.41	\$36,212
27-3031	Public Relations Specialists	10	\$18.17	\$37,787	\$8.47	\$17,611	\$23.02	\$47,875	\$9.21	\$19,147	\$16.26	\$33,829	\$21.99	\$45,740
27-3041	Editors	20	\$24.59	\$51,138	\$12.80	\$26,630	\$30.48	\$63,393	\$13.67	\$28,424	\$19.84	\$41,262	\$37.42	\$77,843
27-4021	Photographers	10	\$15.21	\$31,636	\$10.63	\$22,105	\$17.50	\$36,401	\$10.83	\$22,535	\$15.75	\$32,757	\$19.41	\$40,372
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>3,780</b>	<b>\$24.07</b>	<b>\$50,070</b>	<b>\$12.85</b>	<b>\$26,726</b>	<b>\$29.68</b>	<b>\$61,743</b>	<b>\$15.00</b>	<b>\$31,196</b>	<b>\$19.18</b>	<b>\$39,895</b>	<b>\$27.38</b>	<b>\$56,949</b>
29-1021	Dentists, General	20	\$110.18	\$229,181					\$71.26	\$148,213				
29-1031	Dietitians and Nutritionists		\$35.59	\$74,035	\$18.09	\$37,621	\$44.35	\$92,242	\$19.49	\$40,536	\$40.63	\$84,520	\$51.79	\$107,723
29-1041	Optometrists		\$39.52	\$82,205	\$18.23	\$37,921	\$50.17	\$104,347	\$18.15	\$37,747	\$43.22	\$89,899	\$51.70	\$107,539
29-1051	Pharmacists	170	\$51.80	\$107,735	\$44.98	\$93,549	\$55.21	\$114,828	\$48.43	\$100,734	\$52.71	\$109,634	\$56.99	\$118,534
29-1062	Family and General Practitioners	40	\$63.29	\$131,640	\$19.31	\$40,166	\$85.28	\$177,377	\$37.17	\$77,320	\$43.34	\$90,147		
29-1066	Psychiatrists	30	\$57.62	\$119,845	\$21.98	\$45,712	\$75.44	\$156,912	\$25.48	\$53,004	\$34.89	\$72,572	\$84.48	\$175,726
29-1069	Physicians and Surgeons, All Other	10	\$92.59	\$192,591	\$65.97	\$137,211	\$105.90	\$220,280	\$75.66	\$157,381	\$87.02	\$181,001		
29-1071	Physician Assistants	30	\$45.49	\$94,615	\$36.47	\$75,857	\$50.00	\$103,994	\$39.52	\$82,195	\$45.44	\$94,524	\$52.06	\$108,285
29-1111	Registered Nurses	1,570	\$22.87	\$47,560	\$16.07	\$33,417	\$26.27	\$54,631	\$17.54	\$36,493	\$22.65	\$47,115	\$26.99	\$56,137
29-1122	Occupational Therapists		\$34.45	\$71,648	\$23.99	\$49,897	\$39.67	\$82,523	\$26.04	\$54,165	\$36.92	\$76,797	\$42.24	\$87,866
29-1123	Physical Therapists	60	\$31.03	\$64,541	\$17.94	\$37,324	\$37.57	\$78,150	\$22.31	\$46,398	\$33.21	\$69,082	\$40.24	\$83,694
29-1126	Respiratory Therapists	30	\$23.26	\$48,382	\$19.13	\$39,785	\$25.33	\$52,681	\$20.30	\$42,230	\$23.24	\$48,335	\$26.76	\$55,651
29-1127	Speech-Language Pathologists	40	\$24.03	\$49,992	\$17.45	\$36,298	\$27.33	\$56,839	\$19.55	\$40,671	\$23.62	\$49,127	\$27.91	\$58,052
29-1131	Veterinarians	60	\$37.20	\$77,380	\$25.34	\$52,703	\$43.13	\$89,718	\$27.02	\$56,196	\$36.76	\$76,466	\$44.58	\$92,717

# 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
29-2011	Medical and Clinical Laboratory Technologists	50	\$24.03	\$49,987	\$16.59	\$34,501	\$27.76	\$57,731	\$19.91	\$41,423	\$25.00	\$52,004	\$28.80	\$59,903
29-2012	Medical and Clinical Laboratory Technicians	30	\$18.07	\$37,585	\$11.06	\$22,998	\$21.58	\$44,878	\$14.50	\$30,163	\$18.89	\$39,290	\$22.48	\$46,763
29-2021	Dental Hygienists	40	\$28.26	\$58,773	\$20.92	\$43,516	\$31.92	\$66,401	\$21.72	\$45,167	\$30.76	\$63,972	\$34.00	\$70,720
29-2031	Cardiovascular Technologists and Technicians	20	\$13.33	\$27,733	\$10.48	\$21,805	\$14.76	\$30,697	\$10.37	\$21,566	\$11.32	\$23,544	\$13.97	\$29,065
29-2032	Diagnostic Medical Sonographers	10	\$26.29	\$54,683	\$18.60	\$38,680	\$30.14	\$62,685	\$19.85	\$41,297	\$25.88	\$53,830	\$32.69	\$68,005
29-2037	Radiologic Technologists and Technicians*	70	\$19.73	\$41,032	\$13.86	\$28,832	\$22.66	\$47,131	\$15.63	\$32,510	\$18.66	\$38,817	\$24.37	\$50,688
29-2041	Emergency Medical Technicians and Paramedics	150	\$12.52	\$26,037	\$8.67	\$18,025	\$14.44	\$30,043	\$9.43	\$19,618	\$11.84	\$24,632	\$14.69	\$30,560
29-2052	Pharmacy Technicians	280	\$11.02	\$22,919	\$8.65	\$18,000	\$12.20	\$25,378	\$9.37	\$19,497	\$10.85	\$22,572	\$12.71	\$26,441
29-2055	Surgical Technologists	30	\$15.34	\$31,902	\$11.68	\$24,303	\$17.16	\$35,701	\$12.43	\$25,862	\$14.44	\$30,044	\$17.27	\$35,921
29-2061	Licensed Practical and Licensed Vocational Nurses	680	\$15.70	\$32,655	\$12.84	\$26,701	\$17.13	\$35,633	\$13.65	\$28,384	\$15.65	\$32,561	\$17.55	\$36,503
29-2071	Medical Records and Health Information Technicians	90	\$11.38	\$23,671	\$8.01	\$16,668	\$13.06	\$27,173	\$8.44	\$17,564	\$9.92	\$20,643	\$13.20	\$27,455
29-9011	Occupational Health and Safety Specialists	30	\$33.25	\$69,155	\$26.22	\$54,529	\$36.76	\$76,468	\$27.61	\$57,427	\$33.19	\$69,032	\$38.59	\$80,271
29-9012	Occupational Health and Safety Technicians	10	\$31.65	\$65,836	\$21.82	\$45,383	\$36.57	\$76,062	\$22.95	\$47,732	\$32.57	\$67,752	\$39.44	\$82,038
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,520</b>	<b>\$10.25</b>	<b>\$21,329</b>	<b>\$8.20</b>	<b>\$17,066</b>	<b>\$11.28</b>	<b>\$23,460</b>	<b>\$8.47</b>	<b>\$17,608</b>	<b>\$9.66</b>	<b>\$20,087</b>	<b>\$11.37</b>	<b>\$23,647</b>
31-1011	Home Health Aides	500	\$10.64	\$22,138	\$8.19	\$17,039	\$11.87	\$24,687	\$8.82	\$18,336	\$10.29	\$21,412	\$11.77	\$24,477
31-1012	Nursing Aides, Orderlies, and Attendants	1,580	\$9.54	\$19,837	\$8.23	\$17,113	\$10.19	\$21,199	\$8.29	\$17,236	\$9.22	\$19,175	\$10.75	\$22,350
31-2021	Physical Therapist Assistants	30	\$22.09	\$45,946	\$15.01	\$31,230	\$25.63	\$53,304	\$18.67	\$38,831	\$22.32	\$46,418	\$27.09	\$56,356
31-9091	Dental Assistants	60	\$14.45	\$30,057	\$12.54	\$26,085	\$15.41	\$32,043	\$12.72	\$26,467	\$14.02	\$29,160	\$16.24	\$33,778
31-9092	Medical Assistants	120	\$11.45	\$23,807	\$9.63	\$20,036	\$12.35	\$25,693	\$9.94	\$20,684	\$10.94	\$22,760	\$12.47	\$25,936
31-9093	Medical Equipment Preparers	20	\$13.31	\$27,683	\$10.38	\$21,587	\$14.77	\$30,732	\$10.62	\$22,099	\$12.34	\$25,675	\$15.55	\$32,349
31-9095	Pharmacy Aides	20	\$8.82	\$18,347	\$8.02	\$16,686	\$9.22	\$19,177	\$7.98	\$16,598	\$8.65	\$17,992	\$9.34	\$19,429
31-9096	Veterinary Assistants and Laboratory Animal Caretakers		\$10.55	\$21,942	\$8.29	\$17,239	\$11.68	\$24,293	\$8.47	\$17,609	\$9.81	\$20,407	\$12.69	\$26,388
31-9799	Healthcare Support Workers, All Other*	40	\$13.16	\$27,367	\$9.12	\$18,968	\$15.18	\$31,567	\$9.82	\$20,417	\$11.54	\$23,994	\$14.44	\$30,037
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,230</b>	<b>\$14.69</b>	<b>\$30,545</b>	<b>\$9.58</b>	<b>\$19,920</b>	<b>\$17.24</b>	<b>\$35,857</b>	<b>\$10.81</b>	<b>\$22,482</b>	<b>\$14.59</b>	<b>\$30,348</b>	<b>\$17.30</b>	<b>\$35,980</b>
33-1012	First-Line Supervisors/Managers of Police and Detectiv	30	\$23.16	\$48,167	\$14.07	\$29,275	\$27.70	\$57,613	\$14.92	\$31,033	\$20.68	\$43,015	\$26.04	\$54,168
33-1099	First-Line Supervisors/Managers, Protective Service Wr	20	\$18.14	\$37,732	\$12.82	\$26,657	\$20.80	\$43,269	\$15.98	\$33,234	\$19.29	\$40,130	\$21.39	\$44,486
33-2011	Fire Fighters	130	\$16.27	\$33,835	\$9.38	\$19,502	\$19.71	\$41,002	\$10.68	\$22,220	\$15.85	\$32,978	\$21.20	\$44,092
33-3012	Correctional Officers and Jailers	190	\$13.32	\$27,698	\$9.83	\$20,457	\$15.06	\$31,318	\$10.83	\$22,531	\$13.38	\$27,830	\$16.04	\$33,368
33-3021	Detectives and Criminal Investigators	20	\$28.99	\$60,308	\$15.98	\$33,230	\$35.50	\$73,847	\$18.74	\$38,981	\$25.92	\$53,916	\$41.31	\$85,924
33-3051	Police and Sheriff's Patrol Officers	280	\$15.38	\$31,997	\$11.99	\$24,949	\$17.08	\$35,521	\$12.84	\$26,701	\$14.67	\$30,510	\$17.61	\$36,620
33-9011	Animal Control Workers		\$15.37	\$31,974	\$12.13	\$25,221	\$17.00	\$35,351	\$14.79	\$30,757	\$16.18	\$33,656	\$17.57	\$36,554
33-9032	Security Guards	390	\$12.28	\$25,551	\$8.51	\$17,705	\$14.17	\$29,474	\$9.24	\$19,213	\$11.26	\$23,426	\$15.92	\$33,124
<b>35-0000</b>	<b>Food Preparation and Serving-Related Occupations</b>	<b>3,800</b>	<b>\$9.12</b>	<b>\$18,967</b>	<b>\$8.06</b>	<b>\$16,761</b>	<b>\$9.65</b>	<b>\$20,070</b>	<b>\$7.98</b>	<b>\$16,608</b>	<b>\$8.65</b>	<b>\$18,001</b>	<b>\$9.36</b>	<b>\$19,474</b>
35-1011	Chefs and Head Cooks	20	\$14.90	\$30,997	\$10.41	\$21,643	\$17.15	\$35,674	\$12.02	\$24,992	\$13.37	\$27,803	\$18.67	\$38,829
35-1012	First-Line Supervisors/Managers of Food Preparation a	330	\$12.86	\$26,757	\$9.10	\$18,928	\$14.75	\$30,672	\$10.01	\$20,829	\$12.54	\$26,090	\$14.54	\$30,237
35-2011	Cooks, Fast Food		\$8.28	\$17,223	\$7.98	\$16,595	\$8.43	\$17,537	\$7.85	\$16,338	\$8.42	\$17,521	\$8.99	\$18,705
35-2012	Cooks, Institution and Cafeteria	710	\$9.01	\$18,750	\$8.12	\$16,888	\$9.46	\$19,681	\$8.01	\$16,659	\$8.69	\$18,074	\$9.42	\$19,593
35-2014	Cooks, Restaurant		\$8.20	\$17,062	\$7.95	\$16,544	\$8.33	\$17,320	\$7.83	\$16,288	\$8.37	\$17,402	\$8.90	\$18,515
35-2021	Food Preparation Workers	210	\$9.07	\$18,874	\$8.03	\$16,695	\$9.60	\$19,963	\$7.93	\$16,492	\$8.55	\$17,777	\$9.16	\$19,063
35-3011	Bartenders		\$8.39	\$17,441	\$8.03	\$16,702	\$8.56	\$17,811	\$7.83	\$16,284	\$8.36	\$17,388	\$8.89	\$18,492
35-3021	Combined Food Preparation and Serving Workers, Incl	1,250	\$8.39	\$17,452	\$8.07	\$16,778	\$8.55	\$17,789	\$7.90	\$16,433	\$8.48	\$17,648	\$9.07	\$18,863

# 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
35-3022	Counter Attendants, Cafeteria, Food Concession, and C	70	\$8.16	\$16,966	\$8.03	\$16,710	\$8.22	\$17,094	\$7.87	\$16,376	\$8.41	\$17,486	\$8.94	\$18,596
35-3031	Waiters and Waitresses	400	\$9.77	\$20,321	\$8.14	\$16,933	\$10.58	\$22,015	\$8.27	\$17,202	\$9.21	\$19,150	\$10.60	\$22,049
35-3041	Food Servers, Nonrestaurant	80	\$8.25	\$17,161	\$8.04	\$16,720	\$8.36	\$17,381	\$7.87	\$16,373	\$8.43	\$17,527	\$8.98	\$18,682
35-9011	Dining Room and Cafeteria Attendants and Bartender H	140	\$8.05	\$16,741	\$8.00	\$16,632	\$8.07	\$16,796	\$7.81	\$16,248	\$8.32	\$17,314	\$8.84	\$18,381
35-9021	Dishwashers	70	\$8.07	\$16,794	\$8.00	\$16,640	\$8.11	\$16,871	\$7.81	\$16,253	\$8.33	\$17,335	\$8.85	\$18,417
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance O</b>	<b>1,920</b>	<b>\$10.26</b>	<b>\$21,340</b>	<b>\$8.14</b>	<b>\$16,921</b>	<b>\$11.32</b>	<b>\$23,550</b>	<b>\$8.28</b>	<b>\$17,222</b>	<b>\$9.22</b>	<b>\$19,187</b>	<b>\$11.64</b>	<b>\$24,219</b>
37-1011	First-Line Supervisors/Managers of Housekeeping and	140	\$12.73	\$26,473	\$8.39	\$17,447	\$14.90	\$30,985	\$8.86	\$18,422	\$11.27	\$23,442	\$16.38	\$34,063
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	30	\$17.28	\$35,944	\$13.51	\$28,096	\$19.17	\$39,869	\$14.72	\$30,616	\$16.96	\$35,283	\$19.94	\$41,482
37-2011	Janitors and Cleaners, Except Maids and Housekeepin	820	\$10.33	\$21,496	\$8.09	\$16,835	\$11.45	\$23,826	\$8.52	\$17,711	\$9.87	\$20,536	\$12.04	\$25,033
37-2012	Maids and Housekeeping Cleaners	640	\$8.76	\$18,220	\$8.15	\$16,953	\$9.06	\$18,854	\$7.95	\$16,532	\$8.56	\$17,811	\$9.18	\$19,091
37-2021	Pest Control Workers	20	\$15.37	\$31,964	\$10.92	\$22,717	\$17.59	\$36,587	\$11.46	\$23,833	\$15.65	\$32,554	\$17.62	\$36,657
37-3011	Landscaping and Groundskeeping Workers	220	\$11.17	\$23,234	\$8.14	\$16,940	\$12.68	\$26,382	\$8.83	\$18,375	\$10.61	\$22,076	\$13.05	\$27,149
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>2,240</b>	<b>\$9.46</b>	<b>\$19,675</b>	<b>\$8.06</b>	<b>\$16,762</b>	<b>\$10.16</b>	<b>\$21,131</b>	<b>\$7.92</b>	<b>\$16,467</b>	<b>\$8.51</b>	<b>\$17,699</b>	<b>\$9.10</b>	<b>\$18,932</b>
39-1012	Slot Key Persons	10	\$22.42	\$46,643	\$15.05	\$31,300	\$26.11	\$54,315	\$17.33	\$36,054	\$23.75	\$49,406	\$27.35	\$56,880
39-2021	Nonfarm Animal Caretakers	20	\$8.54	\$17,766	\$8.00	\$16,631	\$8.81	\$18,334	\$7.88	\$16,391	\$8.44	\$17,565	\$9.01	\$18,740
39-3091	Amusement and Recreation Attendants		\$9.25	\$19,240	\$8.37	\$17,407	\$9.69	\$20,157	\$8.01	\$16,655	\$8.64	\$17,975	\$9.28	\$19,295
39-4021	Funeral Attendants		\$10.17	\$21,163	\$8.08	\$16,805	\$11.22	\$23,341	\$8.68	\$18,062	\$10.08	\$20,965	\$11.60	\$24,128
39-4831	Funeral service managers, directors, morticians, and ur	50	\$17.17	\$35,720	\$12.96	\$26,955	\$19.28	\$40,102	\$13.27	\$27,610	\$18.93	\$39,369	\$21.02	\$43,726
39-9011	Child Care Workers	200	\$8.37	\$17,412	\$8.11	\$16,877	\$8.50	\$17,680	\$7.87	\$16,379	\$8.43	\$17,525	\$8.98	\$18,671
39-9021	Personal and Home Care Aides	1,560	\$8.07	\$16,777	\$8.04	\$16,722	\$8.08	\$16,804	\$7.84	\$16,297	\$8.35	\$17,364	\$8.86	\$18,431
39-9032	Recreation Workers	40	\$8.67	\$18,029	\$8.09	\$16,826	\$8.96	\$18,630	\$8.03	\$16,704	\$8.72	\$18,136	\$9.41	\$19,572
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>4,640</b>	<b>\$11.63</b>	<b>\$24,191</b>	<b>\$8.19</b>	<b>\$17,032</b>	<b>\$13.35</b>	<b>\$27,771</b>	<b>\$8.31</b>	<b>\$17,287</b>	<b>\$9.22</b>	<b>\$19,182</b>	<b>\$12.00</b>	<b>\$24,967</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Work	660	\$13.85	\$28,802	\$9.50	\$19,751	\$16.02	\$33,328	\$10.23	\$21,280	\$11.93	\$24,818	\$16.26	\$33,828
41-1012	First-Line Supervisors/Managers of Non-Retail Sales W	30	\$23.98	\$49,873	\$12.87	\$26,770	\$29.53	\$61,424	\$14.67	\$30,506	\$25.45	\$52,941	\$33.07	\$68,780
41-2011	Cashiers	1,870	\$8.77	\$18,233	\$8.18	\$17,005	\$9.06	\$18,847	\$8.01	\$16,660	\$8.62	\$17,938	\$9.24	\$19,215
41-2021	Counter and Rental Clerks	150	\$9.58	\$19,920	\$8.38	\$17,436	\$10.17	\$21,162	\$8.10	\$16,842	\$8.72	\$18,129	\$9.34	\$19,423
41-2022	Parts Salespersons	130	\$11.42	\$23,744	\$8.15	\$16,957	\$13.05	\$27,137	\$8.46	\$17,599	\$9.52	\$19,793	\$12.95	\$26,926
41-2031	Retail Salespersons	1,180	\$11.11	\$23,119	\$8.19	\$17,035	\$12.58	\$26,161	\$8.26	\$17,189	\$9.13	\$18,984	\$11.10	\$23,081
41-3011	Advertising Sales Agents	20	\$12.27	\$25,514	\$9.29	\$19,315	\$13.76	\$28,614	\$10.02	\$20,839	\$11.68	\$24,303	\$13.50	\$28,074
41-3021	Insurance Sales Agents	80	\$16.24	\$33,781	\$9.35	\$19,448	\$19.69	\$40,948	\$10.63	\$22,111	\$14.61	\$30,379	\$23.17	\$48,183
41-3031	Securities, Commodities, and Financial Services Sales Agents		\$19.77	\$41,125	\$11.26	\$23,430	\$24.02	\$49,972	\$15.47	\$32,179	\$17.15	\$35,678	\$18.82	\$39,144
41-3099	Sales Representatives, Services, All Other	70	\$23.56	\$49,014	\$14.09	\$29,314	\$28.30	\$58,865	\$16.16	\$33,609	\$24.09	\$50,112	\$30.52	\$63,471
41-4011	Sales Representatives, Wholesale and Manufacturing, '	30	\$19.11	\$39,754	\$10.58	\$22,014	\$23.38	\$48,624	\$10.84	\$22,546	\$19.07	\$39,671	\$25.22	\$52,452
41-4012	Sales Representatives, Wholesale and Manufacturing, l	280	\$19.28	\$40,099	\$11.40	\$23,718	\$23.22	\$48,290	\$12.64	\$26,290	\$17.36	\$36,116	\$24.53	\$51,015
41-9022	Real Estate Sales Agents	10	\$21.23	\$44,152	\$13.35	\$27,767	\$25.17	\$52,345	\$13.89	\$28,885	\$20.93	\$43,542	\$26.62	\$55,362
41-9799	Sales and Related Workers, All Other*		\$11.73	\$24,398	\$8.06	\$16,761	\$13.57	\$28,216	\$8.49	\$17,654	\$9.74	\$20,264	\$11.37	\$23,659
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>8,130</b>	<b>\$12.29</b>	<b>\$25,561</b>	<b>\$8.19</b>	<b>\$17,033</b>	<b>\$14.34</b>	<b>\$29,825</b>	<b>\$8.91</b>	<b>\$18,530</b>	<b>\$11.09</b>	<b>\$23,068</b>	<b>\$14.22</b>	<b>\$29,579</b>
43-1011	First-Line Supervisors/Managers of Office and Administ	520	\$17.07	\$35,502	\$11.53	\$23,980	\$19.84	\$41,263	\$12.89	\$26,812	\$15.80	\$32,857	\$20.89	\$43,456
43-2011	Switchboard Operators, Including Answering Service	50	\$11.95	\$24,855	\$9.00	\$18,726	\$13.42	\$27,919	\$9.76	\$20,299	\$11.70	\$24,328	\$13.83	\$28,774
43-3011	Bill and Account Collectors	60	\$12.75	\$26,522	\$9.84	\$20,475	\$14.20	\$29,545	\$10.75	\$22,358	\$12.50	\$25,992	\$14.22	\$29,573
43-3021	Billing and Posting Clerks and Machine Operators	150	\$13.58	\$28,237	\$9.33	\$19,404	\$15.70	\$32,653	\$10.19	\$21,202	\$12.54	\$26,081	\$14.94	\$31,073

# 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
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,000	\$12.65	\$26,318	\$8.75	\$18,196	\$14.61	\$30,380	\$9.44	\$19,638	\$11.93	\$24,824	\$15.00	\$31,206
43-3041	Gaming Cage Workers		\$11.32	\$23,536	\$7.90	\$16,426	\$13.02	\$27,091	\$7.98	\$16,589	\$8.70	\$18,098	\$16.65	\$34,628
43-3051	Payroll and Timekeeping Clerks	100	\$15.27	\$31,770	\$10.94	\$22,752	\$17.44	\$36,279	\$12.23	\$25,431	\$14.62	\$30,409	\$18.86	\$39,234
43-3061	Procurement Clerks	90	\$15.68	\$32,616	\$11.69	\$24,314	\$17.68	\$36,767	\$13.45	\$27,977	\$15.06	\$31,317	\$18.57	\$38,627
43-3071	Tellers	540	\$10.00	\$20,796	\$8.13	\$16,901	\$10.93	\$22,743	\$8.45	\$17,568	\$9.57	\$19,904	\$11.12	\$23,138
43-4031	Court, Municipal, and License Clerks	80	\$16.28	\$33,853	\$12.49	\$25,985	\$18.17	\$37,787	\$12.79	\$26,608	\$14.40	\$29,954	\$19.56	\$40,689
43-4051	Customer Service Representatives	340	\$12.70	\$26,418	\$8.24	\$17,146	\$14.93	\$31,055	\$8.98	\$18,679	\$11.18	\$23,255	\$14.59	\$30,338
43-4071	File Clerks	30	\$10.51	\$21,858	\$8.26	\$17,189	\$11.63	\$24,192	\$9.03	\$18,781	\$10.30	\$21,431	\$11.48	\$23,881
43-4081	Hotel, Motel, and Resort Desk Clerks	220	\$9.24	\$19,221	\$8.18	\$17,020	\$9.77	\$20,321	\$8.31	\$17,275	\$9.23	\$19,189	\$10.36	\$21,545
43-4111	Interviewers, Except Eligibility and Loan	30	\$11.53	\$23,992	\$8.20	\$17,058	\$13.20	\$27,459	\$8.32	\$17,304	\$9.26	\$19,256	\$10.66	\$22,180
43-4121	Library Assistants, Clerical	30	\$8.97	\$18,656	\$8.12	\$16,897	\$9.39	\$19,536	\$8.13	\$16,917	\$8.90	\$18,505	\$9.90	\$20,587
43-4131	Loan Interviewers and Clerks	90	\$11.90	\$24,760	\$10.54	\$21,925	\$12.59	\$26,178	\$10.43	\$21,700	\$11.40	\$23,715	\$13.18	\$27,423
43-4141	New Accounts Clerks	50	\$12.45	\$25,906	\$9.65	\$20,065	\$13.86	\$28,826	\$9.97	\$20,742	\$11.17	\$23,230	\$15.93	\$33,131
43-4151	Order Clerks	10	\$12.85	\$26,725	\$8.30	\$17,266	\$15.12	\$31,454	\$9.06	\$18,845	\$13.91	\$28,932	\$16.25	\$33,808
43-4161	Human Resources Assistants, Except Payroll and Time	40	\$16.10	\$33,496	\$12.50	\$26,001	\$17.91	\$37,243	\$12.92	\$26,867	\$14.54	\$30,244	\$17.60	\$36,603
43-4171	Receptionists and Information Clerks	310	\$9.76	\$20,308	\$8.13	\$16,900	\$10.58	\$22,012	\$8.36	\$17,398	\$9.37	\$19,495	\$11.10	\$23,097
43-4199	Information and Record Clerks, All Other	50	\$18.22	\$37,903	\$14.09	\$29,304	\$20.29	\$42,203	\$15.05	\$31,312	\$18.57	\$38,615	\$20.52	\$42,678
43-5031	Police, Fire, and Ambulance Dispatchers	160	\$11.09	\$23,062	\$8.46	\$17,589	\$12.40	\$25,798	\$9.14	\$19,015	\$11.13	\$23,157	\$13.08	\$27,200
43-5032	Dispatchers, Except Police, Fire, and Ambulance	60	\$13.08	\$27,203	\$10.07	\$20,947	\$14.58	\$30,331	\$10.86	\$22,599	\$12.62	\$26,254	\$14.27	\$29,683
43-5041	Meter Readers, Utilities	30	\$11.35	\$23,605	\$8.18	\$17,015	\$12.93	\$26,900	\$8.22	\$17,104	\$9.07	\$18,858	\$12.27	\$25,526
43-5051	Postal Service Clerks	40	\$24.90	\$51,785	\$23.07	\$47,987	\$25.81	\$53,684	\$23.43	\$48,727	\$25.52	\$53,087	\$26.55	\$55,228
43-5052	Postal Service Mail Carriers	160	\$22.79	\$47,411	\$18.29	\$38,046	\$25.05	\$52,094	\$19.46	\$40,468	\$22.98	\$47,791	\$26.52	\$55,151
43-5053	Postal Service Mail Sorters, Processors, and Processin	60	\$13.89	\$28,894	\$10.10	\$21,006	\$15.79	\$32,838	\$10.50	\$21,847	\$11.00	\$22,884	\$16.80	\$34,947
43-5061	Production, Planning, and Expediting Clerks	60	\$20.12	\$41,848	\$11.98	\$24,923	\$24.19	\$50,310	\$14.05	\$29,223	\$19.45	\$40,450	\$26.09	\$54,257
43-5071	Shipping, Receiving, and Traffic Clerks	170	\$11.82	\$24,588	\$8.40	\$17,470	\$13.53	\$28,147	\$8.94	\$18,604	\$10.65	\$22,143	\$13.74	\$28,585
43-5081	Stock Clerks and Order Fillers	660	\$9.53	\$19,829	\$8.14	\$16,930	\$10.23	\$21,279	\$8.12	\$16,891	\$8.86	\$18,428	\$10.18	\$21,174
43-5111	Weighers, Measurers, Checkers, and Samplers, Record	20	\$10.32	\$21,470	\$8.47	\$17,614	\$11.25	\$23,397	\$8.72	\$18,131	\$9.95	\$20,692	\$11.83	\$24,609
43-6011	Executive Secretaries and Administrative Assistants	190	\$16.26	\$33,828	\$11.04	\$22,967	\$18.87	\$39,258	\$11.97	\$24,896	\$15.43	\$32,105	\$18.84	\$39,179
43-6013	Medical Secretaries	110	\$11.16	\$23,222	\$8.78	\$18,253	\$12.36	\$25,707	\$9.44	\$19,640	\$10.89	\$22,657	\$12.82	\$26,675
43-6014	Secretaries, Except Legal, Medical, and Executive	1,080	\$11.41	\$23,732	\$8.30	\$17,260	\$12.97	\$26,968	\$9.01	\$18,745	\$11.28	\$23,466	\$13.46	\$28,002
43-9011	Computer Operators	10	\$16.65	\$34,630	\$8.36	\$17,384	\$20.79	\$43,253	\$9.07	\$18,875	\$13.43	\$27,938	\$21.16	\$44,006
43-9021	Data Entry Keyers		\$9.99	\$20,787	\$8.02	\$16,682	\$10.98	\$22,839	\$8.74	\$18,181	\$9.95	\$20,689	\$11.05	\$22,978
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	20	\$8.97	\$18,651	\$7.90	\$16,426	\$9.50	\$19,764	\$8.05	\$16,749	\$8.85	\$18,417	\$10.17	\$21,156
43-9061	Office Clerks, General	1,170	\$10.51	\$21,862	\$8.13	\$16,908	\$11.70	\$24,339	\$8.42	\$17,513	\$9.56	\$19,889	\$12.41	\$25,814
43-9799	Office and Administrative Support Workers, All Other*		\$13.91	\$28,942	\$9.97	\$20,731	\$15.89	\$33,047	\$12.08	\$25,128	\$14.60	\$30,372	\$16.79	\$34,916
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>500</b>	<b>\$13.31</b>	<b>\$27,683</b>	<b>\$8.72</b>	<b>\$18,131</b>	<b>\$15.61</b>	<b>\$32,459</b>	<b>\$9.40</b>	<b>\$19,546</b>	<b>\$11.16</b>	<b>\$23,212</b>	<b>\$16.96</b>	<b>\$35,271</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, a	10	\$24.63	\$51,228	\$16.43	\$34,179	\$28.73	\$59,753	\$17.44	\$36,274	\$25.87	\$53,808	\$30.33	\$63,089
45-2041	Graders and Sorters, Agricultural Products	90	\$10.84	\$22,555	\$10.34	\$21,515	\$11.09	\$23,075	\$10.04	\$20,881	\$10.74	\$22,343	\$11.44	\$23,804
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenh	50	\$9.95	\$20,690	\$8.53	\$17,748	\$10.65	\$22,161	\$9.26	\$19,268	\$10.05	\$20,906	\$10.91	\$22,701
45-2093	Farmworkers, Farm and Ranch Animals	150	\$9.57	\$19,915	\$8.11	\$16,868	\$10.31	\$21,439	\$8.11	\$16,874	\$8.87	\$18,446	\$10.45	\$21,728
45-4021	Fallers	10	\$13.03	\$27,102	\$11.33	\$23,574	\$13.88	\$28,866	\$11.90	\$24,761	\$13.08	\$27,203	\$14.25	\$29,644

# 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
45-4022	Logging Equipment Operators	110	\$17.97	\$37,373	\$12.57	\$26,141	\$20.67	\$42,989	\$15.08	\$31,364	\$18.66	\$38,804	\$21.66	\$45,048
45-4023	Log Graders and Scalers		\$15.04	\$31,292	\$10.94	\$22,747	\$17.10	\$35,564	\$11.84	\$24,624	\$15.35	\$31,935	\$17.95	\$37,326
45-4029	Logging Workers, All Other	20	\$17.23	\$35,839	\$10.68	\$22,204	\$20.51	\$42,657	\$11.22	\$23,343	\$16.87	\$35,089	\$22.30	\$46,393
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>3,650</b>	<b>\$18.34</b>	<b>\$38,144</b>	<b>\$11.74</b>	<b>\$24,428</b>	<b>\$21.64</b>	<b>\$45,002</b>	<b>\$13.51</b>	<b>\$28,093</b>	<b>\$16.89</b>	<b>\$35,122</b>	<b>\$21.64</b>	<b>\$45,016</b>
47-1011	First-Line Supervisors/Managers of Construction Trade:	280	\$28.04	\$58,327	\$15.70	\$32,663	\$34.21	\$71,159	\$18.42	\$38,313	\$28.09	\$58,418	\$36.11	\$75,116
47-2031	Carpenters	170	\$16.21	\$33,711	\$9.71	\$20,196	\$19.46	\$40,468	\$11.17	\$23,223	\$15.67	\$32,598	\$21.72	\$45,185
47-2051	Cement Masons and Concrete Finishers		\$15.97	\$33,223	\$12.93	\$26,891	\$17.50	\$36,390	\$13.00	\$27,032	\$14.45	\$30,060	\$19.32	\$40,176
47-2061	Construction Laborers	300	\$11.59	\$24,105	\$9.67	\$20,114	\$12.55	\$26,100	\$9.97	\$20,732	\$11.00	\$22,882	\$12.61	\$26,225
47-2071	Paving, Surfacing, and Tamping Equipment Operators	10	\$14.38	\$29,921	\$11.44	\$23,799	\$15.86	\$32,982	\$12.10	\$25,175	\$14.96	\$31,113	\$16.72	\$34,787
47-2072	Pile-Driver Operators	50												
47-2073	Operating Engineers and Other Construction Equipmen	540	\$19.38	\$40,310	\$14.54	\$30,247	\$21.80	\$45,341	\$15.58	\$32,408	\$19.05	\$39,626	\$22.90	\$47,632
47-2111	Electricians	170	\$22.54	\$46,891	\$14.74	\$30,651	\$26.45	\$55,011	\$16.37	\$34,045	\$21.63	\$44,995	\$26.91	\$55,976
47-2141	Painters, Construction and Maintenance	30	\$20.93	\$43,536	\$15.18	\$31,584	\$23.80	\$49,513	\$19.34	\$40,224	\$22.45	\$46,687	\$24.70	\$51,373
47-2151	Pipelayers		\$18.32	\$38,099	\$12.63	\$26,265	\$21.16	\$44,016	\$13.32	\$27,711	\$16.41	\$34,124	\$21.47	\$44,658
47-2152	Plumbers, Pipefitters, and Steamfitters	90	\$21.18	\$44,051	\$13.10	\$27,251	\$25.22	\$52,452	\$14.86	\$30,907	\$23.40	\$48,674	\$26.58	\$55,280
47-2211	Sheet Metal Workers	50	\$20.27	\$42,166	\$15.19	\$31,600	\$22.81	\$47,449	\$16.26	\$33,811	\$19.07	\$39,655	\$25.06	\$52,123
47-3012	Helpers--Carpenters		\$10.03	\$20,868	\$8.46	\$17,597	\$10.82	\$22,503	\$9.18	\$19,094	\$10.19	\$21,204	\$11.09	\$23,058
47-3013	Helpers--Electricians	10	\$10.50	\$21,836	\$7.90	\$16,426	\$11.80	\$24,541	\$8.38	\$17,420	\$9.72	\$20,207	\$12.37	\$25,721
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfi	30	\$13.06	\$27,168	\$10.28	\$21,374	\$14.45	\$30,064	\$10.42	\$21,664	\$11.54	\$24,003	\$15.07	\$31,345
47-4011	Construction and Building Inspectors	30	\$19.02	\$39,558	\$12.79	\$26,601	\$22.13	\$46,037	\$13.85	\$28,799	\$17.63	\$36,679	\$22.49	\$46,784
47-4051	Highway Maintenance Workers	400	\$14.07	\$29,261	\$10.35	\$21,530	\$15.93	\$33,126	\$11.31	\$23,533	\$14.83	\$30,845	\$16.79	\$34,922
47-5011	Derrick Operators, Oil and Gas		\$18.47	\$38,424	\$16.18	\$33,648	\$19.62	\$40,811	\$15.90	\$33,078	\$17.17	\$35,717	\$18.44	\$38,356
47-5012	Rotary Drill Operators, Oil and Gas		\$19.38	\$40,308	\$16.08	\$33,448	\$21.03	\$43,739	\$16.79	\$34,916	\$19.18	\$39,885	\$21.76	\$45,269
47-5013	Service Unit Operators, Oil, Gas, and Mining		\$19.62	\$40,818	\$13.89	\$28,898	\$22.49	\$46,778	\$15.56	\$32,360	\$19.13	\$39,797	\$22.27	\$46,317
47-5051	Rock Splitters, Quarry	60	\$9.81	\$20,405	\$8.12	\$16,896	\$10.65	\$22,160	\$8.22	\$17,100	\$9.05	\$18,825	\$10.89	\$22,642
47-5071	Roustabouts, Oil and Gas	310	\$16.28	\$33,861	\$13.52	\$28,127	\$17.66	\$36,729	\$14.96	\$31,127	\$16.47	\$34,259	\$17.98	\$37,391
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>3,090</b>	<b>\$18.74</b>	<b>\$38,979</b>	<b>\$11.00</b>	<b>\$22,885</b>	<b>\$22.61</b>	<b>\$47,026</b>	<b>\$12.65</b>	<b>\$26,307</b>	<b>\$17.41</b>	<b>\$36,210</b>	<b>\$24.26</b>	<b>\$50,458</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installe	220	\$24.64	\$51,258	\$15.02	\$31,238	\$29.46	\$61,268	\$17.02	\$35,405	\$21.45	\$44,606	\$31.22	\$64,946
49-2011	Computer, Automated Teller, and Office Machine Repa	30	\$13.72	\$28,532	\$10.84	\$22,553	\$15.15	\$31,522	\$11.82	\$24,586	\$13.48	\$28,046	\$15.65	\$32,557
49-2022	Telecommunications Equipment Installers and Repairer	70	\$21.64	\$45,006	\$11.99	\$24,938	\$26.46	\$55,041	\$13.40	\$27,862	\$23.61	\$49,108	\$28.47	\$59,219
49-2094	Electrical and Electronics Repairers, Commercial and Ir	190	\$26.88	\$55,914	\$22.70	\$47,213	\$28.97	\$60,265	\$24.90	\$51,796	\$27.50	\$57,199	\$29.88	\$62,158
49-2095	Electrical and Electronics Repairers, Powerhouse, Sub:	80	\$18.37	\$38,202	\$13.44	\$27,953	\$20.83	\$43,327	\$13.13	\$27,307	\$14.28	\$29,695	\$23.05	\$47,941
49-3021	Automotive Body and Related Repairers	70	\$15.50	\$32,230	\$11.39	\$23,682	\$17.55	\$36,504	\$11.98	\$24,911	\$15.18	\$31,583	\$17.56	\$36,527
49-3023	Automotive Service Technicians and Mechanics	310	\$17.85	\$37,125	\$9.75	\$20,288	\$21.90	\$45,543	\$12.02	\$25,003	\$17.01	\$35,381	\$23.46	\$48,801
49-3031	Bus and Truck Mechanics and Diesel Engine Specialist	200	\$15.86	\$32,996	\$11.03	\$22,942	\$18.28	\$38,022	\$12.36	\$25,705	\$15.79	\$32,835	\$18.41	\$38,290
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	\$20.36	\$42,358	\$15.90	\$33,067	\$22.60	\$47,003	\$16.78	\$34,909	\$20.46	\$42,566	\$24.02	\$49,957
49-3093	Tire Repairers and Changers	110	\$11.08	\$23,042	\$9.73	\$20,232	\$11.75	\$24,447	\$9.90	\$20,583	\$10.77	\$22,393	\$11.79	\$24,530
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	130	\$18.60	\$38,693	\$12.48	\$25,958	\$21.66	\$45,061	\$14.70	\$30,583	\$19.52	\$40,608	\$22.29	\$46,370
49-9041	Industrial Machinery Mechanics	310	\$22.13	\$46,038	\$17.55	\$36,500	\$24.43	\$50,808	\$18.71	\$38,908	\$21.49	\$44,705	\$25.08	\$52,162
49-9043	Maintenance Workers, Machinery	160	\$13.28	\$27,619	\$8.20	\$17,059	\$15.82	\$32,898	\$8.96	\$18,637	\$13.75	\$28,600	\$16.91	\$35,180
49-9051	Electrical Power-Line Installers and Repairers	130	\$23.35	\$48,571	\$17.02	\$35,392	\$26.52	\$55,161	\$18.78	\$39,064	\$24.44	\$50,844	\$27.33	\$56,845

# 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
49-9052	Telecommunications Line Installers and Repairers		\$26.27	\$54,639	\$15.71	\$32,673	\$31.55	\$65,621	\$19.42	\$40,404	\$30.89	\$64,253	\$34.17	\$71,064
49-9071	Maintenance and Repair Workers, General	670	\$16.65	\$34,627	\$10.00	\$20,806	\$19.97	\$41,537	\$11.02	\$22,922	\$14.26	\$29,654	\$22.56	\$46,924
49-9091	Coin, Vending, and Amusement Machine Servicers and	40	\$15.16	\$31,537	\$10.44	\$21,712	\$17.52	\$36,450	\$10.85	\$22,570	\$15.82	\$32,914	\$18.63	\$38,751
49-9098	Helpers--Installation, Maintenance, and Repair Workers	70	\$12.64	\$26,291	\$8.39	\$17,450	\$14.76	\$30,711	\$9.10	\$18,931	\$12.95	\$26,929	\$15.71	\$32,679
49-9799	Installation, Maintenance, and Repair Workers, All Other	20	\$21.23	\$44,153	\$15.26	\$31,732	\$24.21	\$50,364	\$19.79	\$41,158	\$23.06	\$47,968	\$25.02	\$52,035
<b>51-0000</b>	<b>Production Occupations</b>	<b>6,410</b>	<b>\$14.10</b>	<b>\$29,336</b>	<b>\$9.11</b>	<b>\$18,949</b>	<b>\$16.60</b>	<b>\$34,529</b>	<b>\$10.21</b>	<b>\$21,243</b>	<b>\$12.86</b>	<b>\$26,743</b>	<b>\$15.13</b>	<b>\$31,476</b>
51-1011	First-Line Supervisors/Managers of Production and Oper	260	\$25.75	\$53,564	\$15.44	\$32,107	\$30.91	\$64,292	\$17.44	\$36,281	\$23.49	\$48,865	\$32.55	\$67,711
51-2092	Team Assemblers	950	\$11.30	\$23,512	\$8.46	\$17,590	\$12.73	\$26,473	\$9.07	\$18,862	\$11.87	\$24,685	\$13.50	\$28,073
51-2099	Assemblers and Fabricators, All Other	20	\$10.14	\$21,094	\$9.18	\$19,092	\$10.62	\$22,095	\$9.53	\$19,828	\$10.27	\$21,371	\$11.02	\$22,920
51-3011	Bakers	60	\$8.97	\$18,663	\$8.14	\$16,941	\$9.39	\$19,525	\$8.15	\$16,945	\$8.92	\$18,556	\$10.00	\$20,806
51-3021	Butchers and Meat Cutters		\$10.05	\$20,902	\$7.95	\$16,530	\$11.10	\$23,088	\$8.52	\$17,723	\$9.82	\$20,427	\$11.14	\$23,164
51-4031	Cutting, Punching, and Press Machine Setters, Operatc	50	\$11.04	\$22,958	\$8.53	\$17,733	\$12.29	\$25,570	\$9.25	\$19,243	\$11.08	\$23,055	\$12.95	\$26,929
51-4032	Drilling and Boring Machine Tool Setters, Operators, an	80	\$18.34	\$38,148	\$15.20	\$31,619	\$19.91	\$41,412	\$16.04	\$33,361	\$18.07	\$37,582	\$20.94	\$43,560
51-4041	Machinists	240	\$24.23	\$50,400	\$15.71	\$32,685	\$28.49	\$59,258	\$18.39	\$38,249	\$25.95	\$53,981	\$29.51	\$61,375
51-4111	Tool and Die Makers	20	\$23.84	\$49,582	\$13.51	\$28,092	\$29.00	\$60,326	\$14.85	\$30,896	\$27.20	\$56,574	\$31.79	\$66,128
51-4121	Welders, Cutters, Solderers, and Brazers	600	\$15.56	\$32,360	\$10.04	\$20,876	\$18.32	\$38,102	\$11.00	\$22,881	\$13.67	\$28,436	\$17.80	\$37,023
51-4194	Tool Grinders, Filers, and Sharpeners	20	\$16.96	\$35,278	\$12.07	\$25,100	\$19.41	\$40,366	\$13.35	\$27,772	\$17.37	\$36,125	\$20.56	\$42,757
51-5112	Printing Press Operators	50	\$16.23	\$33,765	\$12.18	\$25,334	\$18.26	\$37,981	\$13.45	\$27,968	\$16.10	\$33,481	\$18.50	\$38,478
51-6011	Laundry and Dry-Cleaning Workers	60	\$8.43	\$17,531	\$8.14	\$16,927	\$8.57	\$17,832	\$7.92	\$16,471	\$8.49	\$17,666	\$9.07	\$18,862
51-7041	Sawing Machine Setters, Operators, and Tenders, Woc	180	\$11.85	\$24,648	\$8.92	\$18,549	\$13.32	\$27,698	\$9.50	\$19,765	\$11.11	\$23,117	\$13.58	\$28,247
51-7042	Woodworking Machine Setters, Operators, and Tenders	70	\$13.30	\$27,654	\$9.78	\$20,341	\$15.05	\$31,310	\$10.75	\$22,357	\$13.25	\$27,552	\$15.88	\$33,039
51-8012	Power Distributors and Dispatchers	10	\$33.27	\$69,200	\$26.44	\$54,988	\$36.69	\$76,305	\$26.05	\$54,182	\$33.65	\$69,999	\$40.00	\$83,206
51-8021	Stationary Engineers and Boiler Operators	10	\$20.28	\$42,183	\$11.65	\$24,223	\$24.60	\$51,162	\$11.45	\$23,809	\$23.21	\$48,271	\$26.11	\$54,306
51-8031	Water and Liquid Waste Treatment Plant and System C	170	\$14.43	\$30,009	\$11.36	\$23,620	\$15.96	\$33,204	\$12.10	\$25,171	\$13.54	\$28,172	\$15.20	\$31,607
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still M	50	\$9.80	\$20,386	\$7.97	\$16,585	\$10.71	\$22,286	\$8.04	\$16,720	\$8.76	\$18,223	\$10.82	\$22,515
51-9021	Crushing, Grinding, and Polishing Machine Setters, Opr	40	\$10.34	\$21,508	\$8.05	\$16,751	\$11.48	\$23,886	\$8.17	\$17,003	\$9.00	\$18,719	\$12.97	\$26,984
51-9023	Mixing and Blending Machine Setters, Operators, and T	80	\$13.13	\$27,318	\$8.90	\$18,518	\$15.25	\$31,718	\$9.71	\$20,187	\$13.30	\$27,654	\$16.27	\$33,836
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	210	\$17.32	\$36,033	\$10.25	\$21,316	\$20.86	\$43,391	\$10.73	\$22,322	\$13.91	\$28,941	\$23.32	\$48,504
51-9111	Packaging and Filling Machine Operators and Tenders	60	\$12.52	\$26,036	\$10.35	\$21,527	\$13.60	\$28,291	\$10.87	\$22,609	\$12.34	\$25,670	\$13.74	\$28,587
51-9121	Coating, Painting, and Spraying Machine Setters, Oper	10	\$11.73	\$24,394	\$8.71	\$18,109	\$13.24	\$27,537	\$9.42	\$19,598	\$11.21	\$23,321	\$14.20	\$29,535
51-9122	Painters, Transportation Equipment	20	\$22.82	\$47,469	\$17.13	\$35,629	\$25.67	\$53,390	\$18.09	\$37,628	\$23.38	\$48,636	\$26.74	\$55,610
51-9198	Helpers--Production Workers	460	\$10.57	\$21,975	\$8.08	\$16,801	\$11.81	\$24,562	\$8.29	\$17,233	\$9.22	\$19,174	\$12.88	\$26,797
51-9399	Production Workers, All Other*	10	\$10.10	\$21,012	\$8.55	\$17,780	\$10.88	\$22,627	\$9.27	\$19,274	\$10.16	\$21,136	\$11.09	\$23,064
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>4,080</b>	<b>\$14.06</b>	<b>\$29,250</b>	<b>\$8.57</b>	<b>\$17,817</b>	<b>\$16.81</b>	<b>\$34,966</b>	<b>\$9.24</b>	<b>\$19,220</b>	<b>\$12.63</b>	<b>\$26,279</b>	<b>\$17.24</b>	<b>\$35,865</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, i	40	\$21.12	\$43,928	\$14.40	\$29,952	\$24.48	\$50,916	\$16.04	\$33,353	\$19.69	\$40,962	\$24.67	\$51,312
53-1031	First-Line Supervisors/Managers of Transportation and	120	\$22.51	\$46,828	\$13.70	\$28,488	\$26.92	\$55,997	\$15.22	\$31,648	\$20.43	\$42,501	\$29.64	\$61,657
53-3022	Bus Drivers, School	290	\$8.88	\$18,472	\$7.99	\$16,620	\$9.33	\$19,398	\$7.93	\$16,496	\$8.55	\$17,784	\$9.17	\$19,072
53-3031	Driver/Sales Workers	160	\$14.84	\$30,864	\$8.00	\$16,642	\$18.26	\$37,975	\$8.51	\$17,693	\$10.11	\$21,032	\$20.30	\$42,217
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,010	\$15.92	\$33,123	\$10.93	\$22,734	\$18.42	\$38,317	\$12.15	\$25,270	\$15.00	\$31,199	\$18.41	\$38,298
53-3033	Truck Drivers, Light or Delivery Services	250	\$15.64	\$32,528	\$9.32	\$19,390	\$18.80	\$39,096	\$10.50	\$21,849	\$14.53	\$30,220	\$19.56	\$40,688
53-3041	Taxi Drivers and Chauffeurs	80	\$9.25	\$19,236	\$8.03	\$16,707	\$9.86	\$20,501	\$8.21	\$17,085	\$9.10	\$18,923	\$10.43	\$21,698

## 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

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			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
53-7021	Crane and Tower Operators		\$14.02	\$29,170	\$10.38	\$21,586	\$15.85	\$32,962	\$10.12	\$21,058	\$10.93	\$22,743	\$19.45	\$40,458
53-7032	Excavating and Loading Machine and Dragline Operatc	120	\$14.37	\$29,892	\$11.78	\$24,499	\$15.67	\$32,588	\$12.16	\$25,298	\$13.35	\$27,778	\$14.56	\$30,279
53-7051	Industrial Truck and Tractor Operators	340	\$16.50	\$34,329	\$13.42	\$27,922	\$18.04	\$37,532	\$15.46	\$32,150	\$16.88	\$35,100	\$18.17	\$37,795
53-7061	Cleaners of Vehicles and Equipment	130	\$9.10	\$18,938	\$8.07	\$16,785	\$9.62	\$20,014	\$8.04	\$16,725	\$8.72	\$18,132	\$9.41	\$19,579
53-7062	Laborers and Freight, Stock, and Material Movers, Han	890	\$10.58	\$22,015	\$8.31	\$17,278	\$11.72	\$24,383	\$8.58	\$17,839	\$9.85	\$20,480	\$11.94	\$24,839
53-7064	Packers and Packagers, Hand	70	\$11.98	\$24,911	\$8.13	\$16,909	\$13.90	\$28,912	\$8.71	\$18,125	\$10.71	\$22,274	\$15.74	\$32,730
53-7073	Wellhead Pumpers		\$18.01	\$37,469	\$13.06	\$27,167	\$20.49	\$42,620	\$13.11	\$27,265	\$14.51	\$30,187	\$24.54	\$51,042
53-7081	Refuse and Recyclable Material Collectors	50	\$12.94	\$26,923	\$9.17	\$19,066	\$14.83	\$30,851	\$9.90	\$20,588	\$13.05	\$27,151	\$15.69	\$32,638