

## Region Info

Region: MSA OKC

MSA Areas: Oklahoma City, OK (36420)

## Selected Industries

NAICS Code	Description
11	Agriculture, Forestry, Fishing and Hunting
21	Mining, Quarrying, and Oil and Gas Extraction
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)
90	Government

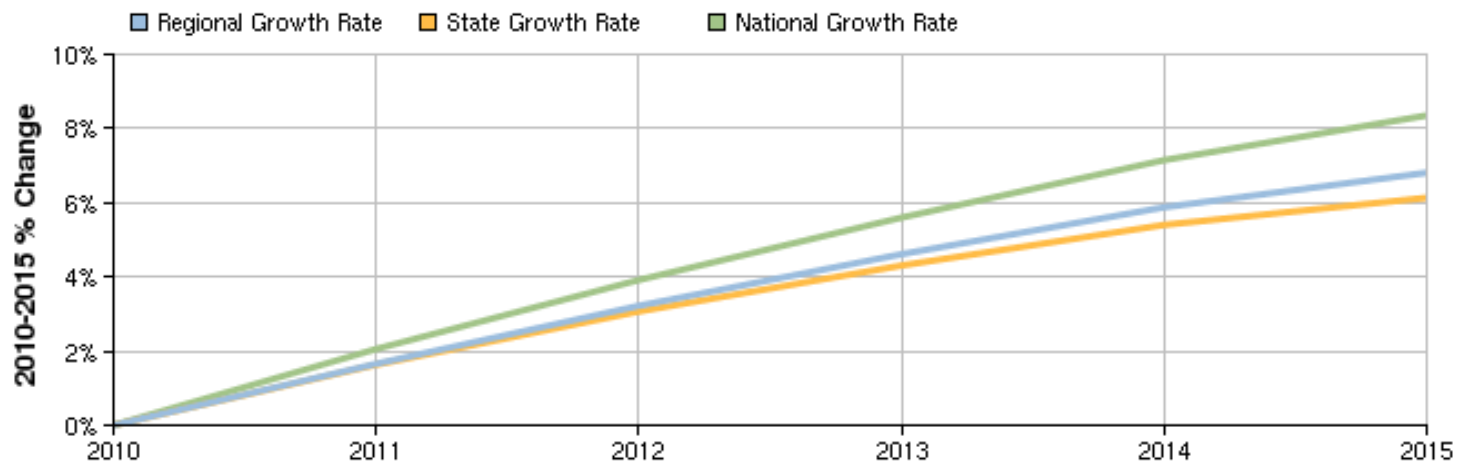
## Executive Summary

Basic Information	
2010 Industry Jobs	744,976
2015 Industry Jobs	795,698
Total Change	50,722
Total % Change	6.81%
Current Average Earnings per Worker	\$46,058

Economic Indicators	
2010 Location Quotient	1.00
2015 Location Quotient	1.00
Shift Share: Regional Competitiveness Effect	-12,456
Shift Share: Industrial Mix Effect	952
Shift Share: National Effect	62,226

Source: EMSI Complete Employment - 3rd Quarter 2010

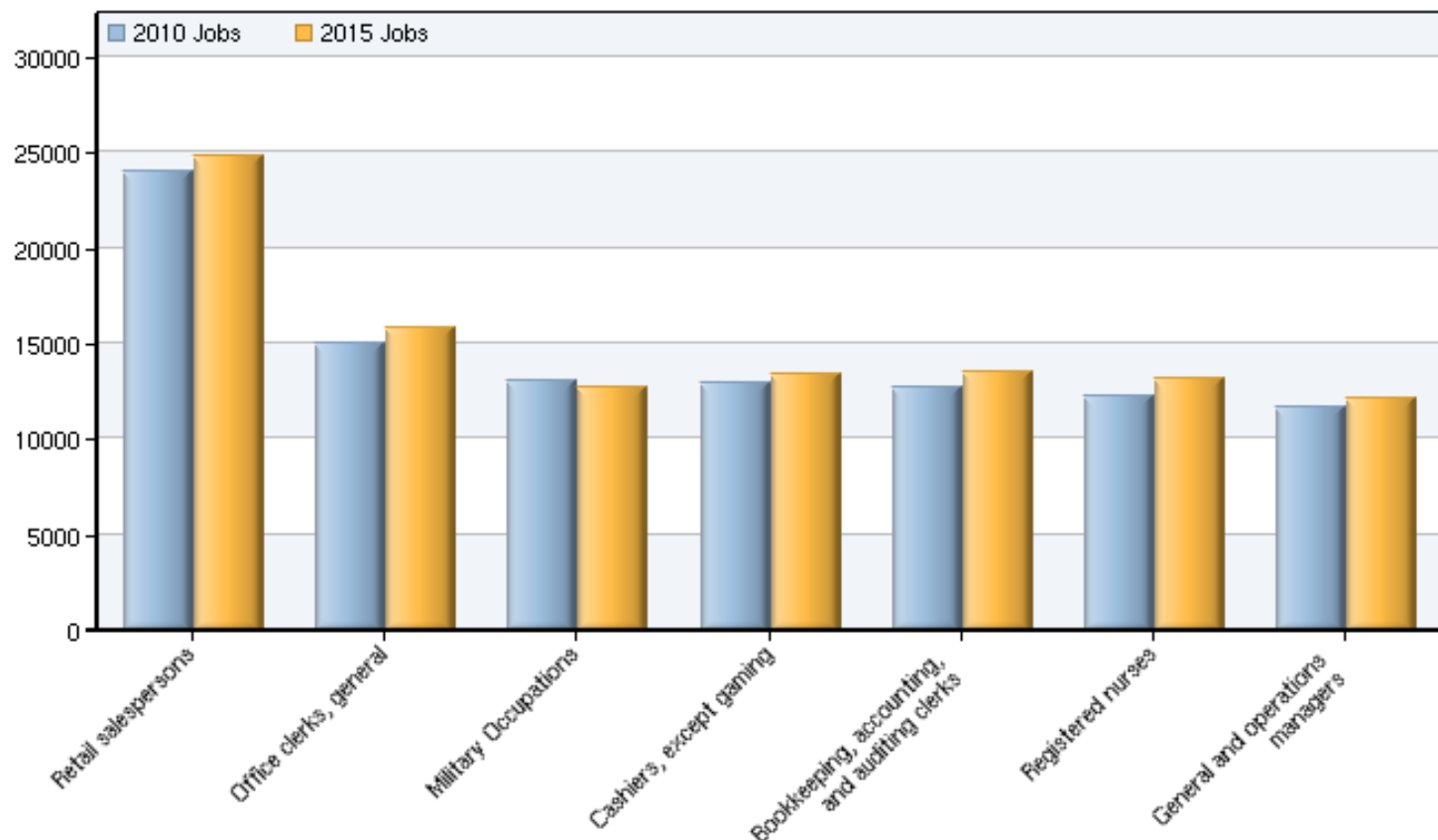
## Industry Change Summary



Description	2010 Jobs	2015 Jobs	Change	% Change	Current EPW	2009 Establishments
Regional Total	744,976	795,698	50,722	7%	\$46,058	37,161
State Total	2,099,451	2,228,214	128,763	6%	\$42,462	101,950
National Total	172,073,593	186,446,413	14,372,820	8%	\$50,104	9,059,313

Source: EMSI Complete Employment - 3rd Quarter 2010

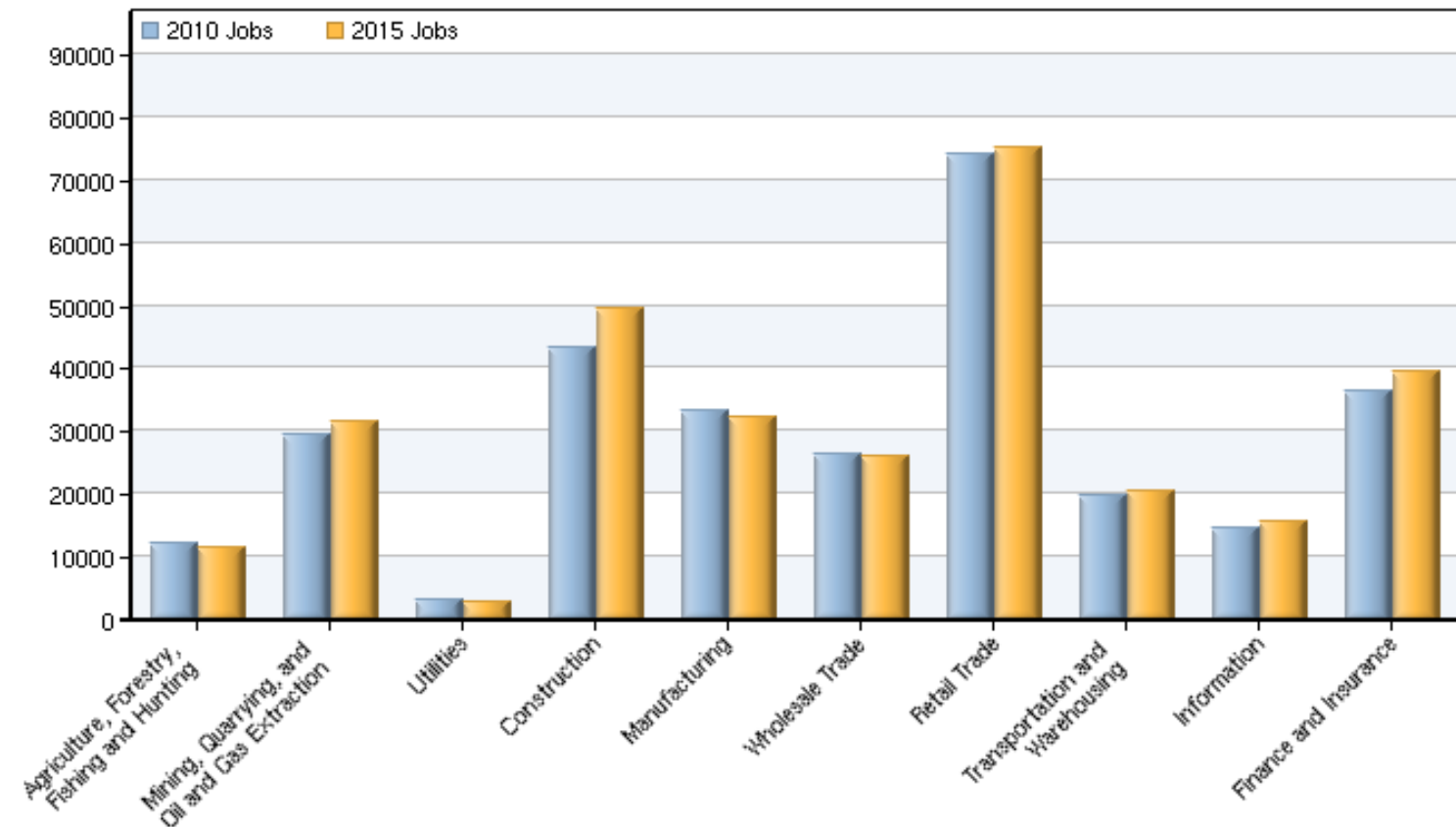
## Top Occupations In Selected Industries



SOC Code	Name	2010 Jobs	2015 Jobs	Change	% Change
41-2031	Retail salespersons	23,956	24,771	815	3%
43-9061	Office clerks, general	14,954	15,831	877	6%
55-9999	Military Occupations	13,009	12,672	-337	-3%
41-2011	Cashiers, except gaming	12,934	13,348	414	3%
43-3031	Bookkeeping, accounting, and auditing clerks	12,642	13,519	877	7%
29-1111	Registered nurses	12,186	13,203	1,017	8%
11-1021	General and operations managers	11,679	12,153	474	4%

Source: EMSI Complete Employment - 3rd Quarter 2010

## Industry Breakdown



NAICS Code	Description	2010 Jobs	2015 Jobs	Current EPW	2009 Establishments
11	Agriculture, Forestry, Fishing and Hunting	12,158	11,427	\$17,283	133
21	Mining, Quarrying, and Oil and Gas Extraction	29,295	31,513	\$102,105	943
22	Utilities	3,199	2,925	\$110,034	78
23	Construction	43,435	49,621	\$44,158	3,715
31-33	Manufacturing	33,301	32,269	\$53,829	1,411
42	Wholesale Trade	26,142	25,962	\$61,111	2,618
44-45	Retail Trade	74,131	75,190	\$30,270	4,063
48-49	Transportation and Warehousing	19,817	20,384	\$51,499	997
51	Information	14,500	15,460	\$49,547	665
52	Finance and Insurance	36,414	39,610	\$51,372	2,617
53	Real Estate and Rental and Leasing	30,344	35,954	\$24,782	1,566
54	Professional, Scientific, and Technical Services	45,472	53,243	\$52,596	4,946
55	Management of Companies and Enterprises	5,903	5,640	\$77,061	184
56	Administrative and Support and Waste Management and Remediation Services	50,033	53,900	\$29,490	2,946
61	Educational Services	11,775	13,569	\$27,416	348
62	Health Care and Social Assistance	79,639	87,625	\$47,664	3,800
71	Arts, Entertainment, and Recreation	12,154	13,728	\$24,695	408
72	Accommodation and Food Services	53,107	56,364	\$17,638	2,354
81	Other Services (except Public Administration)	36,296	37,467	\$24,653	2,529
90	Government	127,859	133,845	\$64,703	839
	<b>Total</b>	<b>744,976</b>	<b>795,698</b>	<b>\$46,058</b>	<b>37,161</b>

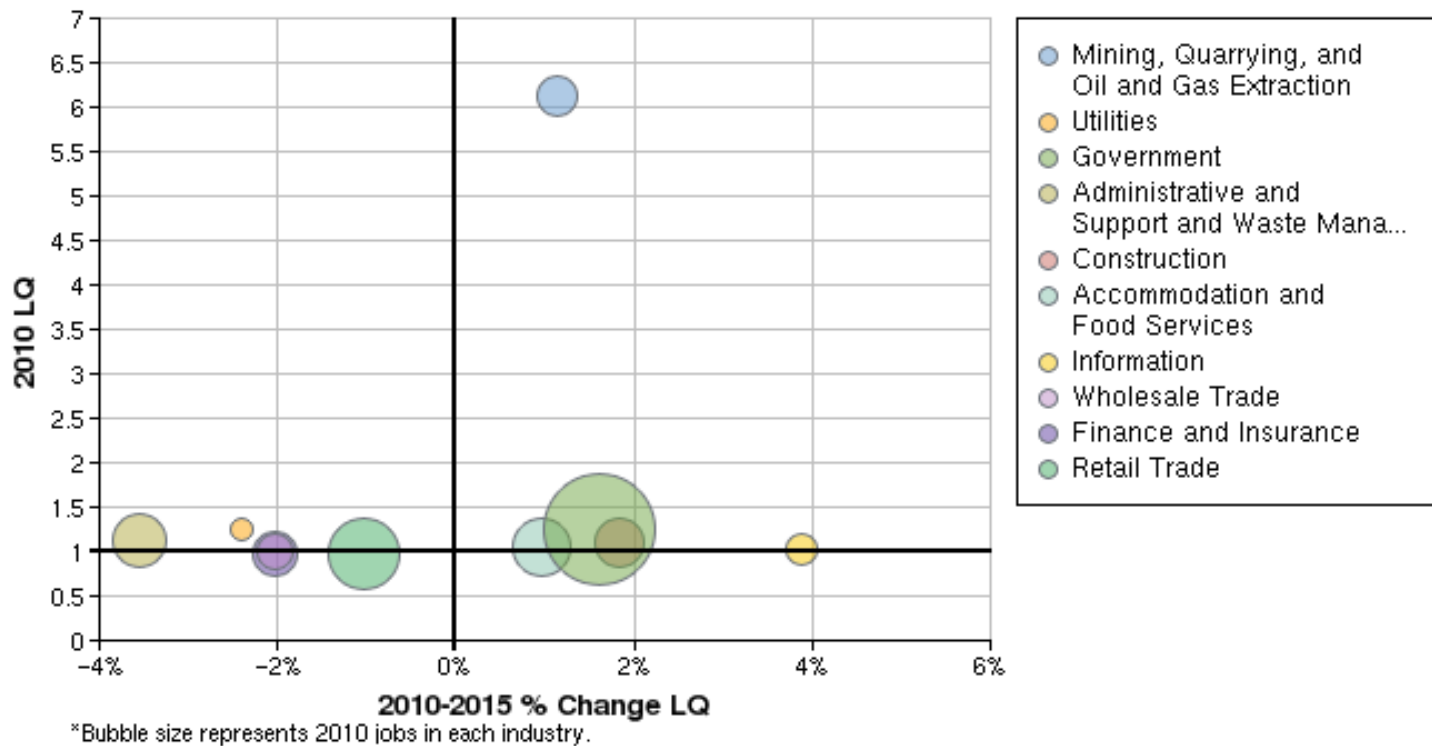
Source: EMSI Complete Employment - 3rd Quarter 2010

## Top Regional Business In Selected Industries

Primary NAICS Code	Description	Business Name	Local Employees
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing	Tinker Air Force Base	22,000
622110	General Medical and Surgical Hospitals	Integris Baptist Medical Ctr	10,000
622110	General Medical and Surgical Hospitals	Ou Medical Ctr	4,000
622110	General Medical and Surgical Hospitals	Mercy Health Ctr	3,426
211111	Crude Petroleum and Natural Gas Extraction	Chesapeake Energy Corp	3,000
622110	General Medical and Surgical Hospitals	Norman Regional Hospital	2,900
624190	Other Individual and Family Services	Norman Regional Health Prmtn	2,700
492210	Local Messengers and Local Delivery	Ups	2,350
423830	Industrial Machinery and Equipment Merchant Wholesalers	J-w Power Co	2,287
541512	Computer Systems Design Services	Convergys Corp	2,100

Source: Nielsen Claritas Business-Facts®

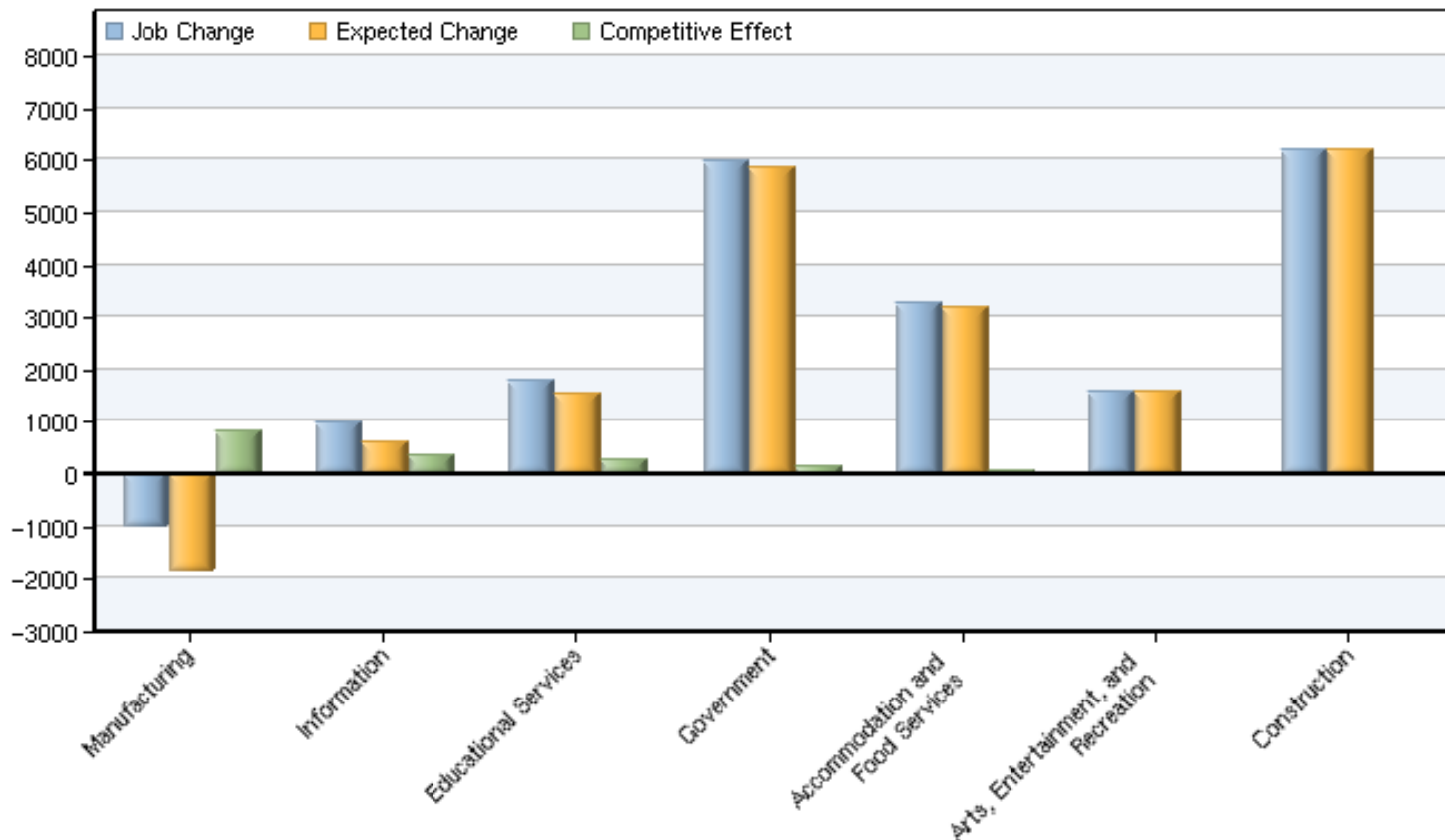
## Location Quotient Breakdown



NAICS Code	Description	2010 Jobs	2010 LQ	2015 LQ
21	Mining, Quarrying, and Oil and Gas Extraction	29,295	6.12	6.19
22	Utilities	3,199	1.25	1.22
90	Government	127,859	1.24	1.26
56	Administrative and Support and Waste Management and Remediation Services	50,033	1.13	1.09
23	Construction	43,435	1.09	1.11
72	Accommodation and Food Services	53,107	1.04	1.05
51	Information	14,500	1.03	1.07
42	Wholesale Trade	26,142	0.99	0.97
52	Finance and Insurance	36,414	0.98	0.96
44-45	Retail Trade	74,131	0.97	0.96
62	Health Care and Social Assistance	79,639	0.96	0.95
81	Other Services (except Public Administration)	36,296	0.91	0.89
54	Professional, Scientific, and Technical Services	45,472	0.89	0.90
53	Real Estate and Rental and Leasing	30,344	0.88	0.87
11	Agriculture, Forestry, Fishing and Hunting	12,158	0.82	0.80
71	Arts, Entertainment, and Recreation	12,154	0.76	0.77
48-49	Transportation and Warehousing	19,817	0.73	0.71
55	Management of Companies and Enterprises	5,903	0.71	0.67
61	Educational Services	11,775	0.67	0.69
31-33	Manufacturing	33,301	0.63	0.66
<b>Total</b>		<b>744,976</b>	<b>1.00</b>	<b>1.00</b>

Source: EMSI Complete Employment - 3rd Quarter 2010

## Shift Share Breakdown



NAICS Code	Description	Job Change	Ind Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
31-33	Manufacturing	-1,032	-4,628	2,782	-1,846	815
51	Information	960	-613	1,211	598	361
61	Educational Services	1,794	563	984	1,547	247
90	Government	5,986	-4,830	10,680	5,850	136
72	Accommodation and Food Services	3,257	-1,246	4,436	3,190	67
71	Arts, Entertainment, and Recreation	1,574	549	1,015	1,564	10
23	Construction	6,186	2,560	3,628	6,188	-2
21	Mining, Quarrying, and Oil and Gas Extraction	2,218	-153	2,447	2,294	-75
54	Professional, Scientific, and Technical Services	7,771	4,064	3,798	7,862	-91
22	Utilities	-274	-407	267	-140	-134
55	Management of Companies and Enterprises	-263	-299	493	194	-457
11	Agriculture, Forestry, Fishing and Hunting	-731	-1,274	1,016	-258	-472
48-49	Transportation and Warehousing	567	-252	1,655	1,403	-837
53	Real Estate and Rental and Leasing	5,610	4,074	2,535	6,609	-999
42	Wholesale Trade	-180	-1,269	2,184	915	-1,094
52	Finance and Insurance	3,196	1,283	3,042	4,325	-1,129
81	Other Services (except Public Administration)	1,171	-480	3,032	2,552	-1,381
44-45	Retail Trade	1,059	-3,466	6,192	2,726	-1,666
56	Administrative and Support and Waste Management and Remediation Services	3,867	2,430	4,179	6,609	-2,742
62	Health Care and Social Assistance	7,986	4,346	6,652	10,998	-3,013
	<b>Total</b>	<b>50,722</b>	<b>952</b>	<b>62,226</b>	<b>63,178</b>	<b>-12,456</b>

Source: EMSI Complete Employment - 3rd Quarter 2010

# Data Sources and Calculations

## Industry Data

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

## Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

## Nielsen Claritas Business-Facts®

EMSI business-level data is a subset of the Nielsen Claritas Business-Facts database, which in turn is derived from infoUSA. This dataset includes the names, NAICS codes, local employees, and locations of more than 13 million US businesses. The following text from Nielsen Claritas explains how the data are collected:

"Over 13 million business and professional records are available in Business-Facts, which can be used for a broad range of sales and marketing applications. To ensure accuracy, this database is refreshed monthly and delivered quarterly as part of the standard license agreement. Telephone verification of each business by infoUSA, Inc. assures the accuracy of such vital business data elements as Standard Industrial Classification (SIC) Codes/North American Industry Classification System (NAICS) Codes, ownership, location and employment. . . The Business-Facts database begins with a collection of data from infoUSA. Once data is received, Nielsen Claritas performs several data cleansing routines, such as name standardization, address standardization, and removing duplicate or erroneous records. Nielsen Claritas then geo-codes the entire database to ensure latitude and longitude coordinates are available for each business."

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## Shift Share

Shift share is a standard regional analysis method that attempts to determine how much of regional job growth can be attributed to national trends and how much is due to unique regional factors.

## State Data Sources

This report uses state data from the following agencies: Oklahoma Employment Security Commission.