A photograph of several slices of watermelon and a can of beer on a white table. The watermelon slices are arranged in a semi-circle, with some showing the red flesh and black seeds, and others showing the green rind. The beer can is dark with a white label that says "MORT" and "CRAFT BEER". The background is slightly blurred, showing a person's arm in a blue shirt.

# The South Central 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 Workforce Services interactive MAPS containing county, state, and national unemployment data. If you have any questions about the LMI site please e-mail us at [Imi1@oesc.state.ok.us](mailto:Imi1@oesc.state.ok.us).

The LMI site can be found at:

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



# Resources for Economic Data

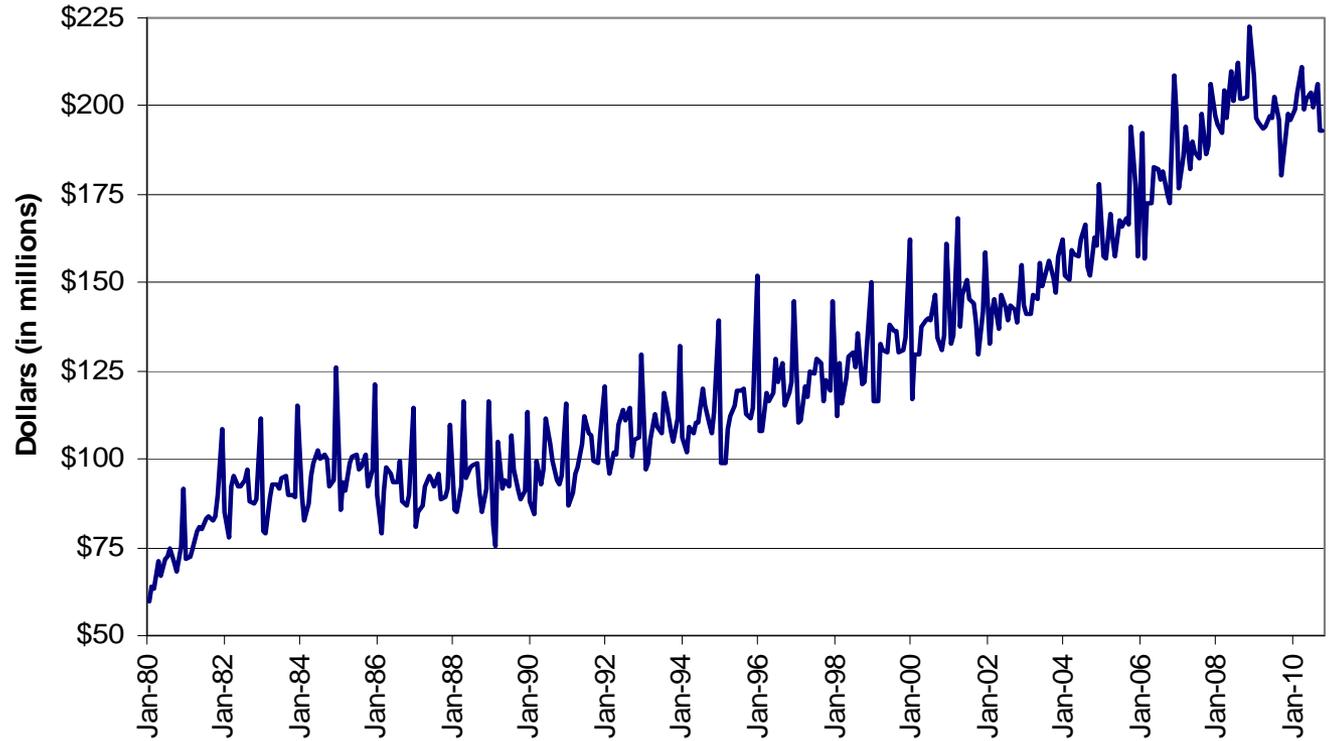
What is it?	What does it have?	Where is it located?
<b>The Oklahoma Employment Security Commission's Labor Market Information website</b>	The OESC's LMI site contains: Industry and Occupational Projections; The Quarterly Census of Employment and Wages; Occupational Wages; Local Area Unemployment Statistics,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

# The South Central WIA



# Sales Subject to Tax

## Monthly Sales Subject to Tax - South Central 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:

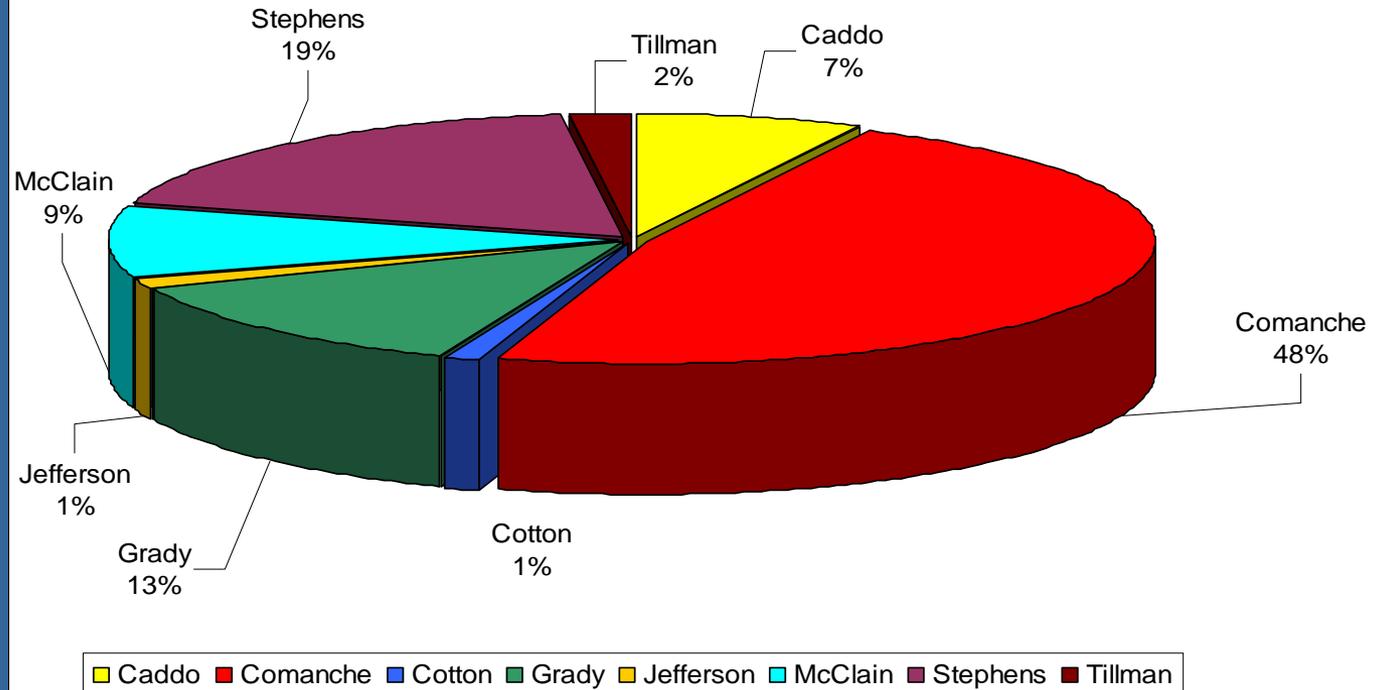
<http://origins.ou.edu>

## Monthly Sales Subject to Tax:

From January 1980 to November of 2008, the South Central WIA has experienced consistent and positive growth overall in sales subject to tax. Average monthly sales subject to tax had increased from \$71 million in 1980 to \$204 million in 2008. Since November of 2008, the monthly sales subject to tax for the South Central WIA had declined by \$29 million up to October 2010.

# Sales Subject to Tax

## Sales Subject to Tax - County Contribution to the South Central 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:

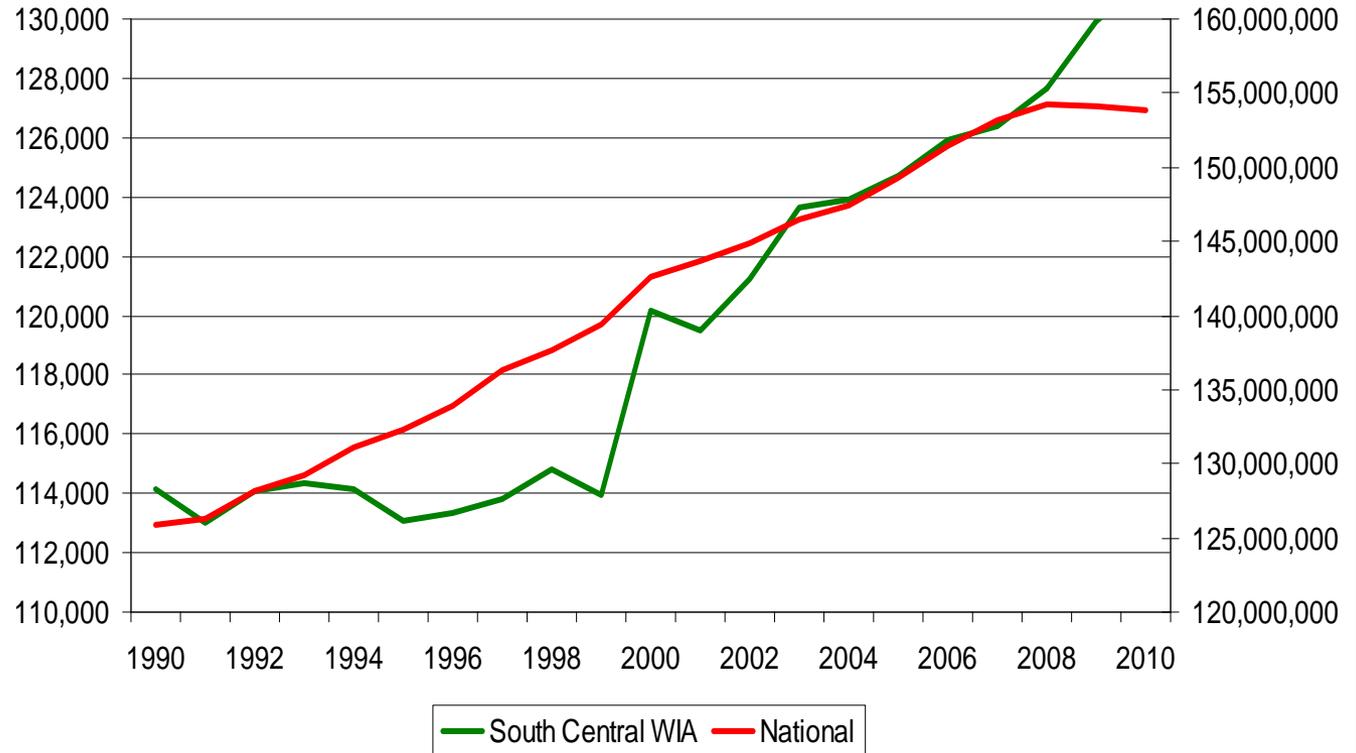
<http://origins.ou.edu>

### Monthly Sales Subject to Tax:

Comanche County is responsible for forty-eight percent of the total sales subject to tax for the South Central WIA for 2010. Stephens County came in second at nineteen percent, while Grady County came in third at thirteen percent. The remaining counties each contributed between one and nine percent.

# Employment and Unemployment

## Average Annual Workforce 1990-2010 - South Central 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.

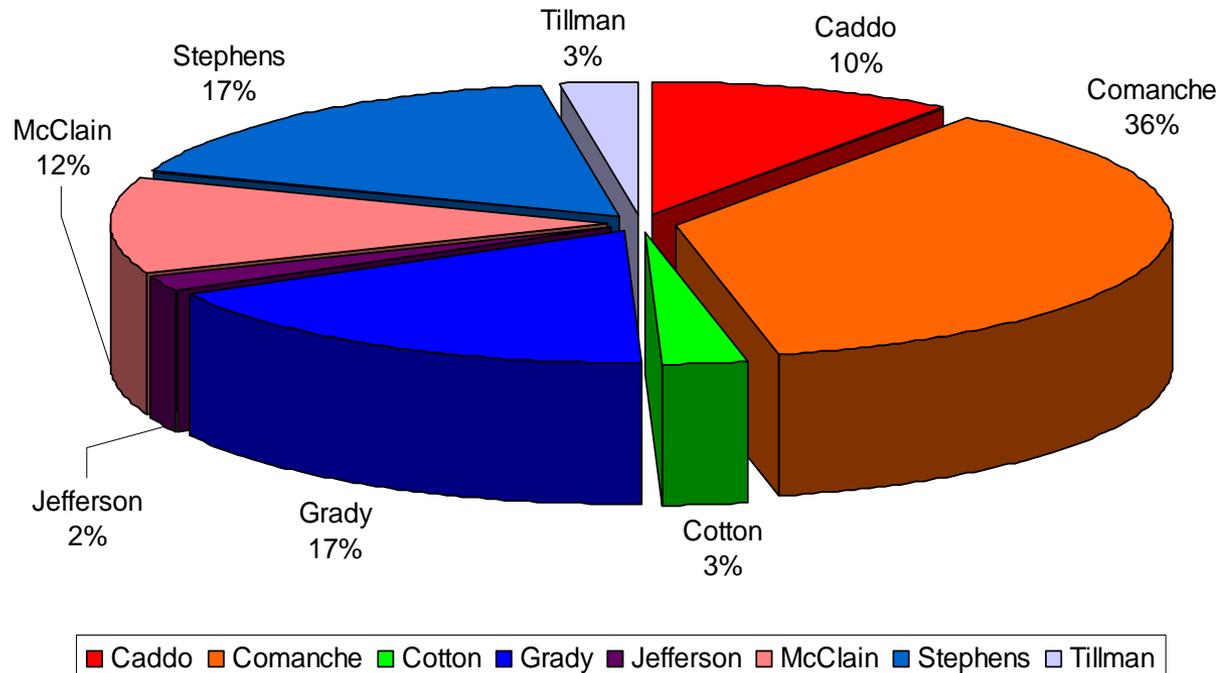
[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

Between 1990 and 1999 the South Central WIA's workforce remained relatively unchanged. In 2000 the South Central WIA experienced a significant increase in its average annual workforce and has been growing at a consistent rate since. Between 1990 and 2010 the South Central WIA increased its average annual workforce from 114,139 to 128,748, an increase of 12.8%.

# Employment and Unemployment

## Workforce Distribution - 2010



## Workforce:

Comanche County is responsible for thirty-six percent of the South Central WIA's workforce. Grady County is responsible for seventeen percent; Stephens County is also responsible for seventeen percent; and McClain County is responsible for twelve percent. The remaining counties are responsible for between three and ten percent of the workforce distribution.

## About the Data:

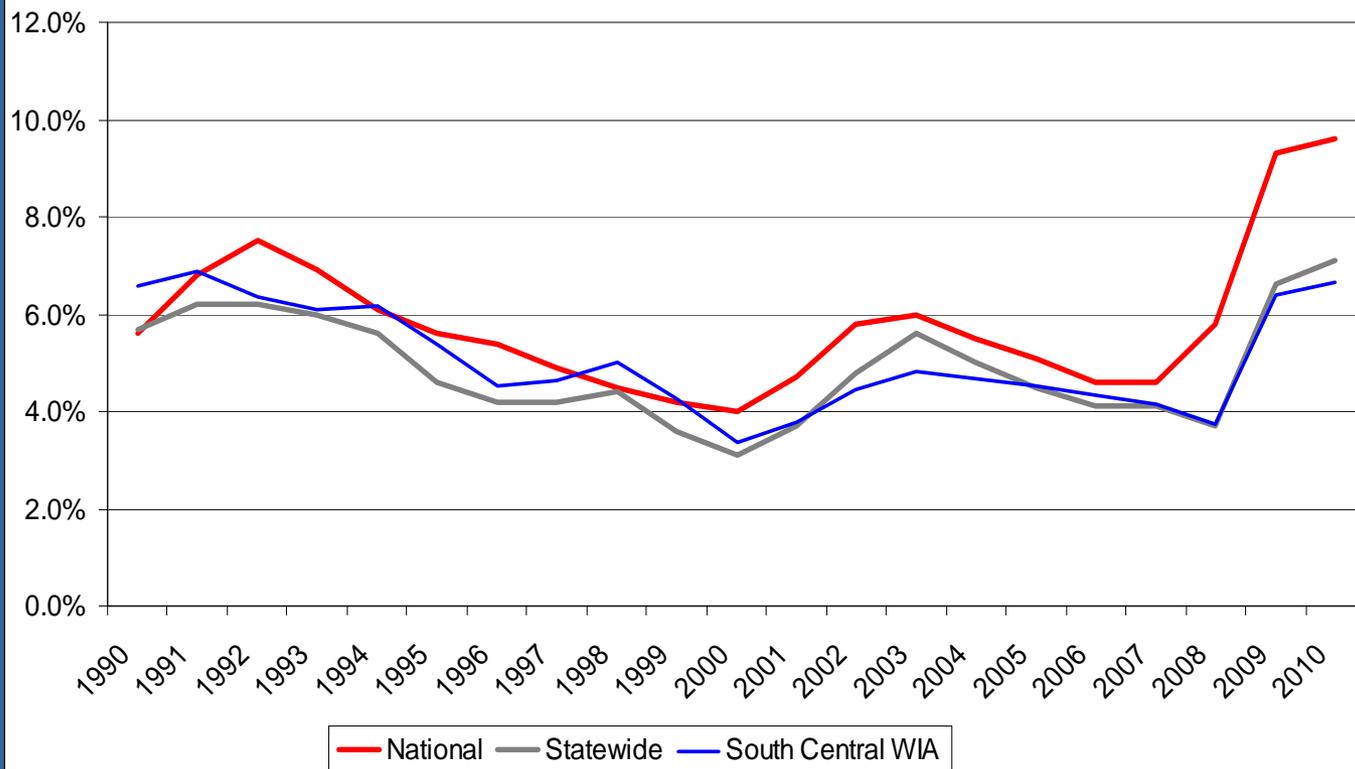
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# Employment and Unemployment

## Average Annual Unemployment Rate 1990-2010 - South Central 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.

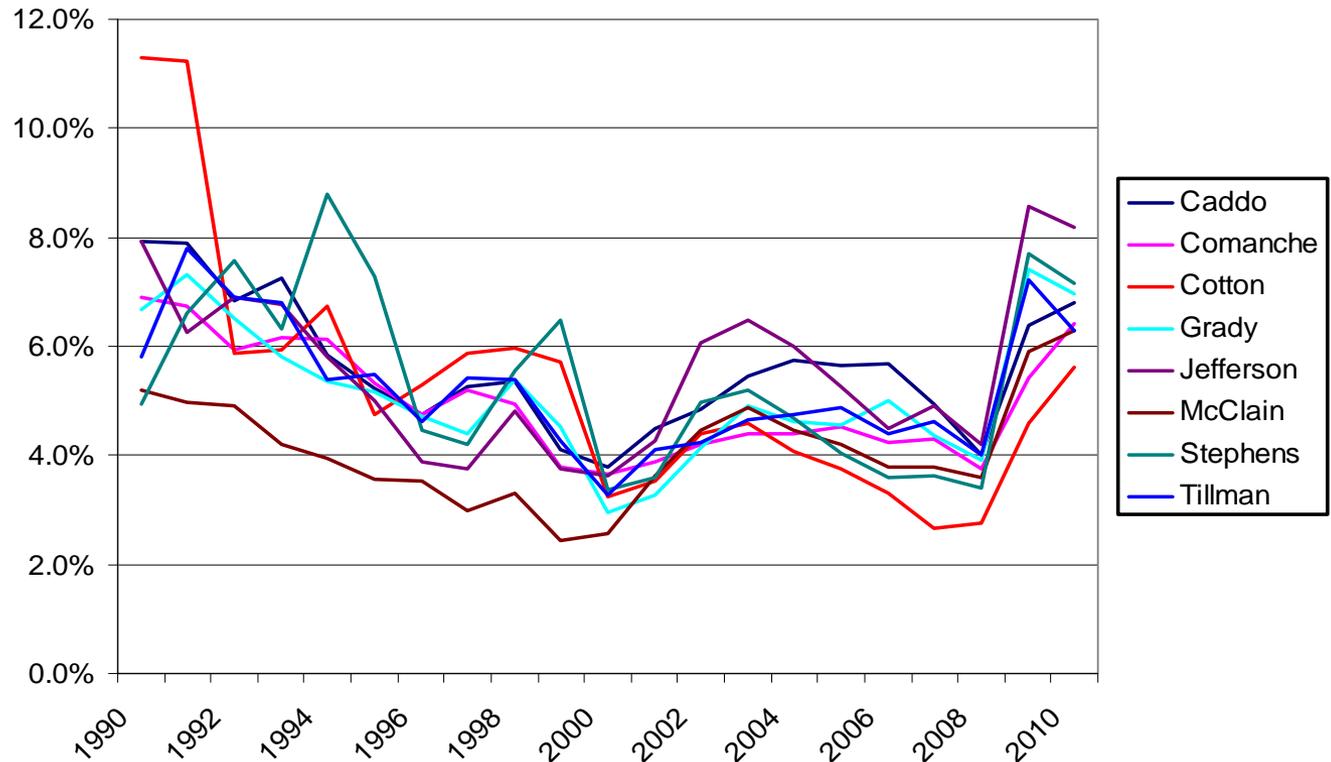
[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

The South Central WIA's average annual unemployment rate between 1990 and 2002 was above the statewide average, but below national average. The South Central WIA's average annual unemployment rate between 2002 and 2008 was below both the statewide and national average, but it increased sharply from 2008 to 2010. The South Central WIA's annual unemployment rate, on average between 1990 and 2010, was 5.08%, or 12.41% lower than the national average, but 3.67% higher than the statewide average.

# Employment and Unemployment

Average Annual Unemployment Rate 1990-2010 - Each County



## About the Data:

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

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

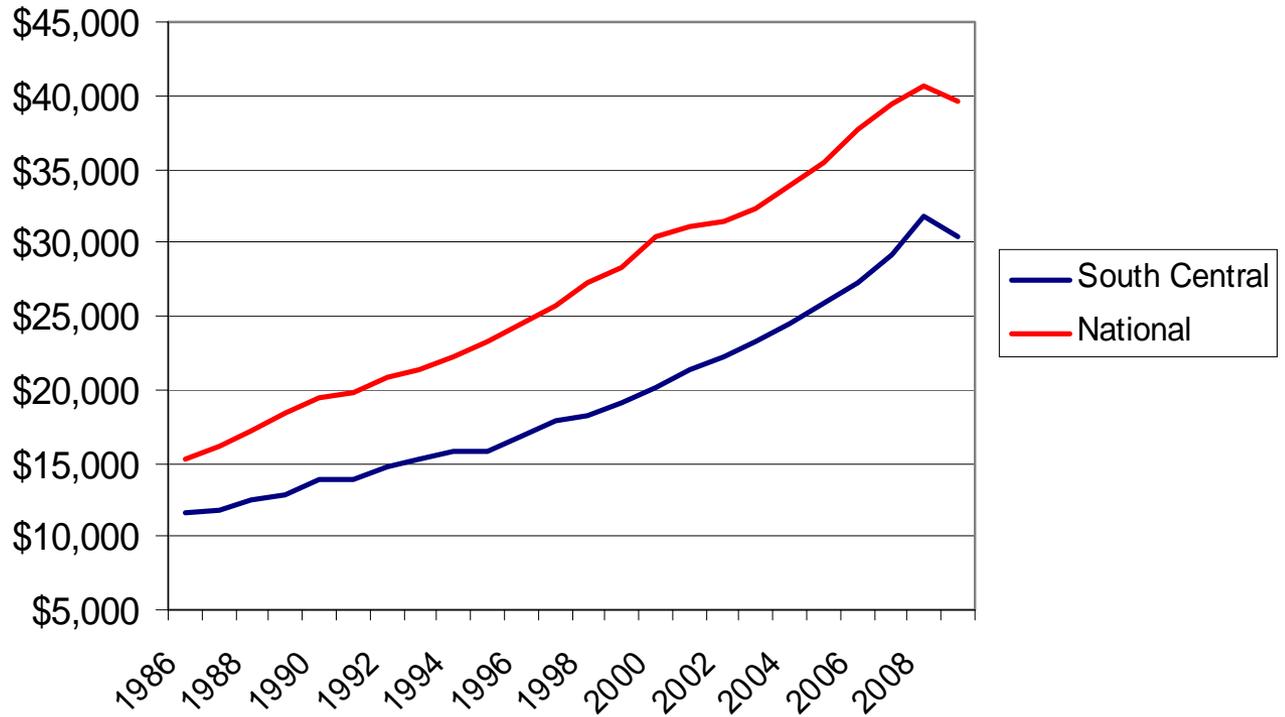
[http://www.ok.gov/oesc\\_web/Services/Find\\_Labor\\_Market\\_Statistics/index.html](http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.html)

## Workforce:

Between 1990 and 2008 each county in the South Central WIA had fluctuating levels of unemployment. Between 1990 and 2008, on average, Caddo County had the highest rate of unemployment, or 5.53% annual unemployment rate, and McClain had the lowest unemployment rate, or 3.92% annual unemployment rate. All counties experienced sharp increases in the annual unemployment rate from 2008 to 2010.

# Per Capita Personal Income

## Per Capita Personal Income South Central 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:

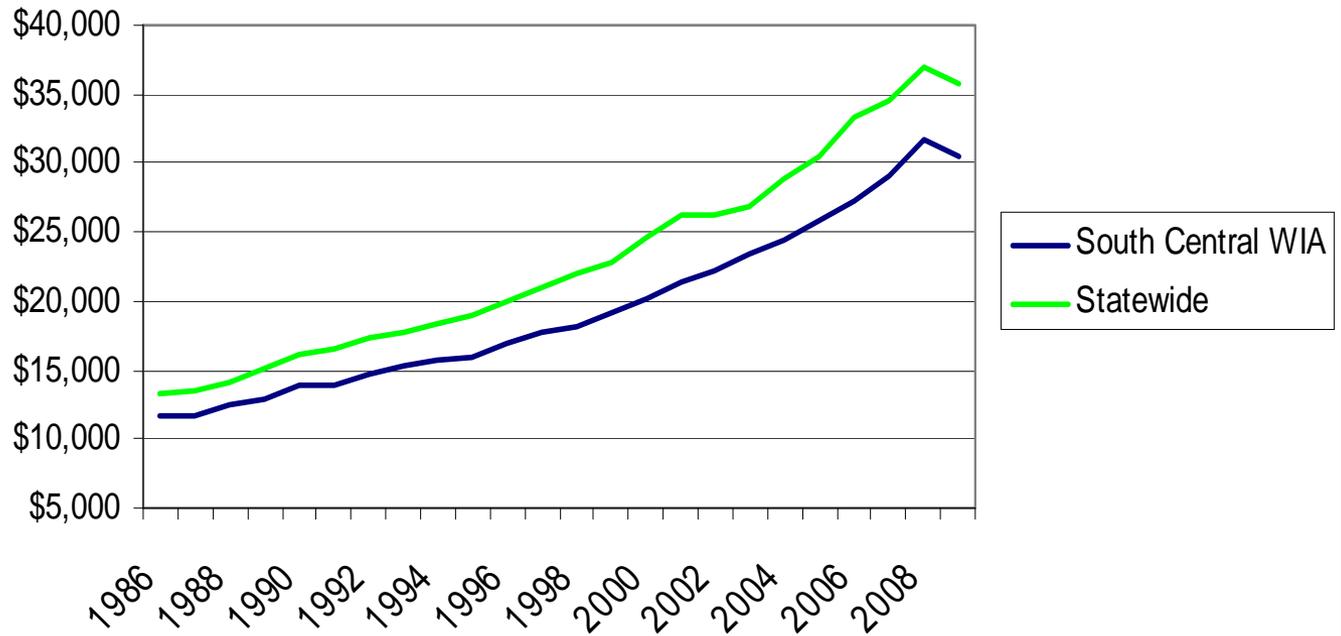
<http://www.bea.gov/>

## Per Capita Personal Income:

The South Central WIA's per capita income has realized a positive increase between the years of 1986 and 2008. The South Central 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 increased \$20,055 over those 23 years to \$31,721. The national per capita personal income was 28.22% higher than the South Central WIA level at \$40,674 in 2008. Both the national and the South Central WIA's per capita personal income decreased from 2008 to 2009.

# Per Capita Personal Income

## South Central 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.

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

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

## Per Capita Personal Income:

Between 1986 and 2009 the South Central WIA's per capita personal income trailed that of the state average. Though both areas followed a similar trend, the South Central WIA's per capita personal income was on average \$3,514 less than the statewide average.

# Per Capita Personal Income

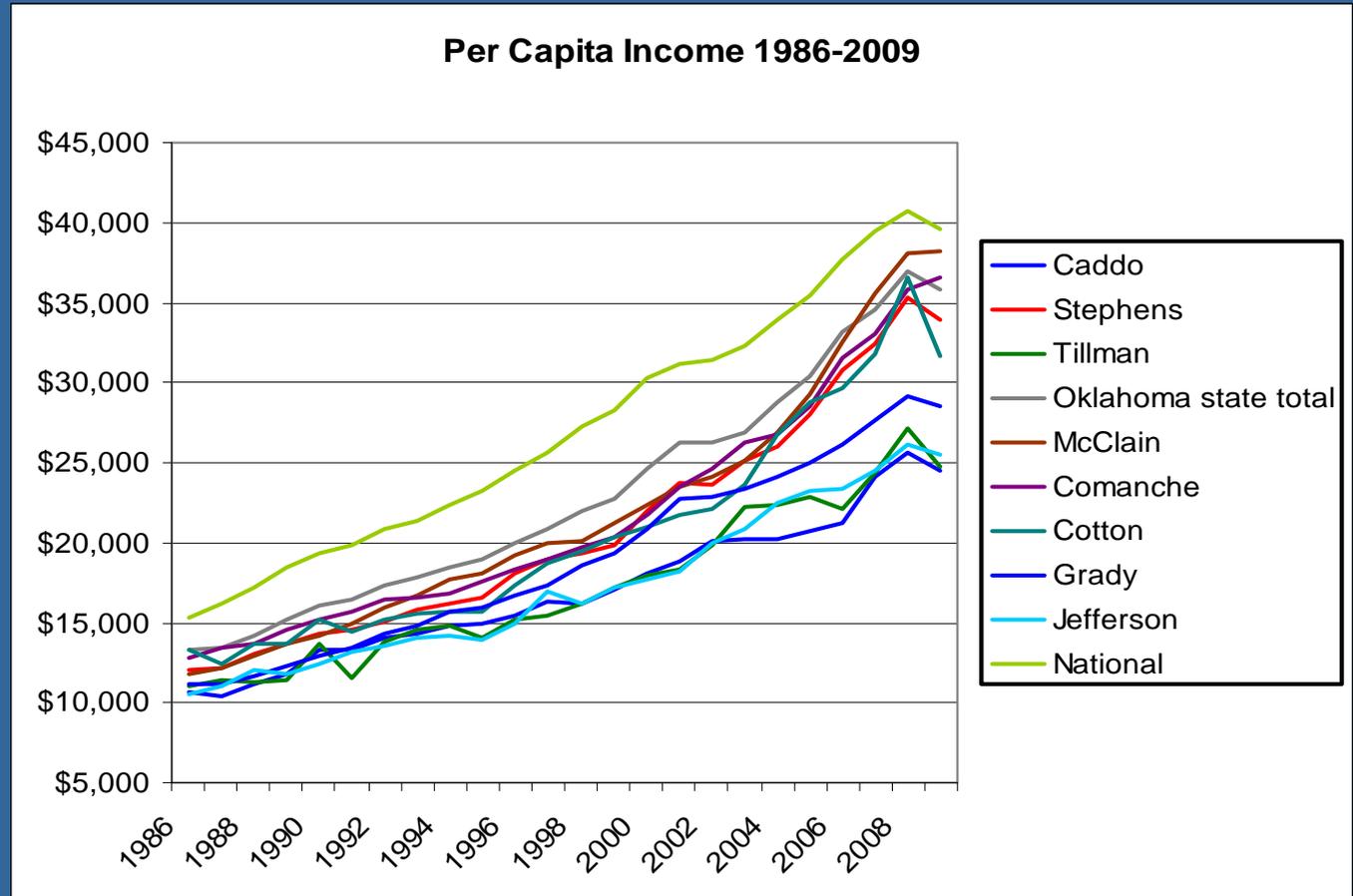


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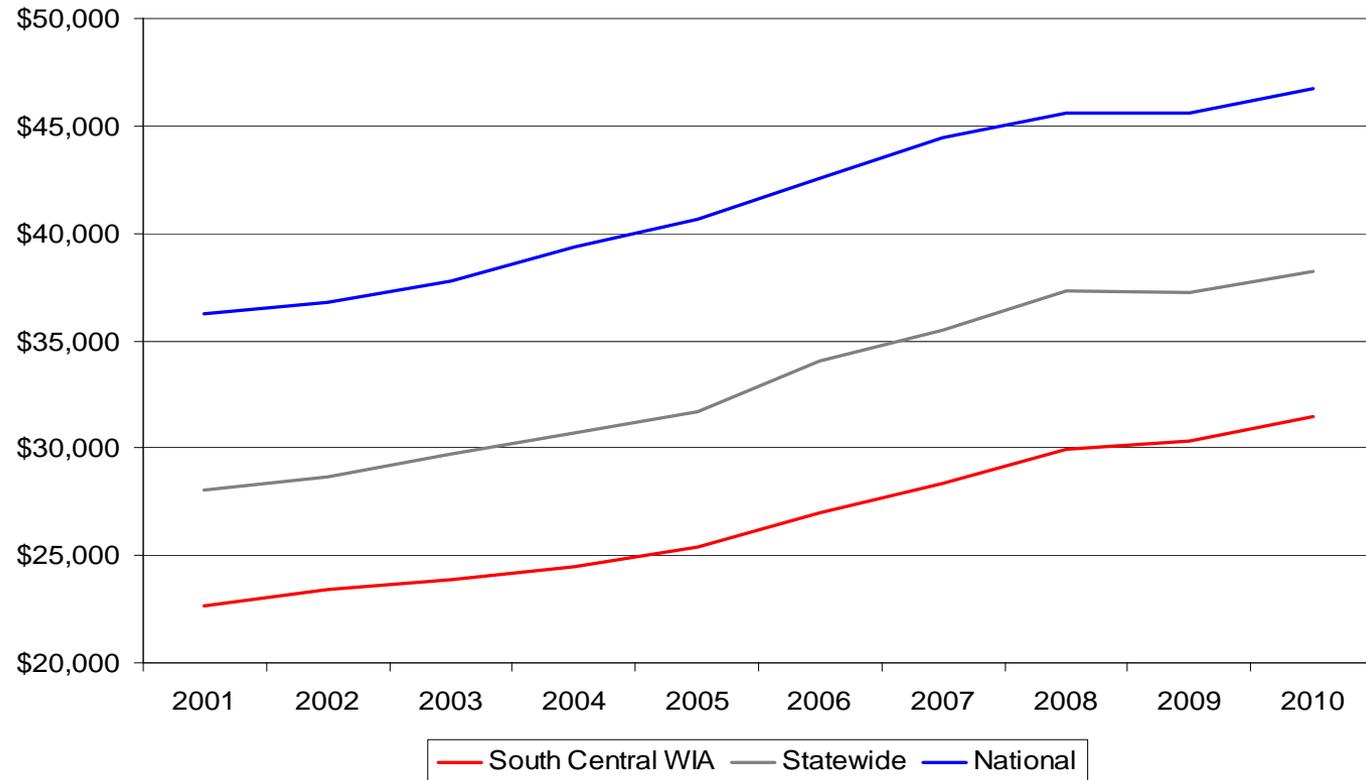
## Per Capita Personal Income:

Of the eight counties that the South Central WIA is comprised of, Cotton County exceeded the statewide per capita income average in 1986, and Comanche County exceeded the statewide per capita income average in 2009. McClain County exceeded the statewide per capita income average between 2007 and 2009. On average, Caddo County had the lowest per capita income, or \$16,973 while McClain County had the highest, or \$21,830 between 1986 and 2009.



# Quarterly Census of Employment and Wages

## Average Annual Salary South Central WIA 2001-2010



## About the Data:

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

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

For other states please visit:

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

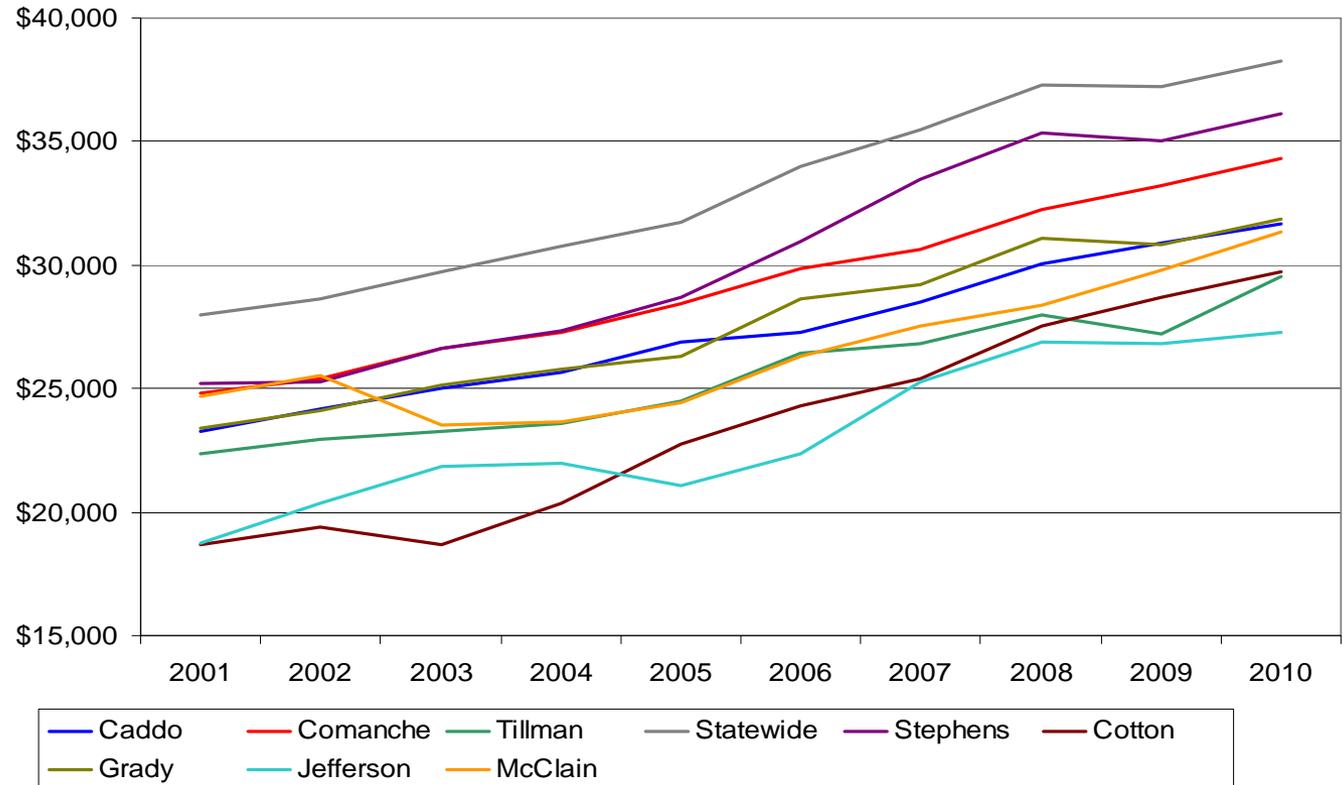
## Average Annual Salary:

Between the years 2001 and 2010 the South Central WIA followed the statewide and national trend in average annual salaries. The South Central WIA's average annual salary trailed the statewide annual average by \$6,431 during that same time period. The South Central WIA's average annual salary increased from \$22,645 in 2001 to \$31,491 in 2010. This is an increase of 39.06% or \$8,846.



# Quarterly Census of Employment and Wages

## Average Annual Salary 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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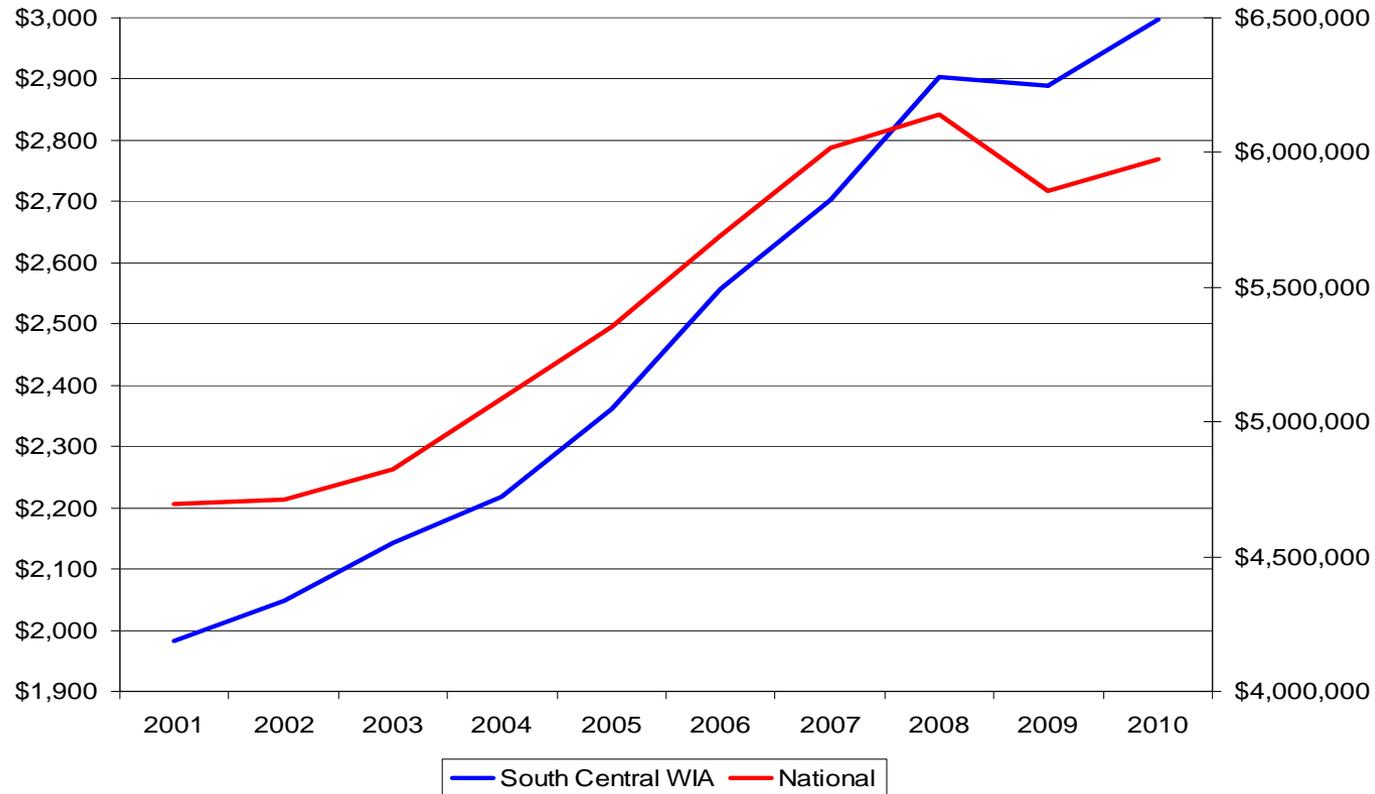
## Average Annual Salary:

Of the eight counties that comprise the South Central WIA, none had an average annual salary greater than the state average. Comanche and Stephens Counties consistently had higher average annual salaries than the other counties. Cotton and Jefferson Counties had the two lowest average annual salaries between 2001 and 2010.



# Quarterly Census of Employment and Wages

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



## About the Data:

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

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

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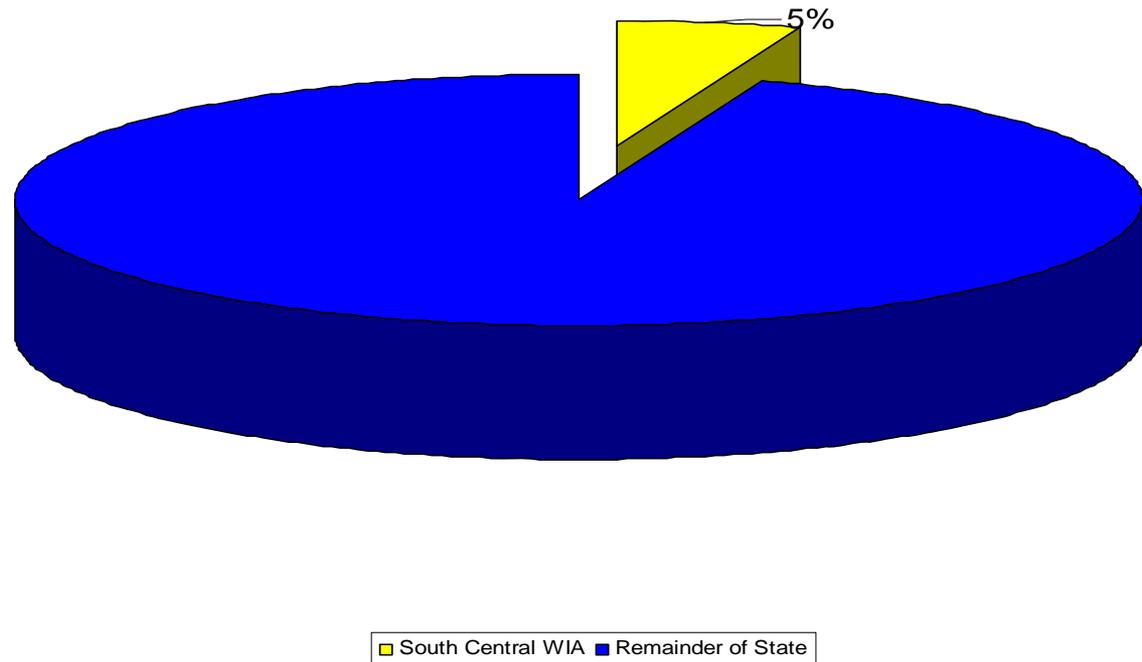
## Total Wages Paid Annually:

Total wages paid annually have increased steadily from 2001 to 2010 for the South Central WIA *though there was a minor decrease between 2008 and 2009*. In 2001, employers paid a payroll of \$1.982 billion. By 2010, that figure had increased to \$2.998 billion. This equates to a 51.25% increase in total wages paid.



# Quarterly Census of Employment and Wages

South Central 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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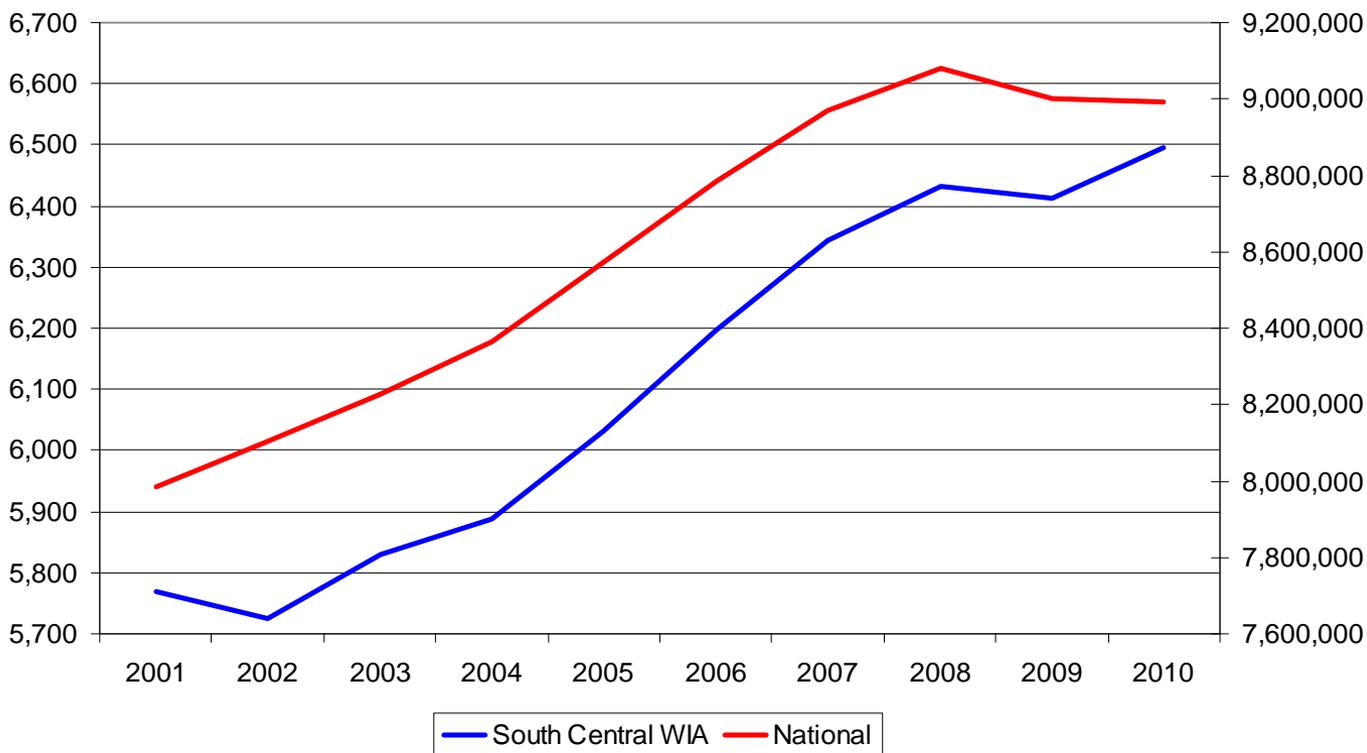
## Total Wages Paid Annually:

The South Central WIA's total annual wages paid for 2010 were \$2.998 billion. The South Central WIA contributed 5% 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 South Central 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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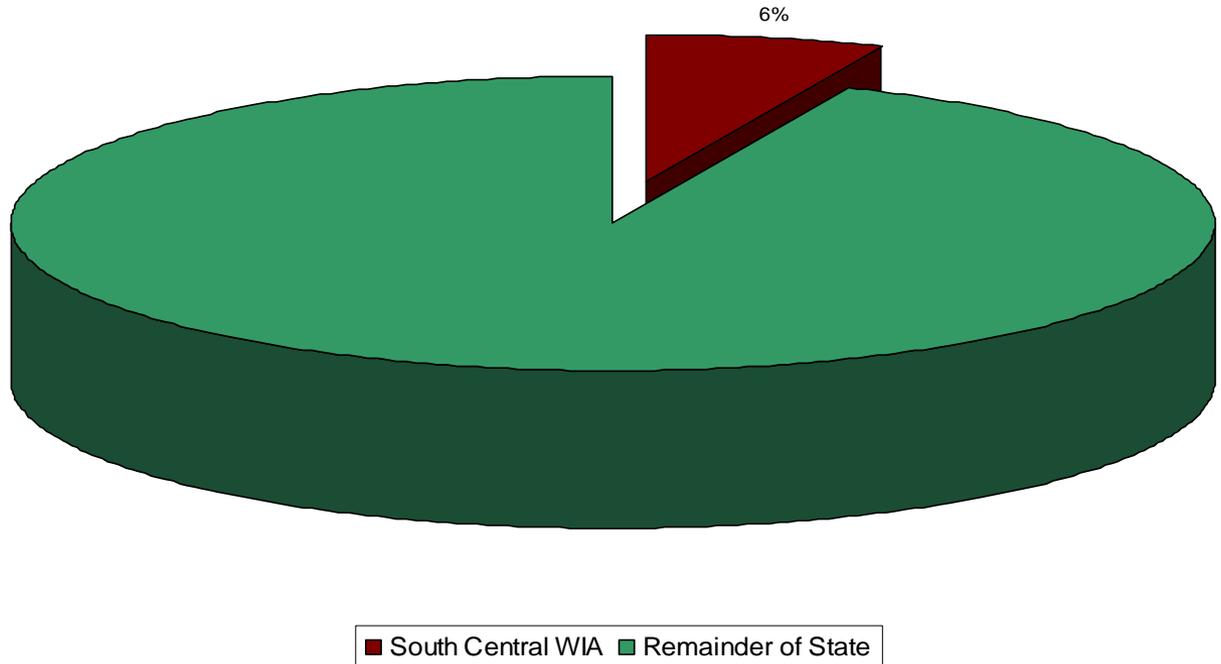
## Number of Business Establishments:

The South Central WIA has experienced positive growth in the number of business establishments located within its boundaries. *Between 2001 and 2002, 2008 and 2009, though, the South Central WIA did experience small decreases in the number of business establishments.* Between the years of 2001 and 2010, the South Central WIA realized a 12.62% increase in the number of business establishments, this equates to 728 establishments.



# Quarterly Census of Employment and Wages

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



### About the Data:

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

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For other states please visit:

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

### Number of Business Establishments:

Of the 102,337 business establishments in Oklahoma in 2010, six percent, or 6,496, were located in the South Central 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	112	820	\$5,913,392	\$554.95
Mining	219	3,401	\$63,326,430	\$1,432.16
Utilities	67	1,097	\$15,049,546	\$1,055.61
Construction	714	5,003	\$46,762,364	\$718.99
Manufacturing	236	8,146	\$105,264,968	\$994.06
Wholesale Trade	244	1,942	\$16,501,260	\$653.51
Retail Trade	1,001	12,029	\$66,640,450	\$426.16
Transportation and Warehousing	284	2,891	\$28,368,663	\$754.83
Information	96	1,023	\$9,225,363	\$693.91
Finance and Insurance	414	3,574	\$29,227,381	\$629.12
Real Estate and Rental and Leasing	219	1,168	\$8,881,451	\$584.75
Professional, Scientific and Technical Services	470	2,150	\$21,701,906	\$776.33
Management of Companies and Enterprises	15	245	\$1,570,525	\$493.10
Administrative and Support and Waste Management	337	4,123	\$31,718,698	\$591.83
Educational Services	103	9,948	\$93,510,520	\$723.10
Health Care and Social Assistance	628	11,906	\$104,743,688	\$676.73
Arts, Entertainment and Recreation	78	2,194	\$13,165,748	\$461.60
Accommodation and Food Services	471	8,444	\$28,210,148	\$257.00
Other Services (except Public Administration)	399	1,876	\$11,358,963	\$465.84
Public Administration	350	8,234	\$88,401,763	\$825.83

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

### Second Quarter 2011 Data:

In the South Central WIA, the "Retail Trade" industry, with an average quarterly employment of 12,029, employs the most people. The "Retail Trade" industry is also 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 \$1,432.16

# Employment Projections 2008-2018

## SOUTH CENTRAL 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	97,000	104,440	7,440	7.7%	30,970	\$16.89	
41-2011	Cashiers	2,960	3,090	130	4.4%	1,460	\$9.07	Short-term on-the-job training
41-2031	Retail Salespersons	3,060	3,360	300	9.8%	1,150	\$10.35	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,380	1,300	-80	-5.8%	760	\$8.72	Short-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	1,380	1,530	160	11.5%	590	\$16.01	Postsecondary vocational training
35-3021	Combined Food Preparation and Serving Workers, Incl	2,270	2,340	70	3.2%	550	\$8.98	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Education	1,400	1,590	190	13.6%	510	N/A	Bachelor's degree
33-3012	Correctional Officers and Jailers	890	1,200	310	35.2%	510	\$12.28	Moderate-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	2,040	2,150	110	5.1%	490	\$10.39	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,550	1,760	210	13.3%	480	\$17.45	Short-term on-the-job training
11-1021	General and Operations Managers	1,490	1,470	-20	-1.1%	430	\$36.18	Bachelor's or higher degree, plus work experience
43-9061	Office Clerks, General	1,890	2,060	170	9.0%	430	\$12.01	Short-term on-the-job training
29-1111	Registered Nurses	1,380	1,550	170	12.4%	410	\$27.77	Associate degree
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,500	1,590	90	5.7%	410	\$15.15	Work experience in a related occupation
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,960	2,130	170	8.6%	400	\$12.81	Moderate-term on-the-job training
43-3071	Tellers	860	890	40	4.3%	390	\$9.69	Short-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Vocational	1,040	1,110	70	6.7%	370	N/A	Bachelor's degree
43-4051	Customer Service Representatives	820	940	110	13.8%	370	\$12.29	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,050	1,050	0	-0.1%	340	\$10.44	Short-term on-the-job training
25-9041	Teacher Assistants	1,090	1,180	80	7.6%	310	N/A	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	950	1,050	90	9.9%	310	\$10.20	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative	920	1,000	80	9.2%	290	\$17.50	Work experience in a related occupation
43-6014	Secretaries, Except Legal, Medical, and Executive	1,750	1,790	40	2.3%	280	\$12.40	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	650	750	100	15.4%	270	\$16.89	Long-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and	370	370	0	0.5%	270	\$8.08	Short-term on-the-job training
39-9011	Child Care Workers	820	850	30	4.0%	270	\$8.85	Short-term on-the-job training
25-2022	Middle School Teachers, Except Special and Vocational	660	750	90	13.0%	240	N/A	Bachelor's degree
47-1011	First-Line Supervisors/Managers of Construction Trades	720	820	100	13.6%	240	\$25.81	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	880	980	90	10.5%	230	N/A	Bachelor's degree
43-4171	Receptionists and Information Clerks	600	670	70	12.2%	230	\$10.32	Short-term on-the-job training
39-9021	Personal and Home Care Aides	460	620	160	35.5%	220	\$9.86	Short-term on-the-job training

## Occupation with the Most Openings:

Between 2008 and 2018, the South Central WIA is estimated to add 7,440 jobs. Of those, "cashiers", "retail salesperson", and "waiters and waitresses" 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 South Central 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

## SOUTH CENTRAL 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	97,000	104,440	7,440	7.7%	30,970	\$16.89	
33-3012	Correctional Officers and Jailers	890	1,200	310	35.2%	510	\$12.28	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,060	3,360	300	9.8%	1,150	\$10.35	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,550	1,760	210	13.3%	480	\$17.45	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Education	1,400	1,590	190	13.6%	510	N/A	Bachelor's degree
43-9061	Office Clerks, General	1,890	2,060	170	9.0%	430	\$12.01	Short-term on-the-job training
29-1111	Registered Nurses	1,380	1,550	170	12.4%	410	\$27.77	Associate degree
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,960	2,130	170	8.6%	400	\$12.81	Moderate-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	1,380	1,530	160	11.5%	590	\$16.01	Postsecondary vocational training
39-9021	Personal and Home Care Aides	460	620	160	35.5%	220	\$9.86	Short-term on-the-job training
47-2061	Construction Laborers	690	840	150	21.7%	200	\$11.12	Moderate-term on-the-job training
41-2011	Cashiers	2,960	3,090	130	4.4%	1,460	\$9.07	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	2,040	2,150	110	5.1%	490	\$10.39	Short-term on-the-job training
43-4051	Customer Service Representatives	820	940	110	13.8%	370	\$12.29	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	370	480	110	30.7%	200	\$12.88	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	650	750	100	15.4%	270	\$16.89	Long-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trade	720	820	100	13.6%	240	\$25.81	Work experience in a related occupation
13-2011	Accountants and Auditors	640	740	100	15.7%	210	\$27.03	Bachelor's degree
31-1012	Nursing Aides, Orderlies, and Attendants	1,000	1,090	100	9.9%	200	\$9.82	Postsecondary vocational training
37-3011	Landscaping and Groundskeeping Workers	750	850	100	12.8%	190	\$10.52	Short-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	260	360	100	37.3%	140	\$17.49	Postsecondary vocational training
41-1011	First-Line Supervisors/Managers of Retail Sales Work	1,500	1,590	90	5.7%	410	\$15.15	Work experience in a related occupation
43-5081	Stock Clerks and Order Fillers	950	1,050	100	9.9%	310	\$10.20	Short-term on-the-job training
25-2022	Middle School Teachers, Except Special and Vocational	660	750	90	13.0%	240	N/A	Bachelor's degree
25-3099	Teachers and Instructors, All Other	880	980	100	10.5%	230	N/A	Bachelor's degree
49-9042	Maintenance and Repair Workers, General	700	790	90	13.2%	200	N/A	Moderate-term on-the-job training
25-9041	Teacher Assistants	1,090	1,180	90	7.6%	310	N/A	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Adminis	920	1,000	80	9.2%	290	\$17.50	Work experience in a related occupation
47-2111	Electricians	450	530	80	17.0%	190	\$21.22	Long-term on-the-job training
33-2011	Fire Fighters	300	380	80	26.3%	170	\$16.52	Long-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	440	520	80	19.1%	170	\$18.34	Long-term on-the-job training

## Occupations with the Most Growth:

For the South Central WIA, "correctional officers and jailers", "retail salespersons", and "truck drivers, heavy and tractor-trailer" 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 South Central 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)

# Industry Projections 2008-2018

## SOUTH CENTRAL WORKFORCE INVESTMENT AREA INDUSTRY EMPLOYMENT OUTLOOK, 2008-2018

INDUSTRY	EMPLOYMENT		Employment Change, 2008-2018	
	2008	2018	Numeric	Percent
Total	91,190	98,410	7,220	7.92%
Agriculture, Forestry, Fishing and Hunting	820	820	0	-0.37%
Mining	3,460	3,770	300	8.79%
Utilities	740	670	-70	-9.59%
Construction	4,590	5,560	980	21.24%
Manufacturing	8,580	8,750	170	1.96%
Wholesale Trade	2,060	2,070	10	0.63%
Retail Trade	11,920	12,810	890	7.46%
Transportation and Warehousing	2,410	2,570	160	6.72%
Information	1,030	970	-60	-6.12%
Finance and Insurance	3,940	4,050	110	2.72%
Real Estate and Rental and Leasing	1,000	1,090	80	8.30%
Professional, Scientific, and Technical Services	2,470	3,040	570	22.96%
Management of Companies and Enterprises	160	150	-20	-10.63%
Administrative and Support and Waste Management and Remediation Services	3,760	4,890	1,120	29.87%
Educational Services	10,150	11,030	880	8.67%
Health Care and Social Assistance	11,150	12,500	1,350	12.14%
Arts, Entertainment, and Recreation	860	860	0	0.35%
Accommodation and Food Services	7,790	7,470	-330	-4.18%
Other Services (except Public Administration)	1,910	1,810	-110	-5.60%
Federal Government	4,600	4,610	10	0.11%
State Government	1,800	1,940	130	7.44%
Local Government	5,970	7,010	1,040	17.42%

## 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 South Central WIA, the "Retail Trade", and "Health Care and Social Assistance" are expected to experience the greatest growth in employment. Five of the twenty-two industry sectors are projected to experience a decrease in employment between 2008 and 2018.

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**SOUTH CENTRAL 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	97,000	104,440	7,440	7.7%	30,970	\$16.89	
11-1011	Chief Executives	550	530	-20	-3.3%	150	\$56.66	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	1,490	1,470	-20	-1.1%	430	\$36.18	Bachelor's or higher degree, plus work experience
11-1031	Legislators	70	80	10	10.1%	30	N/A	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	40	40	0	8.6%	10	\$33.00	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	100	100	10	8.4%	30	\$33.04	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	20	20	0	14.3%	10	\$30.02	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	120	130	10	9.9%	40	\$29.95	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	40	50	10	15.0%	10	\$39.88	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	290	310	20	6.5%	70	\$36.09	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	30	30	0	7.1%	10	N/A	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	40	40	0	10.5%	10	N/A	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	90	90	0	2.2%	30	\$34.21	Work experience in a related occupation
11-3061	Purchasing Managers	30	30	0	4.0%	10	\$33.10	Bachelor's or higher degree, plus work experience
11-9011	Farm, Ranch, and Other Agricultural Managers	180	190	10	6.8%	50	N/A	Bachelor's or higher degree, plus work experience
11-9021	Construction Managers	170	200	30	17.5%	40	\$29.76	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	30	0	8.0%	10	\$19.84	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	260	270	20	5.9%	90	N/A	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	30	30	0	0.0%	10	\$43.29	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	40	40	0	2.8%	10	N/A	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	30	30	0	11.1%	10	\$53.66	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	260	260	-10	-1.9%	50	\$19.73	Work experience in a related occupation
11-9061	Funeral Directors	40	40	0	-2.7%	10	N/A	Associate degree
11-9111	Medical and Health Services Managers	170	180	10	6.0%	40	\$36.61	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	70	60	-10	-17.1%	10	\$28.52	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	290	310	20	6.6%	70	\$14.26	Bachelor's degree
11-9151	Social and Community Service Managers	70	70	0	4.5%	20	\$22.56	Bachelor's degree
11-9199	Managers, All Other	60	70	0	4.8%	20	\$39.47	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	70	70	0	-4.2%	20	\$20.20	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	150	180	20	15.7%	60	\$25.00	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	160	170	10	4.3%	50	\$18.46	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	150	190	40	30.3%	60	\$19.95	Long-term on-the-job training
13-1051	Cost Estimators	50	70	20	29.4%	30	\$27.34	Bachelor's degree
13-1061	Emergency Management Specialists	30	30	10	24.0%	10	N/A	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	50	60	10	14.3%	20	N/A	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	15.8%	20	N/A	Bachelor's degree
13-1073	Training and Development Specialists	230	310	80	32.5%	140	N/A	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	80	90	10	13.9%	30	N/A	Bachelor's degree
13-1081	Logisticians	90	100	10	11.8%	30	\$29.22	Bachelor's degree
13-1111	Management Analysts	270	280	10	4.5%	60	\$31.16	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	500	520	20	4.2%	130	\$29.31	Bachelor's degree
13-2011	Accountants and Auditors	640	740	100	15.7%	210	\$27.03	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	80	90	10	6.0%	20	\$16.77	Associate degree
13-2031	Budget Analysts	90	110	20	16.0%	30	\$30.31	Bachelor's degree
13-2051	Financial Analysts	40	60	10	32.6%	20	N/A	Bachelor's degree
13-2071	Loan Counselors	60	60	0	-6.7%	10	\$20.46	Bachelor's degree
13-2072	Loan Officers	350	380	30	9.1%	70	\$20.00	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	60	60	10	12.5%	30	\$20.21	Bachelor's degree
13-2082	Tax Preparers	90	90	0	-2.2%	20	\$10.97	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	40	40	0	2.4%	10	\$28.40	Bachelor's degree
15-1021	Computer Programmers	90	90	0	1.2%	20	N/A	Bachelor's degree
15-1031	Computer Software Engineers, Applications	120	140	30	23.1%	40	N/A	Bachelor's degree
15-1041	Computer Support Specialists	130	130	0	-1.5%	40	N/A	Associate degree
15-1051	Computer Systems Analysts	90	100	10	12.8%	30	N/A	Bachelor's degree
15-1061	Database Administrators	20	20	0	5.3%	0	N/A	Bachelor's degree
15-1071	Network and Computer Systems Administrators	200	240	40	19.2%	70	N/A	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	80	120	40	54.5%	60	N/A	Bachelor's degree

**SOUTH CENTRAL 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			
17-1022	Surveyors	20	20	0	14.3%	10	\$21.34	Bachelor's degree
17-2051	Civil Engineers	110	140	30	23.4%	50	\$32.50	Bachelor's degree
17-2112	Industrial Engineers	40	50	10	19.5%	20	\$35.05	Bachelor's degree
17-2171	Petroleum Engineers	140	190	50	39.3%	80	\$45.00	Bachelor's degree
17-3011	Architectural and Civil Drafters	30	30	0	3.8%	10	\$23.01	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	30	30	0	-3.4%	10	N/A	Postsecondary vocational training
17-3022	Civil Engineering Technicians	60	70	10	19.4%	20	\$18.27	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	100	100	0	-2.9%	20	\$24.81	Associate degree
17-3031	Surveying and Mapping Technicians	40	40	0	8.6%	10	\$18.62	Moderate-term on-the-job training
19-1029	Biological Scientists, All Other	20	20	0	11.8%	10	\$36.52	Doctoral degree
19-1031	Conservation Scientists	20	20	0	0.0%	0	\$32.87	Bachelor's degree
19-2031	Chemists	50	50	0	4.1%	20	N/A	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	30	30	0	6.7%	10	\$27.49	Master's degree
19-3021	Market Research Analysts	40	50	10	20.0%	20	N/A	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	150	160	10	6.0%	50	\$35.76	Doctoral degree
19-3039	Psychologists, All Other	20	20	0	5.0%	10	\$37.23	Master's degree
19-4031	Chemical Technicians	60	70	10	10.9%	20	N/A	Associate degree
19-4041	Geological and Petroleum Technicians	30	30	0	14.8%	10	N/A	Associate degree
19-4093	Forest and Conservation Technicians	20	20	0	0.0%	10	\$20.56	Associate degree
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	60	10	17.0%	20	N/A	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	220	250	20	10.3%	70	\$23.95	Master's degree
21-1014	Mental Health Counselors	130	150	20	13.5%	50	\$23.58	Master's degree
21-1015	Rehabilitation Counselors	130	140	10	10.9%	40	\$12.17	Master's degree
21-1021	Child, Family, and School Social Workers	200	210	10	7.0%	60	\$15.63	Bachelor's degree
21-1022	Medical and Public Health Social Workers	70	80	10	15.3%	30	\$19.34	Bachelor's degree
21-1029	Social Workers, All Other	80	90	0	3.6%	20	\$27.95	Bachelor's degree
21-1091	Health Educators	50	50	10	12.8%	20	\$21.83	Bachelor's degree
21-1093	Social and Human Service Assistants	140	150	10	9.6%	40	\$15.54	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	60	70	10	25.5%	30	N/A	Bachelor's degree
23-1011	Lawyers	340	360	20	6.2%	90	\$34.63	First professional degree
23-2011	Paralegals and Legal Assistants	80	100	20	18.5%	20	\$18.02	Associate degree
23-2093	Title Examiners, Abstractors, and Searchers	90	90	0	1.1%	10	\$15.81	Moderate-term on-the-job training
25-1000	Postsecondary Teachers	560	620	70	11.7%	170	N/A	
25-2011	Preschool Teachers, Except Special Education	390	430	40	10.3%	120	\$13.19	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	240	270	30	11.8%	80	N/A	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,400	1,590	190	13.6%	510	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	660	750	90	13.0%	240	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	1,040	1,110	70	6.7%	370	N/A	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	200	210	10	7.2%	70	N/A	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sch	180	210	30	16.0%	80	N/A	Bachelor's degree
25-2042	Special Education Teachers, Middle School	100	120	20	14.7%	40	N/A	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	130	140	10	10.3%	50	N/A	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	90	100	20	16.9%	30	\$18.45	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	50	50	10	15.6%	10	\$23.29	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	880	980	90	10.5%	230	N/A	Bachelor's degree
25-4021	Librarians	140	150	10	7.8%	50	\$20.83	Master's degree
25-4031	Library Technicians	110	120	10	7.2%	60	\$10.13	Postsecondary vocational training
25-9031	Instructional Coordinators	110	130	20	20.0%	50	\$28.65	Master's degree
25-9041	Teacher Assistants	1,090	1,180	80	7.6%	310	N/A	Short-term on-the-job training
27-1023	Floral Designers	110	110	0	-0.9%	30	\$9.20	Short-term on-the-job training
27-1024	Graphic Designers	40	40	0	2.3%	10	\$13.44	Bachelor's degree
27-2022	Coaches and Scouts	60	80	10	19.0%	20	N/A	Long-term on-the-job training
27-3031	Public Relations Specialists	130	150	20	12.1%	50	\$20.86	Bachelor's degree
27-3042	Technical Writers	20	30	0	18.2%	10	\$28.99	Bachelor's degree
27-3043	Writers and Authors	60	70	10	13.6%	20	\$24.41	Bachelor's degree
29-1011	Chiropractors	30	40	0	9.4%	10	\$27.21	First professional degree

**SOUTH CENTRAL 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			
29-1021	Dentists, General	60	70	10	8.2%	20	\$92.66	First professional degree
29-1031	Dietitians and Nutritionists	50	50	0	4.2%	20	\$25.66	Bachelor's degree
29-1041	Optometrists	60	70	10	18.0%	30	N/A	First professional degree
29-1051	Pharmacists	220	250	40	16.1%	80	\$45.41	First professional degree
29-1062	Family and General Practitioners	190	210	20	12.3%	60	\$71.40	First professional degree
29-1064	Obstetricians and Gynecologists	20	20	0	13.3%	10	N/A	First professional degree
29-1066	Psychiatrists	20	20	0	12.5%	10	N/A	First professional degree
29-1067	Surgeons	20	20	0	15.0%	10	N/A	First professional degree
29-1069	Physicians and Surgeons, All Other	90	90	10	7.0%	20	\$79.64	First professional degree
29-1071	Physician Assistants	60	70	10	22.8%	20	\$44.12	Master's degree
29-1111	Registered Nurses	1,380	1,550	170	12.4%	410	\$27.77	Associate degree
29-1122	Occupational Therapists	30	30	0	10.7%	10	\$45.33	Master's degree
29-1123	Physical Therapists	100	130	20	21.4%	30	\$40.92	Master's degree
29-1125	Recreational Therapists	20	20	0	4.8%	10	N/A	Bachelor's degree
29-1126	Respiratory Therapists	40	40	10	12.8%	10	\$23.00	Associate degree
29-1127	Speech-Language Pathologists	100	100	10	8.4%	30	\$27.56	Master's degree
29-1131	Veterinarians	40	50	10	26.3%	20	\$33.18	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	110	120	10	6.4%	30	\$24.42	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	110	110	10	6.7%	30	\$19.87	Associate degree
29-2021	Dental Hygienists	60	70	10	25.0%	30	\$30.91	Associate degree
29-2031	Cardiovascular Technologists and Technicians	50	50	10	12.8%	10	\$17.99	Associate degree
29-2032	Diagnostic Medical Sonographers	30	30	0	10.7%	10	\$28.94	Associate degree
29-2034	Radiologic Technologists and Technicians	150	170	20	13.8%	40	N/A	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	200	210	0	2.0%	50	\$11.07	Postsecondary vocational training
29-2051	Dietetic Technicians	50	60	10	9.3%	20	\$10.71	Postsecondary vocational training
29-2052	Pharmacy Technicians	370	480	110	30.7%	200	\$12.88	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	20	20	0	-8.7%	10	\$19.58	Postsecondary vocational training
29-2055	Surgical Technologists	70	80	10	13.5%	30	\$14.20	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	30	40	10	28.6%	20	\$11.65	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,380	1,530	160	11.5%	590	\$16.01	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	180	200	20	10.7%	60	\$15.40	Associate degree
29-2081	Opticians, Dispensing	110	120	10	7.4%	30	\$13.35	Long-term on-the-job training
29-9011	Occupational Health and Safety Specialists	40	50	0	4.7%	20	\$30.03	Bachelor's degree
31-1012	Nursing Aides, Orderlies, and Attendants	1,000	1,090	100	9.9%	200	\$9.82	Postsecondary vocational training
31-2021	Physical Therapist Assistants	60	70	10	21.4%	20	\$26.66	Associate degree
31-2022	Physical Therapist Aides	90	110	20	23.6%	30	\$8.95	Short-term on-the-job training
31-9091	Dental Assistants	240	280	40	17.6%	90	\$13.88	Moderate-term on-the-job training
31-9092	Medical Assistants	300	360	60	19.5%	90	\$10.82	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	40	40	0	-2.4%	10	\$13.67	Postsecondary vocational training
31-9095	Pharmacy Aides	30	30	0	-6.3%	0	\$8.84	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	70	80	10	16.4%	20	\$8.26	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	160	170	10	6.2%	30	N/A	Short-term on-the-job training
33-1012	First-Line Supervisors/Managers of Police and Detectives	110	130	20	16.8%	70	\$24.47	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	90	10	18.1%	50	\$25.51	Work experience in a related occupation
33-2011	Fire Fighters	300	380	80	26.3%	170	\$16.52	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	890	1,200	310	35.2%	510	\$12.28	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	60	70	10	13.3%	20	\$22.11	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	650	750	100	15.4%	270	\$16.89	Long-term on-the-job training
33-9011	Animal Control Workers	20	20	0	21.1%	10	\$12.85	Moderate-term on-the-job training
33-9032	Security Guards	370	400	30	8.7%	110	\$14.18	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	40	40	0	-2.7%	30	N/A	Short-term on-the-job training
35-1011	Chefs and Head Cooks	90	80	-10	-10.9%	10	\$14.24	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	770	760	-20	-1.9%	70	\$13.03	Work experience in a related occupation
35-2011	Cooks, Fast Food	730	700	-30	-3.8%	190	\$8.31	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	700	710	10	1.7%	190	\$10.01	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	550	520	-20	-4.4%	140	\$9.61	Long-term on-the-job training
35-2021	Food Preparation Workers	320	330	20	4.8%	130	\$8.66	Short-term on-the-job training

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		2008	2018	Numeric	Percent			
35-3011	Bartenders	140	140	0	0.0%	50	\$9.51	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,270	2,340	70	3.2%	550	\$8.98	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	370	370	0	0.5%	270	\$8.08	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,380	1,300	-80	-5.8%	760	\$8.72	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	110	100	0	-3.7%	20	\$8.66	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	380	360	-20	-6.3%	170	\$10.44	Short-term on-the-job training
35-9021	Dishwashers	300	300	0	1.3%	130	\$8.49	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	200	190	-10	-5.5%	140	\$8.26	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	230	10	4.1%	30	\$15.62	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers	110	120	20	16.0%	30	\$16.82	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,040	2,150	110	5.1%	490	\$10.39	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	540	480	-60	-11.1%	100	\$8.43	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	750	850	100	12.8%	190	\$10.52	Short-term on-the-job training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	70	70	10	9.0%	20	\$15.01	Work experience in a related occupation
39-3091	Amusement and Recreation Attendants	80	80	0	-1.3%	40	\$9.70	Short-term on-the-job training
39-4021	Funeral Attendants	80	100	10	14.3%	50	\$9.21	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	270	290	20	5.9%	60	\$11.37	Postsecondary vocational training
39-9011	Child Care Workers	820	850	30	4.0%	270	\$8.85	Short-term on-the-job training
39-9021	Personal and Home Care Aides	460	620	160	35.5%	220	\$9.86	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	100	110	10	7.0%	30	\$10.87	Postsecondary vocational training
39-9032	Recreation Workers	110	120	10	11.3%	30	\$11.56	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,500	1,590	90	5.7%	410	\$15.15	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	150	150	0	-0.7%	30	\$20.96	Work experience in a related occupation
41-2011	Cashiers	2,960	3,090	130	4.4%	1,460	\$9.07	Short-term on-the-job training
41-2022	Parts Salespersons	200	200	0	1.5%	70	\$11.01	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,060	3,360	300	9.8%	1,150	\$10.35	Short-term on-the-job training
41-3021	Insurance Sales Agents	300	340	30	10.5%	100	\$18.67	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	90	100	10	6.7%	30	\$26.35	Bachelor's degree
41-3099	Sales Representatives, Services, All Other	60	60	0	5.3%	20	\$19.56	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Equipment	200	210	10	4.6%	50	\$22.00	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Equipment	540	560	20	3.9%	150	\$20.58	Work experience in a related occupation
41-9011	Demonstrators and Product Promoters	60	60	0	6.7%	20	\$12.00	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	280	320	30	11.7%	80	\$16.26	Postsecondary vocational training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	920	1,000	80	9.2%	290	\$17.50	Work experience in a related occupation
43-3021	Billing and Posting Clerks and Machine Operators	420	450	30	6.9%	100	\$12.78	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,960	2,130	170	8.6%	400	\$12.81	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	180	160	-20	-8.8%	40	\$16.80	Moderate-term on-the-job training
43-3061	Procurement Clerks	170	180	10	4.7%	60	\$17.24	Moderate-term on-the-job training
43-3071	Tellers	860	890	40	4.3%	390	\$9.69	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	90	110	20	17.0%	40	\$14.37	Short-term on-the-job training
43-4051	Customer Service Representatives	820	940	110	13.8%	370	\$12.29	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	30	30	0	3.6%	10	\$17.29	Moderate-term on-the-job training
43-4071	File Clerks	90	70	-20	-26.1%	20	\$11.61	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	150	160	0	0.6%	50	\$8.37	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	110	120	10	5.3%	30	\$11.58	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	70	10	10.9%	30	\$9.70	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	200	200	0	0.0%	50	\$12.80	Short-term on-the-job training
43-4141	New Accounts Clerks	100	100	0	-2.1%	30	\$13.42	Work experience in a related occupation
43-4151	Order Clerks	60	40	-10	-20.0%	20	\$11.85	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	260	240	-20	-8.8%	70	\$16.01	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	600	670	70	12.2%	230	\$10.32	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	280	240	-40	-15.1%	80	\$17.86	Short-term on-the-job training
43-5021	Couriers and Messengers	40	40	0	0.0%	10	\$11.55	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	120	160	30	28.1%	60	\$11.37	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	200	200	0	0.5%	40	\$12.75	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	40	40	-10	-12.2%	10	\$12.29	Short-term on-the-job training
43-5051	Postal Service Clerks	50	40	-10	-22.2%	10	\$25.13	Short-term on-the-job training

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		2008	2018	Numeric	Percent			
43-5052	Postal Service Mail Carriers	350	330	-20	-4.6%	110	\$23.53	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	80	50	-30	-32.9%	10	\$18.38	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	160	160	0	0.6%	40	\$20.98	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	440	420	-20	-4.3%	110	\$14.86	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	950	1,050	90	9.9%	310	\$10.20	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	650	700	60	9.0%	150	\$16.47	Work experience in a related occupation
43-6012	Legal Secretaries	60	60	10	12.3%	20	\$19.70	Associate degree
43-6013	Medical Secretaries	240	280	40	15.4%	70	\$12.16	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,750	1,790	40	2.3%	280	\$12.40	Moderate-term on-the-job training
43-9011	Computer Operators	30	20	-10	-25.8%	0	\$12.41	Moderate-term on-the-job training
43-9021	Data Entry Keyers	50	50	0	-6.3%	10	\$10.92	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	-4.8%	0	\$13.55	Short-term on-the-job training
43-9061	Office Clerks, General	1,890	2,060	170	9.0%	430	\$12.01	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	20	10	0	-18.8%	10	N/A	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	50	40	-10	-17.8%	10	N/A	Short-term on-the-job training
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worker	40	50	0	6.8%	10	\$15.12	Work experience in a related occupation
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	450	450	0	-0.2%	120	\$9.84	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	180	180	0	-0.5%	50	\$9.43	Short-term on-the-job training
45-3011	Fishers and Related Fishing Workers	20	20	0	-15.0%	10	N/A	Moderate-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Wc	720	820	100	13.6%	240	\$25.81	Work experience in a related occupation
47-2031	Carpenters	460	520	60	13.8%	120	\$14.62	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	250	290	40	16.7%	100	\$13.42	Moderate-term on-the-job training
47-2061	Construction Laborers	690	840	150	21.7%	200	\$11.12	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	70	10	11.3%	20	\$14.48	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	470	540	70	14.3%	150	\$16.08	Moderate-term on-the-job training
47-2111	Electricians	450	530	80	17.0%	190	\$21.22	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	150	170	10	7.1%	40	\$15.25	Moderate-term on-the-job training
47-2151	Pipelayers	20	30	0	18.2%	10	\$13.45	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	440	520	80	19.1%	170	\$18.34	Long-term on-the-job training
47-2181	Roofers	500	520	30	5.6%	110	N/A	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	310	350	30	9.9%	110	\$14.85	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble S	30	30	10	21.4%	10	\$10.63	Short-term on-the-job training
47-3012	Helpers--Carpenters	60	70	20	27.3%	30	\$9.16	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	100	130	30	28.3%	50	\$12.40	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	80	90	10	14.6%	30	\$8.93	Short-term on-the-job training
47-4011	Construction and Building Inspectors	50	50	10	13.0%	20	\$22.36	Work experience in a related occupation
47-4051	Highway Maintenance Workers	260	310	50	18.1%	120	\$13.70	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	710	760	50	6.9%	170	\$20.13	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	280	310	30	9.2%	80	\$17.64	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	380	430	40	11.2%	110	\$15.12	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	290	300	10	3.4%	90	\$24.12	Work experience in a related occupation
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	70	60	-10	-12.9%	10	\$18.36	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	50	10	15.0%	10	\$25.81	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0.0%	10	\$13.59	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	40	40	0	-10.0%	10	\$20.47	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	920	930	10	1.2%	190	\$13.88	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	220	230	10	5.0%	60	\$14.84	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	90	110	20	17.2%	30	\$17.00	Long-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	80	70	-10	-7.6%	10	\$19.65	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	260	360	100	37.3%	140	\$17.49	Postsecondary vocational training
49-9041	Industrial Machinery Mechanics	430	500	60	14.8%	130	\$23.69	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	700	790	90	13.2%	200	N/A	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	110	110	0	2.7%	20	\$20.93	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	150	150	0	0.0%	50	\$25.35	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	70	70	0	1.4%	30	\$11.67	Short-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	400	410	10	3.0%	70	\$24.92	Work experience in a related occupation
51-2092	Team Assemblers	630	680	50	8.1%	190	\$13.74	Moderate-term on-the-job training

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51-3011	Bakers	50	50	0	6.5%	20	\$10.07	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	90	100	10	7.4%	40	\$12.69	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	50	60	10	15.7%	20	\$9.66	Short-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	80	80	-10	-6.1%	20	\$12.90	Moderate-term on-the-job training
51-4041	Machinists	200	200	10	3.0%	30	\$15.99	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	620	650	30	5.5%	220	\$16.51	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	20	20	0	5.0%	10	\$14.94	Postsecondary vocational training
51-5023	Printing Machine Operators	20	20	0	4.3%	10	N/A	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	190	180	-20	-9.3%	30	\$9.14	Moderate-term on-the-job training
51-6031	Sewing Machine Operators	80	60	-20	-26.2%	10	\$8.51	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	30	40	10	20.6%	20	\$13.54	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	30	30	0	6.9%	10	\$10.86	Moderate-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	200	260	60	30.3%	100	\$13.76	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	120	130	10	4.2%	30	\$19.11	Long-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	340	340	0	0.3%	60	\$21.08	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	20	30	0	13.6%	10	\$17.42	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	13.2%	30	\$15.23	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	80	90	10	11.7%	50	\$19.19	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	220	220	10	2.8%	40	\$10.42	Short-term on-the-job training
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	140	140	0	0.0%	30	\$21.77	Work experience in a related occupation
53-3021	Bus Drivers, Transit and Intercity	200	220	20	10.2%	50	\$11.45	Moderate-term on-the-job training
53-3022	Bus Drivers, School	300	290	-10	-3.7%	50	\$9.29	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	270	280	10	3.3%	60	\$10.74	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,550	1,760	210	13.3%	480	\$17.45	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	460	470	10	2.8%	100	\$14.63	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	150	160	0	2.0%	30	\$8.77	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	310	350	30	10.2%	120	\$12.97	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	260	280	20	6.6%	90	\$16.27	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	140	140	0	-2.1%	50	\$9.28	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,050	1,050	0	-0.1%	340	\$10.44	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	210	230	20	9.5%	60	\$8.94	Short-term on-the-job training
53-7073	Wellhead Pumpers	110	100	-10	-8.3%	30	N/A	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	90	110	10	15.1%	40	\$11.49	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	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
<b>00-0000</b>	<b>Total all occupations</b>	<b>84,960</b>	<b>\$17.00</b>	<b>\$35,360</b>	<b>\$8.68</b>	<b>\$18,058</b>	<b>\$21.16</b>	<b>\$44,012</b>	<b>\$9.38</b>	<b>\$19,506</b>	<b>\$13.76</b>	<b>\$28,618</b>	<b>\$20.98</b>	<b>\$43,629</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>3,730</b>	<b>\$35.58</b>	<b>\$74,010</b>	<b>\$18.20</b>	<b>\$37,856</b>	<b>\$44.27</b>	<b>\$92,087</b>	<b>\$22.43</b>	<b>\$46,653</b>	<b>\$32.00</b>	<b>\$66,552</b>	<b>\$43.49</b>	<b>\$90,463</b>
11-1011	Chief Executives	270	\$55.02	\$114,434	\$28.11	\$58,477	\$68.47	\$142,412	\$32.98	\$68,594	\$47.49	\$98,784	\$69.05	\$143,618
11-1021	General and Operations Managers	1,360	\$37.67	\$78,350	\$19.96	\$41,519	\$46.52	\$96,765	\$23.13	\$48,114	\$33.21	\$69,086	\$47.04	\$97,852
11-1031	Legislators	80		\$22,823		\$17,211		\$25,629		\$16,937		\$18,386		\$26,017
11-2021	Marketing Managers	40	\$31.69	\$65,918	\$18.95	\$39,415	\$38.06	\$79,170	\$21.04	\$43,757	\$28.77	\$59,849	\$41.80	\$86,936
11-2022	Sales Managers	70	\$34.97	\$72,731	\$23.00	\$47,830	\$40.95	\$85,182	\$25.79	\$53,640	\$32.86	\$68,339	\$41.07	\$85,419
11-2031	Public Relations Managers	10	\$28.49	\$59,260	\$18.48	\$38,435	\$33.50	\$69,672	\$19.61	\$40,790	\$23.03	\$47,893	\$28.52	\$59,317
11-3011	Administrative Services Managers	140	\$33.22	\$69,104	\$19.79	\$41,162	\$39.94	\$83,075	\$24.15	\$50,233	\$30.21	\$62,844	\$37.16	\$77,301
11-3021	Computer and Information Systems Managers	70	\$42.46	\$88,320	\$29.16	\$60,656	\$49.11	\$102,153	\$34.08	\$70,876	\$41.32	\$85,940	\$49.04	\$101,995
11-3031	Financial Managers	240	\$37.17	\$77,306	\$21.57	\$44,860	\$44.97	\$93,529	\$25.21	\$52,441	\$34.55	\$71,865	\$44.26	\$92,053
11-3051	Industrial Production Managers	90	\$42.83	\$89,085	\$22.69	\$47,192	\$52.90	\$110,031	\$26.07	\$54,219	\$33.55	\$69,787	\$45.22	\$94,050
11-3061	Purchasing Managers	20	\$34.59	\$71,946	\$22.83	\$47,486	\$40.47	\$84,176	\$28.89	\$60,094	\$34.23	\$71,204	\$41.90	\$87,150
11-3071	Transportation, Storage, and Distribution Managers	40	\$29.80	\$61,989	\$22.45	\$46,698	\$33.48	\$69,634	\$24.17	\$50,281	\$28.45	\$59,173	\$34.96	\$72,726
11-3111	Compensation and Benefits Managers	30	\$31.13	\$64,747	\$21.14	\$43,964	\$36.12	\$75,139	\$22.84	\$47,504	\$27.01	\$56,179	\$40.88	\$85,032
11-3121	Human Resources Managers	60	\$31.33	\$65,168	\$20.29	\$42,197	\$36.85	\$76,653	\$23.19	\$48,227	\$31.20	\$64,899	\$35.84	\$74,540
11-3131	Training and Development Managers	20	\$30.06	\$62,521	\$18.55	\$38,585	\$35.81	\$74,489	\$21.30	\$44,300	\$27.44	\$57,082	\$36.27	\$75,437
11-9021	Construction Managers	90	\$26.68	\$55,490	\$16.59	\$34,510	\$31.72	\$65,980	\$20.55	\$42,741	\$26.55	\$55,233	\$33.76	\$70,211
11-9031	Education Administrators, Preschool and Child Care Ce	40	\$22.94	\$47,715	\$12.19	\$25,362	\$28.31	\$58,891	\$12.94	\$26,905	\$15.31	\$31,841	\$29.36	\$61,064
11-9032	Education Administrators, Elementary and Secondary E	230		\$68,131		\$55,323		\$74,535		\$59,794		\$67,692		\$74,971
11-9033	Education Administrators, Postsecondary	20	\$38.23	\$79,515	\$31.38	\$65,273	\$41.65	\$86,635	\$32.07	\$66,709	\$35.69	\$74,245	\$44.86	\$93,308
11-9041	Engineering Managers	50	\$50.97	\$106,023	\$37.02	\$77,008	\$57.95	\$120,530	\$38.87	\$80,847	\$44.09	\$91,699	\$58.77	\$122,235
11-9051	Food Service Managers	110	\$21.51	\$44,743	\$12.79	\$26,595	\$25.87	\$53,817	\$15.22	\$31,657	\$18.32	\$38,106	\$31.29	\$65,089
11-9081	Lodging Managers	30	\$17.91	\$37,252	\$13.17	\$27,384	\$20.28	\$42,187	\$13.49	\$28,052	\$16.06	\$33,398	\$20.61	\$42,860
11-9111	Medical and Health Services Managers	200	\$38.12	\$79,284	\$23.75	\$49,391	\$45.30	\$94,230	\$29.97	\$62,343	\$36.82	\$76,579	\$44.08	\$91,697
11-9121	Natural Sciences Managers	20	\$38.40	\$79,874	\$22.74	\$47,305	\$46.23	\$96,159	\$22.86	\$47,556	\$42.80	\$89,033	\$48.52	\$100,913
11-9131	Postmasters and Mail Superintendents	50	\$27.43	\$57,062	\$18.66	\$38,819	\$31.82	\$66,183	\$24.91	\$51,805	\$27.32	\$56,825	\$30.32	\$63,065
11-9141	Property, Real Estate, and Community Association Mar	140	\$14.40	\$29,954	\$8.47	\$17,627	\$17.36	\$36,118	\$8.53	\$17,744	\$9.58	\$19,918	\$14.88	\$30,952
11-9151	Social and Community Service Managers	70	\$23.97	\$49,868	\$16.75	\$34,849	\$27.58	\$57,377	\$18.24	\$37,938	\$24.82	\$51,619	\$28.41	\$59,092
11-9161	Emergency Management Directors	20	\$18.36	\$38,186	\$11.81	\$24,568	\$21.63	\$44,995	\$12.96	\$26,954	\$16.64	\$34,611	\$23.22	\$48,296
11-9199	Managers, All Other	70	\$46.18	\$96,050	\$21.94	\$45,632	\$58.30	\$121,259	\$26.79	\$55,732	\$47.21	\$98,189	\$56.19	\$116,870
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>3,620</b>	<b>\$25.30</b>	<b>\$52,631</b>	<b>\$14.63</b>	<b>\$30,438</b>	<b>\$30.64</b>	<b>\$63,728</b>	<b>\$17.17</b>	<b>\$35,707</b>	<b>\$23.10</b>	<b>\$48,057</b>	<b>\$31.83</b>	<b>\$66,207</b>
13-1021	Purchasing Agents and Buyers, Farm Products	20	\$23.99	\$49,900	\$14.77	\$30,724	\$28.60	\$59,488	\$16.24	\$33,777	\$19.39	\$40,336	\$28.34	\$58,943
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farr	140	\$23.63	\$49,144	\$15.10	\$31,408	\$27.89	\$58,011	\$16.98	\$35,327	\$22.29	\$46,371	\$29.94	\$62,269
13-1031	Claims Adjusters, Examiners, and Investigators	340	\$20.60	\$42,850	\$10.55	\$21,951	\$25.62	\$53,299	\$12.54	\$26,092	\$19.16	\$39,844	\$28.12	\$58,483
13-1041	Compliance Officers, Except Agriculture, Construction,	160	\$22.01	\$45,777	\$13.60	\$28,293	\$26.21	\$54,519	\$15.21	\$31,627	\$19.84	\$41,269	\$26.85	\$55,851
13-1051	Cost Estimators	70	\$23.37	\$48,602	\$16.27	\$33,836	\$26.92	\$55,985	\$17.11	\$35,597	\$21.26	\$44,226	\$28.37	\$59,008
13-1078	Human resources, labor relations, and training specialis	200	\$28.62	\$59,535	\$17.38	\$36,153	\$34.24	\$71,226	\$20.90	\$43,465	\$27.33	\$56,847	\$35.29	\$73,402
13-1081	Logisticians	80	\$27.80	\$57,832	\$18.30	\$38,055	\$32.56	\$67,721	\$19.92	\$41,439	\$25.86	\$53,779	\$33.32	\$69,311
13-1111	Management Analysts	190	\$29.84	\$62,068	\$22.13	\$46,024	\$33.70	\$70,091	\$23.58	\$49,044	\$28.52	\$59,316	\$35.25	\$73,313
13-1121	Meeting and Convention Planners	10	\$21.28	\$44,257	\$15.80	\$32,869	\$24.01	\$49,951	\$15.65	\$32,548	\$16.98	\$35,323	\$18.32	\$38,098

# 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
13-1141	Compensation, Benefits, and Job Analysis Specialists	50	\$24.41	\$50,776	\$15.37	\$31,968	\$28.93	\$60,180	\$16.90	\$35,147	\$24.83	\$51,652	\$29.04	\$60,408
13-1151	Training and Development Specialists	160	\$21.61	\$44,948	\$10.80	\$22,471	\$27.01	\$56,186	\$12.62	\$26,242	\$20.57	\$42,784	\$29.56	\$61,482
13-1161	Market Research Analysts	70	\$23.04	\$47,930	\$13.89	\$28,897	\$27.62	\$57,446	\$15.90	\$33,071	\$19.85	\$41,294	\$24.03	\$49,975
13-1199	Business Operations Specialists, All Other	560	\$29.30	\$60,951	\$18.41	\$38,289	\$34.75	\$72,282	\$22.81	\$47,455	\$29.43	\$61,217	\$36.38	\$75,671
13-2011	Accountants and Auditors	730	\$26.06	\$54,213	\$16.98	\$35,325	\$30.60	\$63,657	\$19.27	\$40,089	\$22.96	\$47,761	\$31.32	\$65,149
13-2021	Appraisers and Assessors of Real Estate	40	\$17.86	\$37,158	\$11.69	\$24,317	\$20.95	\$43,578	\$12.55	\$26,104	\$14.83	\$30,841	\$17.78	\$36,978
13-2031	Budget Analysts	80	\$31.64	\$65,801	\$26.14	\$54,378	\$34.38	\$71,513	\$28.51	\$59,307	\$30.36	\$63,139	\$35.53	\$73,893
13-2041	Credit Analysts		\$22.58	\$46,966	\$16.91	\$35,171	\$25.42	\$52,864	\$17.10	\$35,569	\$18.98	\$39,470	\$22.98	\$47,792
13-2051	Financial Analysts	40												
13-2071	Loan Counselors	40	\$17.83	\$37,094	\$12.30	\$25,588	\$20.60	\$42,847	\$12.55	\$26,099	\$13.93	\$28,964	\$22.55	\$46,904
13-2072	Loan Officers	410	\$21.79	\$45,317	\$14.25	\$29,644	\$25.55	\$53,153	\$15.81	\$32,886	\$20.16	\$41,926	\$23.89	\$49,682
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	\$19.37	\$40,295	\$11.62	\$24,180	\$23.25	\$48,353	\$12.69	\$26,389	\$15.48	\$32,201	\$22.37	\$46,525
13-2082	Tax Preparers	40	\$13.63	\$28,358	\$9.01	\$18,739	\$15.95	\$33,167	\$9.55	\$19,871	\$14.87	\$30,921	\$17.00	\$35,359
13-2099	Financial Specialists, All Other	40	\$27.43	\$57,057	\$17.45	\$36,300	\$32.42	\$67,436	\$18.89	\$39,283	\$25.77	\$53,612	\$33.99	\$70,708
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>1,120</b>	<b>\$29.18</b>	<b>\$60,702</b>	<b>\$16.73</b>	<b>\$34,803</b>	<b>\$35.41</b>	<b>\$73,651</b>	<b>\$19.76</b>	<b>\$41,102</b>	<b>\$27.11</b>	<b>\$56,380</b>	<b>\$36.92</b>	<b>\$76,796</b>
15-1121	Computer Systems Analysts	120	\$30.27	\$62,961	\$19.98	\$41,567	\$35.41	\$73,658	\$22.09	\$45,949	\$27.61	\$57,434	\$38.09	\$79,222
15-1131	Computer Programmers		\$34.79	\$72,365	\$20.43	\$42,488	\$41.97	\$87,304	\$21.60	\$44,924	\$29.79	\$61,962	\$45.27	\$94,167
15-1132	Computer Software Engineers, Applications	60	\$32.44	\$67,482	\$21.03	\$43,751	\$38.15	\$79,347	\$23.40	\$48,668	\$31.04	\$64,570	\$39.52	\$82,194
15-1133	Computer Software Engineers, Systems Software	40	\$38.16	\$79,366	\$20.64	\$42,933	\$46.91	\$97,582	\$22.24	\$46,253	\$36.62	\$76,174	\$49.09	\$102,115
15-1141	Database Administrators	30	\$24.86	\$51,716	\$18.47	\$38,428	\$28.06	\$58,360	\$19.99	\$41,589	\$23.08	\$48,012	\$28.29	\$58,836
15-1142	Network and Computer Systems Administrators	150	\$24.52	\$50,997	\$15.32	\$31,870	\$29.12	\$60,561	\$17.46	\$36,311	\$24.00	\$49,918	\$30.80	\$64,069
15-1150	Computer Support Specialists	270	\$20.88	\$43,435	\$12.30	\$25,580	\$25.17	\$52,362	\$13.94	\$28,997	\$18.62	\$38,722	\$27.33	\$56,855
15-1179	Information Security Analysts, Web Developers, and Cc	60	\$25.92	\$53,922	\$14.49	\$30,148	\$31.64	\$65,809	\$16.04	\$33,371	\$24.10	\$50,121	\$34.70	\$72,176
15-1799	Computer Occupations, All Other*	150	\$35.10	\$73,013	\$27.02	\$56,210	\$39.14	\$81,414	\$28.58	\$59,446	\$33.09	\$68,821	\$40.09	\$83,392
15-2031	Operations Research Analysts	30	\$41.23	\$85,751	\$30.29	\$62,994	\$46.70	\$97,129	\$36.38	\$75,672	\$41.97	\$87,291	\$49.83	\$103,641
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>770</b>	<b>\$33.56</b>	<b>\$69,810</b>	<b>\$19.75</b>	<b>\$41,084</b>	<b>\$40.47</b>	<b>\$84,173</b>	<b>\$22.91</b>	<b>\$47,661</b>	<b>\$31.06</b>	<b>\$64,601</b>	<b>\$42.27</b>	<b>\$87,924</b>
17-1011	Architects, Except Landscape and Naval	10	\$35.40	\$73,634	\$24.14	\$50,216	\$41.03	\$85,343	\$29.19	\$60,708	\$39.69	\$82,556	\$43.00	\$89,448
17-1022	Surveyors	30	\$26.02	\$54,125	\$12.24	\$25,457	\$32.91	\$68,460	\$14.21	\$29,550	\$25.02	\$52,042	\$35.72	\$74,293
17-2051	Civil Engineers	50	\$37.74	\$78,494	\$24.19	\$50,311	\$44.51	\$92,586	\$27.07	\$56,307	\$40.79	\$84,848	\$46.70	\$97,128
17-2071	Electrical Engineers	40	\$38.53	\$80,134	\$24.21	\$50,357	\$45.68	\$95,022	\$26.11	\$54,319	\$38.12	\$79,294	\$51.35	\$106,803
17-2072	Electronics Engineers, Except Computer	30	\$34.83	\$72,446	\$22.95	\$47,730	\$40.77	\$84,804	\$25.68	\$53,413	\$38.20	\$79,452	\$43.16	\$89,767
17-2081	Environmental Engineers	10	\$29.31	\$60,974	\$20.78	\$43,217	\$33.58	\$69,852	\$23.83	\$49,559	\$26.37	\$54,850	\$37.53	\$78,070
17-2111	Health and Safety Engineers, Except Mining Safety Eng	20	\$30.93	\$64,337	\$20.92	\$43,518	\$35.94	\$74,746	\$25.37	\$52,760	\$31.76	\$66,060	\$38.67	\$80,438
17-2112	Industrial Engineers	80	\$35.22	\$73,267	\$23.06	\$47,970	\$41.31	\$85,915	\$24.58	\$51,132	\$30.09	\$62,596	\$43.09	\$89,618
17-2141	Mechanical Engineers		\$34.34	\$71,418	\$23.95	\$49,820	\$39.53	\$82,217	\$25.72	\$53,499	\$36.45	\$75,809	\$42.16	\$87,687
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers		\$54.42	\$113,204	\$34.80	\$72,394	\$64.23	\$133,608	\$45.37	\$94,362	\$51.18	\$106,464	\$57.01	\$118,588
17-2171	Petroleum Engineers	80	\$40.73	\$84,720	\$29.75	\$61,872	\$46.22	\$96,144	\$33.18	\$69,019	\$40.31	\$83,847	\$48.24	\$100,334
17-2199	Engineers, All Other	20	\$41.33	\$85,968	\$28.12	\$58,482	\$47.94	\$99,711	\$37.19	\$77,353	\$43.27	\$90,010	\$48.52	\$100,915
17-3011	Architectural and Civil Drafters	20	\$21.83	\$45,412	\$12.68	\$26,382	\$26.41	\$54,927	\$12.94	\$26,916	\$14.55	\$30,264	\$21.88	\$45,519
17-3013	Mechanical Drafters	50	\$22.42	\$46,632	\$17.26	\$35,900	\$25.00	\$51,997	\$19.29	\$40,128	\$21.74	\$45,210	\$25.61	\$53,269
17-3022	Civil Engineering Technicians	20	\$25.35	\$52,728	\$12.97	\$26,979	\$31.54	\$65,603	\$14.14	\$29,405	\$26.21	\$54,521	\$34.77	\$72,312

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									Percentile Hourly Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
17-3023	Electrical and Electronic Engineering Technicians	60	\$27.90	\$58,037	\$19.99	\$41,572	\$31.86	\$66,270	\$21.35	\$44,417	\$24.34	\$50,623	\$35.29	\$73,396
17-3029	Engineering Technicians, Except Drafters, All Other	30	\$27.42	\$57,037	\$22.42	\$46,625	\$29.92	\$62,243	\$24.24	\$50,424	\$27.37	\$56,932	\$29.66	\$61,683
17-3031	Surveying and Mapping Technicians	20	\$20.28	\$42,175	\$12.61	\$26,219	\$24.11	\$50,152	\$14.12	\$29,376	\$19.01	\$39,550	\$26.27	\$54,642
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>410</b>	<b>\$25.02</b>	<b>\$52,033</b>	<b>\$12.04</b>	<b>\$25,037</b>	<b>\$31.51</b>	<b>\$65,532</b>	<b>\$15.09</b>	<b>\$31,377</b>	<b>\$22.14</b>	<b>\$46,049</b>	<b>\$29.25</b>	<b>\$60,845</b>
19-1029	Biological Scientists, All Other	10	\$34.17	\$71,068	\$26.67	\$55,481	\$37.91	\$78,861	\$27.61	\$57,418	\$35.03	\$72,862	\$39.70	\$82,566
19-1031	Conservation Scientists	20	\$30.41	\$63,262	\$20.90	\$43,480	\$35.17	\$73,152	\$26.61	\$55,354	\$31.28	\$65,059	\$36.38	\$75,676
19-2041	Environmental Scientists and Specialists, Including Hea	30	\$27.96	\$58,155	\$20.23	\$42,077	\$31.82	\$66,194	\$22.87	\$47,579	\$27.38	\$56,941	\$33.11	\$68,870
19-3031	Clinical, Counseling, and School Psychologists	40	\$30.05	\$62,495	\$18.42	\$38,308	\$35.86	\$74,589	\$21.56	\$44,843	\$24.91	\$51,803	\$27.76	\$57,743
19-4031	Chemical Technicians	40	\$14.31	\$29,765	\$9.19	\$19,114	\$16.87	\$35,090	\$9.75	\$20,276	\$11.55	\$24,028	\$19.31	\$40,158
19-4041	Geological and Petroleum Technicians	20	\$29.00	\$60,326	\$16.24	\$33,772	\$35.39	\$73,603	\$16.53	\$34,384	\$18.50	\$38,471	\$29.77	\$61,915
19-4091	Environmental Science and Protection Technicians, Inc	30	\$18.08	\$37,605	\$13.57	\$28,230	\$20.33	\$42,293	\$14.59	\$30,354	\$17.93	\$37,297	\$21.45	\$44,616
19-4093	Forest and Conservation Technicians	20	\$20.42	\$42,471	\$15.54	\$32,323	\$22.86	\$47,545	\$17.57	\$36,540	\$21.13	\$43,954	\$23.00	\$47,845
19-4099	Life, Physical, and Social Science Technicians, All Othe	30	\$19.73	\$41,040	\$13.85	\$28,806	\$22.67	\$47,157	\$16.18	\$33,645	\$19.28	\$40,096	\$22.09	\$45,952
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>1,070</b>	<b>\$19.10</b>	<b>\$39,732</b>	<b>\$10.80</b>	<b>\$22,469</b>	<b>\$23.25</b>	<b>\$48,364</b>	<b>\$13.14</b>	<b>\$27,335</b>	<b>\$17.84</b>	<b>\$37,107</b>	<b>\$24.11</b>	<b>\$50,151</b>
21-1011	Substance Abuse and Behavioral Disorder Counselors	20	\$21.49	\$44,697	\$13.19	\$27,443	\$25.64	\$53,323	\$13.91	\$28,930	\$24.37	\$50,685	\$26.67	\$55,474
21-1012	Educational, Vocational, and School Counselors	210	\$22.22	\$46,209	\$15.89	\$33,042	\$25.38	\$52,793	\$19.28	\$40,106	\$22.58	\$46,962	\$26.58	\$55,285
21-1013	Marriage and Family Therapists		\$14.61	\$30,390	\$12.93	\$26,888	\$15.45	\$32,140	\$12.51	\$26,011	\$13.51	\$28,102	\$14.87	\$30,929
21-1014	Mental Health Counselors	110	\$29.31	\$60,961	\$19.66	\$40,897	\$34.13	\$70,993	\$22.12	\$46,019	\$31.55	\$65,622	\$35.02	\$72,840
21-1015	Rehabilitation Counselors	80	\$11.28	\$23,458	\$8.02	\$16,678	\$12.91	\$26,848	\$8.34	\$17,343	\$9.38	\$19,507	\$14.29	\$29,717
21-1021	Child, Family, and School Social Workers	190	\$16.24	\$33,773	\$12.20	\$25,373	\$18.26	\$37,973	\$13.33	\$27,717	\$15.82	\$32,912	\$18.12	\$37,698
21-1022	Medical and Public Health Social Workers	70	\$22.98	\$47,805	\$15.52	\$32,291	\$26.71	\$55,562	\$17.94	\$37,308	\$21.61	\$44,943	\$29.53	\$61,419
21-1023	Mental Health and Substance Abuse Social Workers	20	\$18.28	\$38,021	\$15.52	\$32,274	\$19.66	\$40,895	\$15.98	\$33,247	\$18.04	\$37,520	\$20.77	\$43,208
21-1029	Social Workers, All Other	50	\$26.86	\$55,879	\$15.95	\$33,185	\$32.32	\$67,225	\$19.19	\$39,920	\$29.17	\$60,669	\$33.09	\$68,825
21-1091	Health Educators	20	\$22.50	\$46,807	\$12.65	\$26,309	\$27.43	\$57,056	\$13.81	\$28,724	\$20.27	\$42,160	\$31.38	\$65,278
21-1092	Probation Officers and Correctional Treatment Specialists		\$12.23	\$25,443	\$8.46	\$17,599	\$14.12	\$29,365	\$8.42	\$17,523	\$9.40	\$19,550	\$15.40	\$32,042
21-1093	Social and Human Service Assistants	150	\$14.58	\$30,318	\$8.37	\$17,405	\$17.68	\$36,774	\$9.03	\$18,782	\$13.75	\$28,599	\$19.00	\$39,523
21-1798	Community and Social Service Specialists, All Other*	30	\$13.95	\$29,008	\$7.97	\$16,582	\$16.93	\$35,222	\$8.30	\$17,269	\$9.35	\$19,447	\$17.97	\$37,387
21-2011	Clergy	40	\$17.40	\$36,191	\$16.75	\$34,837	\$17.73	\$36,868	\$15.99	\$33,260	\$17.03	\$35,427	\$18.07	\$37,595
<b>23-0000</b>	<b>Legal Occupations</b>	<b>270</b>	<b>\$29.93</b>	<b>\$62,245</b>	<b>\$13.90</b>	<b>\$28,917</b>	<b>\$37.94</b>	<b>\$78,910</b>	<b>\$15.59</b>	<b>\$32,433</b>	<b>\$24.61</b>	<b>\$51,197</b>	<b>\$35.29</b>	<b>\$73,394</b>
23-1011	Lawyers	150	\$37.76	\$78,531	\$20.94	\$43,548	\$46.16	\$96,022	\$24.99	\$51,970	\$30.97	\$64,422	\$40.01	\$83,215
23-1023	Judges, Magistrate Judges, and Magistrates	10												
23-2011	Paralegals and Legal Assistants	80	\$17.94	\$37,324	\$12.13	\$25,230	\$20.85	\$43,372	\$12.75	\$26,515	\$15.06	\$31,323	\$21.75	\$45,248
23-2093	Title Examiners, Abstractors, and Searchers	10	\$14.88	\$30,958	\$10.51	\$21,865	\$17.07	\$35,504	\$10.47	\$21,770	\$11.50	\$23,919	\$16.09	\$33,475
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>7,200</b>	<b>\$17.77</b>	<b>\$36,955</b>	<b>\$9.44</b>	<b>\$19,631</b>	<b>\$21.93</b>	<b>\$45,618</b>	<b>\$10.57</b>	<b>\$21,979</b>	<b>\$17.78</b>	<b>\$36,984</b>	<b>\$22.16</b>	<b>\$46,091</b>
25-1071	Health Specialties Teachers, Postsecondary			\$84,810		\$43,833		\$105,299		\$46,899		\$59,465		\$84,550
25-1072	Nursing Instructors and Teachers, Postsecondary			\$50,339		\$36,771		\$57,123		\$41,202		\$49,302		\$60,035
25-1194	Vocational Education Teachers, Postsecondary	250	\$21.32	\$44,347	\$13.79	\$28,690	\$25.08	\$52,175	\$16.56	\$34,443	\$21.63	\$44,983	\$25.87	\$53,813
25-2011	Preschool Teachers, Except Special Education	420	\$14.21	\$29,560	\$9.12	\$18,978	\$16.75	\$34,850	\$9.87	\$20,527	\$14.93	\$31,052	\$18.28	\$38,029
25-2012	Kindergarten Teachers, Except Special Education	180		\$38,978		\$34,107		\$41,413		\$34,121		\$37,660		\$43,433
25-2021	Elementary School Teachers, Except Special Educator	1,230		\$40,752		\$33,570		\$44,342		\$35,003		\$39,874		\$46,037
25-2022	Middle School Teachers, Except Special and Vocationa	610		\$40,894		\$33,468		\$44,607		\$35,378		\$40,682		\$46,117

# 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
25-2031	Secondary School Teachers, Except Special and Vocat	1,080		\$41,805		\$31,428		\$46,994		\$35,655		\$42,218		\$47,836
25-2032	Vocational Education Teachers, Secondary School	90		\$48,844		\$37,901		\$54,315		\$41,167		\$47,498		\$56,618
25-2041	Special Education Teachers, Preschool, Kindergarten, i	170		\$43,782		\$35,595		\$47,876		\$37,880		\$43,470		\$49,220
25-2053	Special Education Teachers, Middle School	100		\$42,192		\$34,063		\$46,257		\$37,290		\$42,561		\$47,098
25-2054	Special Education Teachers, Secondary School	120		\$43,865		\$36,838		\$47,378		\$39,231		\$43,766		\$48,391
25-3011	Adult Literacy, Remedial Education, and GED Teachers	30	\$18.98	\$39,478	\$15.63	\$32,520	\$20.65	\$42,956	\$16.29	\$33,889	\$17.90	\$37,222	\$20.97	\$43,612
25-3021	Self-Enrichment Education Teachers	50	\$21.67	\$45,083	\$15.03	\$31,271	\$24.99	\$51,989	\$17.58	\$36,566	\$23.23	\$48,318	\$26.41	\$54,934
25-3999	All Other Teachers, Primary, Secondary, and Adult	1,060		\$29,084		\$16,873		\$35,189		\$17,653		\$20,779		\$30,582
25-4021	Librarians	130	\$21.04	\$43,772	\$14.98	\$31,162	\$24.08	\$50,078	\$17.58	\$36,563	\$21.10	\$43,880	\$25.24	\$52,495
25-4031	Library Technicians	100	\$9.85	\$20,492	\$8.31	\$17,292	\$10.62	\$22,093	\$8.14	\$16,936	\$8.86	\$18,438	\$9.94	\$20,669
25-9031	Instructional Coordinators	70	\$28.31	\$58,884	\$20.57	\$42,784	\$32.18	\$66,934	\$23.29	\$48,446	\$27.61	\$57,425	\$31.58	\$65,695
25-9041	Teacher Assistants	990		\$18,268		\$17,240		\$18,782		\$16,701		\$17,972		\$19,244
25-9099	Education, Training, and Library Workers, All Other	150	\$17.14	\$35,645	\$13.60	\$28,288	\$18.91	\$39,324	\$14.55	\$30,265	\$16.13	\$33,544	\$19.07	\$39,659
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occ</b>	<b>560</b>	<b>\$16.10</b>	<b>\$33,484</b>	<b>\$8.38</b>	<b>\$17,436</b>	<b>\$19.96</b>	<b>\$41,508</b>	<b>\$9.08</b>	<b>\$18,896</b>	<b>\$13.08</b>	<b>\$27,201</b>	<b>\$22.71</b>	<b>\$47,229</b>
27-1023	Floral Designers		\$9.13	\$18,995	\$8.40	\$17,482	\$9.50	\$19,752	\$8.22	\$17,096	\$8.99	\$18,704	\$10.08	\$20,968
27-1024	Graphic Designers	50	\$14.23	\$29,608	\$8.19	\$17,026	\$17.26	\$35,899	\$8.55	\$17,780	\$10.50	\$21,840	\$17.19	\$35,747
27-1026	Merchandise Displayers and Window Trimmers	10	\$13.59	\$28,263	\$10.90	\$22,669	\$14.93	\$31,060	\$11.46	\$23,834	\$13.05	\$27,135	\$14.54	\$30,252
27-2022	Coaches and Scouts	90		\$24,722		\$16,636		\$28,765		\$17,147		\$19,056		\$28,864
27-2041	Music Directors and Composers	50	\$20.71	\$43,077	\$15.79	\$32,833	\$23.17	\$48,199	\$17.63	\$36,674	\$20.88	\$43,424	\$23.99	\$49,892
27-3012	Public Address System and Other Announcers		\$10.19	\$21,204	\$9.76	\$20,308	\$10.41	\$21,652	\$9.72	\$20,211	\$10.35	\$21,524	\$10.98	\$22,838
27-3031	Public Relations Specialists	80	\$23.08	\$48,017	\$14.67	\$30,514	\$27.29	\$56,768	\$18.17	\$37,792	\$24.02	\$49,956	\$28.31	\$58,893
27-3042	Technical Writers	20	\$28.75	\$59,795	\$20.57	\$42,778	\$32.84	\$68,303	\$27.60	\$57,415	\$30.36	\$63,140	\$35.28	\$73,383
27-3043	Writers and Authors	30	\$20.53	\$42,710	\$12.73	\$26,473	\$24.44	\$50,828	\$14.70	\$30,578	\$20.77	\$43,206	\$24.56	\$51,088
27-4011	Audio and Video Equipment Technicians	10	\$18.57	\$38,618	\$10.57	\$21,978	\$22.57	\$46,937	\$11.47	\$23,863	\$16.98	\$35,327	\$22.02	\$45,808
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupation:</b>	<b>5,630</b>	<b>\$26.77</b>	<b>\$55,692</b>	<b>\$12.76</b>	<b>\$26,549</b>	<b>\$33.78</b>	<b>\$70,264</b>	<b>\$15.10</b>	<b>\$31,410</b>	<b>\$21.81</b>	<b>\$45,361</b>	<b>\$30.14</b>	<b>\$62,693</b>
29-1011	Chiropractors		\$27.15	\$56,476	\$23.98	\$49,888	\$28.74	\$59,770	\$24.09	\$50,116	\$25.78	\$53,622	\$27.47	\$57,128
29-1021	Dentists, General	50	\$80.96	\$168,397	\$47.93	\$99,692	\$97.48	\$202,749	\$60.79	\$126,447	\$68.59	\$142,668		
29-1031	Dietitians and Nutritionists	30	\$22.82	\$47,475	\$13.72	\$28,537	\$27.38	\$56,944	\$14.35	\$29,852	\$21.50	\$44,720	\$28.11	\$58,466
29-1041	Optometrists		\$36.23	\$75,355	\$24.04	\$50,008	\$42.32	\$88,028	\$25.20	\$52,406	\$27.32	\$56,816	\$29.44	\$61,226
29-1051	Pharmacists	200	\$48.83	\$101,567	\$39.72	\$82,625	\$53.38	\$111,038	\$45.63	\$94,916	\$50.79	\$105,653	\$55.32	\$115,073
29-1062	Family and General Practitioners	170	\$61.34	\$127,585	\$28.33	\$58,929	\$77.84	\$161,912	\$47.68	\$99,174	\$56.29	\$117,088	\$74.20	\$154,342
29-1069	Physicians and Surgeons, All Other		\$83.92	\$174,564	\$56.80	\$118,150	\$97.49	\$202,771	\$67.50	\$140,408	\$83.58	\$173,852		
29-1071	Physician Assistants	60	\$42.95	\$89,339	\$29.92	\$62,229	\$49.47	\$102,894	\$37.60	\$78,204	\$43.13	\$89,702	\$51.82	\$107,784
29-1111	Registered Nurses	1,550	\$27.82	\$57,869	\$21.65	\$45,042	\$30.91	\$64,283	\$23.74	\$49,386	\$27.12	\$56,419	\$31.12	\$64,723
29-1122	Occupational Therapists		\$43.84	\$91,189	\$30.54	\$63,528	\$50.49	\$105,020	\$37.28	\$77,538	\$48.33	\$100,537	\$53.23	\$110,727
29-1123	Physical Therapists	120	\$39.43	\$82,006	\$21.67	\$45,065	\$48.31	\$100,476	\$23.09	\$48,031	\$35.12	\$73,043	\$49.81	\$103,606
29-1126	Respiratory Therapists	70	\$23.07	\$47,983	\$18.83	\$39,162	\$25.19	\$52,394	\$20.24	\$42,096	\$23.38	\$48,634	\$26.39	\$54,901
29-1127	Speech-Language Pathologists	80	\$28.80	\$59,896	\$17.99	\$37,414	\$34.20	\$71,137	\$20.59	\$42,831	\$26.24	\$54,582	\$34.57	\$71,904
29-1131	Veterinarians	30	\$31.98	\$66,515	\$26.08	\$54,239	\$34.93	\$72,653	\$25.82	\$53,707	\$28.37	\$59,006	\$38.73	\$80,563
29-2011	Medical and Clinical Laboratory Technologists	130	\$23.65	\$49,193	\$16.98	\$35,311	\$26.99	\$56,134	\$19.17	\$39,865	\$23.70	\$49,289	\$27.74	\$57,705
29-2012	Medical and Clinical Laboratory Technicians	60	\$19.45	\$40,449	\$12.18	\$25,328	\$23.08	\$48,009	\$13.99	\$29,096	\$18.64	\$38,779	\$23.43	\$48,736

# 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
29-2021	Dental Hygienists	100	\$32.93	\$68,502	\$21.00	\$43,690	\$38.90	\$80,907	\$24.24	\$50,421	\$32.40	\$67,390	\$42.03	\$87,431
29-2032	Diagnostic Medical Sonographers	20	\$30.54	\$63,530	\$23.66	\$49,213	\$33.99	\$70,689	\$25.52	\$53,072	\$28.64	\$59,573	\$37.89	\$78,810
29-2033	Nuclear Medicine Technologists	10	\$27.50	\$57,207	\$17.98	\$37,401	\$32.26	\$67,110	\$20.98	\$43,634	\$26.14	\$54,364	\$35.45	\$73,735
29-2037	Radiologic Technologists and Technicians*	150	\$22.05	\$45,859	\$15.84	\$32,955	\$25.15	\$52,311	\$18.66	\$38,816	\$22.32	\$46,432	\$26.50	\$55,126
29-2041	Emergency Medical Technicians and Paramedics	280	\$11.80	\$24,534	\$8.18	\$17,021	\$13.60	\$28,291	\$8.55	\$17,788	\$10.07	\$20,937	\$15.35	\$31,924
29-2051	Dietetic Technicians	80	\$9.66	\$20,095	\$8.02	\$16,687	\$10.48	\$21,800	\$8.12	\$16,894	\$8.90	\$18,509	\$10.67	\$22,195
29-2052	Pharmacy Technicians	350	\$13.55	\$28,194	\$9.96	\$20,713	\$15.35	\$31,935	\$10.83	\$22,525	\$13.23	\$27,520	\$16.12	\$33,528
29-2054	Respiratory Therapy Technicians	30	\$18.68	\$38,855	\$16.64	\$34,609	\$19.70	\$40,977	\$16.52	\$34,363	\$18.19	\$37,834	\$20.84	\$43,337
29-2055	Surgical Technologists	90	\$14.30	\$29,736	\$11.90	\$24,744	\$15.50	\$32,233	\$12.28	\$25,552	\$13.80	\$28,696	\$16.06	\$33,412
29-2056	Veterinary Technologists and Technicians	40	\$11.40	\$23,718	\$10.59	\$22,036	\$11.81	\$24,559	\$10.35	\$21,526	\$11.19	\$23,279	\$12.35	\$25,682
29-2061	Licensed Practical and Licensed Vocational Nurses	1,160	\$16.34	\$33,997	\$12.91	\$26,858	\$18.06	\$37,566	\$14.09	\$29,306	\$16.14	\$33,575	\$18.12	\$37,681
29-2071	Medical Records and Health Information Technicians	210	\$14.04	\$29,197	\$9.32	\$19,386	\$16.39	\$34,102	\$9.83	\$20,453	\$11.29	\$23,484	\$18.07	\$37,585
29-2081	Opticians, Dispensing	100	\$13.44	\$27,964	\$11.20	\$23,290	\$14.57	\$30,301	\$12.36	\$25,700	\$13.67	\$28,434	\$14.98	\$31,156
29-9011	Occupational Health and Safety Specialists	40	\$29.03	\$60,380	\$19.47	\$40,487	\$33.81	\$70,326	\$23.57	\$49,036	\$28.52	\$59,316	\$35.29	\$73,399
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,540</b>	<b>\$11.24</b>	<b>\$23,376</b>	<b>\$8.08</b>	<b>\$16,813</b>	<b>\$12.82</b>	<b>\$26,658</b>	<b>\$8.63</b>	<b>\$17,953</b>	<b>\$10.16</b>	<b>\$21,138</b>	<b>\$12.75</b>	<b>\$26,529</b>
31-1011	Home Health Aides	500	\$9.52	\$19,792	\$8.11	\$16,874	\$10.22	\$21,251	\$8.16	\$16,976	\$9.00	\$18,720	\$10.61	\$22,060
31-1012	Nursing Aides, Orderlies, and Attendants	720	\$10.13	\$21,079	\$8.11	\$16,875	\$11.14	\$23,181	\$8.79	\$18,284	\$9.99	\$20,786	\$11.13	\$23,143
31-2011	Occupational Therapist Assistants	30	\$22.58	\$46,976	\$17.08	\$35,535	\$25.33	\$52,697	\$18.11	\$37,672	\$21.09	\$43,862	\$25.29	\$52,602
31-2021	Physical Therapist Assistants	60	\$24.47	\$50,888	\$15.59	\$32,436	\$28.90	\$60,114	\$17.57	\$36,545	\$21.67	\$45,076	\$27.68	\$57,579
31-2022	Physical Therapist Aides	70	\$8.67	\$18,039	\$8.25	\$17,156	\$8.88	\$18,481	\$7.98	\$16,597	\$8.59	\$17,868	\$9.20	\$19,140
31-9091	Dental Assistants	270	\$13.80	\$28,706	\$9.84	\$20,460	\$15.78	\$32,830	\$11.00	\$22,872	\$13.46	\$27,991	\$16.56	\$34,440
31-9092	Medical Assistants	490	\$10.12	\$21,040	\$7.99	\$16,615	\$11.18	\$23,253	\$8.42	\$17,522	\$9.67	\$20,121	\$11.30	\$23,514
31-9094	Medical Transcriptionists	70	\$14.13	\$29,384	\$12.14	\$25,249	\$15.12	\$31,452	\$12.41	\$25,809	\$13.88	\$28,864	\$15.83	\$32,926
31-9096	Veterinary Assistants and Laboratory Animal Caretaker	90	\$8.34	\$17,357	\$8.01	\$16,660	\$8.51	\$17,705	\$7.92	\$16,464	\$8.50	\$17,687	\$9.09	\$18,910
31-9799	Healthcare Support Workers, All Other*	190	\$14.13	\$29,399	\$9.71	\$20,197	\$16.35	\$34,000	\$11.02	\$22,930	\$13.80	\$28,708	\$17.56	\$36,530
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,560</b>	<b>\$15.78</b>	<b>\$32,827</b>	<b>\$10.53</b>	<b>\$21,900</b>	<b>\$18.41</b>	<b>\$38,291</b>	<b>\$11.76</b>	<b>\$24,455</b>	<b>\$14.88</b>	<b>\$30,949</b>	<b>\$18.13</b>	<b>\$37,706</b>
33-1011	First-Line Supervisors/Managers of Correctional Officer	20	\$19.16	\$39,847	\$14.94	\$31,076	\$21.27	\$44,232	\$15.93	\$33,127	\$17.99	\$37,424	\$22.15	\$46,066
33-1012	First-Line Supervisors/Managers of Police and Detectiv	100	\$24.60	\$51,163	\$19.40	\$40,346	\$27.20	\$56,571	\$21.00	\$43,680	\$23.31	\$48,494	\$27.69	\$57,598
33-1021	First-Line Supervisors/Managers of Fire Fighting and Pi	70												
33-1099	First-Line Supervisors/Managers, Protective Service Wk	30	\$23.24	\$48,329	\$15.96	\$33,197	\$26.87	\$55,895	\$18.03	\$37,493	\$23.78	\$49,473	\$27.65	\$57,512
33-2011	Fire Fighters	300	\$16.67	\$34,664	\$11.31	\$23,527	\$19.34	\$40,233	\$12.76	\$26,547	\$15.97	\$33,214	\$21.13	\$43,961
33-2021	Fire Inspectors and Investigators	30	\$15.97	\$33,224	\$8.05	\$16,746	\$19.93	\$41,464	\$8.71	\$18,124	\$17.39	\$36,173	\$21.25	\$44,193
33-3012	Correctional Officers and Jailers	270	\$12.32	\$25,627	\$9.80	\$20,391	\$13.58	\$28,245	\$10.64	\$22,138	\$12.37	\$25,726	\$13.80	\$28,711
33-3021	Detectives and Criminal Investigators	40	\$23.69	\$49,281	\$14.51	\$30,181	\$28.28	\$58,830	\$16.19	\$33,671	\$20.42	\$42,472	\$30.71	\$63,885
33-3051	Police and Sheriff's Patrol Officers	630	\$16.51	\$34,340	\$11.69	\$24,323	\$18.92	\$39,349	\$12.62	\$26,256	\$15.55	\$32,344	\$18.70	\$38,901
33-9011	Animal Control Workers	20	\$12.85	\$26,720	\$9.31	\$19,359	\$14.62	\$30,401	\$10.24	\$21,297	\$12.73	\$26,469	\$14.67	\$30,510
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	\$13.19	\$27,431	\$10.35	\$21,534	\$14.61	\$30,379	\$10.62	\$22,089	\$12.12	\$25,199	\$13.97	\$29,068
33-9032	Security Guards	900	\$14.03	\$29,191	\$9.92	\$20,630	\$16.09	\$33,472	\$10.99	\$22,867	\$14.76	\$30,707	\$16.70	\$34,741
<b>35-0000</b>	<b>Food Preparation and Serving-Related Occupations</b>	<b>6,840</b>	<b>\$9.29</b>	<b>\$19,332</b>	<b>\$8.11</b>	<b>\$16,863</b>	<b>\$9.89</b>	<b>\$20,566</b>	<b>\$8.05</b>	<b>\$16,749</b>	<b>\$8.78</b>	<b>\$18,255</b>	<b>\$9.87</b>	<b>\$20,529</b>
35-1011	Chefs and Head Cooks	70	\$14.60	\$30,373	\$10.61	\$22,059	\$16.60	\$34,530	\$11.75	\$24,432	\$13.11	\$27,261	\$14.47	\$30,090
35-1012	First-Line Supervisors/Managers of Food Preparation a	470	\$13.41	\$27,895	\$9.40	\$19,560	\$15.41	\$32,062	\$10.21	\$21,237	\$12.50	\$26,002	\$15.98	\$33,235

# 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median	Median	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
35-2011	Cooks, Fast Food	270	\$8.48	\$17,628	\$8.20	\$17,062	\$8.61	\$17,911	\$7.94	\$16,508	\$8.53	\$17,737	\$9.12	\$18,966
35-2012	Cooks, Institution and Cafeteria	670	\$9.97	\$20,733	\$8.18	\$17,013	\$10.86	\$22,594	\$8.22	\$17,102	\$9.10	\$18,924	\$11.75	\$24,443
35-2014	Cooks, Restaurant	450	\$9.43	\$19,604	\$8.12	\$16,881	\$10.08	\$20,966	\$8.11	\$16,870	\$8.90	\$18,510	\$10.48	\$21,808
35-2015	Cooks, Short Order	90	\$8.78	\$18,256	\$8.04	\$16,717	\$9.15	\$19,026	\$8.02	\$16,690	\$8.71	\$18,112	\$9.47	\$19,705
35-2021	Food Preparation Workers	470	\$8.89	\$18,496	\$8.14	\$16,927	\$9.27	\$19,280	\$8.09	\$16,831	\$8.83	\$18,370	\$9.74	\$20,257
35-3011	Bartenders	110	\$8.29	\$17,235	\$8.03	\$16,701	\$8.41	\$17,502	\$7.86	\$16,358	\$8.41	\$17,495	\$8.96	\$18,631
35-3021	Combined Food Preparation and Serving Workers, Incl	1,710	\$8.84	\$18,397	\$8.14	\$16,935	\$9.20	\$19,128	\$7.98	\$16,591	\$8.62	\$17,920	\$9.25	\$19,250
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop		\$8.14	\$16,935	\$8.00	\$16,637	\$8.21	\$17,084	\$7.83	\$16,281	\$8.37	\$17,399	\$8.90	\$18,517
35-3031	Waiters and Waitresses	1,080	\$8.51	\$17,705	\$8.09	\$16,819	\$8.73	\$18,148	\$7.90	\$16,440	\$8.48	\$17,646	\$9.06	\$18,852
35-3041	Food Servers, Nonrestaurant	190	\$9.46	\$19,667	\$7.98	\$16,606	\$10.19	\$21,197	\$8.56	\$17,803	\$9.65	\$20,077	\$10.64	\$22,123
35-9011	Dining Room and Cafeteria Attendants and Bartender H	260												
35-9021	Dishwashers	230	\$8.44	\$17,545	\$8.15	\$16,950	\$8.58	\$17,843	\$7.93	\$16,488	\$8.51	\$17,707	\$9.10	\$18,927
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee	220	\$8.43	\$17,538	\$8.00	\$16,633	\$8.65	\$17,990	\$7.89	\$16,420	\$8.49	\$17,657	\$9.08	\$18,895
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance O</b>	<b>3,250</b>	<b>\$10.36</b>	<b>\$21,542</b>	<b>\$8.09</b>	<b>\$16,835</b>	<b>\$11.49</b>	<b>\$23,895</b>	<b>\$8.34</b>	<b>\$17,346</b>	<b>\$9.34</b>	<b>\$19,434</b>	<b>\$11.38</b>	<b>\$23,662</b>
37-1011	First-Line Supervisors/Managers of Housekeeping and	180	\$15.41	\$32,051	\$10.70	\$22,257	\$17.76	\$36,948	\$11.47	\$23,862	\$14.83	\$30,840	\$17.17	\$35,721
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	70	\$15.93	\$33,142	\$10.77	\$22,397	\$18.52	\$38,514	\$11.40	\$23,713	\$14.98	\$31,165	\$19.53	\$40,615
37-2011	Janitors and Cleaners, Except Maids and Housekeepin	1,580	\$10.12	\$21,057	\$8.12	\$16,893	\$11.12	\$23,140	\$8.34	\$17,353	\$9.33	\$19,405	\$11.21	\$23,309
37-2012	Maids and Housekeeping Cleaners	710	\$8.49	\$17,668	\$8.07	\$16,777	\$8.71	\$18,114	\$7.95	\$16,527	\$8.56	\$17,799	\$9.17	\$19,070
37-2021	Pest Control Workers	50	\$13.11	\$27,274	\$9.84	\$20,477	\$14.75	\$30,672	\$10.48	\$21,806	\$12.45	\$25,902	\$15.64	\$32,539
37-3011	Landscaping and Groundskeeping Workers	600	\$10.55	\$21,954	\$8.07	\$16,777	\$11.80	\$24,543	\$8.65	\$17,984	\$10.11	\$21,034	\$11.76	\$24,461
37-3019	Grounds Maintenance Workers, All Other	10	\$14.40	\$29,946	\$9.49	\$19,729	\$16.85	\$35,054	\$9.19	\$19,112	\$16.04	\$33,372	\$17.57	\$36,553
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>1,850</b>	<b>\$10.55</b>	<b>\$21,942</b>	<b>\$8.17</b>	<b>\$17,003</b>	<b>\$11.74</b>	<b>\$24,412</b>	<b>\$8.38</b>	<b>\$17,439</b>	<b>\$9.46</b>	<b>\$19,684</b>	<b>\$11.67</b>	<b>\$24,274</b>
39-1021	First-Line Supervisors/Managers of Personal Service Workers		\$15.91	\$33,097	\$13.76	\$28,613	\$16.99	\$35,339	\$14.60	\$30,363	\$15.94	\$33,159	\$17.32	\$36,036
39-2011	Animal Trainers		\$19.11	\$39,747	\$13.84	\$28,782	\$21.75	\$45,230	\$15.25	\$31,712	\$16.72	\$34,782	\$18.20	\$37,852
39-2021	Nonfarm Animal Caretakers		\$9.27	\$19,276	\$8.24	\$17,145	\$9.78	\$20,341	\$8.12	\$16,897	\$8.90	\$18,520	\$9.92	\$20,629
39-3011	Gaming Dealers	140	\$12.57	\$26,137	\$10.11	\$21,029	\$13.79	\$28,691	\$10.39	\$21,618	\$11.63	\$24,180	\$13.60	\$28,296
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20	\$8.10	\$16,841	\$8.08	\$16,811	\$8.10	\$16,855	\$7.84	\$16,311	\$8.35	\$17,376	\$8.87	\$18,441
39-3091	Amusement and Recreation Attendants	80	\$9.74	\$20,270	\$8.19	\$17,040	\$10.52	\$21,884	\$8.04	\$16,731	\$8.75	\$18,202	\$9.57	\$19,914
39-4021	Funeral Attendants	130	\$9.52	\$19,804	\$8.13	\$16,916	\$10.22	\$21,249	\$8.28	\$17,226	\$9.22	\$19,174	\$10.72	\$22,294
39-4831	Funeral service managers, directors, morticians, and ur	60	\$19.68	\$40,937	\$13.80	\$28,707	\$22.62	\$47,052	\$14.50	\$30,166	\$19.66	\$40,889	\$22.09	\$45,953
39-5012	Hairdressers, Hairstylists, and Cosmetologists	130	\$10.32	\$21,468	\$8.01	\$16,655	\$11.48	\$23,874	\$8.41	\$17,501	\$9.77	\$20,325	\$12.08	\$25,135
39-9011	Child Care Workers	350	\$9.00	\$18,713	\$8.20	\$17,057	\$9.39	\$19,542	\$7.99	\$16,627	\$8.64	\$17,974	\$9.29	\$19,323
39-9021	Personal and Home Care Aides	600	\$10.09	\$20,977	\$8.23	\$17,112	\$11.01	\$22,910	\$8.52	\$17,715	\$9.75	\$20,287	\$11.53	\$23,978
39-9031	Fitness Trainers and Aerobics Instructors	40	\$9.42	\$19,604	\$7.94	\$16,518	\$10.17	\$21,147	\$8.17	\$16,989	\$9.05	\$18,823	\$10.68	\$22,214
39-9032	Recreation Workers	100	\$11.33	\$23,568	\$8.25	\$17,152	\$12.87	\$26,775	\$8.53	\$17,736	\$9.89	\$20,566	\$13.04	\$27,123
39-9041	Residential Advisors	40	\$9.08	\$18,895	\$8.00	\$16,631	\$9.63	\$20,026	\$8.15	\$16,955	\$8.99	\$18,696	\$10.31	\$21,444
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>8,190</b>	<b>\$13.23</b>	<b>\$27,518</b>	<b>\$8.17</b>	<b>\$16,986</b>	<b>\$15.76</b>	<b>\$32,784</b>	<b>\$8.53</b>	<b>\$17,733</b>	<b>\$10.06</b>	<b>\$20,917</b>	<b>\$14.56</b>	<b>\$30,282</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Worke	1,100	\$16.18	\$33,662	\$11.11	\$23,108	\$18.72	\$38,939	\$12.05	\$25,074	\$14.81	\$30,808	\$19.01	\$39,534
41-1012	First-Line Supervisors/Managers of Non-Retail Sales W	50	\$31.18	\$64,851	\$15.73	\$32,722	\$38.90	\$80,915	\$18.18	\$37,804	\$25.96	\$53,993	\$48.98	\$101,874
41-2011	Cashiers	2,390	\$9.27	\$19,291	\$8.14	\$16,935	\$9.84	\$20,468	\$8.08	\$16,809	\$8.77	\$18,240	\$9.58	\$19,933
41-2021	Counter and Rental Clerks	150	\$9.69	\$20,159	\$8.16	\$16,974	\$10.46	\$21,752	\$8.19	\$17,037	\$8.98	\$18,681	\$11.05	\$22,974

# 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
41-2022	Parts Salespersons		\$12.57	\$26,155	\$8.96	\$18,635	\$14.38	\$29,915	\$9.56	\$19,881	\$11.36	\$23,625	\$14.25	\$29,634
41-2031	Retail Salespersons	2,900	\$11.88	\$24,708	\$8.17	\$17,002	\$13.73	\$28,560	\$8.39	\$17,445	\$9.39	\$19,539	\$12.51	\$26,020
41-3011	Advertising Sales Agents	70	\$20.36	\$42,355	\$12.85	\$26,738	\$24.12	\$50,164	\$15.06	\$31,318	\$18.43	\$38,338	\$26.34	\$54,791
41-3021	Insurance Sales Agents	170	\$15.70	\$32,665	\$9.57	\$19,909	\$18.77	\$39,043	\$10.58	\$22,014	\$13.14	\$27,332	\$20.06	\$41,724
41-3031	Securities, Commodities, and Financial Services Sales	90	\$23.33	\$48,525	\$11.63	\$24,193	\$29.18	\$60,690	\$12.92	\$26,868	\$16.58	\$34,494	\$25.80	\$53,672
41-3041	Travel Agents	20	\$16.55	\$34,428	\$11.33	\$23,575	\$19.16	\$39,854	\$11.90	\$24,749	\$15.95	\$33,178	\$18.22	\$37,892
41-3099	Sales Representatives, Services, All Other	80	\$19.79	\$41,154	\$11.03	\$22,945	\$24.16	\$50,258	\$13.00	\$27,047	\$19.60	\$40,760	\$25.43	\$52,891
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Sc		\$35.04	\$72,881	\$18.64	\$38,761	\$43.24	\$89,941	\$20.45	\$42,544	\$26.47	\$55,067	\$59.11	\$122,943
41-4012	Sales Representatives, Wholesale and Manufacturing, I	440	\$25.74	\$53,532	\$13.34	\$27,748	\$31.93	\$66,423	\$15.65	\$32,550	\$22.90	\$47,637	\$31.79	\$66,115
41-9021	Real Estate Brokers	30	\$21.02	\$43,718	\$14.18	\$29,504	\$24.44	\$50,825	\$14.95	\$31,086	\$18.34	\$38,150	\$23.39	\$48,642
41-9022	Real Estate Sales Agents	100	\$16.24	\$33,784	\$9.56	\$19,881	\$19.58	\$40,735	\$10.21	\$21,239	\$12.22	\$25,418	\$18.01	\$37,456
41-9799	Sales and Related Workers, All Other*		\$10.20	\$21,216	\$8.08	\$16,809	\$11.26	\$23,419	\$8.44	\$17,561	\$9.56	\$19,895	\$11.18	\$23,251
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>13,960</b>	<b>\$13.50</b>	<b>\$28,086</b>	<b>\$8.64</b>	<b>\$17,976</b>	<b>\$15.93</b>	<b>\$33,141</b>	<b>\$9.34</b>	<b>\$19,428</b>	<b>\$11.95</b>	<b>\$24,848</b>	<b>\$16.32</b>	<b>\$33,937</b>
43-1011	First-Line Supervisors/Managers of Office and Administr	830	\$19.13	\$39,782	\$11.98	\$24,908	\$22.70	\$47,219	\$12.95	\$26,939	\$15.98	\$33,245	\$23.01	\$47,868
43-2011	Switchboard Operators, Including Answering Service	140	\$10.77	\$22,406	\$8.25	\$17,151	\$12.04	\$25,033	\$8.82	\$18,345	\$10.20	\$21,213	\$11.84	\$24,625
43-3011	Bill and Account Collectors	190	\$16.89	\$35,132	\$10.99	\$22,868	\$19.84	\$41,264	\$12.36	\$25,709	\$17.22	\$35,816	\$21.10	\$43,882
43-3021	Billing and Posting Clerks and Machine Operators	210	\$12.42	\$25,826	\$8.82	\$18,345	\$14.21	\$29,567	\$9.65	\$20,077	\$11.36	\$23,621	\$15.07	\$31,343
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,590	\$12.67	\$26,361	\$8.66	\$18,017	\$14.68	\$30,533	\$9.34	\$19,436	\$12.11	\$25,195	\$15.22	\$31,657
43-3051	Payroll and Timekeeping Clerks	220	\$16.53	\$34,380	\$10.75	\$22,352	\$19.42	\$40,393	\$12.92	\$26,867	\$16.84	\$35,029	\$19.88	\$41,359
43-3061	Procurement Clerks	130	\$18.00	\$37,442	\$14.81	\$30,803	\$19.60	\$40,762	\$16.34	\$33,990	\$17.90	\$37,235	\$19.92	\$41,440
43-3071	Tellers	780	\$9.45	\$19,664	\$8.15	\$16,953	\$10.11	\$21,019	\$8.24	\$17,140	\$9.08	\$18,895	\$10.54	\$21,916
43-4031	Court, Municipal, and License Clerks	120	\$13.56	\$28,199	\$10.29	\$21,400	\$15.19	\$31,599	\$10.80	\$22,467	\$13.00	\$27,032	\$15.73	\$32,709
43-4041	Credit Authorizers, Checkers, and Clerks	50	\$13.30	\$27,657	\$10.42	\$21,671	\$14.74	\$30,650	\$10.69	\$22,238	\$12.24	\$25,463	\$14.27	\$29,681
43-4051	Customer Service Representatives	1,030	\$12.31	\$25,601	\$9.55	\$19,855	\$13.69	\$28,474	\$10.04	\$20,883	\$11.37	\$23,655	\$14.22	\$29,581
43-4061	Eligibility Interviewers, Government Programs	60	\$17.17	\$35,714	\$12.39	\$25,774	\$19.56	\$40,684	\$13.33	\$27,725	\$16.23	\$33,755	\$20.64	\$42,924
43-4071	File Clerks	30	\$11.97	\$24,898	\$8.17	\$17,004	\$13.87	\$28,845	\$8.78	\$18,269	\$10.76	\$22,390	\$13.71	\$28,524
43-4081	Hotel, Motel, and Resort Desk Clerks	190	\$8.36	\$17,379	\$8.03	\$16,704	\$8.52	\$17,717	\$7.87	\$16,379	\$8.42	\$17,511	\$8.96	\$18,643
43-4111	Interviewers, Except Eligibility and Loan	40	\$11.77	\$24,471	\$8.74	\$18,178	\$13.28	\$27,618	\$9.48	\$19,717	\$11.55	\$24,030	\$13.70	\$28,504
43-4121	Library Assistants, Clerical	40	\$10.00	\$20,799	\$8.26	\$17,171	\$10.87	\$22,613	\$8.26	\$17,179	\$9.10	\$18,923	\$11.12	\$23,139
43-4131	Loan Interviewers and Clerks	80	\$12.36	\$25,708	\$9.04	\$18,807	\$14.02	\$29,159	\$9.68	\$20,141	\$11.01	\$22,891	\$13.77	\$28,643
43-4141	New Accounts Clerks	70	\$14.05	\$29,227	\$10.97	\$22,809	\$15.59	\$32,436	\$11.84	\$24,623	\$13.44	\$27,946	\$15.11	\$31,438
43-4151	Order Clerks	30	\$11.76	\$24,461	\$8.13	\$16,903	\$13.58	\$28,240	\$8.56	\$17,798	\$11.07	\$23,025	\$14.12	\$29,367
43-4161	Human Resources Assistants, Except Payroll and Time	200	\$16.00	\$33,272	\$12.78	\$26,589	\$17.60	\$36,614	\$13.95	\$29,014	\$16.06	\$33,397	\$18.06	\$37,565
43-4171	Receptionists and Information Clerks	470	\$10.19	\$21,185	\$8.15	\$16,948	\$11.20	\$23,304	\$8.38	\$17,431	\$9.38	\$19,512	\$11.19	\$23,281
43-5011	Cargo and Freight Agents	20	\$12.41	\$25,802	\$10.10	\$21,013	\$13.56	\$28,197	\$10.18	\$21,166	\$11.12	\$23,137	\$13.91	\$28,931
43-5021	Couriers and Messengers	30	\$12.01	\$24,988	\$10.11	\$21,023	\$12.97	\$26,970	\$10.61	\$22,067	\$12.15	\$25,273	\$13.63	\$28,360
43-5031	Police, Fire, and Ambulance Dispatchers	200	\$11.48	\$23,869	\$8.85	\$18,413	\$12.79	\$26,598	\$9.48	\$19,721	\$11.03	\$22,939	\$13.11	\$27,272
43-5032	Dispatchers, Except Police, Fire, and Ambulance	160	\$12.85	\$26,724	\$8.67	\$18,042	\$14.94	\$31,066	\$9.35	\$19,455	\$12.76	\$26,533	\$15.02	\$31,238
43-5041	Meter Readers, Utilities	70	\$12.33	\$25,639	\$8.29	\$17,246	\$14.34	\$29,835	\$8.99	\$18,702	\$11.48	\$23,872	\$14.65	\$30,482
43-5051	Postal Service Clerks	40	\$25.02	\$52,045	\$23.25	\$48,369	\$25.91	\$53,883	\$23.43	\$48,731	\$25.52	\$53,090	\$26.41	\$54,922
43-5052	Postal Service Mail Carriers	300	\$23.52	\$48,911	\$18.96	\$39,439	\$25.79	\$53,647	\$19.46	\$40,471	\$24.95	\$51,886	\$26.69	\$55,524

# 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	Median	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
43-5053	Postal Service Mail Sorters, Processors, and Processin	50	\$19.00	\$39,518	\$9.98	\$20,763	\$23.51	\$48,896	\$10.54	\$21,928	\$23.43	\$48,729	\$26.09	\$54,262
43-5061	Production, Planning, and Expediting Clerks	190	\$20.78	\$43,214	\$14.03	\$29,182	\$24.15	\$50,231	\$16.69	\$34,712	\$21.47	\$44,651	\$25.66	\$53,374
43-5071	Shipping, Receiving, and Traffic Clerks	290	\$14.64	\$30,445	\$8.99	\$18,695	\$17.46	\$36,321	\$9.86	\$20,516	\$13.45	\$27,985	\$18.14	\$37,736
43-5081	Stock Clerks and Order Fillers	840	\$9.89	\$20,568	\$8.15	\$16,949	\$10.76	\$22,378	\$8.20	\$17,059	\$9.00	\$18,728	\$10.67	\$22,197
43-6011	Executive Secretaries and Administrative Assistants	570	\$19.01	\$39,545	\$11.58	\$24,083	\$22.73	\$47,276	\$13.16	\$27,373	\$17.58	\$36,562	\$23.21	\$48,272
43-6012	Legal Secretaries		\$21.40	\$44,509	\$15.84	\$32,957	\$24.18	\$50,285	\$16.85	\$35,055	\$23.46	\$48,793	\$26.38	\$54,881
43-6013	Medical Secretaries	290	\$12.26	\$25,501	\$9.26	\$19,265	\$13.76	\$28,620	\$10.18	\$21,178	\$12.30	\$25,584	\$14.00	\$29,120
43-6014	Secretaries, Except Legal, Medical, and Executive	2,080	\$12.95	\$26,926	\$8.56	\$17,814	\$15.14	\$31,482	\$9.24	\$19,221	\$11.93	\$24,814	\$15.57	\$32,392
43-9011	Computer Operators	40	\$11.88	\$24,713	\$9.96	\$20,713	\$12.84	\$26,712	\$10.05	\$20,909	\$11.01	\$22,909	\$13.67	\$28,442
43-9021	Data Entry Keyers	50	\$12.56	\$26,119	\$8.75	\$18,205	\$14.46	\$30,075	\$9.44	\$19,626	\$12.44	\$25,869	\$14.61	\$30,393
43-9022	Word Processors and Typists	20	\$16.13	\$33,556	\$13.51	\$28,105	\$17.44	\$36,282	\$14.31	\$29,760	\$15.70	\$32,655	\$17.90	\$37,237
43-9041	Insurance Claims and Policy Processing Clerks	10	\$16.28	\$33,868	\$11.46	\$23,841	\$18.69	\$38,882	\$13.79	\$28,675	\$16.52	\$34,362	\$19.04	\$39,603
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	30	\$13.68	\$28,453	\$9.53	\$19,822	\$15.75	\$32,769	\$10.80	\$22,470	\$13.54	\$28,155	\$15.70	\$32,650
43-9061	Office Clerks, General	1,750	\$11.76	\$24,466	\$8.24	\$17,133	\$13.53	\$28,133	\$8.97	\$18,658	\$10.91	\$22,692	\$13.77	\$28,638
43-9799	Office and Administrative Support Workers, All Other*	60	\$16.65	\$34,626	\$12.05	\$25,062	\$18.95	\$39,408	\$14.00	\$29,110	\$16.80	\$34,948	\$19.27	\$40,084
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>270</b>	<b>\$10.33</b>	<b>\$21,479</b>	<b>\$8.27</b>	<b>\$17,203</b>	<b>\$11.35</b>	<b>\$23,618</b>	<b>\$8.42</b>	<b>\$17,516</b>	<b>\$9.48</b>	<b>\$19,712</b>	<b>\$11.72</b>	<b>\$24,375</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, a	20	\$13.46	\$27,993	\$11.50	\$23,926	\$14.44	\$30,027	\$12.04	\$25,038	\$13.27	\$27,606	\$14.51	\$30,174
45-2091	Agricultural Equipment Operators		\$12.90	\$26,832	\$11.08	\$23,047	\$13.81	\$28,725	\$11.65	\$24,237	\$12.91	\$26,853	\$14.13	\$29,396
45-2093	Farmworkers, Farm and Ranch Animals	180	\$9.35	\$19,443	\$8.27	\$17,203	\$9.89	\$20,563	\$8.17	\$16,987	\$8.95	\$18,624	\$10.31	\$21,447
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>5,010</b>	<b>\$16.54</b>	<b>\$34,395</b>	<b>\$10.93</b>	<b>\$22,742</b>	<b>\$19.34</b>	<b>\$40,222</b>	<b>\$12.23</b>	<b>\$25,439</b>	<b>\$15.42</b>	<b>\$32,083</b>	<b>\$19.62</b>	<b>\$40,799</b>
47-1011	First-Line Supervisors/Managers of Construction Trade:	530	\$24.44	\$50,844	\$15.79	\$32,852	\$28.77	\$59,840	\$18.43	\$38,337	\$22.57	\$46,947	\$30.00	\$62,396
47-2031	Carpenters	480	\$14.97	\$31,146	\$11.05	\$22,993	\$16.93	\$35,223	\$11.94	\$24,837	\$14.21	\$29,547	\$17.97	\$37,388
47-2044	Tile and Marble Setters		\$13.59	\$28,276	\$11.68	\$24,284	\$14.55	\$30,271	\$12.34	\$25,659	\$13.56	\$28,195	\$15.27	\$31,768
47-2051	Cement Masons and Concrete Finishers	250	\$13.47	\$28,009	\$10.04	\$20,883	\$15.18	\$31,572	\$11.03	\$22,939	\$12.78	\$26,590	\$14.39	\$29,922
47-2061	Construction Laborers	410	\$11.08	\$23,051	\$8.67	\$18,041	\$12.29	\$25,556	\$9.34	\$19,430	\$10.49	\$21,821	\$11.72	\$24,386
47-2071	Paving, Surfacing, and Tamping Equipment Operators	90	\$14.25	\$29,635	\$12.28	\$25,553	\$15.23	\$31,676	\$12.64	\$26,295	\$14.19	\$29,506	\$16.24	\$33,788
47-2073	Operating Engineers and Other Construction Equipmen	380	\$16.04	\$33,355	\$12.82	\$26,672	\$17.64	\$36,697	\$13.34	\$27,741	\$15.34	\$31,911	\$18.10	\$37,649
47-2111	Electricians	390	\$20.45	\$42,540	\$15.21	\$31,642	\$23.07	\$47,989	\$16.70	\$34,737	\$19.79	\$41,157	\$24.48	\$50,928
47-2141	Painters, Construction and Maintenance	240	\$15.09	\$31,382	\$11.85	\$24,648	\$16.71	\$34,749	\$12.62	\$26,251	\$14.40	\$29,959	\$17.55	\$36,496
47-2151	Pipelayers		\$15.02	\$31,242	\$12.53	\$26,071	\$16.26	\$33,827	\$13.20	\$27,457	\$15.15	\$31,511	\$16.90	\$35,152
47-2152	Plumbers, Pipefitters, and Steamfitters	480	\$19.28	\$40,097	\$14.55	\$30,261	\$21.64	\$45,014	\$16.01	\$33,299	\$18.43	\$38,344	\$22.29	\$46,360
47-2181	Roofers	90	\$13.14	\$27,337	\$9.86	\$20,506	\$14.78	\$30,752	\$10.79	\$22,452	\$12.56	\$26,119	\$14.14	\$29,405
47-2211	Sheet Metal Workers	120	\$15.37	\$31,961	\$12.49	\$25,989	\$16.80	\$34,947	\$12.71	\$26,435	\$14.06	\$29,240	\$17.05	\$35,454
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marbl		\$13.85	\$28,809	\$10.36	\$21,549	\$15.60	\$32,439	\$11.67	\$24,268	\$14.15	\$29,425	\$16.73	\$34,794
47-3012	Helpers--Carpenters	40	\$10.46	\$21,749	\$8.35	\$17,375	\$11.51	\$23,936	\$8.81	\$18,316	\$9.99	\$20,769	\$11.20	\$23,304
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfi	140	\$12.89	\$26,819	\$10.71	\$22,277	\$13.99	\$29,089	\$11.98	\$24,911	\$13.13	\$27,308	\$14.28	\$29,705
47-3019	Helpers, Construction Trades, All Other		\$8.27	\$17,194	\$7.92	\$16,464	\$8.44	\$17,558	\$7.84	\$16,297	\$8.41	\$17,500	\$8.99	\$18,704
47-4011	Construction and Building Inspectors	40	\$23.20	\$48,246	\$15.84	\$32,952	\$26.87	\$55,893	\$17.30	\$35,987	\$22.14	\$46,047	\$28.01	\$58,264
47-4051	Highway Maintenance Workers	220	\$13.72	\$28,531	\$10.34	\$21,511	\$15.40	\$32,041	\$11.34	\$23,591	\$13.53	\$28,150	\$16.17	\$33,627
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	\$12.80	\$26,632	\$7.96	\$16,566	\$15.22	\$31,665	\$8.68	\$18,063	\$13.17	\$27,392	\$16.22	\$33,730
47-5012	Rotary Drill Operators, Oil and Gas	40	\$20.55	\$42,750	\$16.61	\$34,551	\$22.52	\$46,849	\$16.19	\$33,666	\$17.54	\$36,493	\$20.02	\$41,642

# 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	Median	75th	75th
									Percentile Annual Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
47-5013	Service Unit Operators, Oil, Gas, and Mining	230	\$20.29	\$42,194	\$13.91	\$28,939	\$23.47	\$48,822	\$15.43	\$32,094	\$20.50	\$42,641	\$24.40	\$50,761
47-5021	Earth Drillers, Except Oil and Gas	160	\$17.52	\$36,436	\$15.35	\$31,919	\$18.60	\$38,695	\$15.68	\$32,619	\$17.37	\$36,125	\$19.61	\$40,797
47-5071	Roustabouts, Oil and Gas	210	\$15.55	\$32,341	\$11.96	\$24,872	\$17.34	\$36,076	\$13.12	\$27,286	\$15.67	\$32,586	\$17.83	\$37,081
47-5081	Helpers--Extraction Workers	50	\$15.43	\$32,102	\$13.54	\$28,160	\$16.38	\$34,073	\$15.11	\$31,438	\$16.21	\$33,712	\$17.30	\$35,986
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>4,860</b>	<b>\$17.92</b>	<b>\$37,275</b>	<b>\$10.99</b>	<b>\$22,854</b>	<b>\$21.39</b>	<b>\$44,486</b>	<b>\$12.77</b>	<b>\$26,559</b>	<b>\$16.99</b>	<b>\$35,331</b>	<b>\$22.47</b>	<b>\$46,733</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	400	\$22.54	\$46,892	\$15.08	\$31,376	\$26.27	\$54,650	\$18.04	\$37,525	\$21.56	\$44,854	\$27.66	\$57,533
49-2022	Telecommunications Equipment Installers and Repairers	90	\$18.66	\$38,805	\$13.14	\$27,333	\$21.41	\$44,541	\$13.82	\$28,743	\$17.29	\$35,964	\$21.36	\$44,430
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Transmission	20	\$26.01	\$54,096	\$15.79	\$32,842	\$31.12	\$64,723	\$19.17	\$39,882	\$29.52	\$61,399	\$33.18	\$69,018
49-2097	Electronic Home Entertainment Equipment Installers and Repairers		\$14.26	\$29,655	\$9.98	\$20,764	\$16.39	\$34,100	\$11.99	\$24,931	\$14.00	\$29,125	\$17.68	\$36,768
49-2098	Security and Fire Alarm Systems Installers	30	\$17.16	\$35,696	\$9.21	\$19,157	\$21.14	\$43,966	\$10.37	\$21,567	\$18.50	\$38,475	\$21.97	\$45,693
49-3021	Automotive Body and Related Repairers	40	\$16.89	\$35,137	\$8.84	\$18,394	\$20.92	\$43,509	\$9.88	\$20,556	\$14.05	\$29,218	\$23.28	\$48,427
49-3023	Automotive Service Technicians and Mechanics	390	\$15.25	\$31,714	\$9.55	\$19,861	\$18.10	\$37,641	\$10.91	\$22,697	\$15.67	\$32,598	\$18.42	\$38,316
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	120	\$16.41	\$34,135	\$10.20	\$21,211	\$19.52	\$40,597	\$11.75	\$24,438	\$15.47	\$32,184	\$19.95	\$41,501
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	\$13.67	\$28,439	\$8.43	\$17,544	\$16.29	\$33,887	\$9.09	\$18,914	\$15.04	\$31,276	\$17.22	\$35,827
49-3093	Tire Repairers and Changers		\$15.53	\$32,299	\$14.08	\$29,285	\$16.25	\$33,806	\$15.10	\$31,411	\$16.15	\$33,594	\$17.20	\$35,777
49-9012	Control and Valve Installers and Repairers, Except Mechanical	80	\$20.14	\$41,885	\$13.29	\$27,648	\$23.56	\$49,003	\$14.76	\$30,697	\$17.91	\$37,252	\$25.58	\$53,202
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	190	\$18.19	\$37,839	\$14.12	\$29,370	\$20.23	\$42,074	\$15.71	\$32,681	\$18.10	\$37,643	\$21.25	\$44,210
49-9041	Industrial Machinery Mechanics	570	\$23.94	\$49,797	\$18.55	\$38,586	\$26.64	\$55,403	\$21.01	\$43,698	\$24.40	\$50,759	\$27.14	\$56,444
49-9043	Maintenance Workers, Machinery	120	\$20.00	\$41,606	\$13.67	\$28,433	\$23.17	\$48,192	\$15.86	\$32,982	\$20.29	\$42,200	\$25.03	\$52,068
49-9051	Electrical Power-Line Installers and Repairers	200	\$25.89	\$53,860	\$18.29	\$38,045	\$29.70	\$61,767	\$21.33	\$44,365	\$26.72	\$55,577	\$31.46	\$65,440
49-9052	Telecommunications Line Installers and Repairers	210	\$18.13	\$37,719	\$11.29	\$23,476	\$21.56	\$44,841	\$12.01	\$24,979	\$14.89	\$30,977	\$23.08	\$48,013
49-9071	Maintenance and Repair Workers, General	1,070	\$14.79	\$30,771	\$9.99	\$20,787	\$17.19	\$35,763	\$11.03	\$22,952	\$13.80	\$28,706	\$17.40	\$36,189
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	\$11.78	\$24,501	\$9.33	\$19,414	\$13.00	\$27,044	\$9.93	\$20,649	\$11.71	\$24,364	\$13.34	\$27,755
49-9094	Locksmiths and Safe Repairers		\$14.99	\$31,182	\$10.69	\$22,243	\$17.14	\$35,651	\$11.27	\$23,440	\$13.22	\$27,502	\$19.80	\$41,178
49-9098	Helpers--Installation, Maintenance, and Repair Workers	180	\$10.98	\$22,833	\$8.03	\$16,702	\$12.45	\$25,899	\$8.49	\$17,663	\$9.90	\$20,599	\$12.58	\$26,176
49-9799	Installation, Maintenance, and Repair Workers, All Other	60	\$18.95	\$39,413	\$12.80	\$26,621	\$22.02	\$45,809	\$17.16	\$35,686	\$20.50	\$42,646	\$22.11	\$45,987
<b>51-0000</b>	<b>Production Occupations</b>	<b>6,510</b>	<b>\$17.81</b>	<b>\$37,045</b>	<b>\$9.89</b>	<b>\$20,567</b>	<b>\$21.77</b>	<b>\$45,284</b>	<b>\$11.21</b>	<b>\$23,309</b>	<b>\$16.24</b>	<b>\$33,777</b>	<b>\$25.05</b>	<b>\$52,095</b>
51-1011	First-Line Supervisors/Managers of Production and Operations	410	\$24.78	\$51,545	\$14.98	\$31,149	\$29.68	\$61,744	\$17.05	\$35,465	\$22.03	\$45,815	\$28.88	\$60,065
51-2041	Structural Metal Fabricators and Fitters	30	\$14.35	\$29,841	\$10.81	\$22,487	\$16.11	\$33,518	\$11.42	\$23,760	\$13.46	\$27,997	\$17.29	\$35,955
51-2092	Team Assemblers	300	\$11.58	\$24,096	\$8.66	\$18,009	\$13.05	\$27,139	\$9.27	\$19,274	\$11.09	\$23,077	\$13.49	\$28,055
51-2099	Assemblers and Fabricators, All Other		\$11.74	\$24,413	\$8.12	\$16,883	\$13.55	\$28,179	\$8.61	\$17,903	\$10.06	\$20,918	\$12.49	\$25,983
51-3011	Bakers	50	\$10.62	\$22,093	\$8.10	\$16,848	\$11.88	\$24,715	\$8.23	\$17,114	\$9.10	\$18,930	\$11.21	\$23,322
51-3021	Butchers and Meat Cutters	90	\$13.00	\$27,043	\$8.31	\$17,295	\$15.34	\$31,917	\$8.64	\$17,962	\$11.97	\$24,899	\$17.08	\$35,527
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	40	\$9.75	\$20,285	\$8.26	\$17,177	\$10.50	\$21,840	\$8.38	\$17,427	\$9.43	\$19,613	\$11.02	\$22,928
51-3023	Slaughterers and Meat Packers		\$12.06	\$25,078	\$9.92	\$20,626	\$13.13	\$27,304	\$10.12	\$21,048	\$11.16	\$23,203	\$13.01	\$27,057
51-3092	Food Batchmakers		\$12.67	\$26,355	\$10.32	\$21,462	\$13.85	\$28,802	\$10.56	\$21,973	\$11.93	\$24,810	\$13.77	\$28,641
51-3093	Food Cooking Machine Operators and Tenders	20	\$10.63	\$22,109	\$8.05	\$16,751	\$11.92	\$24,787	\$8.35	\$17,365	\$9.35	\$19,444	\$13.17	\$27,383
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders	70	\$12.63	\$26,265	\$9.80	\$20,392	\$14.04	\$29,202	\$10.21	\$21,240	\$11.60	\$24,136	\$15.18	\$31,578
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool	60	\$15.47	\$32,184	\$11.56	\$24,052	\$17.43	\$36,251	\$12.68	\$26,379	\$15.26	\$31,743	\$17.87	\$37,180
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders	40	\$13.92	\$28,963	\$10.66	\$22,180	\$15.55	\$32,354	\$11.20	\$23,296	\$13.05	\$27,148	\$16.05	\$33,383
51-4035	Milling and Planing Machine Setters, Operators, and Tenders	20	\$13.50	\$28,080	\$8.38	\$17,440	\$16.06	\$33,400	\$8.37	\$17,414	\$9.35	\$19,445	\$18.30	\$38,055

## 2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
51-4041	Machinists	590	\$14.63	\$30,422	\$12.00	\$24,957	\$15.94	\$33,155	\$12.41	\$25,804	\$13.86	\$28,828	\$16.59	\$34,501
51-4121	Welders, Cutters, Solderers, and Brazers	470	\$15.04	\$31,290	\$11.29	\$23,490	\$16.92	\$35,189	\$12.48	\$25,951	\$14.98	\$31,167	\$17.24	\$35,853
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders		\$16.11	\$33,507	\$12.62	\$26,249	\$17.85	\$37,137	\$12.92	\$26,866	\$14.60	\$30,374	\$19.64	\$40,857
51-5112	Printing Press Operators	40	\$11.65	\$24,234	\$8.71	\$18,113	\$13.12	\$27,295	\$9.44	\$19,634	\$11.99	\$24,944	\$13.56	\$28,214
51-6011	Laundry and Dry-Cleaning Workers	190	\$9.13	\$18,987	\$8.05	\$16,734	\$9.67	\$20,113	\$8.06	\$16,764	\$8.81	\$18,324	\$10.02	\$20,849
51-7011	Cabinetmakers and Bench Carpenters		\$15.88	\$33,038	\$14.55	\$30,273	\$16.55	\$34,420	\$15.00	\$31,199	\$16.19	\$33,673	\$17.38	\$36,152
51-8021	Stationary Engineers and Boiler Operators	30	\$20.42	\$42,474	\$13.97	\$29,054	\$23.65	\$49,183	\$15.37	\$31,965	\$20.58	\$42,809	\$26.05	\$54,182
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	\$15.39	\$32,018	\$11.34	\$23,593	\$17.42	\$36,231	\$12.17	\$25,313	\$14.42	\$30,000	\$18.89	\$39,281
51-8092	Gas Plant Operators		\$24.10	\$50,120	\$19.59	\$40,744	\$26.35	\$54,808	\$20.83	\$43,329	\$24.02	\$49,969	\$27.53	\$57,268
51-8093	Petroleum Pump System Operators, Refinery Operators, and Blenders	60	\$21.00	\$43,673	\$15.70	\$32,657	\$23.64	\$49,181	\$16.21	\$33,710	\$18.14	\$37,739	\$26.30	\$54,700
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	120	\$21.35	\$44,416	\$12.10	\$25,159	\$25.98	\$54,044	\$14.51	\$30,181	\$24.78	\$51,541	\$27.16	\$56,497
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	380	\$20.38	\$42,386	\$12.66	\$26,334	\$24.24	\$50,412	\$15.65	\$32,551	\$22.19	\$46,145	\$26.37	\$54,841
51-9081	Dental Laboratory Technicians	10	\$16.76	\$34,855	\$9.09	\$18,916	\$20.59	\$42,825	\$9.00	\$18,719	\$16.72	\$34,770	\$23.41	\$48,686
51-9111	Packaging and Filling Machine Operators and Tenders		\$12.50	\$25,993	\$8.80	\$18,309	\$14.34	\$29,836	\$9.53	\$19,823	\$11.28	\$23,453	\$14.50	\$30,152
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	\$15.25	\$31,722	\$10.50	\$21,838	\$17.63	\$36,664	\$11.49	\$23,893	\$15.28	\$31,780	\$17.80	\$37,023
51-9198	Helpers--Production Workers	100	\$11.08	\$23,049	\$8.21	\$17,075	\$12.52	\$26,036	\$8.44	\$17,558	\$9.55	\$19,857	\$11.59	\$24,105
51-9399	Production Workers, All Other*	290	\$9.95	\$20,688	\$8.10	\$16,844	\$10.87	\$22,610	\$8.24	\$17,140	\$9.09	\$18,909	\$10.74	\$22,331
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>4,770</b>	<b>\$13.34</b>	<b>\$27,739</b>	<b>\$8.29</b>	<b>\$17,235</b>	<b>\$15.86</b>	<b>\$32,991</b>	<b>\$9.01</b>	<b>\$18,743</b>	<b>\$11.92</b>	<b>\$24,784</b>	<b>\$15.70</b>	<b>\$32,647</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	130	\$20.78	\$43,230	\$12.88	\$26,788	\$24.74	\$51,451	\$14.93	\$31,044	\$21.92	\$45,601	\$26.40	\$54,902
53-1031	First-Line Supervisors/Managers of Transportation and Material Moving Occupations	120	\$21.82	\$45,379	\$13.50	\$28,081	\$25.97	\$54,028	\$14.76	\$30,691	\$18.15	\$37,761	\$26.82	\$55,776
53-2012	Commercial Pilots			\$103,726		\$59,821		\$125,678		\$77,445		\$111,271		\$137,491
53-3021	Bus Drivers, Transit and Intercity	140	\$11.37	\$23,645	\$9.19	\$19,125	\$12.45	\$25,905	\$9.96	\$20,710	\$11.58	\$24,087	\$13.14	\$27,328
53-3022	Bus Drivers, School	420	\$9.61	\$19,988	\$8.23	\$17,122	\$10.30	\$21,421	\$8.11	\$16,864	\$8.83	\$18,368	\$9.89	\$20,562
53-3031	Driver/Sales Workers	270	\$11.32	\$23,542	\$8.05	\$16,754	\$12.95	\$26,936	\$8.22	\$17,095	\$9.07	\$18,873	\$13.70	\$28,505
53-3032	Truck Drivers, Heavy and Tractor-Trailer	950	\$15.96	\$33,197	\$11.72	\$24,373	\$18.08	\$37,609	\$12.72	\$26,465	\$15.33	\$31,884	\$18.53	\$38,533
53-3033	Truck Drivers, Light or Delivery Services	330	\$14.00	\$29,130	\$8.42	\$17,516	\$16.80	\$34,937	\$9.12	\$18,960	\$12.80	\$26,631	\$18.13	\$37,716
53-3041	Taxi Drivers and Chauffeurs	90	\$8.88	\$18,473	\$8.10	\$16,845	\$9.27	\$19,287	\$8.06	\$16,762	\$8.75	\$18,202	\$9.58	\$19,919
53-3099	Motor Vehicle Operators, All Other	10	\$15.52	\$32,285	\$12.53	\$26,059	\$17.02	\$35,398	\$15.01	\$31,225	\$15.61	\$32,477	\$16.83	\$35,011
53-6031	Service Station Attendants		\$9.46	\$19,674	\$8.17	\$16,993	\$10.10	\$21,014	\$8.25	\$17,168	\$9.12	\$18,961	\$10.46	\$21,752
53-7011	Conveyor Operators and Tenders	30	\$8.48	\$17,642	\$8.08	\$16,798	\$8.68	\$18,063	\$8.00	\$16,643	\$8.62	\$17,933	\$9.24	\$19,223
53-7032	Excavating and Loading Machine and Dragline Operators		\$13.50	\$28,087	\$11.09	\$23,064	\$14.71	\$30,598	\$11.67	\$24,271	\$13.27	\$27,602	\$14.78	\$30,740
53-7051	Industrial Truck and Tractor Operators	260	\$17.01	\$35,386	\$11.26	\$23,428	\$19.89	\$41,365	\$12.54	\$26,076	\$16.19	\$33,679	\$21.41	\$44,538
53-7061	Cleaners of Vehicles and Equipment	70	\$10.09	\$20,988	\$8.34	\$17,342	\$10.97	\$22,811	\$8.43	\$17,531	\$9.48	\$19,710	\$11.10	\$23,096
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,110	\$10.80	\$22,465	\$8.19	\$17,031	\$12.11	\$25,183	\$8.56	\$17,799	\$10.03	\$20,856	\$12.69	\$26,386
53-7064	Packers and Packagers, Hand	170	\$8.86	\$18,438	\$8.16	\$16,981	\$9.21	\$19,167	\$8.06	\$16,756	\$8.74	\$18,174	\$9.47	\$19,705
53-7081	Refuse and Recyclable Material Collectors	120	\$10.92	\$22,722	\$8.12	\$16,879	\$12.33	\$25,644	\$8.85	\$18,412	\$10.43	\$21,704	\$12.99	\$27,028