

SOIC Gap Analysis Overview: *Demographics, Industry, Occupation, & Educational Attainment Analysis*

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The SOIC Gap Analysis Overview provides an analysis of the economy using demographic, industry, occupation, and educational attainment data for the Southwestern Oklahoma Impact Coalition (SOIC) region from 2006-2011. Counties included in the SOIC region are Beckham, Blaine, Caddo, Canadian, Comanche, Cotton, Custer, Dewey, Grady, Greer, Harmon, Jackson, Jefferson, Kingfisher, Kiowa, McClain, Roger Mills, Stephens, Tillman, and Washita. The source for the information comes from the Economic Modeling Specialists, Inc.

Demographics

The demographics section focuses on the SOIC region's population from 2006-2011 by age, race, and projected change. Also included is the state and nation's population numbers.

Industry

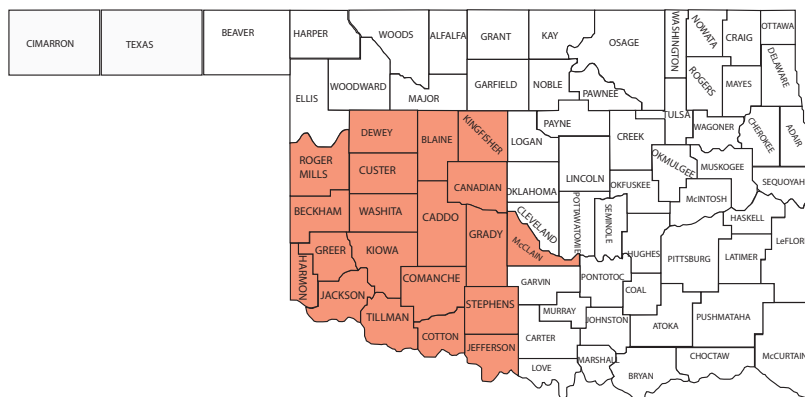
The industry section shows the top level view of the industries in the SOIC region. It also provides a quick look at both the top and bottom industries in the SOIC region.

Occupation

The occupation section provides a top level view of the occupations in the SOIC region sorted by the number of jobs. Also included are the top occupations ranked by growth and the top declining occupations ranked by growth in the SOIC region.

Educational Attainment

The educational attainment section provides a view of educational attainment by total population for the SOIC region, the state, and the nation.



Before results of the Gap Analysis Overview are presented, it is necessary to have a basic understanding of the common terms presented in the report.

Earnings per Worker — By default, shown as median hourly earnings (wage/salary) of workers in that occupation.

Establishments — A single physical location of some type of economic activity.

Growth Period — A timeframe defined by a start and an end year. In this report, published data is employed for each year in the growth period it is available. For future years (and sometimes the year previous to the present) EMSI projections are used.

Industry — A group of businesses that produce similar goods and services, and share similar production processes for creating the goods and services they sell. Industries are classified using NAICS codes. Note that in the NAICS system, what a business produces is given less importance than the process used to create it.

Jobs — This column in the data represents full and part-time jobs, which can explain some situations in which the number of jobs in a region seems unusually high compared to the total regional population. Unlike individual government sources, EMSI’s data includes jobs held by nearly all types of workers: payroll workers (who have unemployment insurance), farm workers, railroad workers, military workers, and sole proprietors.

North American Industry Classification System (NAICS) — A system of classifying North American industries using six-digit codes.

Occupation — A worker job description that contains a defined set of tasks and responsibilities. Occupations are classified using SOC codes.

Projection (Demographics) — A method of trending past population numbers by demographic group into the future.

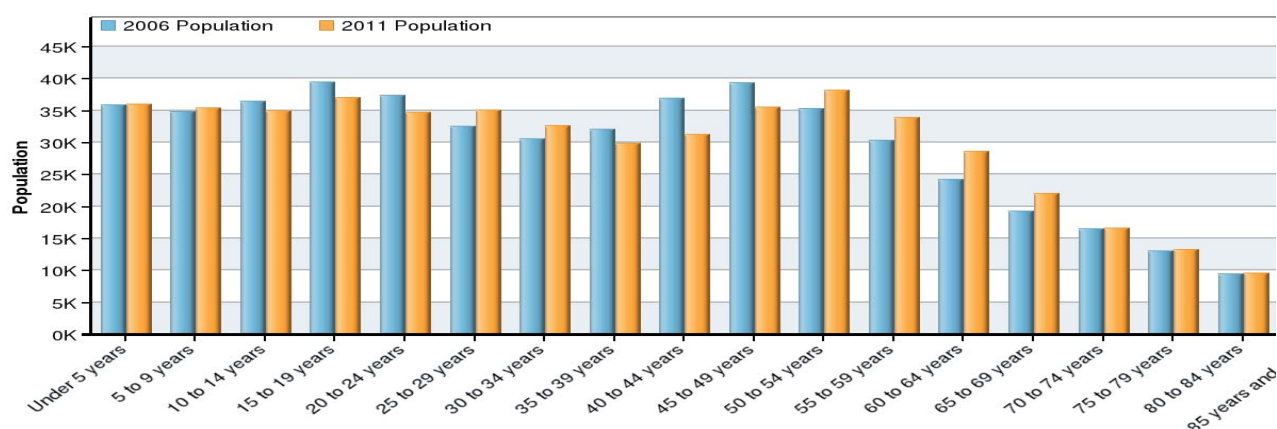
Projection (Jobs) — A method of trending past employment numbers for an industry or occupation into the future. Note that a projection is not a prediction, and projected job growth is not the same thing as “demand,” though there is significant overlap.

Replacement Jobs — The number of job openings (over a given timeframe) expected in an occupation as the result of turnover. An example would be employees changing occupations, retiring, etc. It is derived by multiplying estimated annual turnover by the number of years in a given timeframe.

Source: Economic Modeling Specialists, Inc.

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Population by Age



Source: Economic Modeling Specialists, 2007

The current population for the SOIC region is 513,258. By 2011, the population is projected to increase by 0.35%.

Demographic	2006 Population	2011 Population Projection	Change in Population	% Change in Population
SOIC Region	513,258	515,072	1,814	0.35%
State	3,535,634	3,605,313	69,679	1.97%
Nation	298,217,216	311,600,881	13,383,665	4.49%

Source: Economic Modeling Specialists, Inc.

By 2011, it is projected that in the SOIC region, females will outnumber males by 1,205.

Gender	2006 Population	2011 Population	Change	% Change
Males	256,318	256,934	615	0%
Females	256,940	258,139	1,199	0%
	513,258	515,072	1,814	0%

Source: Economic Modeling Specialists, Inc.

By 2011, 73.95% of the population in the SOIC region is projected to be under the age of 55.

Age	2006 Population	2011 Population	Change	% Change
Under 5 years	35,841	36,046	206	1%
5 to 9 years	34,886	35,449	563	2%
10 to 14 years	36,509	34,942	-1,567	-4%
15 to 19 years	39,513	37,034	-2,479	-6%
20 to 24 years	37,423	34,745	-2,678	-7%
25 to 29 years	32,527	35,114	2,587	8%
30 to 34 years	30,584	32,616	2,032	7%
35 to 39 years	32,037	29,924	-2,112	-7%
40 to 44 years	36,915	31,293	-5,622	-15%
45 to 49 years	39,335	35,572	-3,763	-10%
50 to 54 years	35,271	38,179	2,908	8%
55 to 59 years	30,388	33,930	3,542	12%
60 to 64 years	24,180	28,639	4,459	18%
65 to 69 years	19,283	22,038	2,755	14%
70 to 74 years	16,448	16,597	148	1%
75 to 79 years	13,003	13,253	250	2%
80 to 84 years	9,499	9,606	106	1%
85 years and over	9,616	10,095	479	5%
	513,258	515,072	1,814	0%

Source: Economic Modeling Specialists, Inc.

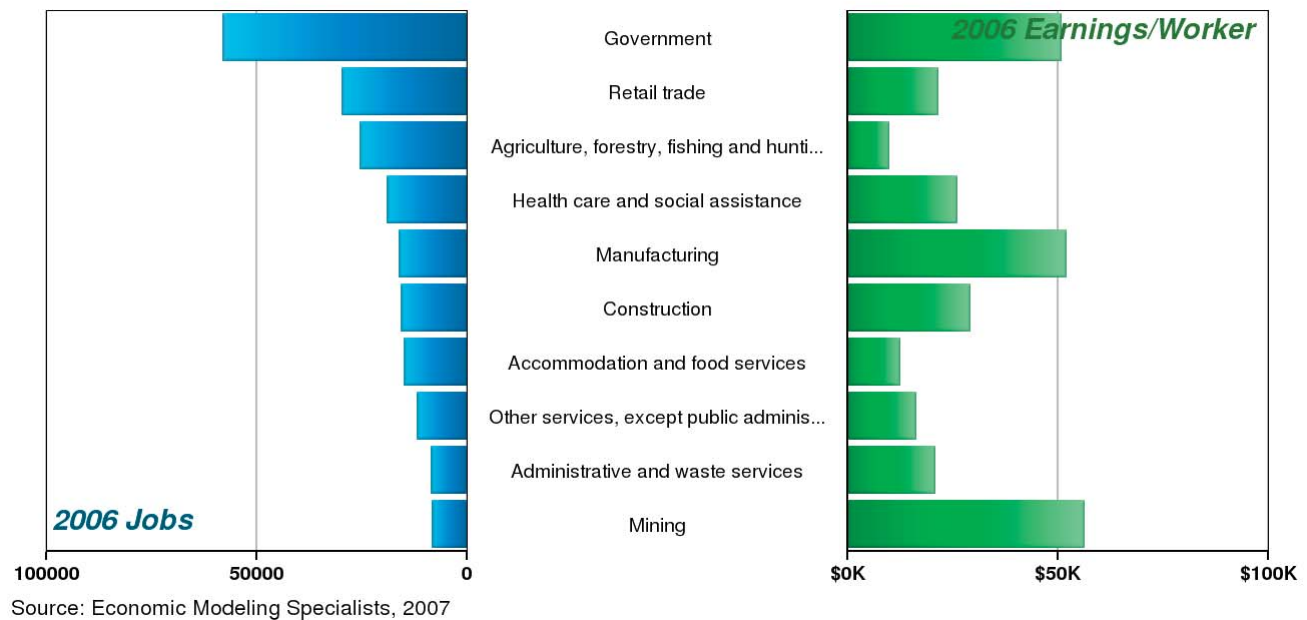
The Industry Overview Table provides jobs, projected jobs, average annual earnings per worker, and 2006 establishments at the industry supersector level of detail (NAICS 2-digit) in the SOIC region from 2006-2011.

NAICS ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Average Annual Earnings/Worker	2006 Establishments
90	Government	58182	58242	\$50788	1140
44-45	Retail trade	29758	33118	\$21378	1800
11	Agriculture, forestry, fishing and hunting	25415	25249	\$9803	237
62	Health care and social assistance	19013	21731	\$25951	1026
31-33	Manufacturing	16097	16477	\$51809	441
23	Construction	15610	17123	\$29160	1308
72	Accommodation and food services	15107	16530	\$12437	799
81	Other services, except public administration	11912	13086	\$16080	809
56	Administrative and waste services	8494	11692	\$20759	535
21	Mining	8431	8099	\$56117	484
52	Finance and insurance	8089	9416	\$35480	792
54	Professional and technical services	8056	7825	\$35331	889
48	Transportation and warehousing	7827	8368	\$40697	574
53	Real estate and rental and leasing	6750	8036	\$27630	409
42	Wholesale trade	5717	5685	\$37603	518
51	Information	2438	2353	\$32908	188
71	Arts, entertainment, and recreation	2282	2723	\$14303	101
61	Educational services	1932	2293	\$31714	61
22	Utilities	1215	1244	\$89629	78
55	Management of companies and enterprises	453	608	\$38948	28
Total		252,777	269,896	\$32,614	12211.5

Source: Economic Modeling Specialists, Inc. • 4/07

¹NAICS – North American Industry Classification System

2006 Largest Industries



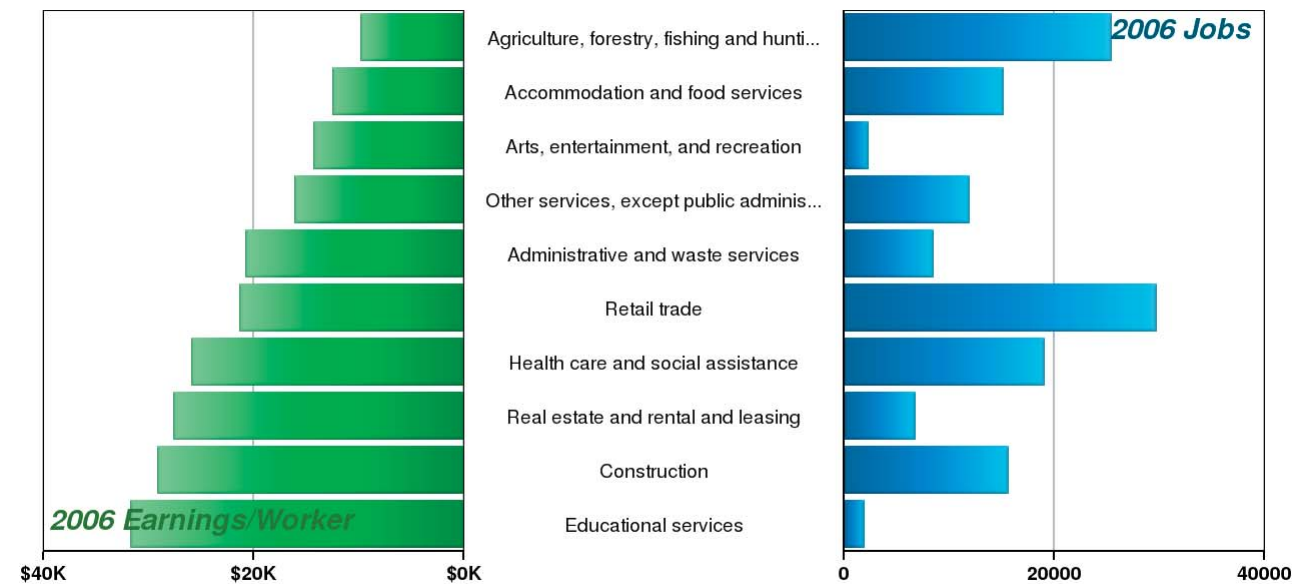
The Highest Ranking Industries Table provides a view of the top industries ranked by the number of jobs in the SOIC region from 2006-2011.

NAICS ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Change in Jobs	% Change in Jobs	2006 Average Annual Earnings/Worker
90	Government	58182	58242	60	0%	\$50788
44-45	Retail trade	29758	33118	3360	11%	\$21378
11	Agriculture, forestry, fishing and hunting	25415	25249	(166)	(1%)	\$9803
62	Health care and social assistance	19013	21731	2718	14%	\$25951
31-33	Manufacturing	16097	16477	380	2%	\$51809
23	Construction	15610	17123	1513	10%	\$29160
72	Accommodation and food services	15107	16530	1423	9%	\$12437
81	Other services, except public administration	11912	13086	1174	10%	\$16080
56	Administrative and waste services	8494	11692	3198	38%	\$20759
21	Mining	8431	8099	(333)	(4%)	\$56117

Source: Economic Modeling Specialists, Inc. • 4/07

¹NAICS – North American Industry Classification System

2006 Lowest Paying Industries



Source: Economic Modeling Specialists, 2007

The Lowest Ranking Industries Table ranks the bottom industries by growth in the SOIC region from 2006-2011.

NAICS ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Change in Jobs	Change % in Jobs	2006 Average Annual Earnings/Worker
21	Mining	8431	8099	(333)	(4%)	\$56117
54	Professional and technical services	8056	7825	(231)	(3%)	\$35331
11	Agriculture, forestry, fishing and hunting	25415	25249	(166)	(1%)	\$9803
51	Information	2438	2353	(85)	(3%)	\$32908
42	Wholesale trade	5717	5685	(32)	(1%)	\$37603
22	Utilities	1215	1244	29	2%	\$89629
90	Government	58182	58242	60	0%	\$50788
55	Management of companies and enterprises	453	608	155	34%	\$38948
61	Educational services	1932	2293	361	19%	\$31714
31-33	Manufacturing	16097	16477	380	2%	\$51809

Source: Economic Modeling Specialists, Inc. • 4/07

¹NAICS – North American Industry Classification System

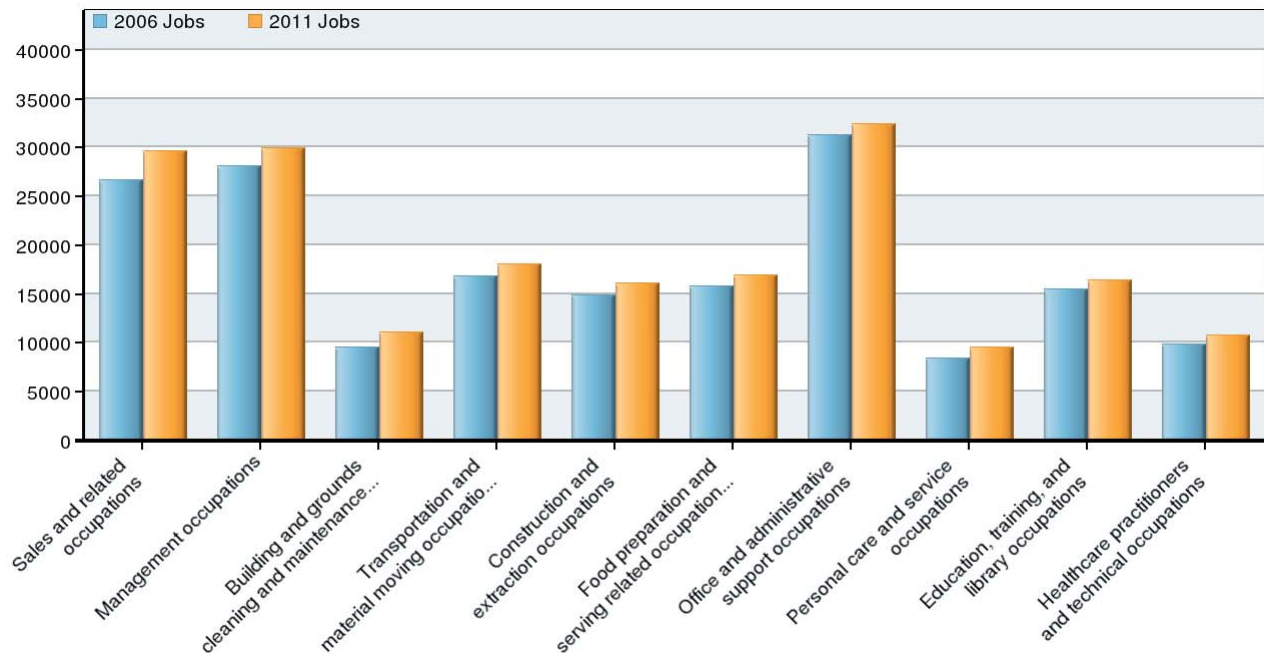
The Occupation Overview Table provides regional jobs, regional job change, and regional earnings per worker at the occupation supersector level of detail (SOC 2-digit) from 2006-2011 for the SOIC region.

SOC ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Job Change	Job % Change	Replacement Jobs	% New & Rep.	Avg. Hourly Earnings/Worker
11-0000	Management occupations	28126	29920	1794	6%	2707	16%	\$15.91
13-0000	Business and financial operations occupations	7566	8318	752	10%	669	19%	\$16.26
15-0000	Computer and mathematical science occupations	1982	2211	229	12%	135	18%	\$20.01
17-0000	Architecture and engineering occupations	2242	2336	94	4%	267	16%	\$23.75
19-0000	Life, physical, and social science occupations	1920	1999	79	4%	216	15%	\$19.47
21-0000	Community and social services occupations	2927	3250	323	11%	285	21%	\$12.35
23-0000	Legal occupations	1427	1404	(23)	(2%)	83	4%	\$20.44
25-0000	Education, training, and library occupations	15493	16448	955	6%	1617	17%	\$14.10
27-0000	Arts, design, entertainment, sports, and media occupations	3310	3373	63	2%	307	11%	\$10.81
29-0000	Healthcare practitioners and technical occupations	9853	10787	934	9%	909	19%	\$22.66
31-0000	Healthcare support occupations	5491	6142	651	12%	421	20%	\$8.30
33-0000	Protective service occupations	4526	5072	546	12%	653	26%	\$11.84
35-0000	Food preparation and serving related occupations	15813	16959	1146	7%	3047	27%	\$6.62
37-0000	Building and grounds cleaning and maintenance occupations	9578	11126	1548	16%	967	26%	\$7.15
39-0000	Personal care and service occupations	8409	9543	1134	13%	989	25%	\$6.28
41-0000	Sales and related occupations	26671	29664	2993	11%	4317	27%	\$9.19
43-0000	Office and administrative support occupations	31318	32455	1137	4%	4007	16%	\$10.18
45-0000	Farming, fishing, and forestry occupations	5360	5337	(23)	(0%)	788	14%	\$6.49
47-0000	Construction and extraction occupations	14836	16075	1239	8%	1504	18%	\$12.52
49-0000	Installation, maintenance, and repair occupations	10680	11516	836	8%	1235	19%	\$13.75
51-0000	Production occupations	13194	13684	490	4%	1822	18%	\$11.38
53-0000	Transportation and material moving occupations	16814	18065	1251	7%	1887	19%	\$10.09
55-0000	Military Occupations	15207	14187	(1020)	(7%)	1867	6%	\$26.77
		252,744	269,869	17,125	7%	30,697	19%	\$12.77

Source: Economic Modeling Specialists, Inc. - 6/07

¹SOC – Standard Occupation Classification

2006-2011 Fastest Growing Occupations



Source: Economic Modeling Specialists, 2007

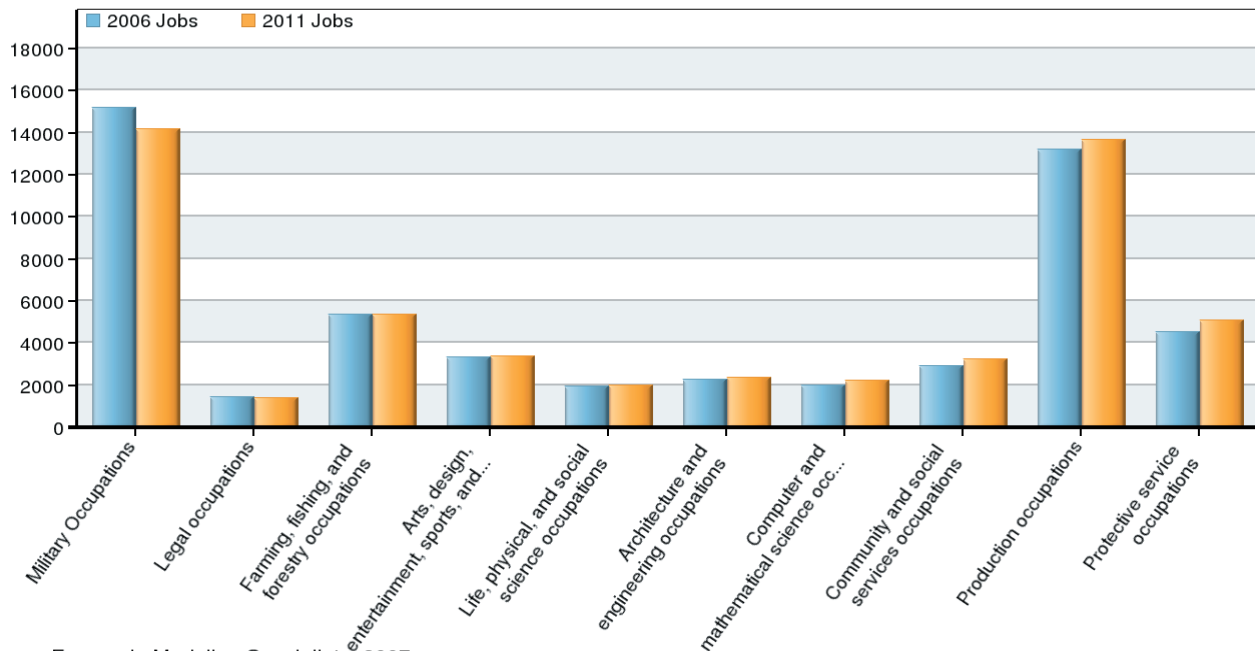
The Highest Ranking Occupations Table provides a view of the top occupations ranked by growth in the SOIC region from 2006-2011.

SOC ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Job Growth	Job Growth %	2006 Average Hourly Earnings/Worker
41-0000	Sales and related occupations	26,671	29,664	2,993	11%	\$9.19
11-0000	Management occupations	28,126	29,920	1,794	6%	\$15.91
37-0000	Building and grounds cleaning and maintenance occupations	9,578	11,126	1,548	16%	\$7.15
53-0000	Transportation and material moving occupations	16,814	18,065	1,251	7%	\$10.09
47-0000	Construction and extraction occupations	14,836	16,075	1,239	8%	\$12.52
35-0000	Food preparation and serving related occupations	15,813	16,959	1,146	7%	\$6.62
43-0000	Office and administrative support occupations	31,318	32,455	1,136	4%	\$10.18
39-0000	Personal care and service occupations	8,409	9,543	1,133	13%	\$6.28
25-0000	Education, training, and library occupations	15,493	16,448	955	6%	\$14.10
29-0000	Healthcare practitioners and technical occupations	9,853	10,787	933	9%	\$22.66

Source: Economic Modeling Specialists, Inc. – 6/07

¹SOC – Standard Occupation Classification

2006-2011 Fastest Declining Occupations



Source: Economic Modeling Specialists, 2007

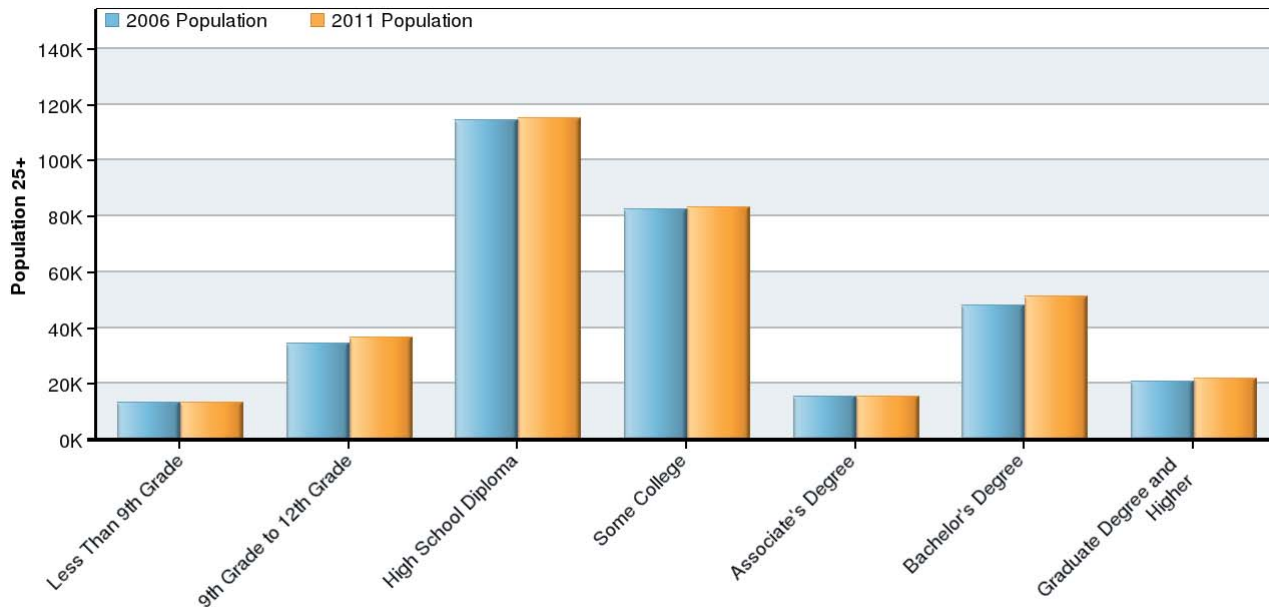
The Lowest Ranking Occupations Table ranks the bottom occupations by growth in the SOIC region from 2006-2011.

SOC ¹ Code	Description	2006 Jobs	2011 Jobs Projection	Job Growth	Job Growth %	2006 Average Hourly Earnings/Worker
55-0000	Military Occupations	15,207	14,187	-1,020	-7%	\$26.77
23-0000	Legal occupations	1,427	1,404	-23	-2%	\$20.44
45-0000	Farming, fishing, and forestry occupations	5,360	5,337	-23	-0%	\$6.49
27-0000	Arts, design, entertainment, sports, and media occupations	3,310	3,373	63	2%	\$10.81
19-0000	Life, physical, and social science occupations	1,920	1,999	79	4%	\$19.47
17-0000	Architecture and engineering occupations	2,242	2,336	94	4%	\$23.75
15-0000	Computer and mathematical science occupations	1,982	2,211	229	12%	\$20.01
21-0000	Community and social services occupations	2,927	3,250	323	11%	\$12.35
51-0000	Production occupations	13,194	13,684	490	4%	\$11.38
33-0000	Protective service occupations	4,526	5,072	546	12%	\$11.84

Source: Economic Modeling Specialists, Inc. - 6/07

¹SOC – Standard Occupation Classification

Selected Demographics by Education Level



The Current Educational Attainment and Projected Educational Attainment Tables provide a view of educational attainment by total population for the SOIC region, the state, and the nation. It is important to note that educational attainment is based on the education level of the population over the age of 25.

Current Educational Attainment

Education Level	SOIC 2006 Pop 25+	SOIC % of Pop 25+	State % Pop 25+	Nat. % Pop 25+
Less Than 9th Grade	13,398	4%	4%	6%
9th Grade to 12th Grade	34,366	10%	11%	9%
High School Diploma	114,621	35%	32%	29%
Some College	82,389	25%	24%	22%
Associate's Degree	15,434	5%	5%	6%
Bachelor's Degree	48,127	15%	16%	18%
Graduate Degree and Higher	20,751	6%	8%	10%
	329,087	100%	100%	100%

Source: Economic Modeling Specialists, Inc. - 6/07

Projected Educational Attainment

Education Level	SOIC 2011 Pop 25+	SOIC % of Pop 25+	State % Pop 25+	Nat. % Pop 25+
Less Than 9th Grade	13,140	4%	4%	5%
9th Grade to 12th Grade	36,513	11%	11%	9%
High School Diploma	115,148	34%	31%	28%
Some College	83,308	25%	23%	22%
Associate's Degree	15,464	5%	5%	6%
Bachelor's Degree	51,430	15%	17%	18%
Graduate Degree and Higher	21,853	6%	8%	11%
	336,855	100%	100%	100%

Source: Economic Modeling Specialists, Inc. - 6/07