

## Region Info

### Region: SOIC

County Areas: Beckham, Oklahoma (40009), Blaine, Oklahoma (40011), Caddo, Oklahoma (40015), Canadian, Oklahoma (40017), Comanche, Oklahoma (40031), Cotton, Oklahoma (40033), Custer, Oklahoma (40039), Dewey, Oklahoma (40043), Grady, Oklahoma (40051), Greer, Oklahoma (40055), Harmon, Oklahoma (40057), Jackson, Oklahoma (40065), Jefferson, Oklahoma (40067), Kingfisher, Oklahoma (40073), Kiowa, Oklahoma (40075), McClain, Oklahoma (40087), Roger Mills, Oklahoma (40129), Stephens, Oklahoma (40137), Tillman, Oklahoma (40141), Washita, Oklahoma (40149)

## Selected Occupations

Occupation	Education Level
Management occupations (SOC 11-0000)	N/A
Business and financial operations occupations (SOC 13-0000)	N/A
Computer and mathematical science occupations (SOC 15-0000)	N/A
Architecture and engineering occupations (SOC 17-0000)	N/A
Life, physical, and social science occupations (SOC 19-0000)	N/A
Community and social services occupations (SOC 21-0000)	N/A
Legal occupations (SOC 23-0000)	N/A
Education, training, and library occupations (SOC 25-0000)	N/A
Arts, design, entertainment, sports, and media occupations (SOC 27-0000)	N/A
Healthcare practitioners and technical occupations (SOC 29-0000)	N/A
Healthcare support occupations (SOC 31-0000)	N/A
Protective service occupations (SOC 33-0000)	N/A
Food preparation and serving related occupations (SOC 35-0000)	N/A
Building and grounds cleaning and maintenance occupations (SOC 37-0000)	N/A
Personal care and service occupations (SOC 39-0000)	N/A
Sales and related occupations (SOC 41-0000)	N/A
Office and administrative support occupations (SOC 43-0000)	N/A
Farming, fishing, and forestry occupations (SOC 45-0000)	N/A
Construction and extraction occupations (SOC 47-0000)	N/A
Installation, maintenance, and repair occupations (SOC 49-0000)	N/A
Production occupations (SOC 51-0000)	N/A
Transportation and material moving occupations (SOC 53-0000)	N/A
Military Occupations (SOC 55-0000)	N/A

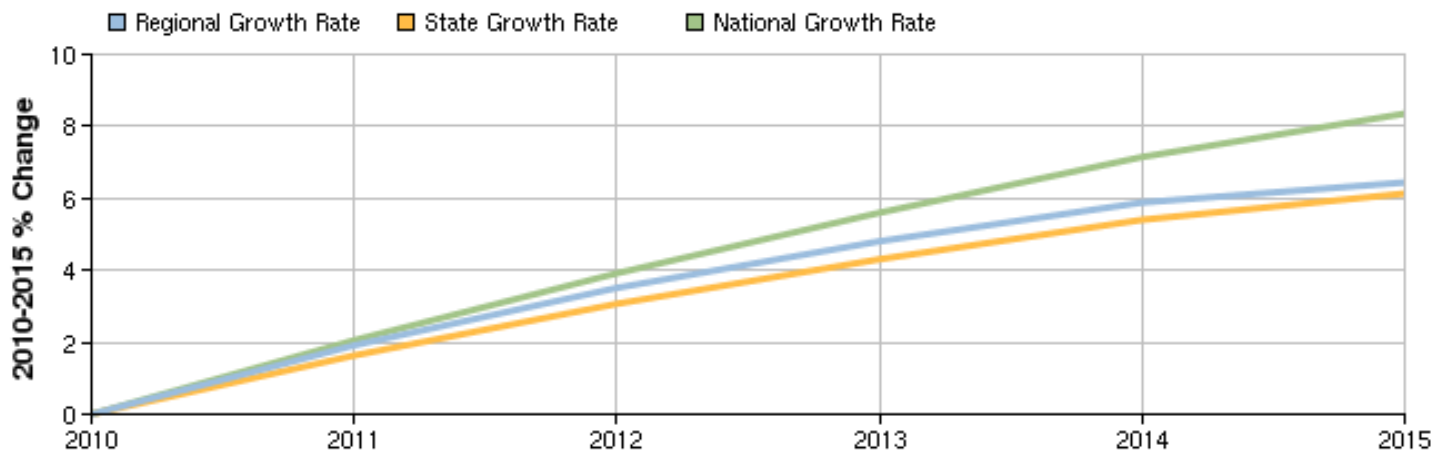
## Executive Summary

Basic Information	
2010 Occupational Jobs	266,810
2015 Occupational Jobs	283,995
Total Change	17,185
Total % Change	6.44%
Openings	50,254
Median Hourly Earnings	\$13.58

Economic Indicators	
2010 Location Quotient	1.00
2015 Location Quotient	1.00
Shift Share: Regional Competitiveness Effect	-3,186
Shift Share: Occupational Mix Effect	-1,915
Shift Share: National Effect	22,286

Source: EMSI Complete Employment - 3rd Quarter 2010

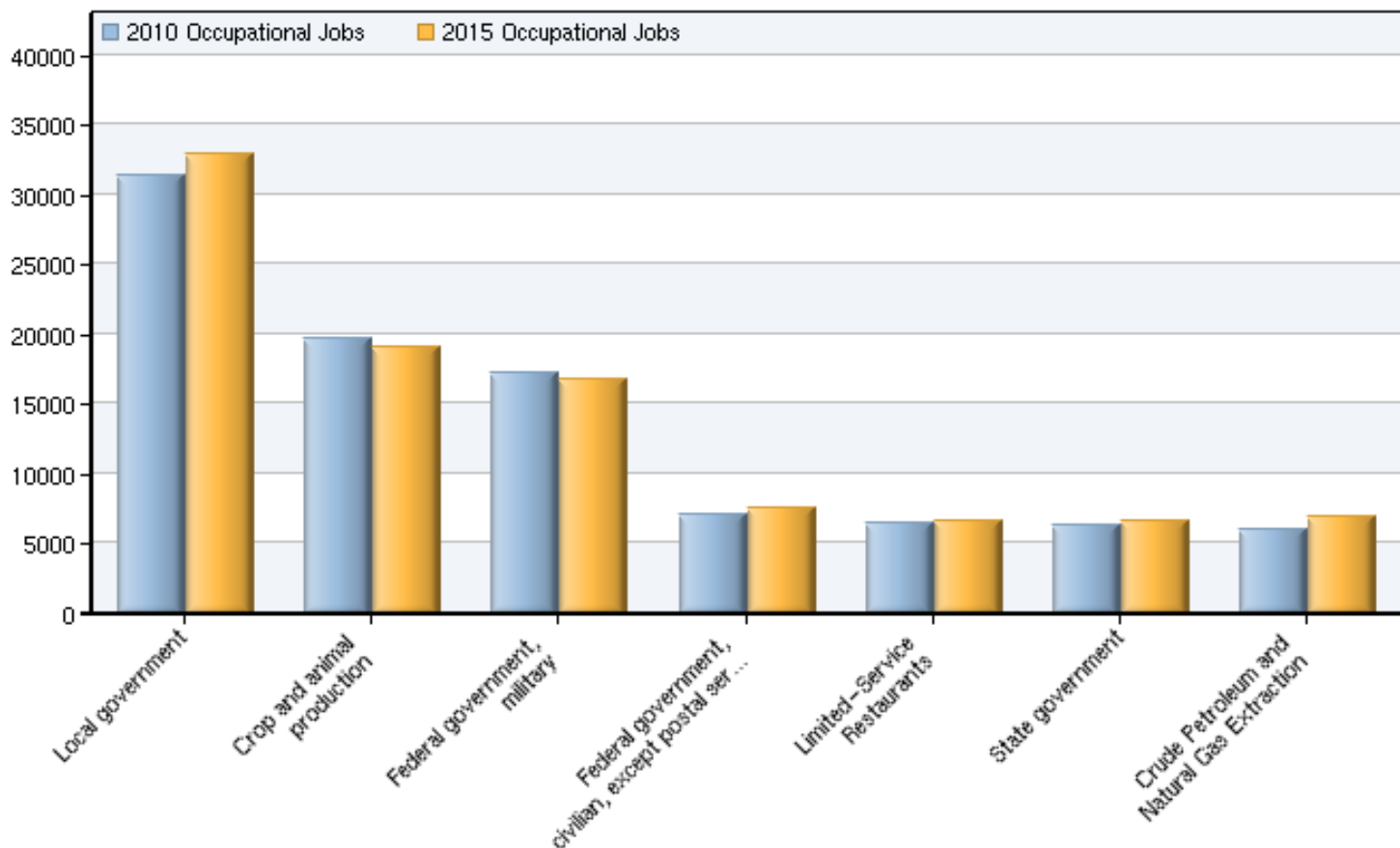
## Occupational Change Summary



Region	2010 Jobs	2015 Jobs	Change	% Change	Openings	Median Hourly Earnings
Regional Total	266,810	283,995	17,185	6%	50,254	\$13.58
State Total	2,099,451	2,228,214	128,763	6%	385,515	\$15.14
National Total	172,073,593	186,446,413	14,372,820	8%	35,343,421	\$17.96

Source: EMSI Complete Employment - 3rd Quarter 2010

## Top Industries for Selected Occupations

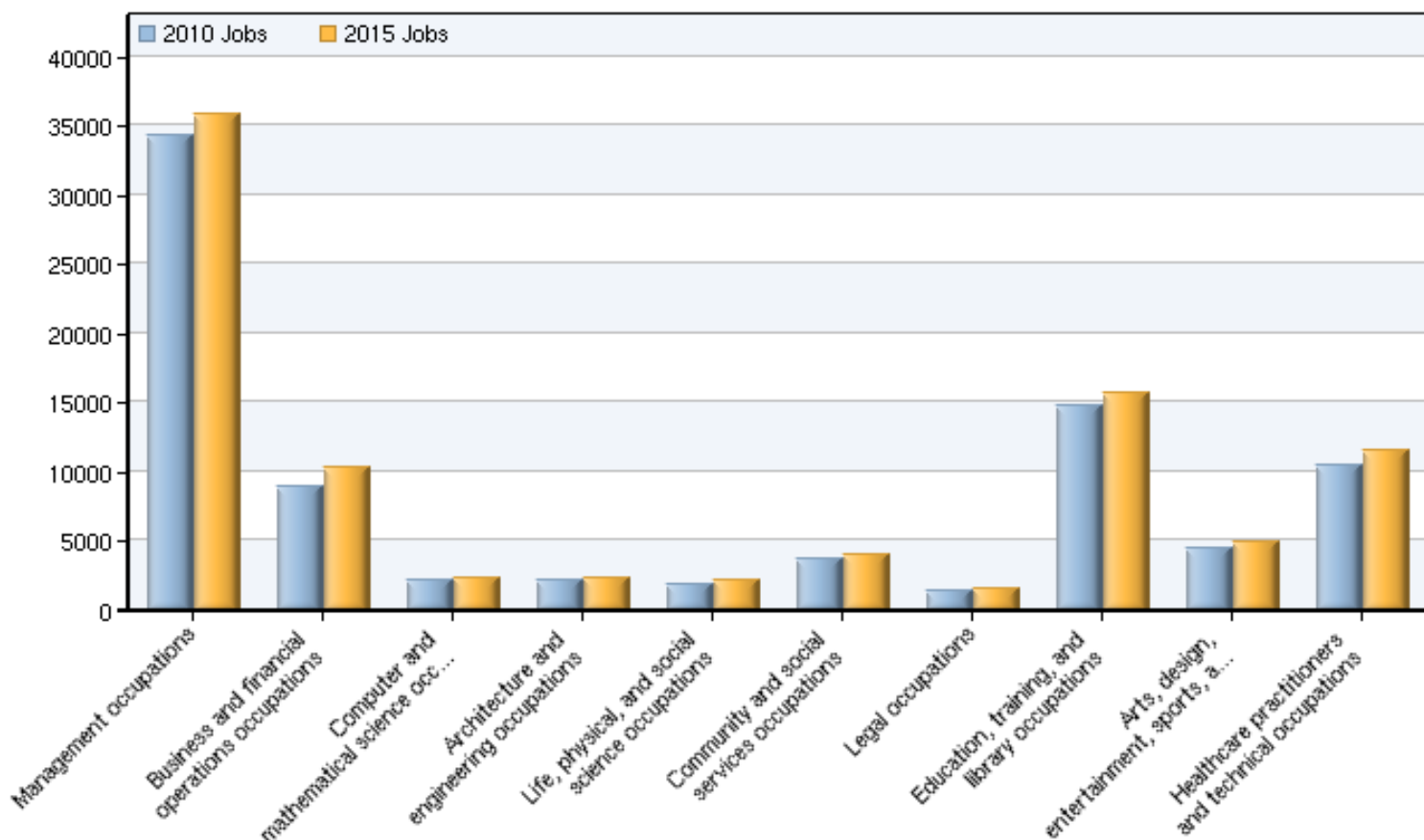


NAICS Code	Name	2010 Jobs	2015 Jobs	Change	% Change
930000	Local government	31,440	32,924	1,484	5%
11A000	Crop and animal production	19,693	19,107	-586	-3%
912000	Federal government, military	17,171	16,727	-444	-3%
911000	Federal government, civilian, except postal service	7,058	7,516	458	6%

722211	Limited-Service Restaurants	6,515	6,633	118	2%
920000	State government	6,264	6,635	371	6%
211111	Crude Petroleum and Natural Gas Extraction	6,039	6,929	890	15%

Source: EMSI Complete Employment - 3rd Quarter 2010

## Occupational Breakdown

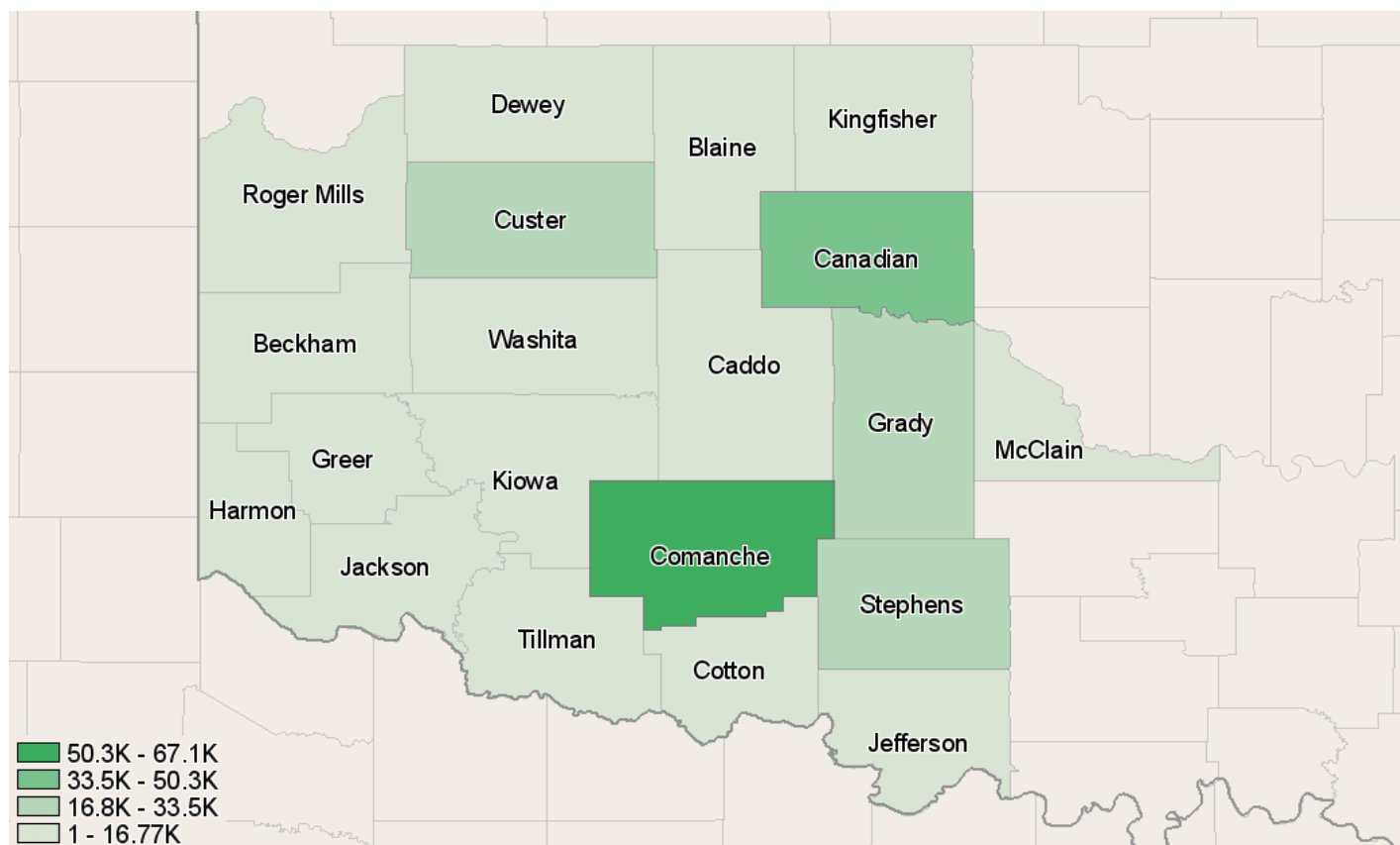


SOC Code	Description	2010 Jobs	2015 Jobs	Openings	Median Hourly Earnings
11-0000	Management occupations	34,253	35,875	5,154	\$13.54
13-0000	Business and financial operations occupations	8,971	10,275	2,157	\$16.08
15-0000	Computer and mathematical science occupations	2,194	2,339	379	\$21.74
17-0000	Architecture and engineering occupations	2,162	2,375	472	\$25.29
19-0000	Life, physical, and social science occupations	1,892	2,166	563	\$20.67
21-0000	Community and social services occupations	3,673	3,926	670	\$12.90
23-0000	Legal occupations	1,432	1,607	298	\$16.52
25-0000	Education, training, and library occupations	14,766	15,742	2,678	\$19.51
27-0000	Arts, design, entertainment, sports, and media occupations	4,458	4,885	999	\$8.84
29-0000	Healthcare practitioners and technical occupations	10,430	11,501	2,291	\$22.73
31-0000	Healthcare support occupations	5,367	5,851	848	\$9.65
33-0000	Protective service occupations	5,239	5,763	1,266	\$13.71
35-0000	Food preparation and serving related occupations	16,636	17,355	3,565	\$8.13
37-0000	Building and grounds cleaning and maintenance occupations	8,489	9,212	1,535	\$8.47
39-0000	Personal care and service occupations	7,949	8,343	1,581	\$8.73
41-0000	Sales and related occupations	30,345	32,938	6,981	\$9.66
43-0000	Office and administrative support occupations	30,196	31,847	4,985	\$10.96
45-0000	Farming, fishing, and forestry occupations	3,350	3,378	601	\$8.85
47-0000	Construction and extraction occupations	19,304	21,296	3,937	\$14.97
49-0000	Installation, maintenance, and repair occupations	10,357	10,956	1,848	\$14.70

51-0000	Production occupations	12,854	13,046	2,218	\$15.28
53-0000	Transportation and material moving occupations	15,323	16,590	3,280	\$14.05
55-0000	Military Occupations	17,171	16,727	1,950	\$19.30
<b>Total</b>		<b>266,810</b>	<b>283,995</b>	<b>50,254</b>	<b>\$13.58</b>

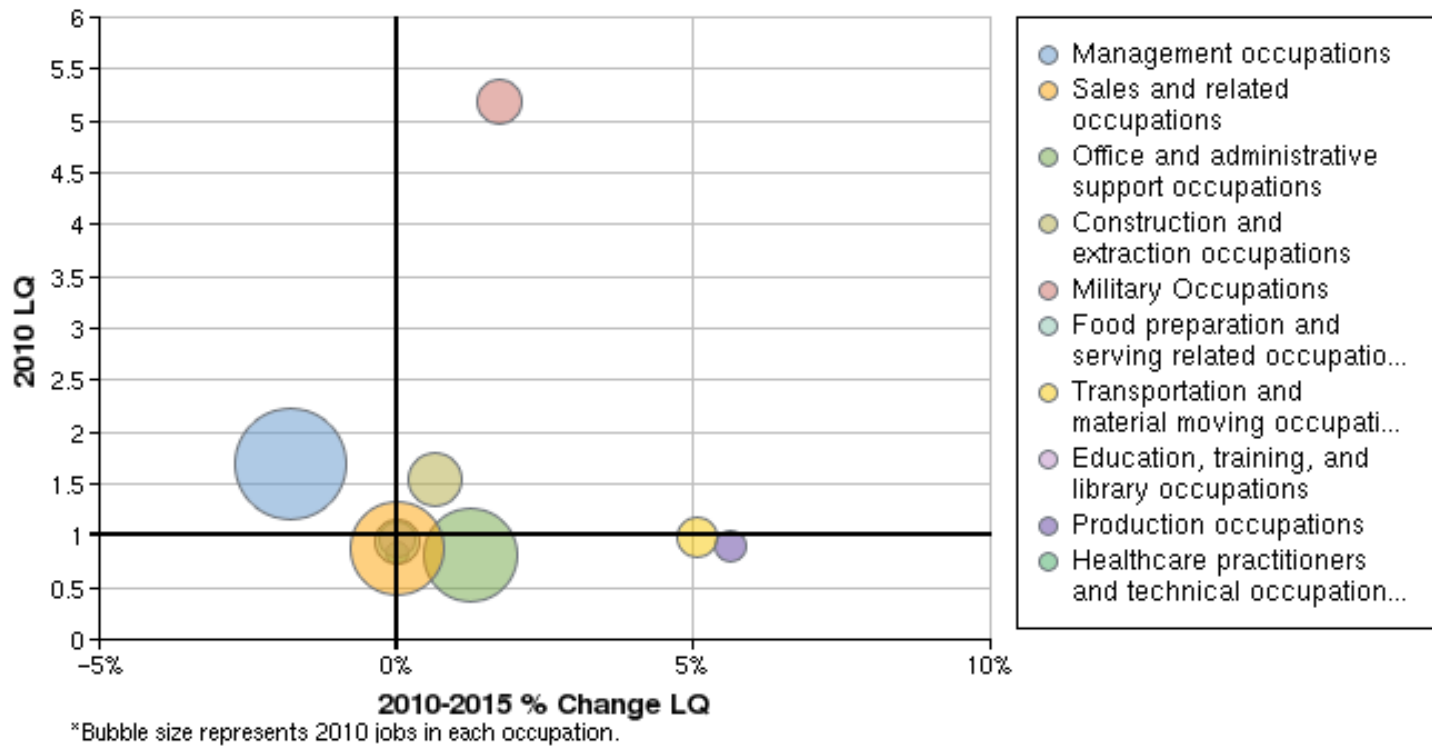
Source: EMSI Complete Employment - 3rd Quarter 2010

## Occupation Distribution



County	2010 Jobs
Comanche, OK (40031)	67,088
Canadian, OK (40017)	42,699
Stephens, OK (40137)	23,430
Grady, OK (40051)	21,787
Custer, OK (40039)	17,126
Jackson, OK (40065)	14,767
Beckham, OK (40009)	13,894
Caddo, OK (40015)	12,199
McClain, OK (40087)	12,182
Kingfisher, OK (40073)	9,177
Blaine, OK (40011)	6,296
Washita, OK (40149)	4,507
Kiowa, OK (40075)	4,032
Tillman, OK (40141)	3,470
Cotton, OK (40033)	3,193
Dewey, OK (40043)	3,003
Jefferson, OK (40067)	2,306
Greer, OK (40055)	2,289
Roger Mills, OK (40129)	1,873
Harmon, OK (40057)	1,492

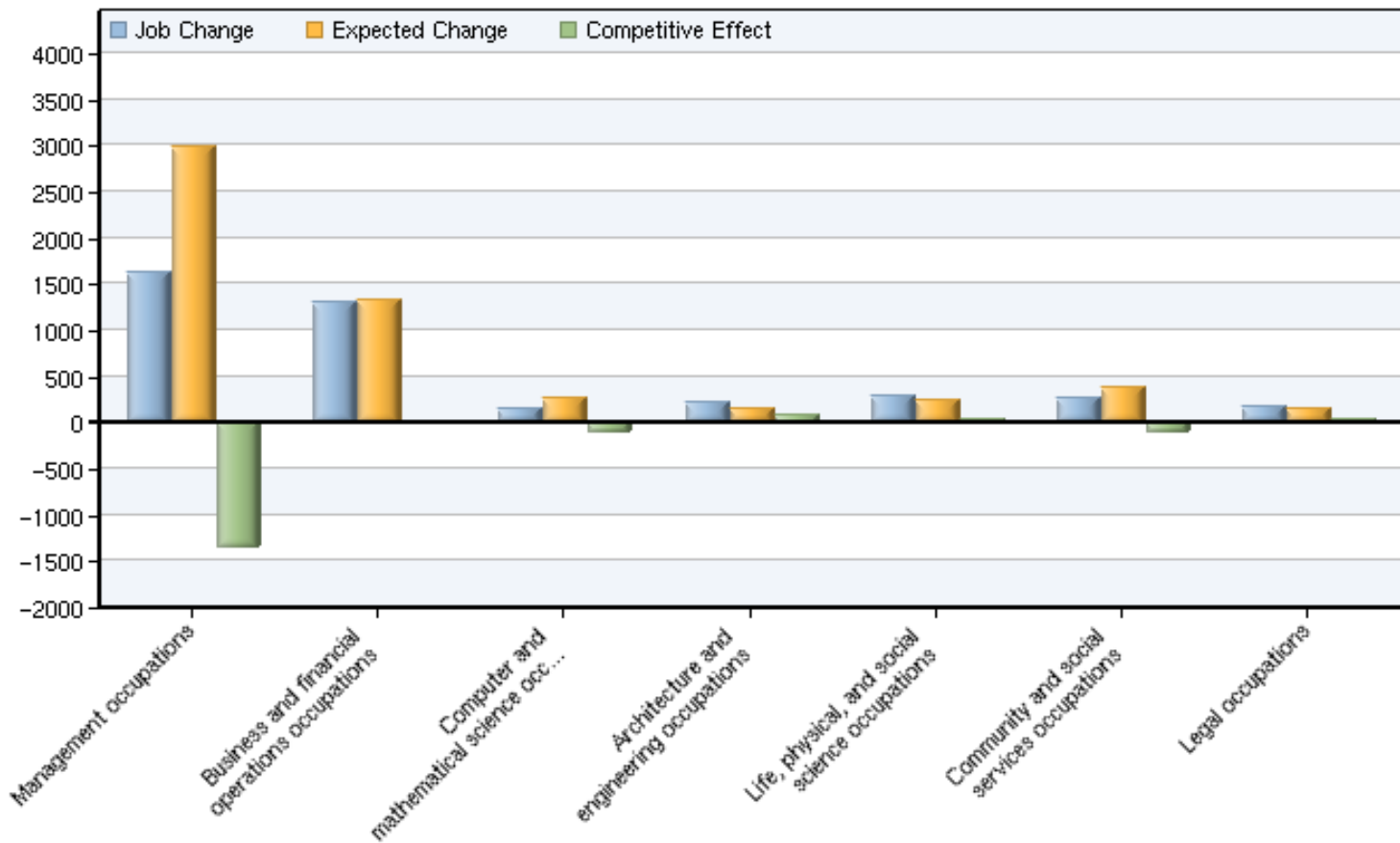
## Location Quotient Breakdown



SOC Code	Description	2010 Jobs	2010 LQ	2015 LQ
11-0000	Management occupations	34,253	1.69	1.66
41-0000	Sales and related occupations	30,345	0.88	0.88
43-0000	Office and administrative support occupations	30,196	0.81	0.82
47-0000	Construction and extraction occupations	19,304	1.54	1.55
55-0000	Military Occupations	17,171	5.18	5.27
35-0000	Food preparation and serving related occupations	16,636	0.94	0.94
53-0000	Transportation and material moving occupations	15,323	0.99	1.04
25-0000	Education, training, and library occupations	14,766	0.97	0.97
51-0000	Production occupations	12,854	0.89	0.94
29-0000	Healthcare practitioners and technical occupations	10,430	0.84	0.84
49-0000	Installation, maintenance, and repair occupations	10,357	1.14	1.16
13-0000	Business and financial operations occupations	8,971	0.65	0.66
37-0000	Building and grounds cleaning and maintenance occupations	8,489	0.78	0.78
39-0000	Personal care and service occupations	7,949	0.80	0.77
31-0000	Healthcare support occupations	5,367	0.80	0.77
33-0000	Protective service occupations	5,239	1.04	1.08
27-0000	Arts, design, entertainment, sports, and media occupations	4,458	0.59	0.59
21-0000	Community and social services occupations	3,673	0.92	0.91
45-0000	Farming, fishing, and forestry occupations	3,350	1.94	1.98
15-0000	Computer and mathematical science occupations	2,194	0.38	0.37
17-0000	Architecture and engineering occupations	2,162	0.54	0.56
19-0000	Life, physical, and social science occupations	1,892	0.69	0.71
23-0000	Legal occupations	1,432	0.65	0.67
<b>Total</b>		<b>266,810</b>	<b>1.00</b>	<b>1.00</b>

Source: EMSI Complete Employment - 3rd Quarter 2010

## Shift Share Breakdown



SOC Code	Description	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
11-0000	Management occupations	1,622	117	2,861	2,978	-1,356
13-0000	Business and financial operations occupations	1,304	564	749	1,313	-9
15-0000	Computer and mathematical science occupations	145	79	183	262	-118
17-0000	Architecture and engineering occupations	213	-42	181	139	75
19-0000	Life, physical, and social science occupations	274	81	158	239	35
21-0000	Community and social services occupations	253	59	307	366	-113
23-0000	Legal occupations	175	30	120	150	25
25-0000	Education, training, and library occupations	976	72	1,233	1,305	-329
27-0000	Arts, design, entertainment, sports, and media occupations	427	129	372	501	-74
29-0000	Healthcare practitioners and technical occupations	1,071	389	871	1,260	-189
31-0000	Healthcare support occupations	484	412	448	860	-376
33-0000	Protective service occupations	524	-23	438	415	110
35-0000	Food preparation and serving related occupations	719	-359	1,390	1,031	-312
37-0000	Building and grounds cleaning and maintenance occupations	723	171	709	880	-157
39-0000	Personal care and service occupations	394	277	664	941	-547
41-0000	Sales and related occupations	2,593	419	2,535	2,954	-361
43-0000	Office and administrative support occupations	1,651	-694	2,522	1,828	-177
45-0000	Farming, fishing, and forestry occupations	28	-254	280	26	2
47-0000	Construction and extraction occupations	1,992	718	1,612	2,330	-338
49-0000	Installation, maintenance, and repair occupations	599	-266	865	599	-1
51-0000	Production occupations	192	-1,346	1,074	-272	465
53-0000	Transportation and material moving occupations	1,267	-573	1,280	707	560
55-0000	Military Occupations	-444	-1,878	1,434	-444	0
Total		17,182	-1,915	22,286	20,371	-3,186

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.

## 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.