

The Northeast WIA Economic Report

March 2012

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

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About the OESC's Labor Market Information Website

About the Website:

The Oklahoma Employment Security Commission's Labor Market Information (LMI) website serves as an excellent source for economic data. The LMI website contains publications on wages, occupational projections, the Quarterly Census of Employment and Wages, as well as many other topical publications. Additionally, the LMI site contains data sets organized by WIA and interactive MAPS containing county, state, and national unemployment data. If you have any questions about the LMI site please e-mail us at lm1@oesc.state.ok.us.

The LMI site can be found at:

http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm



Resources for Economic Data

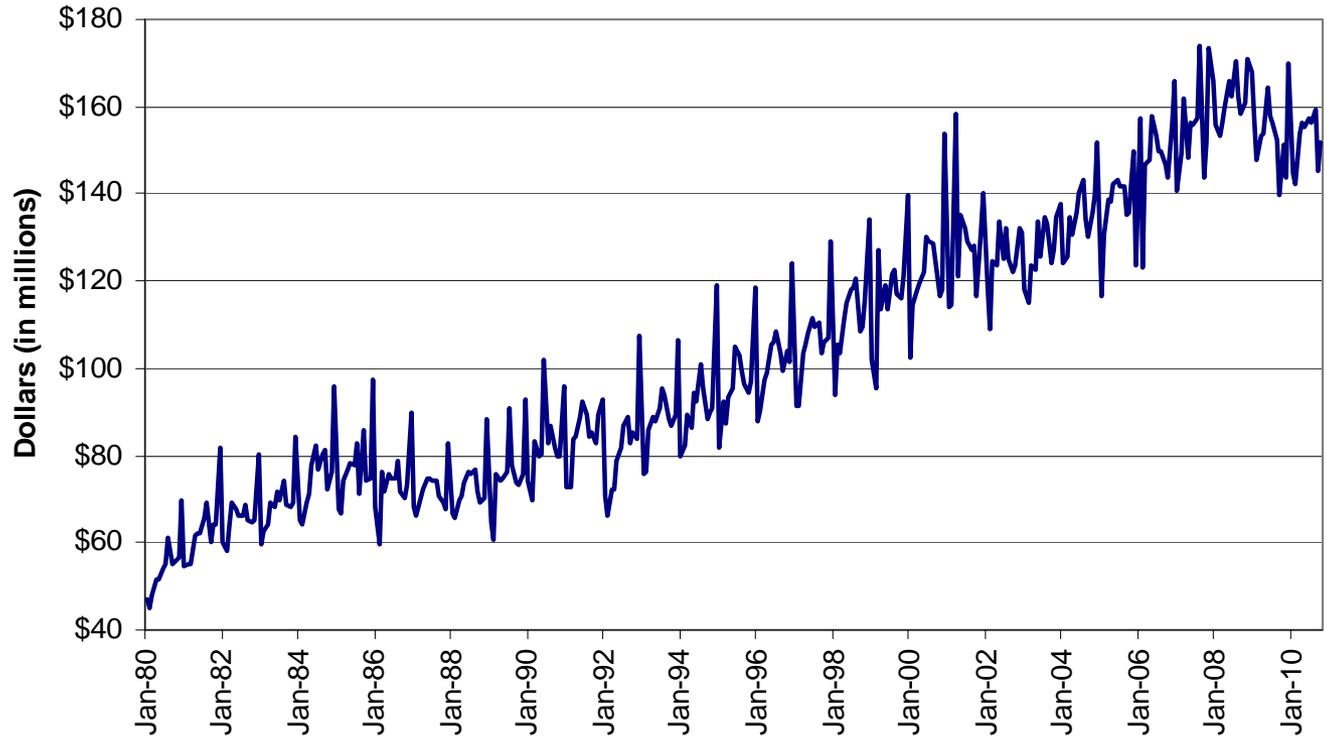
What is it?	What does it have?	Where is it located?
<p>The Oklahoma Employment Security Commission's Labor Market Information website</p>	<p>The OESC's LMI site contains: Industry and Occupational Projections; The Quarterly Census of Employment and Wages; Occupational Wages; Local Area Unemployment Statistics,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

The Northeast WIA



Sales Subject to Tax

Monthly Sales Subject to Tax - Northeast 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:

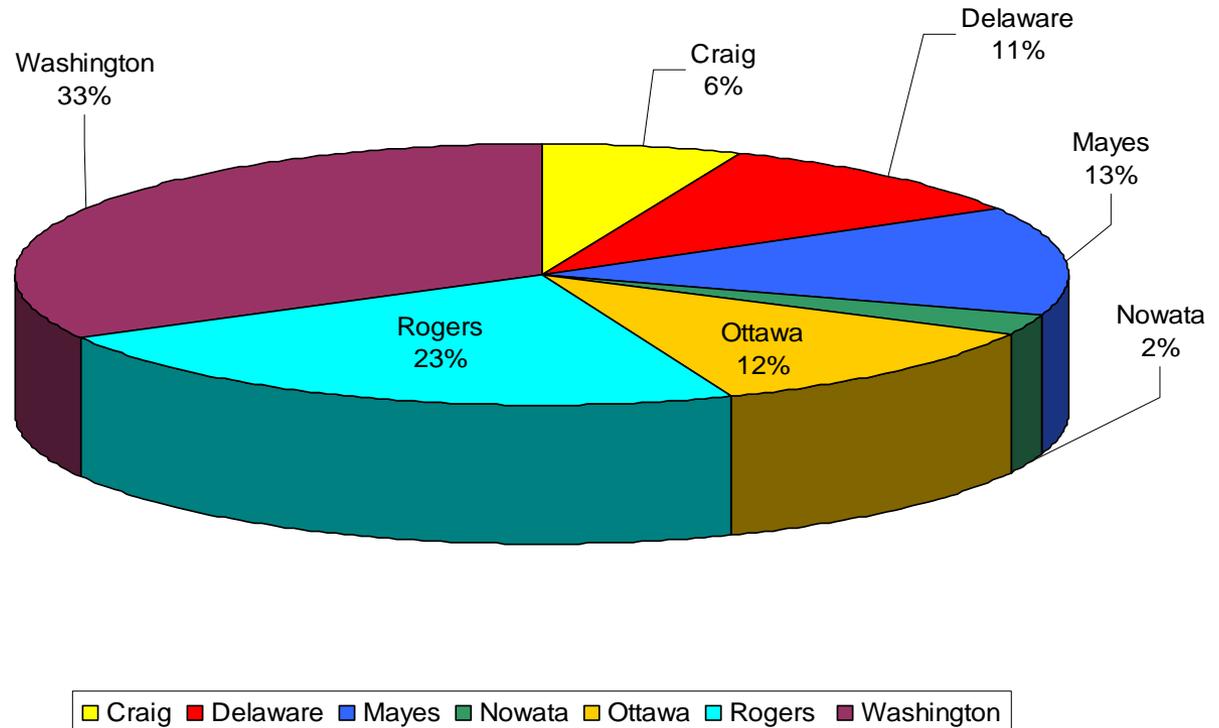
<http://origins.ou.edu>

Monthly Sales Subject to Tax:

From January 1980 to November of 2008, with the exception of a downturn between 1983 and 1985, the Northeast WIA has experienced consistent and positive growth. The average monthly sales subject to tax had increased from \$54 million in 1980 to \$162 million in 2008. Since November of 2008, monthly sales subject to tax for the Northeast WIA had declined by \$19 million up to October 2010.

Sales Subject to Tax

Sales Subject to Tax - County Contribution to the Northeast 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:

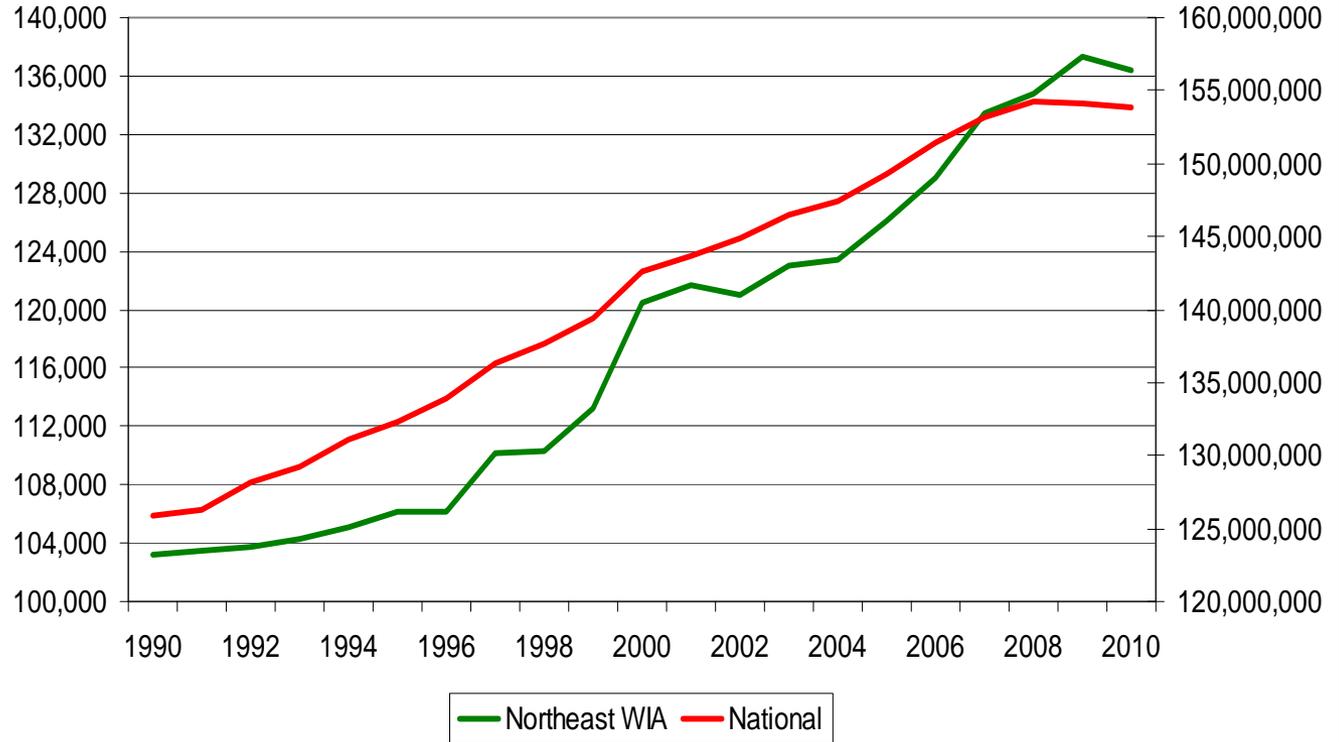
<http://origins.ou.edu>

Monthly Sales Subject to Tax:

Washington County is responsible for thirty-three percent of the total sales subject to tax for the Northeast WIA for 2010. Rogers County came in second at twenty-three percent, while Mayes County came in third at thirteen percent. The remaining counties each contributed between two and twelve percent.

Employment and Unemployment

Average Annual Workforce 1990-2010 - Northeast WIA



Workforce:

Between 1990 and 1996 the Northeast WIA experienced slow, but positive movement in its average annual workforce. In 1997 the Northeast WIA experienced a significant increase in its average annual workforce and has been growing at a consistent rate since. Between 1990 and 2010 the Northeast WIA increased its average annual workforce from 103,147 to 136,353 with an increase of 32.19%.

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>

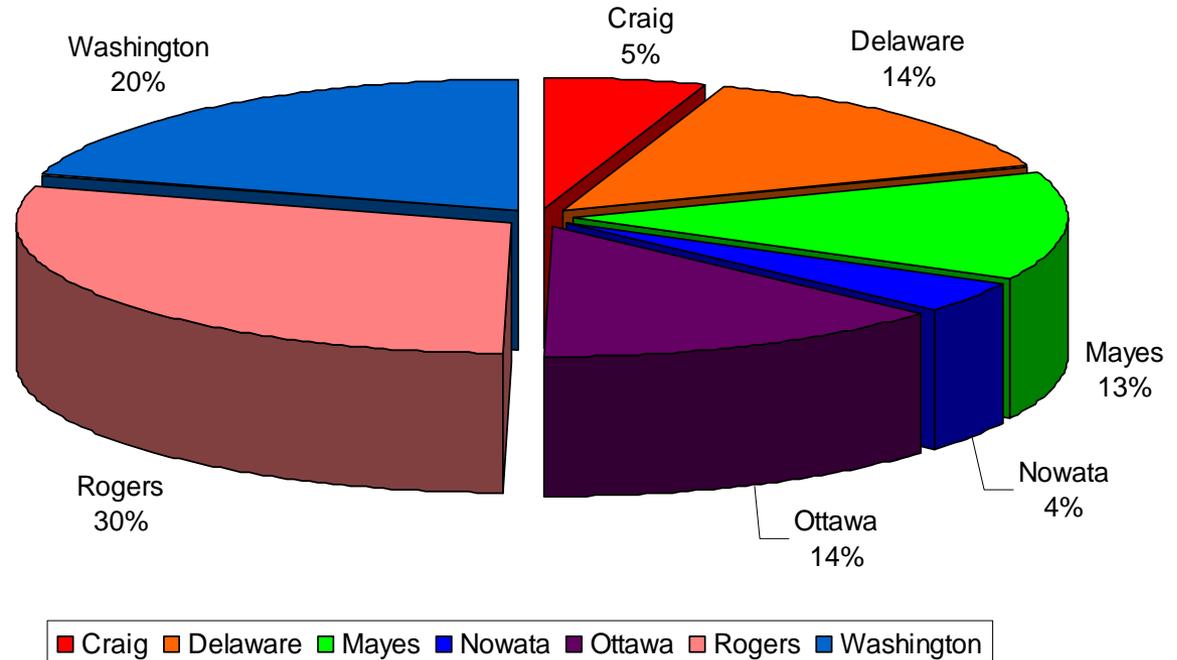
Also, visit the OESC's LMI web page for dynamic maps containing national, state, and county level data and analysis.

http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm

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Employment and Unemployment

Workforce Distribution - 2010



Workforce:

Rogers County is responsible for thirty percent of the Northeast WIA's workforce. Washington County is responsible for twenty percent. Delaware and Mayes Counties are each responsible for fourteen and thirteen percent, and Ottawa County is also responsible for fourteen percent. The remaining counties are responsible for between four and five percent of the workforce distribution.

About the Data:

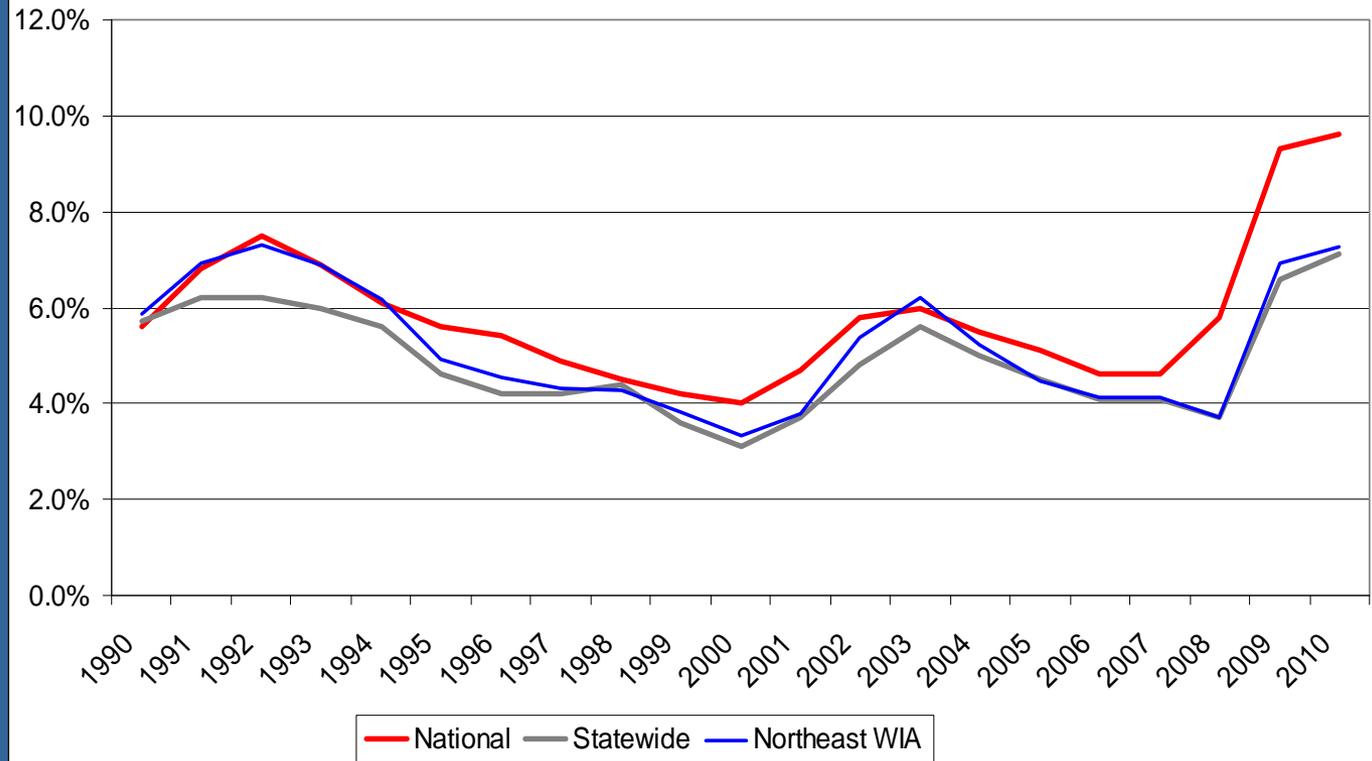
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Employment and Unemployment

Average Annual Unemployment Rate 1990-2010 - Northeast 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.

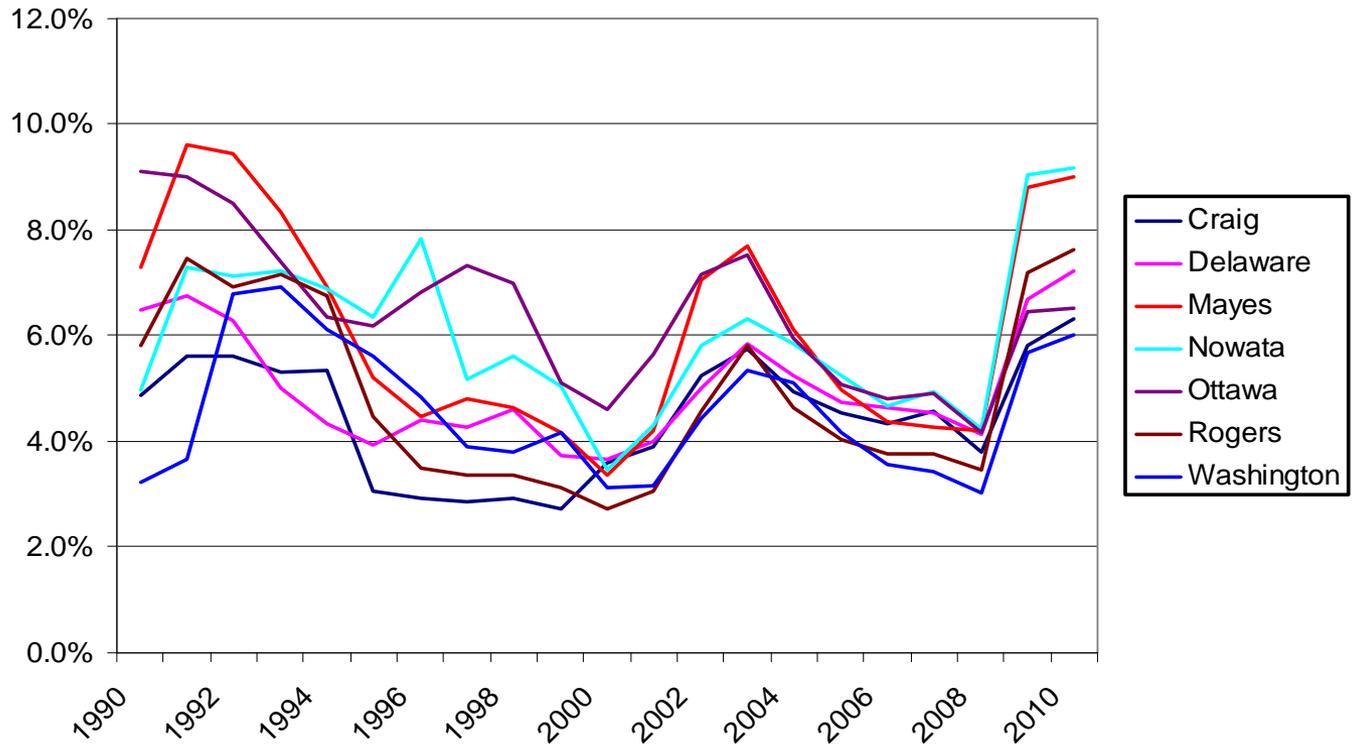
http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm

Workforce:

The Northeast WIA's average annual unemployment rate between 1990 and 2008 was, for the most part, above the statewide average, but below national average. The Northeast WIA's average annual unemployment rate between 1990 and 2008 was 5.02%. During that same time period the national average annual unemployment rate was 5.45%, or 8.57% higher than the Northeast WIA's. Between 2008 and 2010, however, both the Northeast WIA's and the national average annual unemployment rate increased significantly as well as the statewide average still remaining lower than the former two.

Employment and Unemployment

Average Annual Unemployment Rate 1990-2010 - Each County



About the Data:

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

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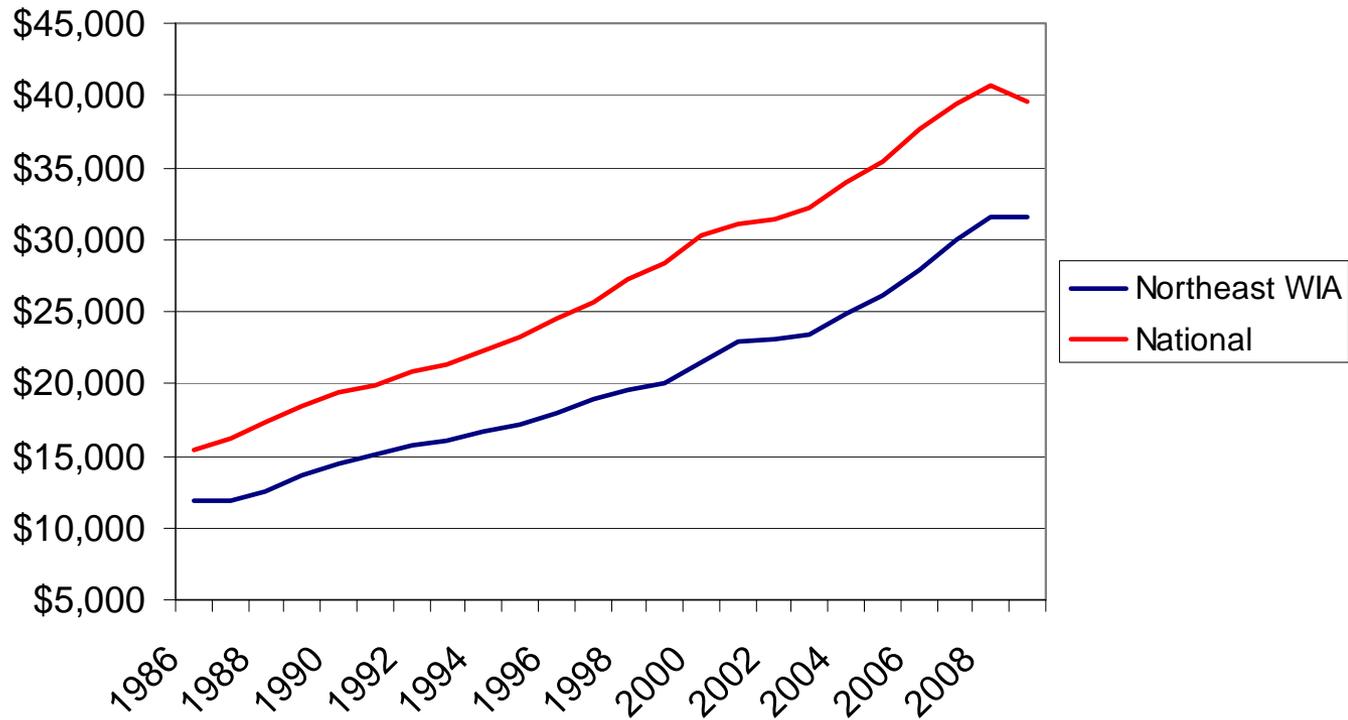
http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm

Workforce:

Between 1990 and 2008 each county in the Northeast WIA had fluctuating levels of unemployment. On average, Ottawa county had the highest average annual unemployment rate at 6.45%, while Craig County had the lowest unemployment rate at 4.32% between 1990 and 2008. Between 2008 and 2010, all counties experienced significant increases in the average annual unemployment rate.

Per Capita Personal Income

Per Capita Personal Income Northeast 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:

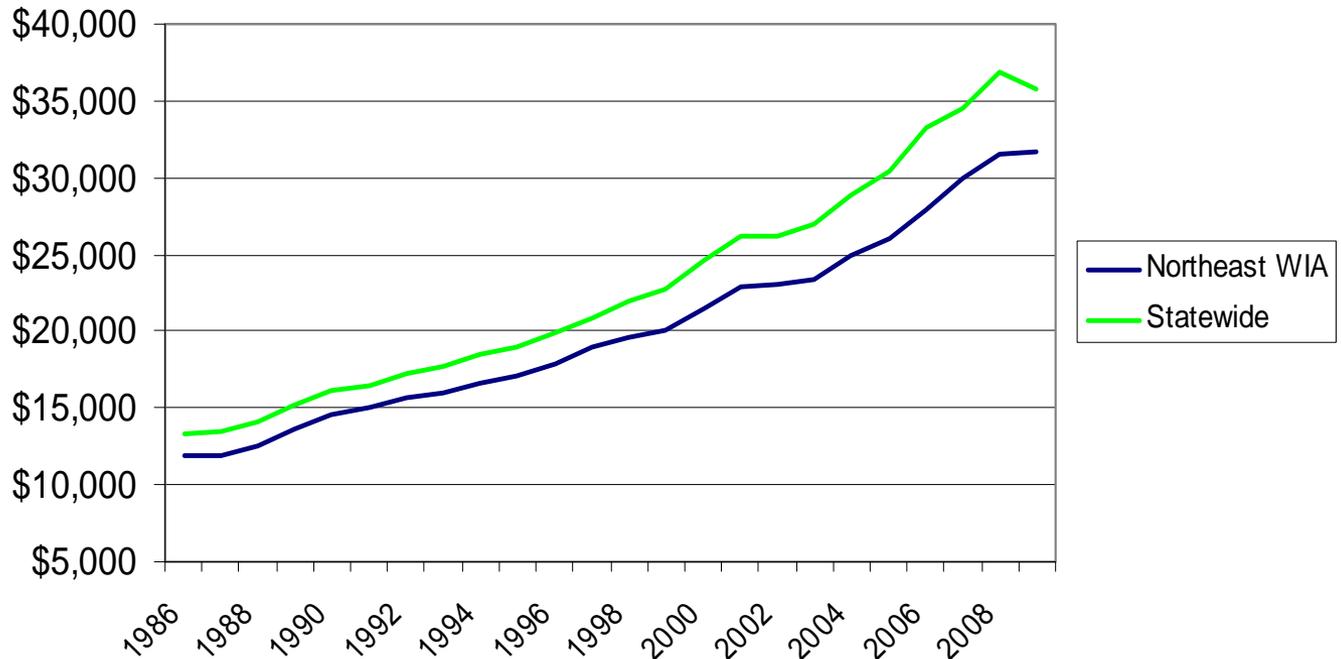
<http://www.bea.gov/>

Per Capita Personal Income:

The Northeast WIA's per capita personal income has realized a positive increase between the years of 1986 and 2008. The Northeast WIA's per capita personal income increased somewhat more rapidly between 1996 and 2008 than it had between 1986 and 1995. The per capita personal income increased \$19,610 over those 23 years to \$31,565. The national per capita personal income was 29% higher than the WIA at \$40,674 in 2008. Between 2008 and 2009, both per capita personal incomes decreased slightly, but the national per capita personal income was still 25% higher than the WIA at \$39,635 in 2009.

Per Capita Personal Income

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



About the Data:

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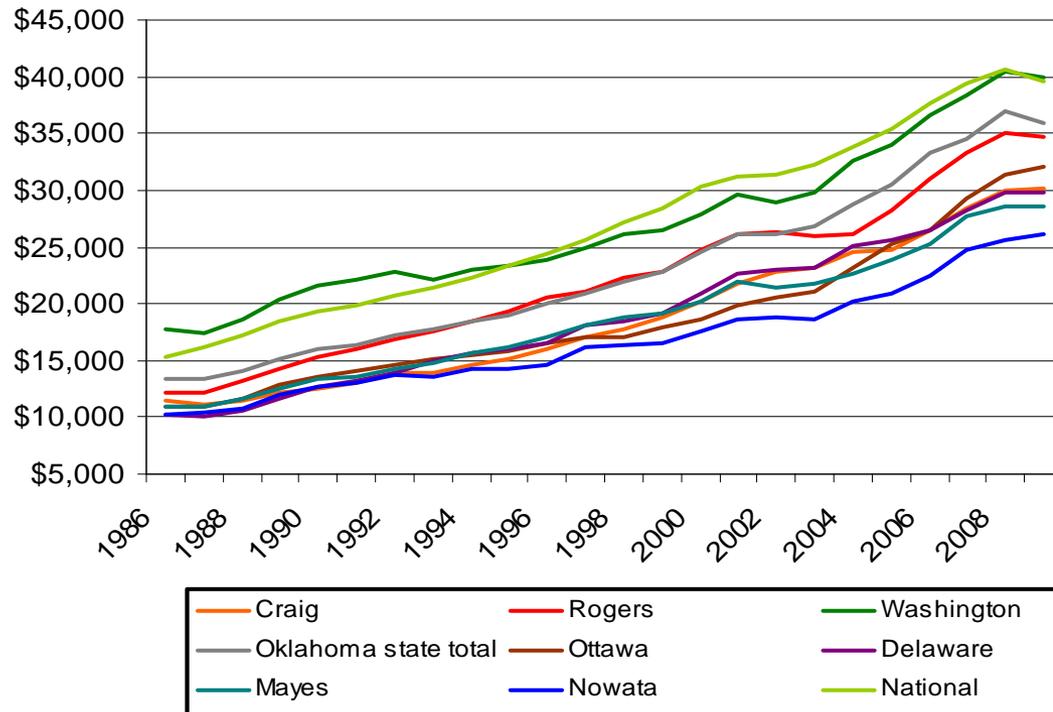
<http://www.bea.gov/>

Per Capita Personal Income:

Between 1986 and 2009 the Northeast WIA's per capita personal income trailed that of the state average. Though each area followed a similar trend, the Northeast WIA's per capita personal income was on average \$2,743 less than the statewide average.

Per Capita Personal Income

Per Capita Personal Income 1986-2009



About the Data:

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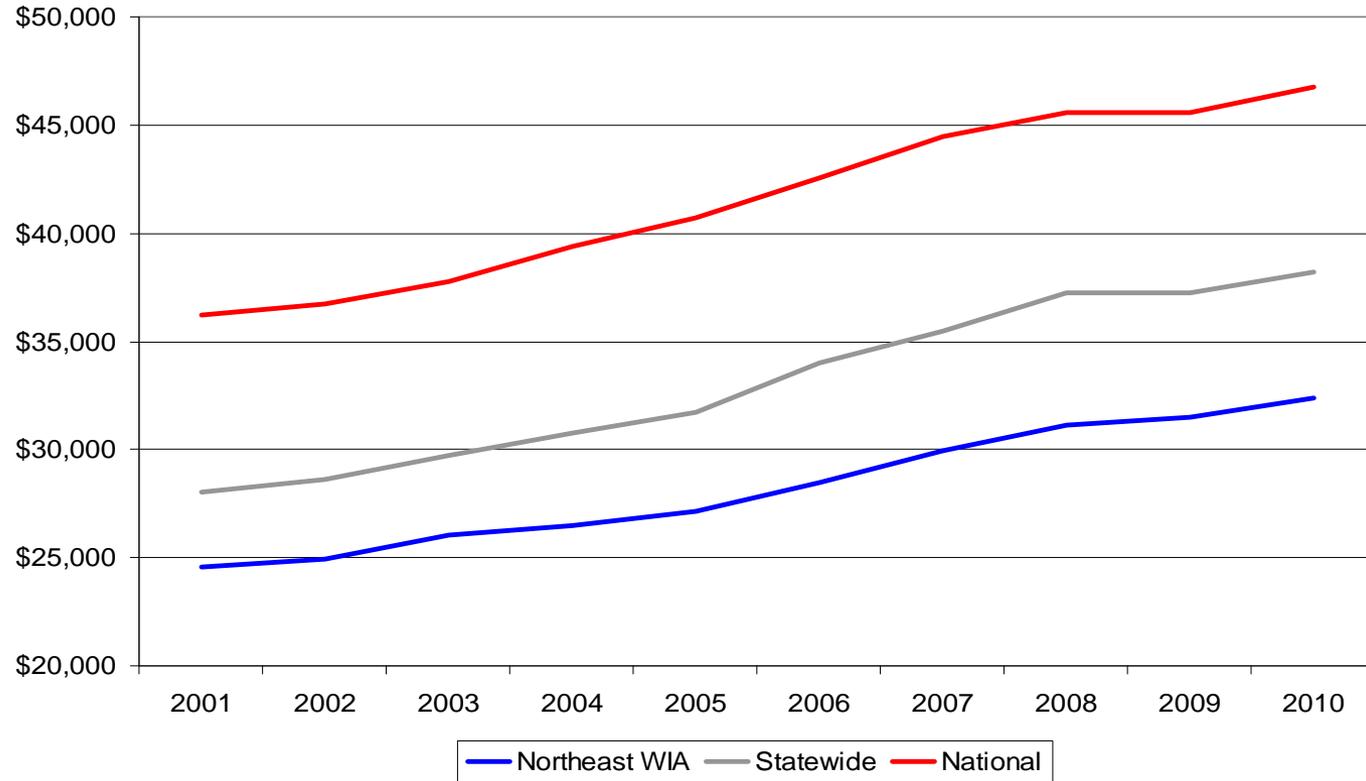
Per Capita Personal Income:

From 1986 to 1996 Washington County surpassed the per capita personal income national average, but since then had been below the national average up to 2008. In 2009, it surpassed again the per capita personal income national average. Rogers County has had nearly the same average as the statewide average, though the statewide average has begun to pull away since 2001. On average Nowata County has had the lowest per capita income for the Northeast WIA counties, while Washington County has had the highest between 1986 and 2009.



Quarterly Census of Employment and Wages

Average Annual Salary Northeast 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

For other states please visit:

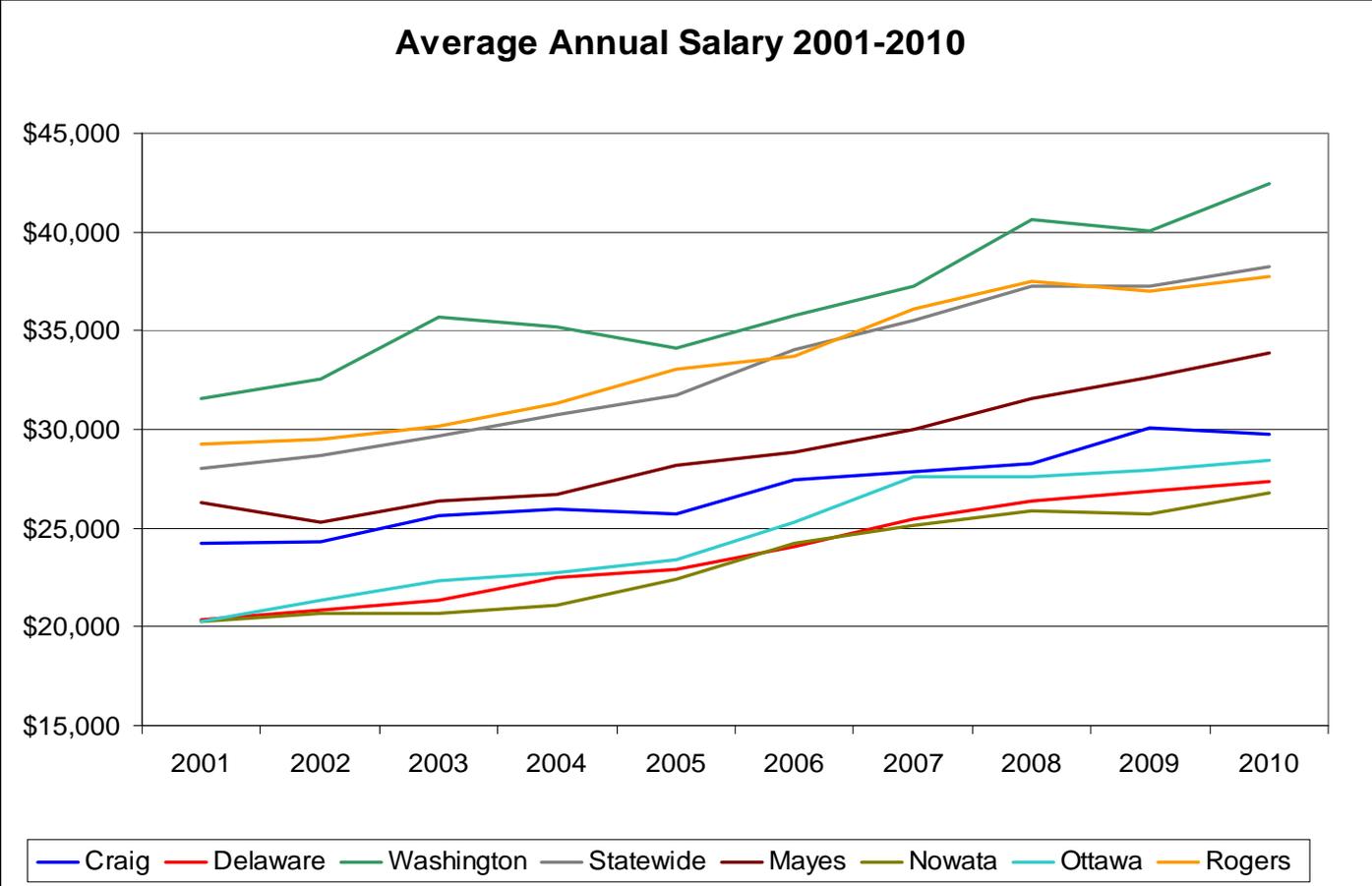
<http://www.bls.gov/cew>

Average Annual Salary:

Between the years 2001 and 2010 the Northeast WIA followed the statewide and national trend in average annual salaries. The Northeast WIA's average annual salary trailed the statewide annual average by approximately \$4,857 during that same time period. The Northeast WIA's average annual salary increased from \$24,586 in 2001 to \$32,354 in 2010. This is an increase of 31.59% or \$7,768.



Quarterly Census of Employment and Wages



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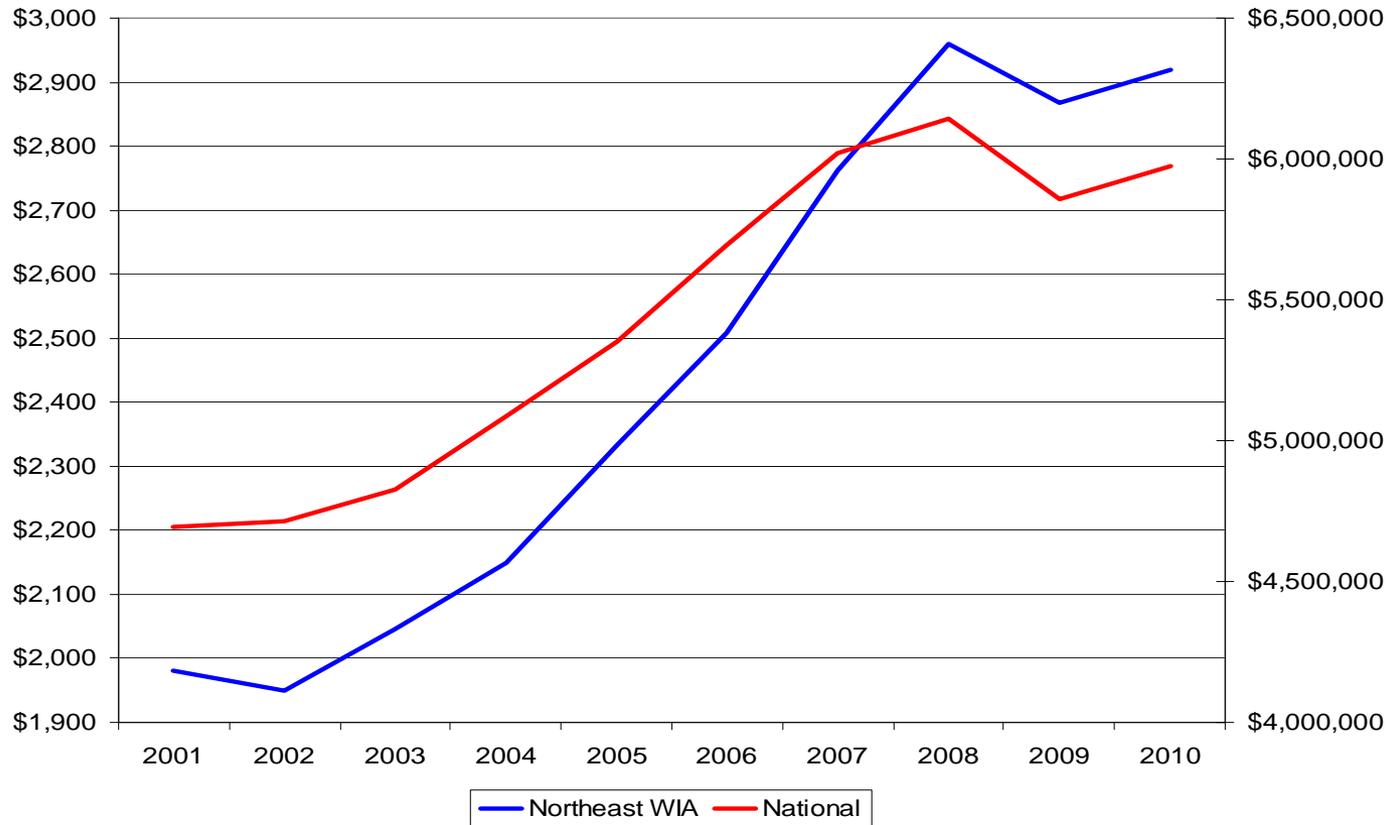
Average Annual Salary:

Of the eight counties that the Northeast WIA is comprised of, two counties had average annual salaries greater than the state average. Washington and Rogers Counties consistently had higher average annual salaries than the other counties and the statewide average. Nowata and Delaware Counties had the two lowest average annual salaries between 2001 and 2010.



Quarterly Census of Employment and Wages

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



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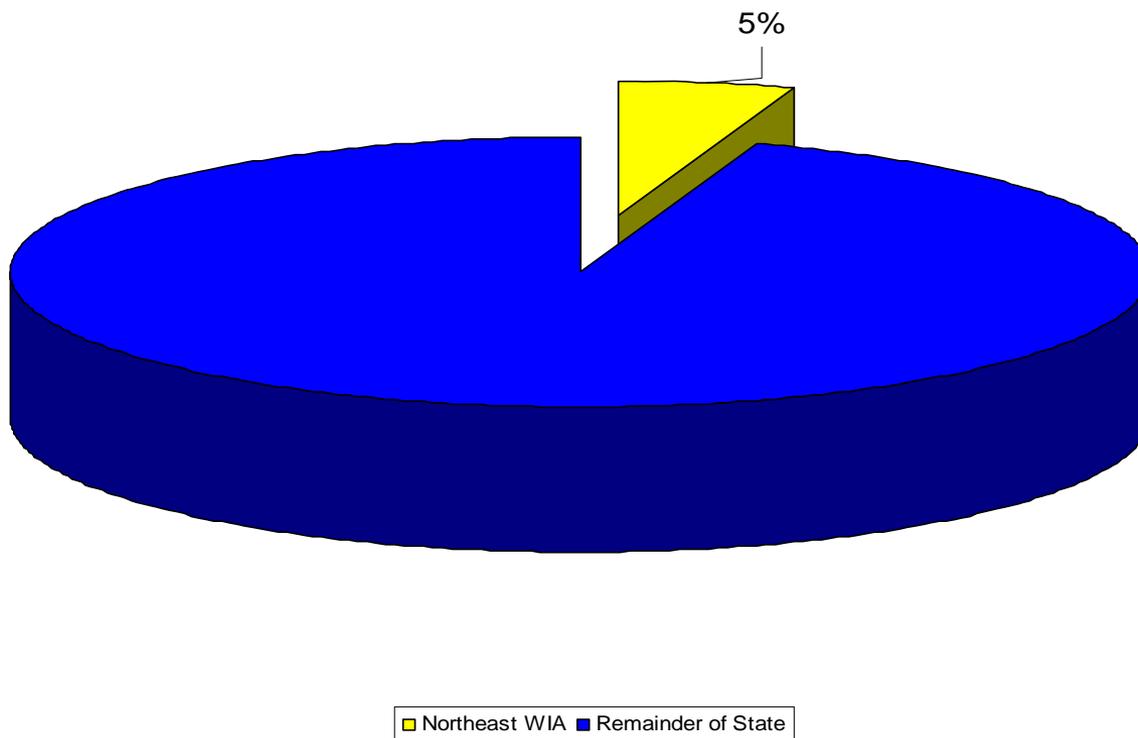
Total Wages Paid Annually:

Total wages paid annually have increased steadily from 2002 to 2008 for the Northeast WIA. However, between 2008 and 2010, total wages paid annually first declined and then increased for the Northeast WIA. In 2001, employers paid a payroll of \$1.98 billion. By 2010, that figure had increased to \$2.92 billion. This equates to a 47.28% increase in total wages paid over the past ten years.



Quarterly Census of Employment and Wages

Northeast WIA's Contribution to Total Wages Paid in Oklahoma - 2010



About the Data:

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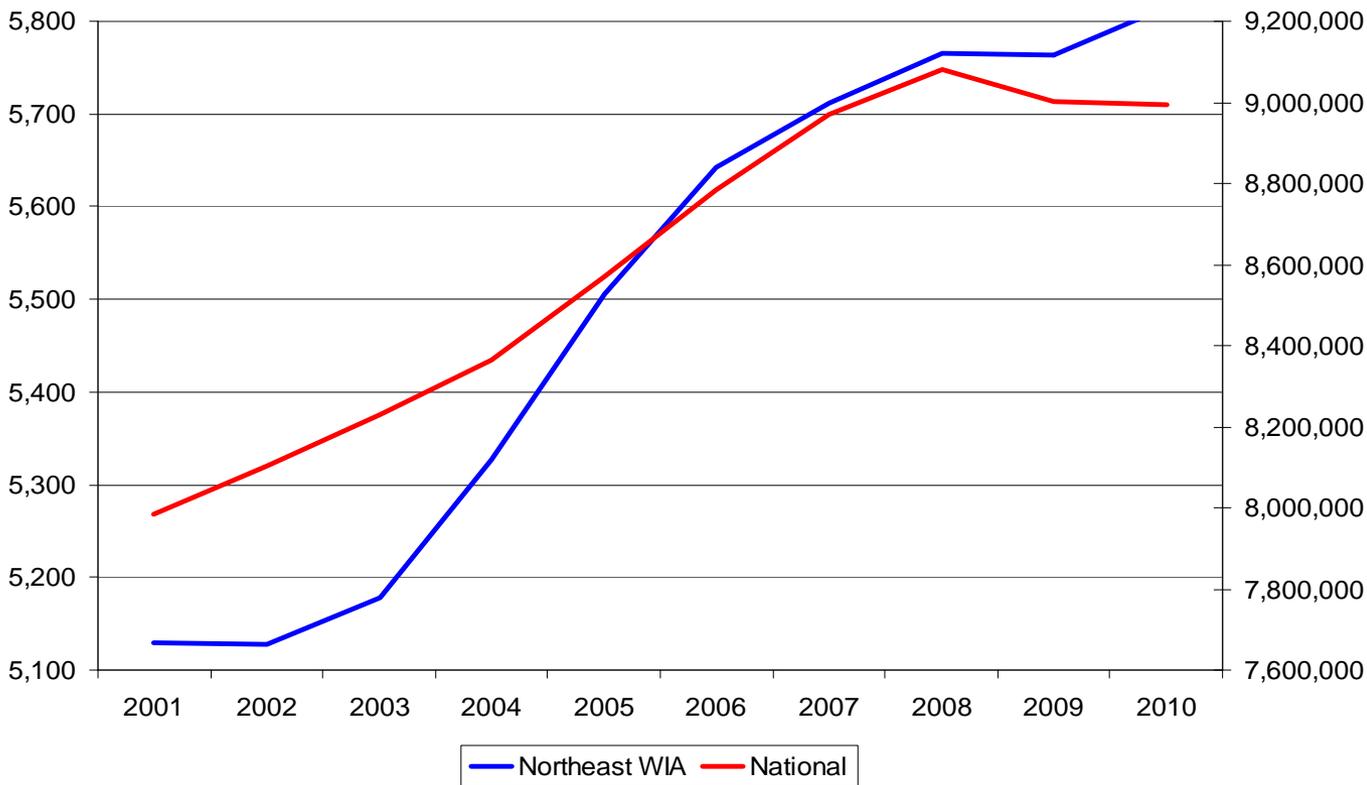
Total Wages Paid Annually:

The Northeast WIA's total annual wages paid for 2010 were \$2.919 billion. The Northeast 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 Northeast WIA 2001-2010



About the Data:

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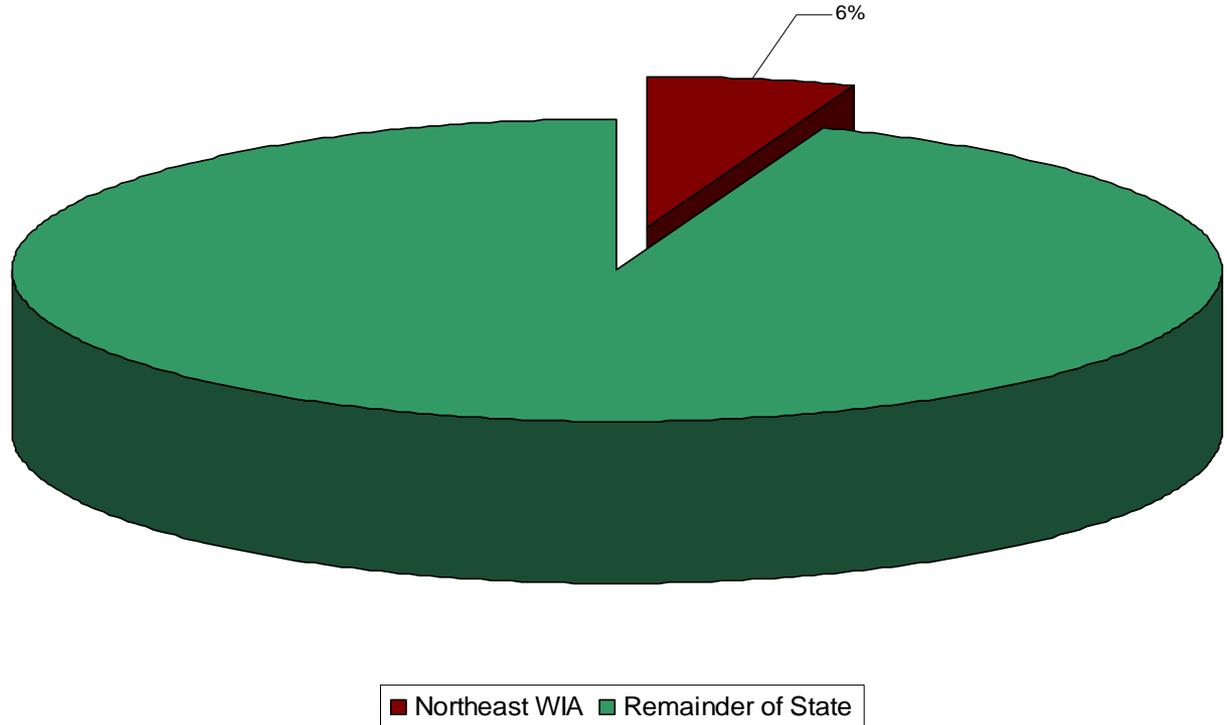
Number of Business Establishments:

The Northeast WIA has experienced positive growth in the number of business establishments located within its boundaries though it experienced a small decrease in the number of business establishments between 2008 and 2009. Between the years of 2001 and 2010, the Northeast WIA realized a 13.35% increase in the number of business establishments, this equates to 685 establishments.



Quarterly Census of Employment and Wages

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



About the Data:

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Number of Business Establishments:

Of the 102,337 business establishments in Oklahoma in 2010, six percent, or 5,815, were located in the Northeast 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	59	628	\$3,990,089	\$489.00
Mining	77	4,570	\$91,070,424	\$1,532.80
Utilities	90	1,406	\$20,787,612	\$1,137.57
Construction	664	4,262	\$36,021,812	\$650.19
Manufacturing	364	10,704	\$119,861,981	\$861.40
Wholesale Trade	239	1,986	\$19,141,804	\$741.54
Retail Trade	795	10,312	\$59,811,981	\$446.16
Transportation and Warehousing	215	2,282	\$25,351,145	\$854.68
Information	86	651	\$6,139,352	\$725.81
Finance and Insurance	335	2,351	\$23,361,489	\$764.26
Real Estate and Rental and Leasing	176	635	\$4,129,727	\$500.27
Professional, Scientific and Technical Services	421	1,952	\$18,588,898	\$732.41
Management of Companies and Enterprises	15	300	\$5,518,334	\$1,414.96
Administrative and Support and Waste Management and Remediation Services	310	4,014	\$32,868,352	\$629.88
Educational Services	76	8,505	\$85,740,224	\$775.44
Health Care and Social Assistance	685	10,496	\$85,612,673	\$627.46
Arts, Entertainment and Recreation	93	5,869	\$42,315,268	\$554.61
Accommodation and Food Services	430	6,726	\$20,488,731	\$234.32
Other Services (except Public Administration)	358	1,953	\$13,126,472	\$517.01
Public Administration	254	4,601	\$38,436,064	\$642.60

About the Data:

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For other states please visit:

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Second Quarter 2011 Data:

In the Northeast WIA, the "Manufacturing" industry, with an average quarterly employment of 10,704, employs the most people. The "Retail Trade" industry is responsible for having the most establishments. It is, however, the "Mining" industry (which includes oil and gas) that has the highest average weekly wage at \$1,532.80

Employment Projections 2008-2018

NORTHEAST 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	92,440	109,520	17,090	18.5%	38,640	\$16.84	
41-2031	Retail Salespersons	3,270	4,070	800	24.6%	1,720	N/A	Short-term on-the-job training
41-2011	Cashiers	2,210	2,590	380	17.3%	1,380	\$8.74	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,410	3,090	680	28.0%	1,110	\$18.23	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,220	1,420	200	16.2%	870	\$8.29	Short-term on-the-job training
43-4051	Customer Service Representatives	1,260	1,580	320	25.4%	720	N/A	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,500	1,660	160	10.4%	640	\$11.16	Short-term on-the-job training
11-1021	General and Operations Managers	1,660	1,770	110	6.5%	590	\$38.47	Bachelor's or higher degree, plus work experience
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,840	2,210	370	20.0%	590	\$13.37	Moderate-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Incl	1,240	1,550	320	25.8%	580	N/A	Short-term on-the-job training
25-2021	Elementary School Teachers, Except Special Educatio	1,230	1,460	230	19.0%	510	N/A	Bachelor's degree
43-9061	Office Clerks, General	1,610	1,890	280	17.4%	500	\$11.14	Short-term on-the-job training
29-1111	Registered Nurses	1,000	1,310	310	30.9%	480	\$27.09	Associate degree
41-1011	First-Line Supervisors/Managers of Retail Sales Work	1,180	1,410	230	19.2%	480	\$15.47	Work experience in a related occupation
35-9021	Dishwashers	710	870	160	22.1%	450	\$8.21	Short-term on-the-job training
39-9011	Child Care Workers	900	1,070	180	20.0%	440	N/A	Short-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	680	880	210	30.2%	420	\$15.88	Postsecondary vocational training
31-1012	Nursing Aides, Orderlies, and Attendants	1,010	1,310	300	30.0%	400	\$11.32	Postsecondary vocational training
51-4121	Welders, Cutters, Solderers, and Brazers	940	1,050	110	11.5%	400	\$15.92	Postsecondary vocational training
51-2092	Team Assemblers	1,140	1,270	130	11.6%	390	\$13.73	Moderate-term on-the-job training
43-6081	Stock Clerks and Order Fillers	930	1,090	170	17.9%	380	\$10.95	Short-term on-the-job training
35-2014	Cooks, Restaurant	820	970	150	17.9%	360	\$9.01	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,100	1,280	190	17.0%	360	N/A	Moderate-term on-the-job training
25-2031	Secondary School Teachers, Except Special and Voca	830	930	100	11.9%	340	N/A	Bachelor's degree
47-1011	First-Line Supervisors/Managers of Construction Trade	660	870	220	33.1%	340	\$24.51	Work experience in a related occupation
43-4171	Receptionists and Information Clerks	660	810	150	22.3%	330	\$10.67	Short-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,340	1,490	140	10.6%	320	\$12.02	Moderate-term on-the-job training
25-9041	Teacher Assistants	900	1,010	120	12.8%	310	N/A	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeepir	1,180	1,260	70	6.3%	300	N/A	Short-term on-the-job training
47-2031	Carpenters	660	880	220	33.8%	300	\$14.03	Long-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Adminis	690	820	130	19.4%	290	\$19.94	Work experience in a related occupation

Occupation with the Most Openings:

Between 2008 and 2018, the Northeast WIA is estimated to add 17,090 jobs. Of those, “retail salespersons”, “cashiers”, and “truck drivers, heavy and tractor-trailer” 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 Northeast WIA can be found in the appendix of this report. For statewide or other areas, please visit the OESC's Labor Market Information website at:

http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm

Employment Projections 2008-2018

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
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00-0000	Total, All Occupations	92,440	109,520	17,090	18.5%	38,640	\$16.84	
41-2031	Retail Salespersons	3,270	4,070	800	24.6%	1,720	N/A	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,410	3,090	680	28.0%	1,110	\$18.23	Short-term on-the-job training
41-2011	Cashiers	2,210	2,590	380	17.3%	1,380	\$8.74	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,840	2,210	370	20.0%	590	\$13.37	Moderate-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Incl	1,240	1,550	320	25.8%	580	N/A	Short-term on-the-job training
43-4051	Customer Service Representatives	1,260	1,580	320	25.4%	720	N/A	Moderate-term on-the-job training
29-1111	Registered Nurses	1,000	1,310	310	30.9%	480	\$27.09	Associate degree
31-1012	Nursing Aides, Orderlies, and Attendants	1,010	1,310	300	30.0%	400	\$11.32	Postsecondary vocational training
43-9061	Office Clerks, General	1,610	1,890	280	17.4%	500	\$11.14	Short-term on-the-job training
47-2061	Construction Laborers	530	770	240	45.2%	270	\$13.68	Moderate-term on-the-job training
25-2021	Elementary School Teachers, Except Special Educatio	1,230	1,460	230	19.0%	510	N/A	Bachelor's degree
41-1011	First-Line Supervisors/Managers of Retail Sales Worke	1,180	1,410	230	19.2%	480	\$15.47	Work experience in a related occupation
47-1011	First-Line Supervisors/Managers of Construction Trade	660	870	220	33.1%	340	\$24.51	Work experience in a related occupation
47-2031	Carpenters	660	880	220	33.8%	300	\$14.03	Long-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	680	880	210	30.2%	420	\$15.88	Postsecondary vocational training
35-3031	Waiters and Waitresses	1,220	1,420	200	16.2%	870	\$8.29	Short-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,100	1,280	190	17.0%	360	N/A	Moderate-term on-the-job training
39-9011	Child Care Workers	900	1,070	180	20.0%	440	N/A	Short-term on-the-job training
29-2052	Pharmacy Technicians	330	500	170	50.9%	250	\$11.43	Moderate-term on-the-job training
43-6081	Stock Clerks and Order Fillers	930	1,090	170	17.9%	380	\$10.95	Short-term on-the-job training
35-9021	Dishwashers	710	870	160	22.1%	450	\$8.21	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Han	1,500	1,660	160	10.4%	640	\$11.16	Short-term on-the-job training
35-2014	Cooks, Restaurant	820	970	150	17.9%	360	\$9.01	Long-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	700	860	150	21.9%	240	\$10.89	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	660	810	150	22.3%	330	\$10.67	Short-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,340	1,490	140	10.6%	320	\$12.02	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipmer	380	520	140	37.8%	210	\$17.05	Moderate-term on-the-job training
13-2011	Accountants and Auditors	570	700	130	22.2%	220	\$22.84	Bachelor's degree
31-9091	Dental Assistants	280	410	130	47.0%	180	N/A	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Adminis	690	820	130	19.4%	290	\$19.94	Work experience in a related occupation

Occupations with the Most Growth:

For the Northeast WIA, “retail salespersons”, “truck drivers, heavy and tractor trailer”, and “cashiers” are expected to have the most job growth. Job growth is defined as new positions available due to growth or expansion, as opposed to including employee turnover.

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 Northeast WIA can be found in the appendix of this report. For statewide or other areas, please visit the OESC's Labor Market Information website at:

http://www.ok.gov/oesc_web/Services/Find_Labor_Market_Statistics/index.htm

Industry Projections 2008-2018

NORTHEAST WORKFORCE INVESTMENT AREA INDUSTRY EMPLOYMENT OUTLOOK, 2008-2018

INDUSTRY	EMPLOYMENT		Employment Change, 2008-2018	
	2008	2018	Numeric	Percent
Total	86,920	103,050	16,130	18.56%
Agriculture, Forestry, Fishing and Hunting	620	620	0	-0.65%
Mining	4,130	4,500	360	8.79%
Utilities	660	690	30	4.39%
Construction	4,250	6,600	2,350	55.27%
Manufacturing	12,480	13,390	900	7.24%
Wholesale Trade	2,230	2,570	340	15.25%
Retail Trade	11,100	13,300	2,210	19.86%
Transportation and Warehousing	1,940	2,510	570	29.33%
Information	590	590	0	-0.17%
Finance and Insurance	2,460	2,770	310	12.60%
Real Estate and Rental and Leasing	660	710	50	8.18%
Professional, Scientific, and Technical Services	1,980	2,520	540	27.32%
Management of Companies and Enterprises	320	350	20	7.50%
Administrative and Support and Waste Management and Remediation Services	4,130	4,760	630	15.18%
Educational Services	8,200	9,330	1,120	13.71%
Health Care and Social Assistance	10,450	13,790	3,350	32.02%
Arts, Entertainment, and Recreation	3,250	3,960	700	21.63%
Accommodation and Food Services	6,530	7,640	1,110	16.95%
Other Services (except Public Administration)	2,050	2,310	270	12.93%
Federal Government	920	930	10	1.20%
State Government	2,130	2,300	170	8.08%
Local Government	5,850	6,940	1,100	18.75%

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.htm

Industry Projections:

For the Northeast WIA, the "Health Care and Social Assistance" industry is expected to experience the greatest growth in employment. None of the twenty-two industry sectors are projected to experience a decrease in employment between 2008 and 2018.

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NORTHEAST 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	92,440	109,520	17,090	18.5%	38,640	\$16.84	
11-1011	Chief Executives	470	490	20	5.1%	160	\$56.45	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	1,660	1,770	110	6.5%	590	\$38.47	Bachelor's or higher degree, plus work experience
11-1031	Legislators	40	40	0	8.6%	10	N/A	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	40	50	10	21.1%	20	\$39.99	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	150	190	40	23.0%	70	\$39.32	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	180	210	40	19.9%	70	\$22.73	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	80	90	10	14.1%	20	\$33.19	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	250	280	40	15.0%	80	\$33.30	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	60	70	10	8.3%	20	N/A	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	20	30	0	13.6%	10	N/A	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	50	50	10	12.5%	20	N/A	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	170	170	10	5.5%	70	\$40.75	Work experience in a related occupation
11-3061	Purchasing Managers	60	70	10	14.8%	30	N/A	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	50	50	0	5.9%	20	\$29.70	Work experience in a related occupation
11-9021	Construction Managers	200	270	60	31.2%	80	\$34.37	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	18.6%	20	\$18.23	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	180	200	20	12.1%	80	N/A	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	30	30	0	6.9%	10	\$31.93	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	70	70	0	5.7%	20	\$81.56	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	290	330	40	14.5%	100	\$21.35	Work experience in a related occupation
11-9071	Gaming Managers	20	30	10	25.0%	10	\$28.32	Work experience in a related occupation
11-9111	Medical and Health Services Managers	160	200	40	24.5%	70	\$36.27	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	50	40	-10	-17.0%	10	\$30.32	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	160	190	30	15.3%	50	\$19.49	Bachelor's degree
11-9151	Social and Community Service Managers	80	90	20	20.5%	30	\$18.79	Bachelor's degree
13-1022	Wholesale and Retail Buyers, Except Farm Products	70	70	0	4.5%	20	\$21.42	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	240	300	60	23.8%	120	\$23.95	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	120	140	20	13.7%	50	\$21.18	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, ;	130	170	40	31.5%	50	\$21.92	Long-term on-the-job training
13-1051	Cost Estimators	110	160	50	48.1%	80	\$22.87	Bachelor's degree
13-1061	Emergency Management Specialists	20	20	10	41.2%	10	N/A	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	80	100	20	28.8%	40	N/A	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	20.0%	30	N/A	Bachelor's degree
13-1073	Training and Development Specialists	150	190	50	30.2%	80	N/A	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	60	80	20	25.4%	30	N/A	Bachelor's degree
13-1111	Management Analysts	110	140	30	22.8%	50	\$29.26	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	210	250	40	17.2%	80	\$25.37	Bachelor's degree
13-2011	Accountants and Auditors	570	700	130	22.2%	220	\$22.84	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	60	70	10	13.6%	20	\$20.80	Associate degree
13-2041	Credit Analysts	20	20	10	33.3%	10	\$21.66	Bachelor's degree
13-2051	Financial Analysts	50	60	10	23.9%	20	\$29.45	Bachelor's degree
13-2052	Personal Financial Advisors	50	70	20	39.6%	30	\$36.57	Bachelor's degree
13-2071	Loan Counselors	40	40	0	10.8%	10	\$15.85	Bachelor's degree
13-2072	Loan Officers	280	330	50	17.1%	80	\$22.97	Moderate-term on-the-job training
15-1021	Computer Programmers	110	110	0	-3.6%	20	N/A	Bachelor's degree
15-1031	Computer Software Engineers, Applications	90	120	30	36.0%	40	N/A	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	60	70	20	29.8%	20	N/A	Bachelor's degree
15-1041	Computer Support Specialists	190	210	30	15.7%	80	N/A	Associate degree
15-1051	Computer Systems Analysts	120	140	30	21.2%	50	N/A	Bachelor's degree
15-1061	Database Administrators	20	30	10	20.8%	10	N/A	Bachelor's degree
15-1071	Network and Computer Systems Administrators	100	120	20	18.3%	40	N/A	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	70	130	50	71.2%	70	N/A	Bachelor's degree
17-2041	Chemical Engineers	130	140	10	6.9%	40	\$52.90	Bachelor's degree
17-2051	Civil Engineers	40	60	20	34.1%	20	\$30.97	Bachelor's degree
17-2071	Electrical Engineers	90	90	0	3.4%	20	\$38.89	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	20	20	0	0.0%	10	\$36.84	Bachelor's degree

NORTHEAST 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			
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspect	20	30	0	12.5%	10	\$25.31	Bachelor's degree
17-2112	Industrial Engineers	150	190	40	26.8%	80	\$36.96	Bachelor's degree
17-2141	Mechanical Engineers	240	290	50	20.2%	110	\$33.94	Bachelor's degree
17-2171	Petroleum Engineers	200	290	90	42.6%	130	\$53.11	Bachelor's degree
17-3013	Mechanical Drafters	50	50	0	8.2%	20	\$22.95	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	150	150	10	4.8%	40	\$24.49	Associate degree
17-3026	Industrial Engineering Technicians	70	80	10	16.9%	20	N/A	Associate degree
17-3031	Surveying and Mapping Technicians	40	50	10	27.0%	20	\$16.04	Moderate-term on-the-job training
19-2031	Chemists	200	220	20	7.9%	80	N/A	Bachelor's degree
19-3021	Market Research Analysts	50	60	10	28.9%	30	N/A	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	130	150	30	20.5%	60	N/A	Doctoral degree
19-4031	Chemical Technicians	20	20	0	6.7%	0	\$18.56	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	25.0%	20	\$15.02	Associate degree
21-1012	Educational, Vocational, and School Counselors	340	420	80	23.7%	150	N/A	Master's degree
21-1021	Child, Family, and School Social Workers	230	250	20	10.2%	80	\$15.95	Bachelor's degree
21-1022	Medical and Public Health Social Workers	30	40	10	27.3%	20	N/A	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	20	30	10	35.0%	10	\$12.31	Master's degree
21-1029	Social Workers, All Other	50	50	10	14.9%	20	N/A	Bachelor's degree
21-1091	Health Educators	20	30	0	19.0%	10	\$24.95	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Specialists	50	60	10	24.0%	20	N/A	Bachelor's degree
21-1093	Social and Human Service Assistants	170	220	40	25.0%	80	\$13.92	Moderate-term on-the-job training
23-1011	Lawyers	350	410	60	17.0%	130	\$28.47	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0.0%	0	N/A	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	110	140	30	29.2%	40	\$14.82	Associate degree
23-2093	Title Examiners, Abstractors, and Searchers	180	190	10	6.9%	40	\$11.23	Moderate-term on-the-job training
25-1000	Postsecondary Teachers	470	540	80	16.8%	160	N/A	
25-2011	Preschool Teachers, Except Special Education	160	200	40	21.9%	70	\$15.41	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	170	200	30	18.1%	60	N/A	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,230	1,460	230	19.0%	510	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	580	690	110	18.1%	240	N/A	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	5.9%	10	N/A	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	830	930	100	11.9%	340	N/A	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	90	100	10	13.0%	40	N/A	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sch	150	180	30	21.1%	70	N/A	Bachelor's degree
25-2042	Special Education Teachers, Middle School	80	100	20	20.3%	40	N/A	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	100	120	20	16.7%	40	N/A	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	40	10	17.6%	10	N/A	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	50	60	10	23.9%	20	\$22.16	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	290	350	60	19.4%	100	N/A	Bachelor's degree
25-4021	Librarians	100	110	10	10.8%	40	\$19.40	Master's degree
25-4031	Library Technicians	60	70	10	14.5%	40	\$9.95	Postsecondary vocational training
25-9031	Instructional Coordinators	50	60	10	26.7%	20	\$25.50	Master's degree
25-9041	Teacher Assistants	900	1,010	120	12.8%	310	N/A	Short-term on-the-job training
27-1023	Floral Designers	50	50	0	8.9%	20	\$10.13	Short-term on-the-job training
27-1024	Graphic Designers	70	80	20	23.1%	40	\$16.78	Bachelor's degree
27-2022	Coaches and Scouts	100	130	30	28.6%	50	N/A	Long-term on-the-job training
27-2041	Music Directors and Composers	40	40	10	19.4%	10	\$19.21	Bachelor's or higher degree, plus work experience
27-3022	Reporters and Correspondents	50	50	0	-2.2%	10	N/A	Bachelor's degree
27-3031	Public Relations Specialists	80	100	20	30.3%	40	\$16.32	Bachelor's degree
27-3043	Writers and Authors	90	110	20	28.2%	40	\$15.93	Bachelor's degree
27-3091	Interpreters and Translators	20	20	0	15.8%	10	N/A	Long-term on-the-job training
29-1031	Dietitians and Nutritionists	20	20	0	21.1%	10	\$25.53	Bachelor's degree
29-1041	Optometrists	70	90	30	38.2%	50	\$56.52	First professional degree
29-1051	Pharmacists	230	320	80	35.6%	140	\$47.91	First professional degree
29-1062	Family and General Practitioners	70	100	20	33.3%	40	\$70.70	First professional degree
29-1066	Psychiatrists	30	40	10	27.3%	20	N/A	First professional degree
29-1111	Registered Nurses	1,000	1,310	310	30.9%	480	\$27.09	Associate degree

NORTHEAST 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			
29-1123	Physical Therapists	120	170	50	43.6%	70	\$37.12	Master's degree
29-1125	Recreational Therapists	70	80	20	25.4%	40	N/A	Bachelor's degree
29-1126	Respiratory Therapists	30	40	10	31.3%	20	N/A	Associate degree
29-1127	Speech-Language Pathologists	70	80	10	19.7%	30	\$27.05	Master's degree
29-1131	Veterinarians	90	120	30	35.2%	50	\$51.31	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	70	90	20	21.1%	30	\$26.13	Bachelor's degree
29-2021	Dental Hygienists	140	210	70	49.3%	100	N/A	Associate degree
29-2034	Radiologic Technologists and Technicians	120	150	30	26.3%	50	N/A	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	310	370	60	19.8%	120	\$14.57	Postsecondary vocational training
29-2052	Pharmacy Technicians	330	500	170	50.9%	250	\$11.43	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	20	20	0	9.1%	10	\$18.94	Postsecondary vocational training
29-2055	Surgical Technologists	50	70	20	37.7%	30	N/A	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	680	880	210	30.2%	420	\$15.88	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	170	210	40	25.7%	80	\$15.05	Associate degree
29-9011	Occupational Health and Safety Specialists	70	100	30	39.7%	50	N/A	Bachelor's degree
29-9091	Athletic Trainers	90	130	40	41.8%	70	N/A	Bachelor's degree
31-1012	Nursing Aides, Orderlies, and Attendants	1,010	1,310	300	30.0%	400	\$11.32	Postsecondary vocational training
31-2011	Occupational Therapist Assistants	20	30	10	50.0%	10	\$21.43	Associate degree
31-2021	Physical Therapist Assistants	90	130	40	46.2%	60	\$25.67	Associate degree
31-9091	Dental Assistants	280	410	130	47.0%	180	N/A	Moderate-term on-the-job training
31-9092	Medical Assistants	270	370	100	36.4%	130	\$12.07	Moderate-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	7.7%	20	\$22.04	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	110	120	20	18.1%	70	N/A	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	40	10	18.9%	30	\$28.70	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	20.0%	10	\$30.61	Work experience in a related occupation
33-3011	Bailiffs	20	20	0	12.5%	10	N/A	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	440	520	70	16.7%	170	\$13.86	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	70	80	10	12.9%	20	\$21.04	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	550	650	100	18.9%	250	N/A	Long-term on-the-job training
33-9011	Animal Control Workers	20	30	0	16.7%	10	\$11.86	Moderate-term on-the-job training
33-9031	Gaming Surveillance Officers and Gaming Investigators	100	120	20	21.6%	40	N/A	Moderate-term on-the-job training
33-9032	Security Guards	690	810	110	16.4%	260	\$12.08	Short-term on-the-job training
35-2011	Cooks, Fast Food	590	690	100	17.7%	250	N/A	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	580	660	90	14.7%	230	\$9.03	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	820	970	150	17.9%	360	\$9.01	Long-term on-the-job training
35-2021	Food Preparation Workers	320	370	40	13.0%	160	\$8.35	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,240	1,550	320	25.8%	580	N/A	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	270	330	50	19.9%	250	\$9.09	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,220	1,420	200	16.2%	870	\$8.29	Short-term on-the-job training
35-9021	Dishwashers	710	870	160	22.1%	450	\$8.21	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	100	120	10	13.6%	90	\$8.50	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	130	150	10	9.8%	30	\$16.51	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers	200	240	40	19.8%	60	\$15.11	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,180	1,260	70	6.3%	300	N/A	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	520	530	20	3.5%	110	\$8.52	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	700	860	150	21.9%	240	\$10.89	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	20	20	0	21.1%	10	\$14.42	Moderate-term on-the-job training
39-1011	Gaming Supervisors	100	120	20	24.2%	50	N/A	Work experience in a related occupation
39-3011	Gaming Dealers	180	250	70	37.7%	150	\$14.45	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20	30	10	20.8%	20	\$8.77	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	30	40	10	19.4%	20	N/A	Short-term on-the-job training
39-9011	Child Care Workers	900	1,070	180	20.0%	440	N/A	Short-term on-the-job training
39-9021	Personal and Home Care Aides	100	160	60	59.8%	70	N/A	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	190	260	70	36.7%	100	\$10.24	Postsecondary vocational training
39-9032	Recreation Workers	140	190	40	30.6%	70	\$9.99	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,180	1,410	230	19.2%	480	\$15.47	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	200	230	30	16.8%	70	\$28.92	Work experience in a related occupation

NORTHEAST 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			
41-2011	Cashiers	2,210	2,590	380	17.3%	1,380	\$8.74	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	130	130	0	-1.6%	60	\$17.38	Short-term on-the-job training
41-2021	Counter and Rental Clerks	180	190	10	6.1%	60	\$12.72	Short-term on-the-job training
41-2022	Parts Salespersons	110	130	20	15.7%	60	\$15.94	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,270	4,070	800	24.6%	1,720	N/A	Short-term on-the-job training
41-3021	Insurance Sales Agents	200	250	40	20.6%	90	N/A	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	60	10	22.4%	30	\$43.78	Bachelor's degree
41-3099	Sales Representatives, Services, All Other	90	100	20	20.0%	40	N/A	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scier	330	380	50	13.9%	120	\$23.05	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical ar	710	820	110	14.7%	270	\$19.12	Work experience in a related occupation
41-9022	Real Estate Sales Agents	190	240	50	23.7%	80	\$24.63	Postsecondary vocational training
41-9041	Telemarketers	100	100	-10	-5.8%	30	\$11.94	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Worl	690	820	130	19.4%	290	\$19.94	Work experience in a related occupation
43-3021	Billing and Posting Clerks and Machine Operators	290	360	70	22.9%	120	\$13.18	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,840	2,210	370	20.0%	590	\$13.37	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	190	180	-10	-5.8%	50	N/A	Moderate-term on-the-job training
43-3061	Procurement Clerks	60	70	10	16.4%	30	\$15.88	Moderate-term on-the-job training
43-3071	Tellers	510	580	70	14.3%	280	\$10.07	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	100	120	10	12.7%	40	\$14.48	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	5.0%	10	\$12.78	Short-term on-the-job training
43-4051	Customer Service Representatives	1,260	1,580	320	25.4%	720	N/A	Moderate-term on-the-job training
43-4071	File Clerks	120	100	-30	-21.3%	30	\$11.07	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	60	80	20	30.5%	30	\$11.94	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	70	10	14.5%	40	\$9.00	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	50	50	10	13.0%	20	\$13.18	Short-term on-the-job training
43-4141	New Accounts Clerks	80	80	10	6.3%	30	\$12.58	Work experience in a related occupation
43-4151	Order Clerks	160	120	-40	-26.6%	50	\$12.46	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	130	130	0	0.0%	40	\$15.49	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	660	810	150	22.3%	330	\$10.67	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	110	140	30	29.2%	50	\$11.36	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	80	10	7.8%	20	\$14.68	Moderate-term on-the-job training
43-5051	Postal Service Clerks	50	40	-10	-18.4%	10	\$25.23	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	270	270	0	-1.1%	80	\$23.16	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	40	30	-10	-30.0%	0	\$17.52	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	170	180	10	8.3%	60	\$20.68	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	430	440	10	2.3%	120	\$14.16	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	930	1,090	170	17.9%	380	\$10.95	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	60	50	0	-7.1%	20	N/A	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	630	740	110	17.2%	190	\$17.27	Work experience in a related occupation
43-6012	Legal Secretaries	210	250	40	19.9%	70	\$13.15	Associate degree
43-6013	Medical Secretaries	210	300	80	38.8%	110	\$14.05	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,340	1,490	140	10.6%	320	\$12.02	Moderate-term on-the-job training
43-9011	Computer Operators	60	50	-10	-19.3%	10	\$16.05	Moderate-term on-the-job training
43-9021	Data Entry Keyers	60	50	0	-3.6%	10	\$13.11	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	40	0	-5.4%	10	\$10.59	Short-term on-the-job training
43-9061	Office Clerks, General	1,610	1,890	280	17.4%	500	\$11.14	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	50	50	0	-1.9%	10	N/A	Short-term on-the-job training
45-2091	Agricultural Equipment Operators	40	40	0	4.8%	10	\$12.18	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	340	330	0	-1.2%	90	\$10.61	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Wc	660	870	220	33.1%	340	\$24.51	Work experience in a related occupation
47-2011	Boilermakers	70	90	20	33.3%	40	\$15.43	Long-term on-the-job training
47-2031	Carpenters	660	880	220	33.8%	300	\$14.03	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	110	170	50	47.4%	80	\$15.48	Moderate-term on-the-job training
47-2061	Construction Laborers	530	770	240	45.2%	270	\$13.68	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	80	90	10	14.1%	20	\$13.98	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	380	520	140	37.8%	210	\$17.05	Moderate-term on-the-job training
47-2111	Electricians	240	330	90	38.1%	150	\$23.47	Long-term on-the-job training

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Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
47-2141	Painters, Construction and Maintenance	110	140	30	22.5%	40	\$14.57	Moderate-term on-the-job training
47-2151	Pipelayers	160	220	60	35.4%	90	\$14.59	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	260	370	110	42.7%	160	\$14.96	Long-term on-the-job training
47-2211	Sheet Metal Workers	100	120	30	28.4%	50	\$13.31	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	140	210	70	47.1%	90	\$13.13	Long-term on-the-job training
47-3012	Helpers--Carpenters	50	60	20	33.3%	30	\$11.38	Short-term on-the-job training
47-3013	Helpers--Electricians	90	140	50	62.4%	70	\$17.41	Short-term on-the-job training
47-4011	Construction and Building Inspectors	30	40	10	25.0%	10	\$22.31	Work experience in a related occupation
47-4051	Highway Maintenance Workers	200	250	40	20.7%	100	\$13.39	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	30	10	31.8%	10	\$15.49	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	290	320	30	8.5%	80	\$16.18	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	380	410	30	9.0%	100	\$17.20	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	310	340	40	12.1%	120	\$26.69	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	-2.2%	10	N/A	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	100	160	60	57.8%	80	\$20.76	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	160	170	10	6.9%	50	\$20.83	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	690	790	100	14.2%	230	\$16.23	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	240	30	11.8%	70	\$17.04	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	80	100	20	29.3%	40	\$17.48	Long-term on-the-job training
49-3051	Motorboat Mechanics	80	90	10	16.5%	30	\$16.49	Long-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	80	110	30	40.3%	40	\$17.38	Postsecondary vocational training
49-9031	Home Appliance Repairers	60	60	10	9.1%	10	\$15.76	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	330	430	100	31.2%	150	\$20.74	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,100	1,280	190	17.0%	360	N/A	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	200	220	30	14.3%	60	\$15.31	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	270	390	120	43.1%	220	\$22.38	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	190	200	10	3.7%	40	\$21.05	Long-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	720	780	60	8.7%	160	\$24.30	Work experience in a related occupation
51-2022	Electrical and Electronic Equipment Assemblers	330	390	50	15.6%	100	N/A	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	370	460	90	23.7%	170	\$16.54	Moderate-term on-the-job training
51-2092	Team Assemblers	1,140	1,270	130	11.6%	390	\$13.73	Moderate-term on-the-job training
51-3011	Bakers	100	120	20	15.0%	40	\$10.97	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	70	80	10	17.4%	30	\$11.91	Long-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	160	200	40	24.5%	70	\$18.46	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	180	170	-10	-2.8%	40	\$14.50	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	70	60	-10	-14.1%	10	\$14.86	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators,	140	130	0	-1.5%	20	\$13.77	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	50	40	-10	-14.3%	10	N/A	Moderate-term on-the-job training
51-4041	Machinists	760	830	70	8.6%	170	\$16.79	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tende	80	90	10	13.2%	30	\$11.35	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	-2.7%	10	\$16.30	Moderate-term on-the-job training
51-4111	Tool and Die Makers	50	60	10	11.8%	10	\$20.44	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	940	1,050	110	11.5%	400	\$15.92	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	120	130	10	7.5%	50	\$18.44	Postsecondary vocational training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas	60	70	0	3.2%	30	\$14.22	Moderate-term on-the-job training
51-5023	Printing Machine Operators	60	60	10	8.8%	20	N/A	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	170	190	20	10.5%	50	\$8.60	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	60	60	0	0.0%	0	\$9.16	Short-term on-the-job training
51-6031	Sewing Machine Operators	150	110	-40	-26.7%	10	\$8.99	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	100	120	20	22.7%	40	N/A	Long-term on-the-job training
51-8012	Power Distributors and Dispatchers	20	30	0	13.6%	10	\$23.68	Long-term on-the-job training
51-8013	Power Plant Operators	50	50	10	10.4%	20	\$29.06	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	170	230	60	32.4%	90	\$13.93	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	7.9%	30	N/A	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	210	210	0	-0.5%	20	\$22.22	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	120	150	30	25.4%	50	N/A	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	70	100	20	33.3%	40	\$19.36	Moderate-term on-the-job training

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	410	440	30	6.3%	100	\$16.47	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	300	360	60	19.9%	140	\$14.67	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	30	30	0	13.8%	10	\$21.34	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	850	930	90	10.0%	230	\$12.38	Short-term on-the-job training
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Mover:	180	210	30	16.2%	60	\$19.62	Work experience in a related occupation
53-3022	Bus Drivers, School	340	340	0	-0.3%	60	\$9.98	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	430	480	60	13.9%	140	\$11.84	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,410	3,090	680	28.0%	1,110	\$18.23	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	390	460	70	18.1%	140	\$11.81	Short-term on-the-job training
53-6021	Parking Lot Attendants	50	50	0	3.8%	20	\$9.34	Short-term on-the-job training
53-6031	Service Station Attendants	40	50	0	2.3%	20	N/A	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	180	240	50	29.1%	110	\$16.90	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	390	450	60	15.5%	180	\$13.30	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	180	200	20	13.1%	90	\$10.08	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,500	1,660	160	10.4%	640	\$11.16	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	500	530	30	5.4%	110	N/A	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	160	150	-10	-8.0%	50	\$20.96	Moderate-term on-the-job training
53-7073	Wellhead Pumpers	140	130	-10	-8.6%	40	N/A	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	170	200	30	20.2%	80	\$13.88	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	Median	75th	75th
									Percentile Hourly Wage	Percentile Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
00-0000	Total all occupations	87,010	\$17.06	\$35,492	\$8.56	\$17,815	\$21.31	\$44,330	\$9.24	\$19,220	\$13.50	\$28,084	\$20.14	\$41,893
11-0000	Management Occupations	4,400	\$36.75	\$76,433	\$18.36	\$38,194	\$45.94	\$95,552	\$21.88	\$45,507	\$32.28	\$67,141	\$44.49	\$92,548
11-1011	Chief Executives	360	\$57.27	\$119,126	\$26.89	\$55,930	\$72.46	\$150,724	\$34.15	\$71,023	\$52.89	\$110,009	\$72.88	\$151,586
11-1021	General and Operations Managers	1,570	\$37.11	\$77,180	\$18.76	\$39,027	\$46.28	\$96,257	\$21.95	\$45,651	\$31.97	\$66,494	\$44.80	\$93,176
11-1031	Legislators	90		\$34,860		\$16,920		\$43,831		\$17,557		\$22,364		\$43,233
11-2021	Marketing Managers	80	\$41.06	\$85,409	\$26.89	\$55,931	\$48.15	\$100,148	\$31.01	\$64,508	\$34.87	\$72,528	\$46.55	\$96,832
11-2022	Sales Managers	130	\$38.99	\$81,104	\$21.82	\$45,394	\$47.58	\$98,959	\$26.27	\$54,647	\$36.15	\$75,196	\$50.25	\$104,512
11-2031	Public Relations Managers	30	\$25.08	\$52,161	\$17.94	\$37,325	\$28.64	\$59,579	\$18.90	\$39,312	\$22.67	\$47,158	\$31.46	\$65,436
11-3011	Administrative Services Managers	140	\$25.36	\$52,759	\$14.43	\$30,010	\$30.83	\$64,133	\$16.59	\$34,506	\$21.91	\$45,568	\$33.51	\$69,695
11-3021	Computer and Information Systems Managers	80	\$38.06	\$79,172	\$25.39	\$52,806	\$44.40	\$92,354	\$28.13	\$58,519	\$37.39	\$77,778	\$44.92	\$93,430
11-3031	Financial Managers	260	\$34.99	\$72,787	\$21.32	\$44,350	\$41.83	\$87,006	\$24.65	\$51,268	\$32.90	\$68,430	\$42.78	\$88,975
11-3051	Industrial Production Managers	140	\$38.64	\$80,372	\$23.88	\$49,667	\$46.02	\$95,725	\$27.73	\$57,684	\$38.29	\$79,639	\$44.25	\$92,040
11-3061	Purchasing Managers	30	\$35.07	\$72,950	\$23.26	\$48,387	\$40.98	\$85,232	\$25.70	\$53,455	\$33.25	\$69,154	\$42.56	\$88,531
11-3071	Transportation, Storage, and Distribution Managers	20	\$33.44	\$69,549	\$22.79	\$47,401	\$38.76	\$80,623	\$27.42	\$57,030	\$33.51	\$69,696	\$40.37	\$83,974
11-3111	Compensation and Benefits Managers	30	\$29.45	\$61,259	\$19.15	\$39,836	\$34.60	\$71,971	\$21.35	\$44,399	\$26.29	\$54,688	\$35.32	\$73,464
11-3121	Human Resources Managers	40	\$32.10	\$66,776	\$22.58	\$46,959	\$36.87	\$76,685	\$24.12	\$50,169	\$31.60	\$65,729	\$38.66	\$80,422
11-3131	Training and Development Managers	20	\$31.15	\$64,791	\$20.45	\$42,544	\$36.50	\$75,914	\$22.14	\$46,053	\$28.45	\$59,180	\$40.24	\$83,695
11-9021	Construction Managers	50	\$41.51	\$86,332	\$28.99	\$60,309	\$47.76	\$99,344	\$32.01	\$66,590	\$40.12	\$83,459	\$49.93	\$103,849
11-9031	Education Administrators, Preschool and Child Care Ce	40	\$18.60	\$38,685	\$15.83	\$32,934	\$19.98	\$41,561	\$15.67	\$32,598	\$16.91	\$35,169	\$18.14	\$37,739
11-9032	Education Administrators, Elementary and Secondary E	220		\$68,424		\$51,369		\$76,951		\$57,346		\$66,910		\$75,207
11-9033	Education Administrators, Postsecondary		\$33.24	\$69,136	\$23.45	\$48,784	\$38.13	\$79,312	\$26.05	\$54,175	\$32.03	\$66,631	\$39.37	\$81,880
11-9039	Education Administrators, All Other		\$33.26	\$69,182	\$30.31	\$63,040	\$34.74	\$72,253	\$31.34	\$65,179	\$33.71	\$70,115	\$36.08	\$75,052
11-9041	Engineering Managers		\$69.00	\$143,521	\$43.47	\$90,413	\$81.77	\$170,075	\$48.82	\$101,542	\$62.77	\$130,557	\$82.50	\$171,590
11-9051	Food Service Managers	160	\$19.21	\$39,965	\$13.23	\$27,509	\$22.21	\$46,193	\$14.44	\$30,040	\$18.49	\$38,458	\$22.40	\$46,592
11-9071	Gaming Managers	30	\$28.76	\$59,817	\$18.88	\$39,262	\$33.70	\$70,094	\$21.37	\$44,456	\$26.34	\$54,790	\$34.02	\$70,768
11-9111	Medical and Health Services Managers	270	\$37.56	\$78,121	\$24.85	\$51,685	\$43.91	\$91,340	\$28.53	\$59,349	\$36.17	\$75,240	\$43.45	\$90,379
11-9121	Natural Sciences Managers		\$49.13	\$102,189	\$31.61	\$65,750	\$57.89	\$120,408	\$36.38	\$75,671	\$48.04	\$99,926	\$56.03	\$116,534
11-9131	Postmasters and Mail Superintendents	40	\$30.70	\$63,850	\$23.17	\$48,190	\$34.46	\$71,680	\$27.32	\$56,815	\$30.32	\$63,063	\$36.95	\$76,859
11-9141	Property, Real Estate, and Community Association Mar	150	\$21.63	\$44,993	\$11.62	\$24,173	\$26.64	\$55,404	\$13.93	\$28,978	\$16.42	\$34,144	\$18.51	\$38,505
11-9151	Social and Community Service Managers	50	\$26.52	\$55,155	\$15.79	\$32,848	\$31.88	\$66,308	\$17.01	\$35,381	\$20.57	\$42,784	\$29.10	\$60,518
11-9161	Emergency Management Directors	20	\$17.95	\$37,336	\$10.65	\$22,158	\$21.60	\$44,926	\$11.53	\$23,989	\$16.51	\$34,339	\$20.84	\$43,349
11-9199	Managers, All Other		\$44.05	\$91,633	\$29.01	\$60,347	\$51.57	\$107,276	\$32.48	\$67,559	\$43.95	\$91,407	\$57.78	\$120,179
13-0000	Business and Financial Operations Occupations	3,310	\$25.60	\$53,241	\$15.31	\$31,835	\$30.74	\$63,944	\$17.71	\$36,839	\$23.82	\$49,548	\$31.76	\$66,068
13-1022	Wholesale and Retail Buyers, Except Farm Products	20	\$21.34	\$44,379	\$12.67	\$26,358	\$25.67	\$53,390	\$13.49	\$28,062	\$18.38	\$38,225	\$27.93	\$58,101
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farr	170	\$22.75	\$47,324	\$14.85	\$30,898	\$26.70	\$55,537	\$16.97	\$35,300	\$22.14	\$46,053	\$28.02	\$58,292
13-1031	Claims Adjusters, Examiners, and Investigators	140	\$22.46	\$46,713	\$15.26	\$31,740	\$26.06	\$54,200	\$16.02	\$33,327	\$17.85	\$37,129	\$24.51	\$50,978
13-1041	Compliance Officers, Except Agriculture, Construction,	150	\$21.11	\$43,902	\$14.59	\$30,355	\$24.36	\$50,675	\$15.66	\$32,576	\$19.61	\$40,780	\$25.90	\$53,863
13-1051	Cost Estimators	110	\$25.00	\$51,995	\$15.61	\$32,474	\$29.69	\$61,755	\$17.56	\$36,517	\$24.04	\$49,999	\$32.06	\$66,678
13-1078	Human resources, labor relations, and training specialis	130	\$22.20	\$46,167	\$14.43	\$30,015	\$26.08	\$54,242	\$16.42	\$34,155	\$20.78	\$43,213	\$25.92	\$53,919
13-1081	Logisticians	20	\$24.94	\$51,869	\$17.84	\$37,100	\$28.49	\$59,253	\$19.02	\$39,565	\$23.47	\$48,812	\$30.09	\$62,585
13-1111	Management Analysts	140	\$26.66	\$55,461	\$17.21	\$35,800	\$31.39	\$65,292	\$19.30	\$40,153	\$24.32	\$50,595	\$34.00	\$70,729

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
13-1121	Meeting and Convention Planners	10	\$15.96	\$33,206	\$13.27	\$27,609	\$17.31	\$36,004	\$13.33	\$27,718	\$14.83	\$30,846	\$17.63	\$36,677
13-1141	Compensation, Benefits, and Job Analysis Specialists	60	\$24.24	\$50,419	\$13.38	\$27,828	\$29.67	\$61,714	\$15.15	\$31,507	\$22.85	\$47,523	\$28.72	\$59,738
13-1151	Training and Development Specialists	50	\$20.29	\$42,197	\$14.44	\$30,030	\$23.21	\$48,281	\$15.75	\$32,752	\$18.66	\$38,815	\$21.96	\$45,677
13-1161	Market Research Analysts	50	\$23.76	\$49,412	\$15.71	\$32,678	\$27.78	\$57,779	\$17.97	\$37,383	\$23.17	\$48,191	\$27.63	\$57,461
13-1199	Business Operations Specialists, All Other		\$30.80	\$64,060	\$22.00	\$45,765	\$35.20	\$73,208	\$24.06	\$50,036	\$28.08	\$58,410	\$36.85	\$76,652
13-2011	Accountants and Auditors	840	\$24.90	\$51,783	\$14.83	\$30,855	\$29.93	\$62,247	\$17.29	\$35,963	\$22.56	\$46,921	\$31.54	\$65,610
13-2021	Appraisers and Assessors of Real Estate		\$20.22	\$42,066	\$10.69	\$22,229	\$24.99	\$51,984	\$11.05	\$22,982	\$14.38	\$29,909	\$30.97	\$64,413
13-2031	Budget Analysts	20	\$26.48	\$55,080	\$16.79	\$34,913	\$31.33	\$65,163	\$18.43	\$38,334	\$25.46	\$52,960	\$34.68	\$72,136
13-2041	Credit Analysts	20	\$21.46	\$44,647	\$13.37	\$27,819	\$25.51	\$53,061	\$13.70	\$28,506	\$21.35	\$44,407	\$28.81	\$59,930
13-2051	Financial Analysts		\$28.90	\$60,103	\$20.70	\$43,064	\$32.99	\$68,623	\$22.48	\$46,755	\$26.94	\$56,036	\$34.70	\$72,171
13-2052	Personal Financial Advisors		\$39.17	\$81,473	\$21.52	\$44,755	\$48.00	\$99,832	\$29.80	\$61,988	\$36.33	\$75,562	\$54.93	\$114,260
13-2053	Insurance Underwriters		\$27.90	\$58,036	\$22.17	\$46,124	\$30.77	\$63,992	\$23.24	\$48,340	\$26.77	\$55,676	\$32.43	\$67,449
13-2061	Financial Examiners	10	\$28.45	\$59,178	\$19.06	\$39,652	\$33.14	\$68,941	\$20.10	\$41,814	\$23.25	\$48,358	\$37.95	\$78,934
13-2071	Loan Counselors	40	\$14.68	\$30,526	\$8.62	\$17,932	\$17.70	\$36,823	\$9.18	\$19,088	\$11.29	\$23,476	\$19.45	\$40,461
13-2072	Loan Officers	320	\$23.62	\$49,138	\$13.51	\$28,111	\$28.68	\$59,652	\$15.02	\$31,247	\$21.17	\$44,040	\$28.48	\$59,244
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	\$19.67	\$40,906	\$11.00	\$22,883	\$24.00	\$49,917	\$11.54	\$24,006	\$16.04	\$33,366	\$22.46	\$46,711
15-0000	Computer and Mathematical Occupations	850	\$25.92	\$53,923	\$13.81	\$28,732	\$31.98	\$66,518	\$16.00	\$33,288	\$22.46	\$46,716	\$33.90	\$70,509
15-1121	Computer Systems Analysts	60	\$30.39	\$63,221	\$15.79	\$32,851	\$37.70	\$78,406	\$17.79	\$37,008	\$31.25	\$64,998	\$40.69	\$84,644
15-1131	Computer Programmers	140	\$31.05	\$64,582	\$17.52	\$36,444	\$37.81	\$78,651	\$20.01	\$41,628	\$29.33	\$60,998	\$41.43	\$86,170
15-1132	Computer Software Engineers, Applications	50	\$34.44	\$71,628	\$18.91	\$39,337	\$42.20	\$87,773	\$21.73	\$45,192	\$31.50	\$65,527	\$45.39	\$94,403
15-1141	Database Administrators	30	\$27.20	\$56,575	\$15.47	\$32,168	\$33.07	\$68,778	\$19.74	\$41,058	\$25.21	\$52,442	\$36.85	\$76,639
15-1142	Network and Computer Systems Administrators	120	\$29.97	\$62,334	\$18.30	\$38,071	\$35.80	\$74,466	\$20.94	\$43,550	\$27.61	\$57,429	\$35.69	\$74,230
15-1150	Computer Support Specialists	310	\$17.36	\$36,105	\$11.40	\$23,713	\$20.34	\$42,300	\$12.67	\$26,362	\$16.09	\$33,465	\$20.65	\$42,956
15-1179	Information Security Analysts, Web Developers, and Cc	80	\$30.44	\$63,324	\$18.70	\$38,903	\$36.31	\$75,535	\$21.67	\$45,084	\$28.22	\$58,688	\$38.27	\$79,610
15-1799	Computer Occupations, All Other*		\$27.04	\$56,254	\$13.28	\$27,612	\$33.93	\$70,574	\$14.06	\$29,252	\$27.17	\$56,513	\$35.18	\$73,185
17-0000	Architecture and Engineering Occupations	1,180	\$34.03	\$70,787	\$20.12	\$41,847	\$40.99	\$85,256	\$23.88	\$49,679	\$31.49	\$65,500	\$41.04	\$85,366
17-1022	Surveyors	30	\$20.13	\$41,871	\$15.40	\$32,038	\$22.49	\$46,787	\$16.24	\$33,777	\$17.96	\$37,355	\$25.09	\$52,187
17-2041	Chemical Engineers	40	\$46.89	\$97,528	\$28.77	\$59,841	\$55.95	\$116,371	\$31.58	\$65,689	\$48.79	\$101,475	\$61.89	\$128,733
17-2051	Civil Engineers	90	\$30.16	\$62,732	\$20.90	\$43,475	\$34.79	\$72,360	\$22.95	\$47,734	\$27.33	\$56,850	\$36.93	\$76,813
17-2071	Electrical Engineers	60	\$38.07	\$79,196	\$27.45	\$57,103	\$43.39	\$90,242	\$31.64	\$65,814	\$40.32	\$83,873	\$44.18	\$91,903
17-2081	Environmental Engineers	30	\$37.13	\$77,228	\$20.77	\$43,195	\$45.31	\$94,244	\$24.17	\$50,283	\$36.42	\$75,758	\$44.98	\$93,549
17-2111	Health and Safety Engineers, Except Mining Safety Eng	10	\$26.87	\$55,888	\$19.60	\$40,770	\$30.50	\$63,447	\$22.62	\$47,042	\$26.14	\$54,366	\$29.24	\$60,827
17-2112	Industrial Engineers	110	\$36.38	\$75,664	\$24.68	\$51,334	\$42.23	\$87,829	\$27.25	\$56,685	\$34.45	\$71,653	\$44.53	\$92,626
17-2141	Mechanical Engineers	130	\$35.89	\$74,652	\$26.10	\$54,285	\$40.79	\$84,835	\$28.89	\$60,086	\$33.77	\$70,248	\$41.69	\$86,708
17-2171	Petroleum Engineers		\$52.10	\$108,370	\$30.54	\$63,514	\$62.88	\$130,798	\$32.56	\$67,730	\$48.03	\$99,899	\$70.93	\$147,544
17-2199	Engineers, All Other		\$36.51	\$75,944	\$17.09	\$35,550	\$46.22	\$96,142	\$16.88	\$35,100	\$39.16	\$81,445	\$49.61	\$103,191
17-3011	Architectural and Civil Drafters	20	\$21.13	\$43,952	\$15.71	\$32,672	\$23.84	\$49,592	\$16.56	\$34,441	\$20.08	\$41,773	\$25.75	\$53,550
17-3012	Electrical and Electronics Drafters	10	\$18.26	\$37,989	\$13.90	\$28,920	\$20.44	\$42,524	\$14.63	\$30,424	\$17.21	\$35,798	\$20.44	\$42,523
17-3013	Mechanical Drafters	110	\$22.70	\$47,219	\$16.40	\$34,114	\$25.85	\$53,771	\$17.76	\$36,944	\$21.21	\$44,116	\$27.76	\$57,735
17-3022	Civil Engineering Technicians	20	\$14.68	\$30,544	\$12.68	\$26,384	\$15.68	\$32,624	\$12.69	\$26,391	\$14.02	\$29,153	\$16.13	\$33,547
17-3023	Electrical and Electronic Engineering Technicians	30	\$25.91	\$53,894	\$15.02	\$31,242	\$31.36	\$65,219	\$17.86	\$37,148	\$28.65	\$59,595	\$33.16	\$68,967

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
17-3025	Environmental Engineering Technicians	10	\$18.42	\$38,308	\$13.40	\$27,871	\$20.93	\$43,526	\$14.80	\$30,794	\$17.88	\$37,201	\$22.49	\$46,769
17-3026	Industrial Engineering Technicians		\$31.02	\$64,530	\$24.28	\$50,511	\$34.39	\$71,540	\$27.21	\$56,588	\$31.32	\$65,144	\$34.69	\$72,159
17-3029	Engineering Technicians, Except Drafters, All Other		\$30.79	\$64,051	\$24.32	\$50,592	\$34.03	\$70,781	\$25.89	\$53,852	\$29.84	\$62,070	\$34.69	\$72,145
17-3031	Surveying and Mapping Technicians	10	\$15.21	\$31,644	\$12.61	\$26,238	\$16.51	\$34,347	\$12.90	\$26,831	\$14.52	\$30,204	\$16.80	\$34,944
19-0000	Life, Physical, and Social Science Occupations	620	\$35.22	\$73,264	\$15.03	\$31,255	\$45.32	\$94,269	\$17.77	\$36,964	\$26.07	\$54,217	\$44.62	\$92,818
19-1031	Conservation Scientists		\$20.12	\$41,848	\$13.40	\$27,875	\$23.48	\$48,835	\$13.66	\$28,415	\$18.64	\$38,780	\$23.47	\$48,809
19-1032	Foresters	10	\$25.22	\$52,454	\$22.00	\$45,770	\$26.82	\$55,796	\$23.04	\$47,932	\$25.48	\$52,995	\$27.73	\$57,686
19-2031	Chemists	70	\$42.61	\$88,637	\$25.94	\$53,964	\$50.95	\$105,974	\$31.25	\$64,999	\$43.42	\$90,310	\$54.33	\$113,013
19-2041	Environmental Scientists and Specialists, Including Health	30	\$37.69	\$78,386	\$14.53	\$30,225	\$49.26	\$102,466	\$15.51	\$32,266	\$21.19	\$44,075	\$60.09	\$124,992
19-2042	Geoscientists, Except Hydrologists and Geographers		\$75.51	\$157,068	\$45.56	\$94,772	\$90.49	\$188,216	\$53.81	\$111,930	\$67.96	\$141,353	\$88.97	\$185,047
19-3031	Clinical, Counseling, and School Psychologists	50	\$26.86	\$55,869	\$18.45	\$38,367	\$31.07	\$64,620	\$20.29	\$42,194	\$25.28	\$52,578	\$31.03	\$64,534
19-3093	Historians	10	\$22.35	\$46,494	\$14.76	\$30,697	\$26.15	\$54,393	\$16.75	\$34,849	\$19.53	\$40,622	\$22.30	\$46,390
19-4031	Chemical Technicians	70	\$19.04	\$39,603	\$12.42	\$25,831	\$22.35	\$46,489	\$13.93	\$28,979	\$17.55	\$36,512	\$24.10	\$50,130
19-4041	Geological and Petroleum Technicians	80	\$23.93	\$49,776	\$16.21	\$33,708	\$27.79	\$57,811	\$19.78	\$41,149	\$25.37	\$52,770	\$28.15	\$58,551
19-4091	Environmental Science and Protection Technicians, Including	50	\$17.13	\$35,635	\$10.27	\$21,372	\$20.56	\$42,766	\$11.03	\$22,938	\$14.52	\$30,198	\$23.74	\$49,382
19-4093	Forest and Conservation Technicians	10	\$19.41	\$40,374	\$13.87	\$28,845	\$22.18	\$46,139	\$15.05	\$31,307	\$19.59	\$40,746	\$22.44	\$46,681
21-0000	Community and Social Services Occupations	1,810	\$15.69	\$32,642	\$8.47	\$17,624	\$19.30	\$40,150	\$9.18	\$19,101	\$15.34	\$31,902	\$18.79	\$39,088
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	\$17.21	\$35,802	\$11.77	\$24,476	\$19.94	\$41,466	\$13.37	\$27,802	\$16.80	\$34,949	\$20.95	\$43,566
21-1012	Educational, Vocational, and School Counselors	350	\$18.98	\$39,479	\$14.50	\$30,159	\$21.22	\$44,139	\$15.76	\$32,790	\$17.61	\$36,622	\$21.39	\$44,491
21-1013	Marriage and Family Therapists	40	\$23.32	\$48,496	\$14.11	\$29,350	\$27.92	\$58,068	\$14.24	\$29,617	\$23.18	\$48,209	\$31.09	\$64,676
21-1014	Mental Health Counselors	60	\$20.02	\$41,650	\$14.63	\$30,433	\$22.72	\$47,258	\$15.85	\$32,961	\$19.32	\$40,177	\$21.55	\$44,833
21-1015	Rehabilitation Counselors	220	\$9.50	\$19,762	\$8.11	\$16,878	\$10.19	\$21,204	\$8.04	\$16,729	\$8.69	\$18,085	\$9.35	\$19,441
21-1021	Child, Family, and School Social Workers	300	\$16.37	\$34,057	\$12.85	\$26,735	\$18.13	\$37,719	\$14.87	\$30,936	\$16.58	\$34,495	\$18.30	\$38,059
21-1022	Medical and Public Health Social Workers		\$13.59	\$28,267	\$7.90	\$16,426	\$16.44	\$34,187	\$8.15	\$16,950	\$9.05	\$18,820	\$14.69	\$30,554
21-1023	Mental Health and Substance Abuse Social Workers		\$11.97	\$24,894	\$8.16	\$16,983	\$13.87	\$28,849	\$8.32	\$17,297	\$9.18	\$19,097	\$16.40	\$34,103
21-1029	Social Workers, All Other	40	\$19.46	\$40,480	\$12.99	\$27,011	\$22.70	\$47,214	\$13.98	\$29,086	\$18.74	\$38,983	\$22.09	\$45,938
21-1091	Health Educators	50	\$26.44	\$54,991	\$16.76	\$34,859	\$31.28	\$65,058	\$21.19	\$44,074	\$26.54	\$55,193	\$33.07	\$68,781
21-1092	Probation Officers and Correctional Treatment Specialists	30	\$19.63	\$40,821	\$15.05	\$31,300	\$21.91	\$45,582	\$16.94	\$35,244	\$19.87	\$41,320	\$22.42	\$46,641
21-1093	Social and Human Service Assistants	180	\$13.37	\$27,809	\$8.39	\$17,458	\$15.86	\$32,984	\$9.04	\$18,806	\$11.75	\$24,432	\$15.87	\$33,013
21-1798	Community and Social Service Specialists, All Other*	90	\$19.04	\$39,609	\$12.71	\$26,427	\$22.21	\$46,199	\$13.32	\$27,700	\$15.31	\$31,835	\$18.19	\$37,833
21-2011	Clergy	10	\$19.84	\$41,265	\$13.15	\$27,344	\$23.19	\$48,225	\$13.67	\$28,439	\$19.10	\$39,721	\$23.29	\$48,450
23-0000	Legal Occupations	410	\$27.63	\$57,462	\$14.83	\$30,845	\$34.02	\$70,771	\$16.39	\$34,092	\$22.73	\$47,274	\$33.61	\$69,903
23-1011	Lawyers	260	\$29.78	\$61,942	\$17.05	\$35,458	\$36.15	\$75,184	\$18.28	\$38,030	\$26.48	\$55,088	\$35.10	\$72,998
23-1023	Judges, Magistrate Judges, and Magistrates	30	\$52.56	\$109,325	\$33.97	\$70,663	\$61.85	\$128,656	\$48.89	\$101,692	\$58.77	\$122,252	\$65.95	\$137,182
23-2011	Paralegals and Legal Assistants	90	\$16.05	\$33,390	\$12.82	\$26,666	\$17.67	\$36,753	\$13.18	\$27,420	\$15.18	\$31,580	\$17.73	\$36,882
25-0000	Education, Training, and Library Occupations	6,120	\$16.92	\$35,202	\$9.18	\$19,096	\$20.80	\$43,256	\$9.51	\$19,771	\$17.56	\$36,531	\$21.22	\$44,143
25-1071	Health Specialties Teachers, Postsecondary	20		\$49,736		\$35,497		\$56,856		\$41,067		\$48,905		\$57,403
25-1072	Nursing Instructors and Teachers, Postsecondary	40		\$67,989		\$42,804		\$80,581		\$45,508		\$57,024		\$91,020
25-1194	Vocational Education Teachers, Postsecondary	100	\$18.42	\$38,309	\$11.61	\$24,153	\$21.82	\$45,387	\$13.23	\$27,510	\$19.54	\$40,633	\$21.95	\$45,665
25-2011	Preschool Teachers, Except Special Education	220	\$13.57	\$28,235	\$8.12	\$16,883	\$16.30	\$33,911	\$8.66	\$18,014	\$13.95	\$29,025	\$17.64	\$36,694
25-2012	Kindergarten Teachers, Except Special Education	170		\$38,287		\$32,996		\$40,933		\$33,942		\$37,573		\$43,101

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
25-2021	Elementary School Teachers, Except Special Educator	1,500		\$39,554		\$32,441		\$43,110		\$34,890		\$39,928		\$44,844
25-2022	Middle School Teachers, Except Special and Vocational	520		\$39,570		\$31,948		\$43,382		\$34,707		\$39,763		\$45,297
25-2023	Vocational Education Teachers, Middle School	10		\$43,026		\$37,384		\$45,848		\$39,154		\$43,099		\$47,050
25-2031	Secondary School Teachers, Except Special and Vocat	1,010		\$40,998		\$32,739		\$45,128		\$35,339		\$40,687		\$46,056
25-2032	Vocational Education Teachers, Secondary School	80		\$46,006		\$37,568		\$50,226		\$39,429		\$44,850		\$52,208
25-2041	Special Education Teachers, Preschool, Kindergarten, i	110		\$40,930		\$34,283		\$44,253		\$35,840		\$40,809		\$45,718
25-2053	Special Education Teachers, Middle School	70		\$41,805		\$34,650		\$45,383		\$36,388		\$41,623		\$46,579
25-2054	Special Education Teachers, Secondary School	90		\$42,948		\$34,167		\$47,338		\$37,424		\$43,012		\$47,991
25-3011	Adult Literacy, Remedial Education, and GED Teachers	50	\$23.60	\$49,092	\$18.48	\$38,442	\$26.16	\$54,417	\$20.25	\$42,121	\$23.56	\$49,015	\$27.45	\$57,103
25-3021	Self-Enrichment Education Teachers	60	\$18.42	\$38,320	\$15.79	\$32,833	\$19.74	\$41,064	\$16.46	\$34,235	\$18.41	\$38,283	\$21.10	\$43,896
25-3999	All Other Teachers, Primary, Secondary, and Adult	590		\$17,893		\$16,678		\$18,500		\$16,478		\$17,681		\$18,883
25-4021	Librarians	130	\$19.08	\$39,681	\$12.59	\$26,183	\$22.32	\$46,430	\$14.12	\$29,362	\$19.79	\$41,159	\$22.95	\$47,731
25-4031	Library Technicians	60	\$9.44	\$19,635	\$8.23	\$17,118	\$10.04	\$20,893	\$8.05	\$16,745	\$8.71	\$18,113	\$9.40	\$19,555
25-9031	Instructional Coordinators	40	\$25.07	\$52,139	\$18.05	\$37,536	\$28.58	\$59,441	\$19.19	\$39,909	\$23.01	\$47,864	\$29.63	\$61,635
25-9041	Teacher Assistants	950		\$18,515		\$17,039		\$19,254		\$16,710		\$18,031		\$19,353
25-9099	Education, Training, and Library Workers, All Other		\$12.63	\$26,279	\$8.39	\$17,453	\$14.76	\$30,692	\$8.69	\$18,072	\$10.60	\$22,045	\$16.92	\$35,198
27-0000	Arts, Design, Entertainment, Sports, and Media Occ	480	\$14.97	\$31,128	\$8.09	\$16,832	\$18.40	\$38,276	\$8.87	\$18,443	\$12.23	\$25,446	\$19.59	\$40,739
27-1023	Floral Designers	40	\$9.78	\$20,349	\$8.20	\$17,049	\$10.58	\$21,999	\$8.51	\$17,710	\$9.76	\$20,311	\$11.05	\$22,974
27-1024	Graphic Designers	30	\$17.07	\$35,511	\$10.47	\$21,778	\$20.37	\$42,377	\$11.07	\$23,032	\$15.94	\$33,156	\$21.63	\$44,990
27-2022	Coaches and Scouts	40		\$33,087		\$18,730		\$40,265		\$20,072		\$26,168		\$45,048
27-2041	Music Directors and Composers	40	\$20.15	\$41,908	\$16.73	\$34,806	\$21.86	\$45,459	\$17.60	\$36,603	\$20.06	\$41,733	\$22.43	\$46,664
27-3031	Public Relations Specialists	60	\$17.12	\$35,606	\$10.53	\$21,908	\$20.41	\$42,454	\$11.24	\$23,369	\$14.75	\$30,680	\$21.20	\$44,095
27-3041	Editors	20	\$16.50	\$34,321	\$10.49	\$21,821	\$19.51	\$40,571	\$13.05	\$27,140	\$17.16	\$35,693	\$20.79	\$43,247
27-3042	Technical Writers		\$30.20	\$62,812	\$19.00	\$39,511	\$35.80	\$74,463	\$21.23	\$44,155	\$27.53	\$57,270	\$34.24	\$71,221
27-3043	Writers and Authors	50	\$13.37	\$27,806	\$7.95	\$16,531	\$16.08	\$33,444	\$8.40	\$17,465	\$10.62	\$22,082	\$18.20	\$37,857
27-3091	Interpreters and Translators	100	\$8.46	\$17,601	\$7.90	\$16,429	\$8.74	\$18,187	\$7.81	\$16,249	\$8.37	\$17,416	\$8.93	\$18,582
29-0000	Healthcare Practitioners and Technical Occupations	4,950	\$31.88	\$66,301	\$13.38	\$27,827	\$41.12	\$85,539	\$15.84	\$32,952	\$23.00	\$47,846	\$34.29	\$71,328
29-1021	Dentists, General		\$86.32	\$179,538	\$61.86	\$128,665	\$98.55	\$204,974	\$74.21	\$154,347	\$83.40	\$173,475		
29-1031	Dietitians and Nutritionists	30	\$25.49	\$53,017	\$18.96	\$39,447	\$28.75	\$59,802	\$21.38	\$44,463	\$25.38	\$52,789	\$28.95	\$60,212
29-1041	Optometrists	50	\$48.63	\$101,152	\$29.12	\$60,572	\$58.39	\$121,441	\$33.84	\$70,389	\$48.32	\$100,507	\$56.19	\$116,881
29-1051	Pharmacists	200	\$50.64	\$105,326	\$42.55	\$88,504	\$54.68	\$113,736	\$48.14	\$100,123	\$52.54	\$109,291	\$56.87	\$118,280
29-1062	Family and General Practitioners	170	\$89.13	\$185,389	\$50.86	\$105,779	\$108.27	\$225,194	\$64.48	\$134,117	\$80.01	\$166,416		
29-1066	Psychiatrists	20	\$100.55	\$209,148					\$77.41	\$161,006				
29-1069	Physicians and Surgeons, All Other		\$113.12	\$235,280										
29-1071	Physician Assistants	40	\$38.91	\$80,943	\$26.65	\$55,432	\$45.05	\$93,698	\$32.34	\$67,269	\$40.49	\$84,215	\$47.28	\$98,334
29-1111	Registered Nurses	1,370	\$26.89	\$55,937	\$19.79	\$41,166	\$30.44	\$63,322	\$21.73	\$45,195	\$26.02	\$54,120	\$30.91	\$64,297
29-1122	Occupational Therapists	40	\$32.39	\$67,373	\$22.73	\$47,272	\$37.22	\$77,423	\$25.82	\$53,699	\$33.58	\$69,847	\$40.19	\$83,587
29-1123	Physical Therapists	110	\$36.21	\$75,322	\$26.83	\$55,807	\$40.90	\$85,080	\$29.36	\$61,071	\$34.84	\$72,465	\$42.08	\$87,517
29-1124	Radiation Therapists	20	\$35.04	\$72,879	\$24.57	\$51,112	\$40.27	\$83,763	\$27.98	\$58,202	\$34.99	\$72,787	\$42.60	\$88,606
29-1125	Recreational Therapists	40	\$20.74	\$43,136	\$14.35	\$29,840	\$23.93	\$49,784	\$16.25	\$33,794	\$21.37	\$44,448	\$25.30	\$52,615
29-1126	Respiratory Therapists	40	\$22.01	\$45,782	\$17.21	\$35,790	\$24.41	\$50,778	\$18.38	\$38,226	\$21.07	\$43,828	\$25.12	\$52,254

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
29-1127	Speech-Language Pathologists	70	\$29.13	\$60,590	\$18.86	\$39,225	\$34.27	\$71,273	\$20.64	\$42,939	\$24.76	\$51,504	\$32.38	\$67,355
29-1131	Veterinarians	50	\$53.47	\$111,207	\$37.76	\$78,546	\$61.32	\$127,538	\$45.74	\$95,130	\$57.53	\$119,664	\$66.61	\$138,539
29-2011	Medical and Clinical Laboratory Technologists	80	\$25.66	\$53,367	\$18.77	\$39,041	\$29.10	\$60,531	\$21.29	\$44,289	\$25.80	\$53,658	\$30.15	\$62,705
29-2012	Medical and Clinical Laboratory Technicians	80	\$17.34	\$36,059	\$10.97	\$22,821	\$20.52	\$42,678	\$11.99	\$24,933	\$16.88	\$35,117	\$21.42	\$44,544
29-2021	Dental Hygienists	230	\$33.90	\$70,511	\$25.74	\$53,535	\$37.98	\$78,998	\$30.22	\$62,854	\$34.71	\$72,187	\$40.40	\$84,029
29-2032	Diagnostic Medical Sonographers	10	\$24.15	\$50,237	\$17.08	\$35,532	\$27.69	\$57,589	\$22.79	\$47,406	\$25.94	\$53,951	\$28.53	\$59,336
29-2033	Nuclear Medicine Technologists	10	\$30.30	\$63,014	\$26.16	\$54,416	\$32.36	\$67,313	\$26.45	\$55,025	\$29.79	\$61,969	\$34.14	\$71,008
29-2037	Radiologic Technologists and Technicians*	120	\$24.64	\$51,247	\$19.17	\$39,868	\$27.37	\$56,936	\$21.06	\$43,807	\$24.20	\$50,338	\$28.20	\$58,651
29-2041	Emergency Medical Technicians and Paramedics	320	\$12.90	\$26,840	\$9.08	\$18,884	\$14.82	\$30,818	\$9.71	\$20,189	\$12.10	\$25,159	\$15.10	\$31,412
29-2051	Dietetic Technicians		\$10.28	\$21,387	\$8.29	\$17,250	\$11.28	\$23,456	\$8.10	\$16,850	\$8.78	\$18,260	\$9.48	\$19,722
29-2052	Pharmacy Technicians	280	\$12.83	\$26,682	\$10.00	\$20,794	\$14.24	\$29,626	\$10.45	\$21,726	\$11.81	\$24,563	\$14.36	\$29,862
29-2054	Respiratory Therapy Technicians	10	\$18.75	\$38,998	\$15.92	\$33,115	\$20.16	\$41,939	\$16.24	\$33,770	\$18.09	\$37,627	\$21.22	\$44,144
29-2055	Surgical Technologists	50	\$17.27	\$35,916	\$13.04	\$27,115	\$19.38	\$40,316	\$13.29	\$27,644	\$15.03	\$31,261	\$21.19	\$44,077
29-2061	Licensed Practical and Licensed Vocational Nurses	780	\$16.24	\$33,788	\$13.03	\$27,108	\$17.85	\$37,127	\$14.40	\$29,956	\$16.30	\$33,910	\$18.05	\$37,554
29-2071	Medical Records and Health Information Technicians	190	\$15.45	\$32,128	\$10.69	\$22,234	\$17.82	\$37,075	\$11.38	\$23,665	\$13.71	\$28,509	\$17.53	\$36,466
29-2081	Opticians, Dispensing		\$13.10	\$27,238	\$10.06	\$20,933	\$14.61	\$30,391	\$10.49	\$21,820	\$12.08	\$25,136	\$14.01	\$29,137
29-2799	Health Technologists and Technicians, All Other*	10	\$17.87	\$37,179	\$12.97	\$26,976	\$20.33	\$42,280	\$13.00	\$27,039	\$14.46	\$30,070	\$19.01	\$39,547
29-9011	Occupational Health and Safety Specialists	30	\$28.14	\$58,537	\$19.95	\$41,494	\$32.24	\$67,059	\$22.12	\$46,001	\$26.82	\$55,791	\$33.38	\$69,438
31-0000	Healthcare Support Occupations	3,170	\$12.06	\$25,087	\$8.33	\$17,328	\$13.93	\$28,967	\$9.02	\$18,754	\$10.83	\$22,521	\$14.36	\$29,862
31-1011	Home Health Aides	410	\$9.81	\$20,398	\$8.16	\$16,972	\$10.63	\$22,112	\$8.37	\$17,409	\$9.43	\$19,619	\$10.87	\$22,606
31-1012	Nursing Aides, Orderlies, and Attendants	1,570	\$11.14	\$23,179	\$8.14	\$16,926	\$12.65	\$26,306	\$8.73	\$18,166	\$10.20	\$21,210	\$12.05	\$25,070
31-1013	Psychiatric Aides	140	\$10.40	\$21,639	\$7.97	\$16,578	\$11.62	\$24,170	\$8.41	\$17,503	\$9.93	\$20,658	\$12.53	\$26,054
31-2011	Occupational Therapist Assistants	30	\$21.18	\$44,065	\$12.46	\$25,907	\$25.55	\$53,143	\$13.89	\$28,895	\$24.23	\$50,393	\$26.85	\$55,845
31-2021	Physical Therapist Assistants	80	\$24.26	\$50,470	\$18.12	\$37,690	\$27.34	\$56,859	\$20.79	\$43,251	\$24.82	\$51,631	\$28.30	\$58,867
31-2022	Physical Therapist Aides	20	\$11.38	\$23,672	\$9.18	\$19,087	\$12.48	\$25,965	\$9.76	\$20,298	\$10.95	\$22,784	\$12.92	\$26,868
31-9091	Dental Assistants	330	\$15.80	\$32,866	\$13.16	\$27,378	\$17.12	\$35,610	\$14.33	\$29,804	\$16.15	\$33,593	\$17.63	\$36,669
31-9092	Medical Assistants	250	\$12.59	\$26,190	\$10.45	\$21,744	\$13.66	\$28,412	\$10.56	\$21,966	\$11.77	\$24,484	\$14.23	\$29,597
31-9093	Medical Equipment Preparers	30	\$15.53	\$32,305	\$10.41	\$21,653	\$18.09	\$37,631	\$11.63	\$24,181	\$15.57	\$32,382	\$18.55	\$38,589
31-9094	Medical Transcriptionists	40	\$13.85	\$28,810	\$11.58	\$24,076	\$14.99	\$31,177	\$12.26	\$25,491	\$13.76	\$28,622	\$15.60	\$32,445
31-9096	Veterinary Assistants and Laboratory Animal Caretaker	190	\$10.00	\$20,797	\$8.25	\$17,156	\$10.87	\$22,618	\$8.21	\$17,077	\$9.07	\$18,872	\$12.22	\$25,422
31-9799	Healthcare Support Workers, All Other*	30	\$13.91	\$28,936	\$11.09	\$23,077	\$15.32	\$31,866	\$11.63	\$24,187	\$13.20	\$27,455	\$14.81	\$30,795
33-0000	Protective Service Occupations	2,580	\$14.99	\$31,187	\$8.95	\$18,609	\$18.02	\$37,476	\$9.81	\$20,398	\$12.90	\$26,838	\$17.58	\$36,568
33-1011	First-Line Supervisors/Managers of Correctional Officer	40	\$23.42	\$48,714	\$17.29	\$35,968	\$26.48	\$55,087	\$18.51	\$38,498	\$21.05	\$43,785	\$25.83	\$53,735
33-1012	First-Line Supervisors/Managers of Police and Detectiv	70	\$31.31	\$65,134	\$19.24	\$40,009	\$37.35	\$77,697	\$20.89	\$43,462	\$26.82	\$55,790	\$35.84	\$74,556
33-1021	First-Line Supervisors/Managers of Fire Fighting and Pi	50	\$28.88	\$60,067	\$22.65	\$47,107	\$31.99	\$66,547	\$24.61	\$51,182	\$27.81	\$57,841	\$32.98	\$68,589
33-1099	First-Line Supervisors/Managers, Protective Service W	20	\$31.89	\$66,330	\$14.93	\$31,052	\$40.37	\$83,968	\$18.20	\$37,846	\$20.87	\$43,400	\$23.31	\$48,491
33-2011	Fire Fighters	230	\$13.92	\$28,955	\$9.26	\$19,257	\$16.25	\$33,804	\$10.12	\$21,056	\$14.14	\$29,406	\$17.14	\$35,655
33-3012	Correctional Officers and Jailers	280	\$13.91	\$28,931	\$10.51	\$21,865	\$15.61	\$32,464	\$11.80	\$24,535	\$13.67	\$28,430	\$16.34	\$33,991
33-3021	Detectives and Criminal Investigators	90	\$24.67	\$51,315	\$15.48	\$32,208	\$29.26	\$60,869	\$17.09	\$35,540	\$23.16	\$48,183	\$29.87	\$62,124
33-3051	Police and Sheriff's Patrol Officers	650	\$15.67	\$32,598	\$10.31	\$21,452	\$18.35	\$38,171	\$11.05	\$22,987	\$14.05	\$29,227	\$18.23	\$37,928
33-9011	Animal Control Workers	30	\$11.22	\$23,331	\$8.58	\$17,853	\$12.53	\$26,070	\$9.14	\$19,022	\$10.45	\$21,739	\$12.55	\$26,099

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
33-9031	Gaming Surveillance Officers and Gaming Investigators	100	\$11.61	\$24,139	\$8.97	\$18,667	\$12.92	\$26,875	\$9.53	\$19,823	\$10.96	\$22,804	\$13.02	\$27,072
33-9032	Security Guards	840	\$11.53	\$23,976	\$8.06	\$16,763	\$13.26	\$27,583	\$8.60	\$17,886	\$10.32	\$21,468	\$12.91	\$26,859
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers		\$8.09	\$16,837	\$8.09	\$16,825	\$8.10	\$16,843	\$7.85	\$16,337	\$8.36	\$17,399	\$8.88	\$18,461
33-9099	Protective Service Workers, All Other	30	\$14.61	\$30,383	\$10.25	\$21,330	\$16.78	\$34,909	\$11.31	\$23,517	\$14.33	\$29,815	\$16.82	\$34,995
35-0000	Food Preparation and Serving-Related Occupations	7,920	\$8.92	\$18,553	\$8.10	\$16,852	\$9.33	\$19,403	\$7.99	\$16,629	\$8.66	\$18,005	\$9.33	\$19,410
35-1011	Chefs and Head Cooks		\$12.11	\$25,188	\$10.31	\$21,446	\$13.01	\$27,059	\$10.05	\$20,898	\$10.84	\$22,555	\$12.65	\$26,308
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	550	\$11.69	\$24,322	\$9.46	\$19,679	\$12.81	\$26,644	\$9.87	\$20,539	\$11.03	\$22,942	\$13.05	\$27,144
35-2011	Cooks, Fast Food		\$8.70	\$18,103	\$8.08	\$16,813	\$9.01	\$18,749	\$8.01	\$16,662	\$8.70	\$18,090	\$9.48	\$19,711
35-2012	Cooks, Institution and Cafeteria	770	\$9.17	\$19,079	\$8.09	\$16,831	\$9.71	\$20,203	\$8.05	\$16,744	\$8.77	\$18,232	\$9.86	\$20,499
35-2014	Cooks, Restaurant	1,200	\$8.94	\$18,604	\$8.17	\$16,985	\$9.33	\$19,414	\$8.04	\$16,722	\$8.72	\$18,143	\$9.42	\$19,602
35-2015	Cooks, Short Order		\$9.89	\$20,564	\$8.84	\$18,386	\$10.41	\$21,652	\$9.38	\$19,521	\$10.14	\$21,097	\$10.87	\$22,614
35-2021	Food Preparation Workers	210	\$8.98	\$18,670	\$8.06	\$16,773	\$9.43	\$19,618	\$8.13	\$16,919	\$8.96	\$18,629	\$10.05	\$20,910
35-3011	Bartenders	210	\$9.89	\$20,562	\$8.06	\$16,764	\$10.80	\$22,462	\$8.08	\$16,804	\$8.84	\$18,394	\$10.86	\$22,592
35-3021	Combined Food Preparation and Serving Workers, Including Short-Order Cooks	980	\$8.66	\$18,010	\$8.15	\$16,950	\$8.91	\$18,540	\$7.94	\$16,505	\$8.53	\$17,752	\$9.13	\$18,999
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop		\$8.13	\$16,907	\$7.95	\$16,532	\$8.22	\$17,095	\$7.82	\$16,265	\$8.36	\$17,388	\$8.90	\$18,511
35-3031	Waiters and Waitresses	1,600	\$8.35	\$17,374	\$8.09	\$16,834	\$8.48	\$17,644	\$7.90	\$16,424	\$8.45	\$17,576	\$9.00	\$18,729
35-3041	Food Servers, Nonrestaurant	180	\$9.04	\$18,793	\$8.13	\$16,910	\$9.49	\$19,735	\$8.06	\$16,764	\$8.78	\$18,254	\$9.76	\$20,297
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	190	\$8.48	\$17,646	\$8.22	\$17,102	\$8.61	\$17,918	\$7.92	\$16,465	\$8.48	\$17,646	\$9.05	\$18,827
35-9021	Dishwashers	720	\$8.15	\$16,942	\$8.13	\$16,907	\$8.15	\$16,960	\$7.86	\$16,340	\$8.37	\$17,412	\$8.89	\$18,485
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	70	\$8.86	\$18,430	\$8.09	\$16,821	\$9.25	\$19,235	\$7.94	\$16,512	\$8.55	\$17,778	\$9.16	\$19,043
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,970	\$10.20	\$21,222	\$8.11	\$16,859	\$11.25	\$23,404	\$8.21	\$17,084	\$9.10	\$18,922	\$11.02	\$22,929
37-1011	First-Line Supervisors/Managers of Housekeeping and Cleaning Workers	170	\$15.65	\$32,555	\$9.93	\$20,646	\$18.51	\$38,510	\$10.91	\$22,687	\$15.01	\$31,217	\$18.63	\$38,761
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Services, and Grounds Maintenance Workers	60	\$22.85	\$47,527	\$13.57	\$28,219	\$27.49	\$57,181	\$16.12	\$33,522	\$23.65	\$49,196	\$30.46	\$63,364
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,500	\$9.78	\$20,341	\$8.13	\$16,908	\$10.60	\$22,058	\$8.29	\$17,244	\$9.24	\$19,223	\$10.80	\$22,462
37-2012	Maids and Housekeeping Cleaners	830	\$8.42	\$17,510	\$8.07	\$16,778	\$8.59	\$17,876	\$7.90	\$16,429	\$8.48	\$17,634	\$9.06	\$18,838
37-3011	Landscaping and Groundskeeping Workers	300	\$11.09	\$23,065	\$8.15	\$16,961	\$12.56	\$26,118	\$8.55	\$17,781	\$10.34	\$21,507	\$13.32	\$27,710
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation and Animal Control	50	\$13.96	\$29,033	\$12.24	\$25,461	\$14.82	\$30,819	\$12.37	\$25,723	\$13.60	\$28,295	\$15.44	\$32,125
37-3013	Tree Trimmers and Pruners	10	\$17.75	\$36,916	\$12.49	\$25,971	\$20.38	\$42,388	\$13.47	\$28,022	\$18.23	\$37,910	\$21.64	\$45,012
37-3019	Grounds Maintenance Workers, All Other	50	\$9.25	\$19,237	\$8.07	\$16,794	\$9.84	\$20,458	\$7.97	\$16,568	\$8.58	\$17,851	\$9.20	\$19,133
39-0000	Personal Care and Service Occupations	2,550	\$11.34	\$23,583	\$8.11	\$16,879	\$12.95	\$26,935	\$8.16	\$16,963	\$8.99	\$18,692	\$12.68	\$26,378
39-1011	Gaming Supervisors	120	\$19.68	\$40,926	\$14.77	\$30,729	\$22.13	\$46,025	\$16.05	\$33,379	\$18.50	\$38,480	\$23.66	\$49,209
39-1012	Slot Key Persons		\$13.03	\$27,102	\$8.23	\$17,125	\$15.43	\$32,090	\$8.84	\$18,385	\$11.21	\$23,313	\$16.33	\$33,975
39-1021	First-Line Supervisors/Managers of Personal Service Workers	40	\$13.94	\$28,988	\$8.36	\$17,379	\$16.73	\$34,792	\$8.64	\$17,965	\$11.83	\$24,613	\$14.19	\$29,515
39-2021	Nonfarm Animal Caretakers		\$8.90	\$18,519	\$8.39	\$17,456	\$9.16	\$19,050	\$8.05	\$16,747	\$8.73	\$18,159	\$9.41	\$19,571
39-3011	Gaming Dealers		\$13.97	\$29,059	\$8.06	\$16,764	\$16.93	\$35,207	\$8.25	\$17,166	\$9.20	\$19,139	\$17.63	\$36,679
39-3031	Ushers, Lobby Attendants, and Ticket Takers	10	\$8.53	\$17,735	\$8.12	\$16,883	\$8.73	\$18,161	\$7.99	\$16,611	\$8.61	\$17,904	\$9.23	\$19,197
39-3091	Amusement and Recreation Attendants	40	\$8.37	\$17,400	\$8.16	\$16,969	\$8.47	\$17,615	\$7.89	\$16,410	\$8.46	\$17,593	\$9.03	\$18,776
39-4011	Embalmers	20	\$18.95	\$39,413	\$16.52	\$34,367	\$20.16	\$41,937	\$17.19	\$35,758	\$19.25	\$40,032	\$21.11	\$43,899
39-4021	Funeral Attendants	60	\$12.92	\$26,883	\$10.72	\$22,308	\$14.02	\$29,170	\$11.81	\$24,561	\$13.08	\$27,209	\$14.36	\$29,867
39-4831	Funeral service managers, directors, morticians, and undertakers	30	\$32.80	\$68,221	\$21.74	\$45,218	\$38.33	\$79,723	\$22.86	\$47,551	\$36.43	\$75,773	\$40.97	\$85,228
39-5012	Hairdressers, Hairstylists, and Cosmetologists		\$10.57	\$21,994	\$8.28	\$17,221	\$11.72	\$24,380	\$8.60	\$17,889	\$10.04	\$20,886	\$12.01	\$24,990

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean Hourly Wage	Mean Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	25th Percentile	25th Percentile	Median	Median	75th Percentile	75th Percentile
									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
39-9011	Child Care Workers	520	\$9.01	\$18,744	\$8.30	\$17,265	\$9.37	\$19,483	\$8.00	\$16,642	\$8.63	\$17,959	\$9.27	\$19,275
39-9021	Personal and Home Care Aides	650	\$8.90	\$18,521	\$7.96	\$16,560	\$9.38	\$19,501	\$7.90	\$16,428	\$8.51	\$17,707	\$9.13	\$18,987
39-9031	Fitness Trainers and Aerobics Instructors	120	\$10.60	\$22,052	\$8.14	\$16,927	\$11.83	\$24,615	\$8.11	\$16,879	\$8.89	\$18,500	\$11.65	\$24,225
39-9032	Recreation Workers	180	\$11.06	\$22,997	\$8.17	\$16,987	\$12.50	\$26,002	\$8.37	\$17,410	\$9.37	\$19,487	\$13.06	\$27,166
39-9041	Residential Advisors		\$11.67	\$24,280	\$9.87	\$20,522	\$12.58	\$26,160	\$10.14	\$21,091	\$11.06	\$23,004	\$12.26	\$25,502
41-0000	Sales and Related Occupations	8,560	\$13.36	\$27,793	\$8.17	\$16,991	\$15.96	\$33,193	\$8.54	\$17,758	\$10.12	\$21,056	\$14.56	\$30,278
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,050	\$16.85	\$35,045	\$10.52	\$21,887	\$20.01	\$41,623	\$11.45	\$23,812	\$14.84	\$30,875	\$18.78	\$39,059
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	60	\$34.60	\$71,974	\$19.80	\$41,177	\$42.01	\$87,373	\$24.33	\$50,607	\$30.04	\$62,487	\$41.17	\$85,628
41-2011	Cashiers	2,290	\$8.95	\$18,620	\$8.12	\$16,896	\$9.37	\$19,482	\$8.07	\$16,782	\$8.76	\$18,215	\$9.56	\$19,890
41-2012	Gaming Change Persons and Booth Cashiers	120	\$18.05	\$37,535	\$10.20	\$21,219	\$21.97	\$45,692	\$11.18	\$23,252	\$13.79	\$28,693	\$18.97	\$39,459
41-2021	Counter and Rental Clerks	310	\$11.37	\$23,652	\$8.07	\$16,779	\$13.02	\$27,088	\$8.19	\$17,037	\$9.02	\$18,770	\$12.85	\$26,730
41-2022	Parts Salespersons		\$15.81	\$32,893	\$10.18	\$21,179	\$18.63	\$38,750	\$10.93	\$22,726	\$13.55	\$28,192	\$19.73	\$41,044
41-2031	Retail Salespersons	2,980	\$10.81	\$22,476	\$8.21	\$17,080	\$12.10	\$25,173	\$8.30	\$17,260	\$9.19	\$19,107	\$11.52	\$23,960
41-3011	Advertising Sales Agents	50	\$13.08	\$27,213	\$8.83	\$18,367	\$15.21	\$31,636	\$9.52	\$19,810	\$11.63	\$24,185	\$16.14	\$33,565
41-3021	Insurance Sales Agents	40	\$22.17	\$46,110	\$11.29	\$23,482	\$27.61	\$57,425	\$13.36	\$27,794	\$20.21	\$42,042	\$28.65	\$59,583
41-3031	Securities, Commodities, and Financial Services Sales Agents		\$35.98	\$74,848	\$17.09	\$35,546	\$45.43	\$94,499	\$19.04	\$39,600	\$27.38	\$56,941	\$44.18	\$91,904
41-3041	Travel Agents	20	\$17.25	\$35,884	\$14.56	\$30,290	\$18.60	\$38,680	\$15.39	\$32,010	\$16.80	\$34,943	\$18.21	\$37,876
41-3099	Sales Representatives, Services, All Other	80	\$23.38	\$48,627	\$15.91	\$33,086	\$27.11	\$56,397	\$19.07	\$39,663	\$22.15	\$46,076	\$27.12	\$56,419
41-4011	Sales Representatives, Wholesale and Manufacturing, Except Durables Goods	210	\$27.16	\$56,489	\$12.11	\$25,185	\$34.68	\$72,141	\$15.23	\$31,674	\$25.73	\$53,508	\$36.37	\$75,647
41-4012	Sales Representatives, Wholesale and Manufacturing, Limited to Durable Goods	680	\$19.95	\$41,493	\$11.43	\$23,774	\$24.21	\$50,353	\$13.06	\$27,173	\$16.81	\$34,959	\$23.13	\$48,112
41-9022	Real Estate Sales Agents		\$20.05	\$41,699	\$13.36	\$27,795	\$23.39	\$48,652	\$15.39	\$32,007	\$17.42	\$36,236	\$23.98	\$49,881
41-9041	Telemarketers		\$14.92	\$31,026	\$10.28	\$21,389	\$17.23	\$35,844	\$10.17	\$21,146	\$11.02	\$22,930	\$12.98	\$26,994
41-9799	Sales and Related Workers, All Other*	170	\$17.05	\$35,470	\$9.15	\$19,025	\$21.01	\$43,693	\$10.38	\$21,598	\$14.28	\$29,698	\$21.59	\$44,912
43-0000	Office and Administrative Support Occupations	13,560	\$13.45	\$27,984	\$8.76	\$18,223	\$15.80	\$32,864	\$9.46	\$19,685	\$12.21	\$25,388	\$15.93	\$33,127
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	780	\$21.09	\$43,871	\$12.87	\$26,770	\$25.20	\$52,422	\$14.19	\$29,521	\$18.95	\$39,413	\$26.55	\$55,234
43-2011	Switchboard Operators, Including Answering Service	90	\$12.13	\$25,224	\$8.47	\$17,610	\$13.96	\$29,032	\$9.13	\$18,993	\$11.07	\$23,018	\$14.74	\$30,659
43-3011	Bill and Account Collectors	120	\$17.13	\$35,631	\$11.35	\$23,611	\$20.02	\$41,640	\$12.96	\$26,957	\$16.61	\$34,556	\$21.07	\$43,835
43-3021	Billing and Posting Clerks and Machine Operators	230	\$13.21	\$27,486	\$9.86	\$20,514	\$14.89	\$30,973	\$10.69	\$22,228	\$12.55	\$26,112	\$14.31	\$29,770
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,750	\$13.26	\$27,576	\$9.34	\$19,420	\$15.22	\$31,654	\$10.24	\$21,299	\$12.57	\$26,135	\$15.38	\$31,987
43-3041	Gaming Cage Workers	210	\$10.06	\$20,921	\$8.07	\$16,785	\$11.05	\$22,989	\$8.26	\$17,189	\$9.15	\$19,038	\$11.07	\$23,022
43-3051	Payroll and Timekeeping Clerks	170	\$15.62	\$32,489	\$10.37	\$21,562	\$18.25	\$37,952	\$12.05	\$25,057	\$15.17	\$31,551	\$19.21	\$39,952
43-3061	Procurement Clerks	50	\$16.86	\$35,076	\$12.32	\$25,619	\$19.14	\$39,804	\$13.39	\$27,854	\$16.66	\$34,660	\$19.89	\$41,379
43-3071	Tellers	510	\$10.17	\$21,146	\$8.24	\$17,149	\$11.13	\$23,144	\$8.64	\$17,981	\$9.93	\$20,661	\$11.41	\$23,734
43-4011	Brokerage Clerks	20	\$15.63	\$32,500	\$11.01	\$22,909	\$17.93	\$37,296	\$11.53	\$23,993	\$15.41	\$32,056	\$17.38	\$36,158
43-4031	Court, Municipal, and License Clerks	120	\$14.71	\$30,598	\$11.03	\$22,939	\$16.55	\$34,428	\$12.33	\$25,653	\$14.45	\$30,058	\$17.09	\$35,550
43-4041	Credit Authorizers, Checkers, and Clerks		\$13.10	\$27,240	\$10.59	\$22,037	\$14.35	\$29,842	\$11.13	\$23,160	\$12.84	\$26,702	\$14.78	\$30,746
43-4051	Customer Service Representatives	990	\$11.68	\$24,298	\$8.24	\$17,132	\$13.40	\$27,881	\$8.66	\$18,010	\$10.29	\$21,413	\$13.55	\$28,177
43-4061	Eligibility Interviewers, Government Programs	60	\$17.89	\$37,203	\$13.28	\$27,624	\$20.19	\$41,992	\$14.25	\$29,630	\$17.33	\$36,047	\$21.19	\$44,073
43-4071	File Clerks		\$11.43	\$23,775	\$8.79	\$18,285	\$12.75	\$26,521	\$9.48	\$19,721	\$10.88	\$22,634	\$13.36	\$27,784
43-4081	Hotel, Motel, and Resort Desk Clerks	140	\$8.26	\$17,180	\$8.10	\$16,838	\$8.34	\$17,351	\$7.91	\$16,444	\$8.45	\$17,569	\$8.99	\$18,693
43-4111	Interviewers, Except Eligibility and Loan	50	\$14.34	\$29,827	\$8.75	\$18,196	\$17.14	\$35,643	\$9.38	\$19,501	\$12.38	\$25,743	\$14.78	\$30,742

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
43-4121	Library Assistants, Clerical	60	\$9.90	\$20,586	\$8.28	\$17,222	\$10.71	\$22,267	\$8.29	\$17,239	\$9.15	\$19,042	\$11.41	\$23,733
43-4131	Loan Interviewers and Clerks	60	\$14.07	\$29,262	\$11.16	\$23,217	\$15.52	\$32,284	\$11.69	\$24,312	\$13.40	\$27,862	\$15.79	\$32,836
43-4141	New Accounts Clerks	90	\$12.31	\$25,595	\$10.40	\$21,627	\$13.26	\$27,580	\$10.82	\$22,499	\$12.34	\$25,672	\$13.75	\$28,602
43-4151	Order Clerks	40	\$13.69	\$28,473	\$8.86	\$18,420	\$16.11	\$33,499	\$9.77	\$20,315	\$13.90	\$28,917	\$17.08	\$35,519
43-4161	Human Resources Assistants, Except Payroll and Time	70	\$15.14	\$31,493	\$11.91	\$24,780	\$16.75	\$34,850	\$12.81	\$26,635	\$15.26	\$31,732	\$17.37	\$36,140
43-4171	Receptionists and Information Clerks	600	\$11.08	\$23,055	\$8.40	\$17,462	\$12.43	\$25,852	\$9.03	\$18,781	\$10.75	\$22,364	\$13.04	\$27,127
43-4199	Information and Record Clerks, All Other		\$18.46	\$38,388	\$14.91	\$31,004	\$20.23	\$42,079	\$15.58	\$32,410	\$17.73	\$36,874	\$20.82	\$43,311
43-5021	Couriers and Messengers	90	\$13.37	\$27,817	\$8.56	\$17,813	\$15.78	\$32,819	\$9.27	\$19,281	\$15.20	\$31,619	\$16.82	\$34,990
43-5031	Police, Fire, and Ambulance Dispatchers	200	\$12.48	\$25,962	\$8.41	\$17,501	\$14.52	\$30,192	\$9.09	\$18,902	\$11.92	\$24,796	\$14.34	\$29,833
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	\$13.71	\$28,516	\$8.35	\$17,372	\$16.39	\$34,088	\$8.77	\$18,238	\$15.34	\$31,897	\$17.58	\$36,569
43-5041	Meter Readers, Utilities	70	\$11.40	\$23,710	\$9.45	\$19,656	\$12.37	\$25,737	\$9.84	\$20,466	\$10.98	\$22,839	\$13.07	\$27,185
43-5051	Postal Service Clerks	40	\$25.05	\$52,108	\$23.35	\$48,558	\$25.91	\$53,883	\$24.31	\$50,573	\$25.52	\$53,090	\$26.11	\$54,298
43-5052	Postal Service Mail Carriers	230	\$23.30	\$48,462	\$18.42	\$38,314	\$25.74	\$53,536	\$19.46	\$40,469	\$23.84	\$49,577	\$26.70	\$55,534
43-5053	Postal Service Mail Sorters, Processors, and Processin	30	\$16.82	\$34,976	\$10.41	\$21,645	\$20.02	\$41,642	\$10.56	\$21,963	\$12.85	\$26,723	\$25.53	\$53,095
43-5061	Production, Planning, and Expediting Clerks		\$17.78	\$36,978	\$10.46	\$21,756	\$21.44	\$44,589	\$11.89	\$24,731	\$16.74	\$34,823	\$22.64	\$47,097
43-5071	Shipping, Receiving, and Traffic Clerks	350	\$13.98	\$29,078	\$10.11	\$21,033	\$15.91	\$33,101	\$10.92	\$22,721	\$13.26	\$27,589	\$16.62	\$34,573
43-5081	Stock Clerks and Order Fillers	650	\$11.05	\$22,992	\$8.19	\$17,026	\$12.49	\$25,975	\$8.54	\$17,754	\$9.84	\$20,473	\$12.27	\$25,525
43-6011	Executive Secretaries and Administrative Assistants	520	\$16.64	\$34,616	\$12.17	\$25,319	\$18.88	\$39,265	\$12.89	\$26,804	\$15.29	\$31,798	\$19.42	\$40,384
43-6012	Legal Secretaries		\$13.10	\$27,243	\$10.63	\$22,103	\$14.33	\$29,813	\$10.89	\$22,662	\$12.56	\$26,118	\$14.90	\$30,987
43-6013	Medical Secretaries	250	\$13.98	\$29,088	\$10.01	\$20,827	\$15.97	\$33,219	\$10.86	\$22,597	\$12.99	\$27,012	\$16.76	\$34,865
43-6014	Secretaries, Except Legal, Medical, and Executive	1,620	\$12.40	\$25,792	\$8.50	\$17,685	\$14.35	\$29,845	\$9.17	\$19,083	\$11.88	\$24,706	\$14.72	\$30,620
43-9011	Computer Operators	30	\$18.21	\$37,881	\$8.23	\$17,112	\$23.20	\$48,266	\$8.99	\$18,707	\$16.17	\$33,636	\$20.30	\$42,224
43-9021	Data Entry Keyers	100	\$12.82	\$26,663	\$9.50	\$19,760	\$14.48	\$30,114	\$10.39	\$21,607	\$12.49	\$25,974	\$14.47	\$30,106
43-9041	Insurance Claims and Policy Processing Clerks		\$18.12	\$37,681	\$15.55	\$32,343	\$19.40	\$40,351	\$15.84	\$32,949	\$17.36	\$36,107	\$19.26	\$40,053
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	40	\$10.41	\$21,643	\$8.19	\$17,033	\$11.51	\$23,948	\$8.54	\$17,756	\$9.65	\$20,069	\$11.53	\$23,985
43-9061	Office Clerks, General	2,030	\$11.59	\$24,101	\$8.15	\$16,962	\$13.30	\$27,670	\$8.80	\$18,296	\$10.58	\$22,017	\$13.67	\$28,425
43-9071	Office Machine Operators, Except Computer	20	\$14.29	\$29,732	\$9.05	\$18,821	\$16.92	\$35,187	\$10.25	\$21,320	\$13.87	\$28,853	\$18.77	\$39,034
43-9799	Office and Administrative Support Workers, All Other*	170	\$11.24	\$23,371	\$7.99	\$16,610	\$12.86	\$26,751	\$8.33	\$17,328	\$9.34	\$19,417	\$13.43	\$27,937
45-0000	Farming, Fishing, and Forestry Occupations	290	\$11.80	\$24,546	\$8.04	\$16,732	\$13.68	\$28,454	\$8.83	\$18,364	\$11.17	\$23,229	\$13.51	\$28,111
45-1011	First-Line Supervisors/Managers of Farming, Fishing, a	10	\$22.52	\$46,835	\$12.56	\$26,131	\$27.49	\$57,187	\$14.22	\$29,579	\$21.77	\$45,279	\$28.25	\$58,753
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenf	120	\$10.60	\$22,056	\$7.98	\$16,608	\$11.91	\$24,780	\$8.69	\$18,069	\$10.55	\$21,952	\$12.64	\$26,283
45-2093	Farmworkers, Farm and Ranch Animals	100	\$10.13	\$21,062	\$8.10	\$16,842	\$11.14	\$23,171	\$8.39	\$17,456	\$9.40	\$19,544	\$12.35	\$25,698
47-0000	Construction and Extraction Occupations	3,990	\$17.01	\$35,389	\$11.25	\$23,409	\$19.89	\$41,379	\$12.57	\$26,145	\$15.84	\$32,940	\$20.38	\$42,388
47-1011	First-Line Supervisors/Managers of Construction Trade:	400	\$24.92	\$51,840	\$17.54	\$36,481	\$28.62	\$59,520	\$19.38	\$40,315	\$23.87	\$49,657	\$28.29	\$58,841
47-2011	Boilermakers	110	\$16.18	\$33,646	\$14.03	\$29,191	\$17.25	\$35,873	\$14.75	\$30,671	\$16.24	\$33,773	\$17.70	\$36,809
47-2021	Brickmasons and Blockmasons	70	\$16.70	\$34,738	\$12.93	\$26,885	\$18.59	\$38,665	\$13.60	\$28,285	\$16.05	\$33,384	\$19.34	\$40,230
47-2031	Carpenters	380	\$15.99	\$33,260	\$10.87	\$22,619	\$18.55	\$38,580	\$12.55	\$26,112	\$15.95	\$33,167	\$18.73	\$38,959
47-2051	Cement Masons and Concrete Finishers	130	\$15.44	\$32,120	\$11.31	\$23,522	\$17.51	\$36,419	\$12.94	\$26,921	\$16.04	\$33,372	\$17.91	\$37,249
47-2061	Construction Laborers	480	\$13.50	\$28,088	\$10.18	\$21,172	\$15.17	\$31,546	\$11.28	\$23,462	\$13.38	\$27,826	\$15.66	\$32,581
47-2071	Paving, Surfacing, and Tamping Equipment Operators	170	\$14.76	\$30,692	\$12.33	\$25,648	\$15.97	\$33,214	\$12.58	\$26,171	\$14.09	\$29,317	\$16.36	\$34,024
47-2073	Operating Engineers and Other Construction Equipmen	370	\$16.94	\$35,236	\$13.14	\$27,336	\$18.84	\$39,186	\$14.17	\$29,478	\$16.64	\$34,621	\$19.27	\$40,080

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
47-2111	Electricians	220	\$24.19	\$50,308	\$18.68	\$38,845	\$26.94	\$56,040	\$20.36	\$42,352	\$24.40	\$50,754	\$27.62	\$57,459
47-2131	Insulation Workers, Floor, Ceiling, and Wall		\$11.39	\$23,693	\$8.37	\$17,415	\$12.90	\$26,831	\$8.12	\$16,890	\$8.85	\$18,409	\$10.24	\$21,290
47-2141	Painters, Construction and Maintenance	50	\$13.74	\$28,570	\$10.93	\$22,731	\$15.14	\$31,489	\$12.30	\$25,581	\$13.83	\$28,763	\$15.89	\$33,046
47-2151	Pipelayers	100	\$14.93	\$31,057	\$11.27	\$23,438	\$16.76	\$34,866	\$11.87	\$24,698	\$13.60	\$28,280	\$18.70	\$38,897
47-2152	Plumbers, Pipefitters, and Steamfitters	250	\$17.66	\$36,730	\$12.30	\$25,592	\$20.34	\$42,299	\$13.44	\$27,952	\$17.42	\$36,240	\$21.08	\$43,846
47-2181	Roofers		\$9.72	\$20,218	\$8.06	\$16,759	\$10.55	\$21,948	\$8.25	\$17,158	\$9.15	\$19,023	\$11.36	\$23,638
47-2211	Sheet Metal Workers	60	\$17.66	\$36,733	\$12.52	\$26,049	\$20.23	\$42,074	\$12.93	\$26,899	\$14.65	\$30,462	\$22.00	\$45,763
47-2221	Structural Iron and Steel Workers	170	\$18.48	\$38,428	\$10.84	\$22,551	\$22.29	\$46,367	\$11.61	\$24,148	\$18.01	\$37,468	\$24.67	\$51,309
47-3012	Helpers--Carpenters		\$11.99	\$24,937	\$9.29	\$19,332	\$13.34	\$27,739	\$9.85	\$20,496	\$11.16	\$23,218	\$13.55	\$28,185
47-3013	Helpers--Electricians	90	\$18.44	\$38,354	\$11.25	\$23,392	\$22.04	\$45,836	\$12.10	\$25,167	\$16.89	\$35,125	\$25.41	\$52,844
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters		\$12.19	\$25,361	\$9.44	\$19,629	\$13.57	\$28,227	\$10.24	\$21,307	\$12.16	\$25,298	\$14.08	\$29,281
47-4011	Construction and Building Inspectors	50	\$21.57	\$44,876	\$15.26	\$31,733	\$24.73	\$51,447	\$16.33	\$33,958	\$19.80	\$41,174	\$24.68	\$51,343
47-4051	Highway Maintenance Workers	180	\$13.62	\$28,330	\$9.97	\$20,734	\$15.45	\$32,128	\$10.59	\$22,023	\$12.85	\$26,731	\$16.41	\$34,136
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	\$15.91	\$33,097	\$12.68	\$26,368	\$17.53	\$36,461	\$13.76	\$28,631	\$16.01	\$33,292	\$18.06	\$37,565
47-5012	Rotary Drill Operators, Oil and Gas	10	\$30.03	\$62,473	\$24.32	\$50,577	\$32.89	\$68,420	\$27.07	\$56,310	\$31.54	\$65,596	\$34.32	\$71,380
47-5013	Service Unit Operators, Oil, Gas, and Mining	140	\$15.43	\$32,102	\$12.11	\$25,190	\$17.10	\$35,559	\$12.60	\$26,207	\$14.46	\$30,085	\$17.14	\$35,645
47-5071	Roustabouts, Oil and Gas	60	\$18.36	\$38,182	\$12.29	\$25,565	\$21.39	\$44,490	\$13.44	\$27,946	\$17.14	\$35,643	\$22.92	\$47,677
47-5081	Helpers--Extraction Workers	20	\$16.81	\$34,961	\$14.94	\$31,069	\$17.74	\$36,908	\$15.37	\$31,974	\$16.82	\$34,980	\$18.26	\$37,987
49-0000	Installation, Maintenance, and Repair Occupations	3,830	\$17.14	\$35,642	\$9.57	\$19,907	\$20.92	\$43,509	\$10.85	\$22,559	\$16.03	\$33,337	\$21.46	\$44,630
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	270	\$25.54	\$53,132	\$16.31	\$33,935	\$30.16	\$62,730	\$19.40	\$40,342	\$24.68	\$51,330	\$31.98	\$66,525
49-2022	Telecommunications Equipment Installers and Repairers	130	\$21.64	\$45,017	\$10.33	\$21,487	\$27.30	\$56,782	\$12.33	\$25,655	\$21.49	\$44,700	\$31.79	\$66,117
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay		\$32.62	\$67,841	\$22.55	\$46,904	\$37.65	\$78,310	\$24.37	\$50,699	\$30.71	\$63,876	\$38.63	\$80,343
49-3011	Aircraft Mechanics and Service Technicians		\$17.21	\$35,793	\$12.93	\$26,888	\$19.35	\$40,246	\$13.49	\$28,065	\$16.75	\$34,833	\$20.41	\$42,455
49-3021	Automotive Body and Related Repairers	90	\$19.11	\$39,756	\$11.92	\$24,796	\$22.71	\$47,236	\$15.11	\$31,426	\$19.67	\$40,910	\$24.18	\$50,291
49-3023	Automotive Service Technicians and Mechanics	570	\$17.10	\$35,563	\$10.10	\$21,018	\$20.59	\$42,836	\$11.38	\$23,665	\$16.79	\$34,919	\$21.32	\$44,339
49-3031	Bus and Truck Mechanics and Diesel Engine Specialist	240	\$16.89	\$35,121	\$10.45	\$21,740	\$20.10	\$41,811	\$12.31	\$25,607	\$16.10	\$33,487	\$21.86	\$45,463
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	\$17.75	\$36,927	\$14.84	\$30,872	\$19.21	\$39,955	\$15.60	\$32,451	\$17.30	\$35,978	\$19.64	\$40,862
49-3051	Motorboat Mechanics		\$16.15	\$33,596	\$11.28	\$23,460	\$18.59	\$38,664	\$12.09	\$25,146	\$15.30	\$31,818	\$20.69	\$43,027
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics		\$14.27	\$29,683	\$8.97	\$18,652	\$16.92	\$35,199	\$9.23	\$19,203	\$13.08	\$27,210	\$14.86	\$30,913
49-3092	Recreational Vehicle Service Technicians	40	\$15.41	\$32,049	\$10.58	\$22,013	\$17.82	\$37,067	\$12.38	\$25,742	\$15.84	\$32,945	\$17.92	\$37,280
49-3093	Tire Repairers and Changers	240	\$9.19	\$19,111	\$8.14	\$16,935	\$9.71	\$20,199	\$8.07	\$16,781	\$8.79	\$18,292	\$9.82	\$20,435
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door		\$25.36	\$52,757	\$20.82	\$43,300	\$27.64	\$57,486	\$21.63	\$44,995	\$24.99	\$51,989	\$28.88	\$60,075
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics	100	\$17.58	\$36,571	\$13.84	\$28,783	\$19.45	\$40,466	\$14.61	\$30,388	\$16.99	\$35,348	\$19.47	\$40,492
49-9031	Home Appliance Repairers	20	\$17.40	\$36,188	\$15.31	\$31,837	\$18.44	\$38,363	\$15.63	\$32,506	\$17.34	\$36,068	\$19.35	\$40,246
49-9041	Industrial Machinery Mechanics	150	\$21.98	\$45,728	\$15.35	\$31,931	\$25.30	\$52,626	\$16.19	\$33,676	\$18.62	\$38,726	\$21.44	\$44,597
49-9043	Maintenance Workers, Machinery	60	\$16.48	\$34,274	\$10.43	\$21,704	\$19.50	\$40,558	\$11.94	\$24,841	\$16.34	\$33,995	\$20.67	\$42,989
49-9051	Electrical Power-Line Installers and Repairers	170	\$22.89	\$47,620	\$16.92	\$35,200	\$25.88	\$53,830	\$18.06	\$37,556	\$22.95	\$47,735	\$27.10	\$56,363
49-9052	Telecommunications Line Installers and Repairers	60	\$27.84	\$57,897	\$19.86	\$41,301	\$31.82	\$66,195	\$21.86	\$45,477	\$30.48	\$63,397	\$33.51	\$69,697
49-9071	Maintenance and Repair Workers, General	1,080	\$14.58	\$30,328	\$8.79	\$18,288	\$17.47	\$36,348	\$9.56	\$19,881	\$13.62	\$28,330	\$18.76	\$39,015
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers		\$14.05	\$29,231	\$10.65	\$22,152	\$15.75	\$32,770	\$11.57	\$24,055	\$13.53	\$28,136	\$16.14	\$33,574
49-9098	Helpers--Installation, Maintenance, and Repair Workers	120	\$11.02	\$22,920	\$8.09	\$16,824	\$12.48	\$25,967	\$8.70	\$18,090	\$10.45	\$21,744	\$13.07	\$27,184

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

SOC Code	SOC Title	Estimated Employment	Mean	Mean	Entry	Entry	Experienced Hourly Wage	Experienced Annual Wage	25th	25th	Median Hourly Wage	Median Annual Wage	75th	75th
			Hourly Wage	Annual Wage	Hourly Wage	Annual Wage			Percentile Hourly Wage	Percentile Annual Wage			Percentile Hourly Wage	Percentile Annual Wage
49-9799	Installation, Maintenance, and Repair Workers, All Other	20	\$16.27	\$33,838	\$8.00	\$16,641	\$20.40	\$42,437	\$8.85	\$18,412	\$11.33	\$23,564	\$25.43	\$52,886
51-0000	Production Occupations	7,710	\$15.38	\$31,988	\$9.76	\$20,307	\$18.19	\$37,829	\$10.97	\$22,822	\$14.31	\$29,757	\$18.54	\$38,571
51-1011	First-Line Supervisors/Managers of Production and Operations	490	\$23.34	\$48,549	\$16.88	\$35,120	\$26.57	\$55,263	\$18.63	\$38,755	\$22.22	\$46,224	\$27.22	\$56,619
51-2023	Electromechanical Equipment Assemblers		\$14.73	\$30,641	\$12.93	\$26,888	\$15.63	\$32,517	\$12.78	\$26,583	\$14.06	\$29,246	\$16.24	\$33,789
51-2041	Structural Metal Fabricators and Fitters	120	\$17.48	\$36,353	\$15.26	\$31,739	\$18.59	\$38,660	\$15.65	\$32,560	\$17.31	\$36,012	\$19.43	\$40,416
51-2092	Team Assemblers	1,070	\$13.10	\$27,247	\$9.18	\$19,084	\$15.06	\$31,329	\$10.04	\$20,893	\$12.44	\$25,881	\$15.44	\$32,113
51-2099	Assemblers and Fabricators, All Other	110	\$15.62	\$32,495	\$9.40	\$19,542	\$18.74	\$38,972	\$10.69	\$22,243	\$14.99	\$31,173	\$18.22	\$37,898
51-3011	Bakers	40	\$10.15	\$21,109	\$8.11	\$16,864	\$11.17	\$23,232	\$8.80	\$18,310	\$10.04	\$20,884	\$11.25	\$23,400
51-3021	Butchers and Meat Cutters	100	\$11.56	\$24,050	\$8.11	\$16,875	\$13.29	\$27,637	\$8.72	\$18,129	\$10.80	\$22,466	\$13.36	\$27,794
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	210	\$16.18	\$33,656	\$9.97	\$20,739	\$19.29	\$40,115	\$11.30	\$23,502	\$15.69	\$32,629	\$18.46	\$38,396
51-4012	Numerical Tool and Process Control Programmers	30	\$24.87	\$51,723	\$16.65	\$34,642	\$28.97	\$60,264	\$19.09	\$39,707	\$23.87	\$49,642	\$28.02	\$58,291
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders	170	\$13.35	\$27,773	\$10.78	\$22,416	\$14.64	\$30,452	\$11.64	\$24,213	\$13.27	\$27,607	\$15.08	\$31,362
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders	50	\$14.65	\$30,478	\$10.45	\$21,735	\$16.75	\$34,850	\$11.00	\$22,872	\$14.73	\$30,648	\$17.76	\$36,946
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders	100	\$12.61	\$26,220	\$9.35	\$19,439	\$14.24	\$29,610	\$10.49	\$21,829	\$12.47	\$25,947	\$13.87	\$28,849
51-4035	Milling and Planing Machine Setters, Operators, and Tenders	50	\$15.40	\$32,032	\$12.16	\$25,291	\$17.02	\$35,403	\$13.53	\$28,137	\$15.92	\$33,110	\$17.59	\$36,582
51-4041	Machinists	480	\$16.04	\$33,358	\$11.72	\$24,374	\$18.20	\$37,849	\$13.17	\$27,394	\$16.19	\$33,669	\$18.64	\$38,765
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders	60	\$11.70	\$24,332	\$9.23	\$19,198	\$12.93	\$26,899	\$9.68	\$20,135	\$11.28	\$23,455	\$13.41	\$27,897
51-4081	Multiple Machine Tool Setters, Operators, and Tenders	90	\$15.45	\$32,135	\$11.75	\$24,439	\$17.30	\$35,984	\$12.79	\$26,598	\$15.63	\$32,504	\$17.90	\$37,230
51-4111	Tool and Die Makers	30	\$19.47	\$40,501	\$15.34	\$31,917	\$21.53	\$44,792	\$17.17	\$35,716	\$20.24	\$42,093	\$22.12	\$46,015
51-4121	Welders, Cutters, Solderers, and Brazers	530	\$17.17	\$35,704	\$12.17	\$25,304	\$19.67	\$40,904	\$13.66	\$28,420	\$17.10	\$35,565	\$20.52	\$42,683
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	120	\$17.12	\$35,620	\$13.25	\$27,566	\$19.06	\$39,646	\$14.07	\$29,258	\$17.46	\$36,310	\$20.20	\$42,006
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic		\$13.89	\$28,902	\$8.68	\$18,057	\$16.50	\$34,324	\$9.41	\$19,567	\$11.34	\$23,584	\$15.32	\$31,856
51-4194	Tool Grinders, Filers, and Sharpeners	40	\$14.91	\$31,002	\$11.73	\$24,393	\$16.49	\$34,307	\$12.46	\$25,907	\$14.41	\$29,981	\$17.03	\$35,419
51-5112	Printing Press Operators	100	\$14.19	\$29,518	\$10.95	\$22,785	\$15.81	\$32,884	\$11.68	\$24,297	\$13.94	\$28,985	\$16.34	\$33,983
51-5113	Print Binding and Finishing Workers	10	\$13.74	\$28,574	\$10.46	\$21,764	\$15.37	\$31,979	\$10.34	\$21,507	\$11.29	\$23,485	\$16.00	\$33,275
51-6011	Laundry and Dry-Cleaning Workers	160	\$8.92	\$18,557	\$8.15	\$16,950	\$9.31	\$19,360	\$8.06	\$16,766	\$8.75	\$18,196	\$9.44	\$19,628
51-6021	Pressers, Textile, Garment, and Related Materials		\$9.06	\$18,851	\$8.23	\$17,109	\$9.48	\$19,722	\$8.20	\$17,048	\$9.00	\$18,712	\$10.19	\$21,199
51-6031	Sewing Machine Operators	40	\$12.52	\$26,042	\$9.20	\$19,128	\$14.18	\$29,498	\$10.06	\$20,917	\$12.44	\$25,873	\$15.18	\$31,566
51-7011	Cabinetmakers and Bench Carpenters		\$11.30	\$23,507	\$9.11	\$18,940	\$12.40	\$25,791	\$9.68	\$20,141	\$10.82	\$22,507	\$12.12	\$25,213
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	10	\$8.59	\$17,866	\$8.05	\$16,751	\$8.86	\$18,424	\$7.95	\$16,544	\$8.56	\$17,802	\$9.16	\$19,060
51-8013	Power Plant Operators	40	\$27.32	\$56,836	\$26.20	\$54,488	\$27.89	\$58,009	\$25.19	\$52,395	\$27.05	\$56,269	\$28.91	\$60,142
51-8021	Stationary Engineers and Boiler Operators	30	\$19.03	\$39,588	\$15.25	\$31,724	\$20.92	\$43,520	\$17.31	\$35,998	\$19.84	\$41,261	\$21.57	\$44,859
51-8031	Water and Liquid Waste Treatment Plant and System Operators	170	\$14.67	\$30,503	\$10.62	\$22,095	\$16.69	\$34,707	\$11.91	\$24,768	\$14.81	\$30,807	\$17.38	\$36,155
51-9011	Chemical Equipment Operators and Tenders		\$19.91	\$41,419	\$17.43	\$36,254	\$21.15	\$44,001	\$19.12	\$39,769	\$20.57	\$42,790	\$22.02	\$45,811
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	30	\$12.52	\$26,047	\$8.42	\$17,520	\$14.57	\$30,311	\$8.77	\$18,234	\$11.90	\$24,756	\$15.02	\$31,239
51-9022	Grinding and Polishing Workers, Hand	70	\$14.31	\$29,760	\$12.38	\$25,752	\$15.27	\$31,764	\$12.64	\$26,289	\$14.14	\$29,420	\$16.11	\$33,499
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	240	\$19.73	\$41,048	\$13.22	\$27,495	\$22.99	\$47,824	\$15.76	\$32,785	\$20.21	\$42,042	\$24.78	\$51,550
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	450	\$15.41	\$32,051	\$9.83	\$20,444	\$18.20	\$37,855	\$11.54	\$24,005	\$13.72	\$28,537	\$18.40	\$38,271
51-9071	Jewelers and Precious Stone and Metal Workers	20	\$15.56	\$32,354	\$13.57	\$28,221	\$16.55	\$34,421	\$14.93	\$31,049	\$16.13	\$33,550	\$17.35	\$36,096
51-9111	Packaging and Filling Machine Operators and Tenders	70	\$12.40	\$25,793	\$11.08	\$23,056	\$13.06	\$27,161	\$11.82	\$24,578	\$12.76	\$26,540	\$13.70	\$28,503
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	150	\$16.68	\$34,689	\$11.70	\$24,337	\$19.17	\$39,865	\$12.46	\$25,924	\$14.99	\$31,189	\$21.38	\$44,466

2011 OES OCCUPATIONAL EMPLOYMENT AND WAGES

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									Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage
51-9122	Painters, Transportation Equipment	50	\$19.41	\$40,379	\$12.87	\$26,779	\$22.68	\$47,179	\$13.70	\$28,506	\$17.71	\$36,846	\$23.12	\$48,082
51-9198	Helpers--Production Workers	720	\$11.94	\$24,836	\$8.76	\$18,224	\$13.53	\$28,141	\$9.36	\$19,473	\$11.15	\$23,189	\$14.51	\$30,183
51-9399	Production Workers, All Other*		\$10.00	\$20,800	\$8.34	\$17,352	\$10.83	\$22,525	\$8.25	\$17,160	\$9.11	\$18,951	\$10.83	\$22,526
53-0000	Transportation and Material Moving Occupations	5,750	\$15.02	\$31,233	\$9.19	\$19,111	\$17.93	\$37,294	\$10.25	\$21,328	\$14.22	\$29,581	\$19.34	\$40,222
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, ,	90	\$20.39	\$42,416	\$15.18	\$31,579	\$23.00	\$47,835	\$16.93	\$35,213	\$20.38	\$42,388	\$24.08	\$50,084
53-1031	First-Line Supervisors/Managers of Transportation and	130	\$22.20	\$46,166	\$13.26	\$27,584	\$26.66	\$55,457	\$15.03	\$31,254	\$22.53	\$46,854	\$27.69	\$57,594
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technic		\$12.56	\$26,130	\$10.25	\$21,315	\$13.72	\$28,538	\$10.27	\$21,364	\$11.34	\$23,586	\$15.12	\$31,456
53-3022	Bus Drivers, School	330	\$10.37	\$21,560	\$8.17	\$16,987	\$11.46	\$23,846	\$8.28	\$17,219	\$9.19	\$19,114	\$12.47	\$25,938
53-3031	Driver/Sales Workers	350	\$13.17	\$27,390	\$8.14	\$16,926	\$15.68	\$32,622	\$8.90	\$18,505	\$12.19	\$25,346	\$14.49	\$30,134
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,770	\$18.20	\$37,846	\$13.36	\$27,788	\$20.61	\$42,875	\$15.64	\$32,537	\$19.63	\$40,831	\$21.48	\$44,675
53-3033	Truck Drivers, Light or Delivery Services	390	\$15.60	\$32,439	\$8.64	\$17,968	\$19.07	\$39,675	\$9.31	\$19,355	\$12.68	\$26,383	\$18.41	\$38,285
53-3041	Taxi Drivers and Chauffeurs		\$8.91	\$18,525	\$8.30	\$17,267	\$9.21	\$19,154	\$8.06	\$16,755	\$8.69	\$18,079	\$9.33	\$19,404
53-5021	Captains, Mates, and Pilots of Water Vessels	20	\$23.45	\$48,786	\$14.95	\$31,103	\$27.71	\$57,628	\$18.16	\$37,766	\$23.67	\$49,226	\$27.43	\$57,053
53-6021	Parking Lot Attendants	50	\$9.69	\$20,152	\$8.42	\$17,521	\$10.32	\$21,468	\$8.32	\$17,311	\$9.22	\$19,173	\$10.93	\$22,731
53-6031	Service Station Attendants	80	\$9.73	\$20,235	\$8.10	\$16,845	\$10.54	\$21,930	\$8.45	\$17,574	\$9.54	\$19,848	\$10.90	\$22,662
53-7011	Conveyor Operators and Tenders	40	\$14.89	\$30,981	\$12.35	\$25,685	\$16.17	\$33,629	\$13.08	\$27,216	\$15.02	\$31,242	\$16.88	\$35,120
53-7021	Crane and Tower Operators	40	\$14.97	\$31,129	\$13.41	\$27,895	\$15.74	\$32,746	\$12.98	\$27,003	\$14.01	\$29,131	\$15.05	\$31,297
53-7032	Excavating and Loading Machine and Dragline Operatc	190	\$18.03	\$37,505	\$14.97	\$31,148	\$19.56	\$40,684	\$15.65	\$32,558	\$17.43	\$36,251	\$20.09	\$41,796
53-7051	Industrial Truck and Tractor Operators	220	\$14.78	\$30,737	\$11.49	\$23,899	\$16.42	\$34,156	\$12.37	\$25,739	\$14.79	\$30,759	\$17.21	\$35,796
53-7061	Cleaners of Vehicles and Equipment	140	\$10.19	\$21,199	\$8.31	\$17,278	\$11.13	\$23,159	\$8.62	\$17,922	\$9.76	\$20,299	\$11.22	\$23,334
53-7062	Laborers and Freight, Stock, and Material Movers, Han	1,240	\$11.33	\$23,572	\$8.24	\$17,138	\$12.88	\$26,789	\$8.95	\$18,608	\$10.75	\$22,354	\$13.48	\$28,045
53-7081	Refuse and Recyclable Material Collectors	170	\$13.47	\$28,019	\$9.73	\$20,239	\$15.34	\$31,909	\$10.44	\$21,712	\$12.28	\$25,538	\$14.42	\$29,989