

Region Info

Region: Tulsa MSA
MSA Areas: Tulsa, OK (46140)

Mapping Generated for 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

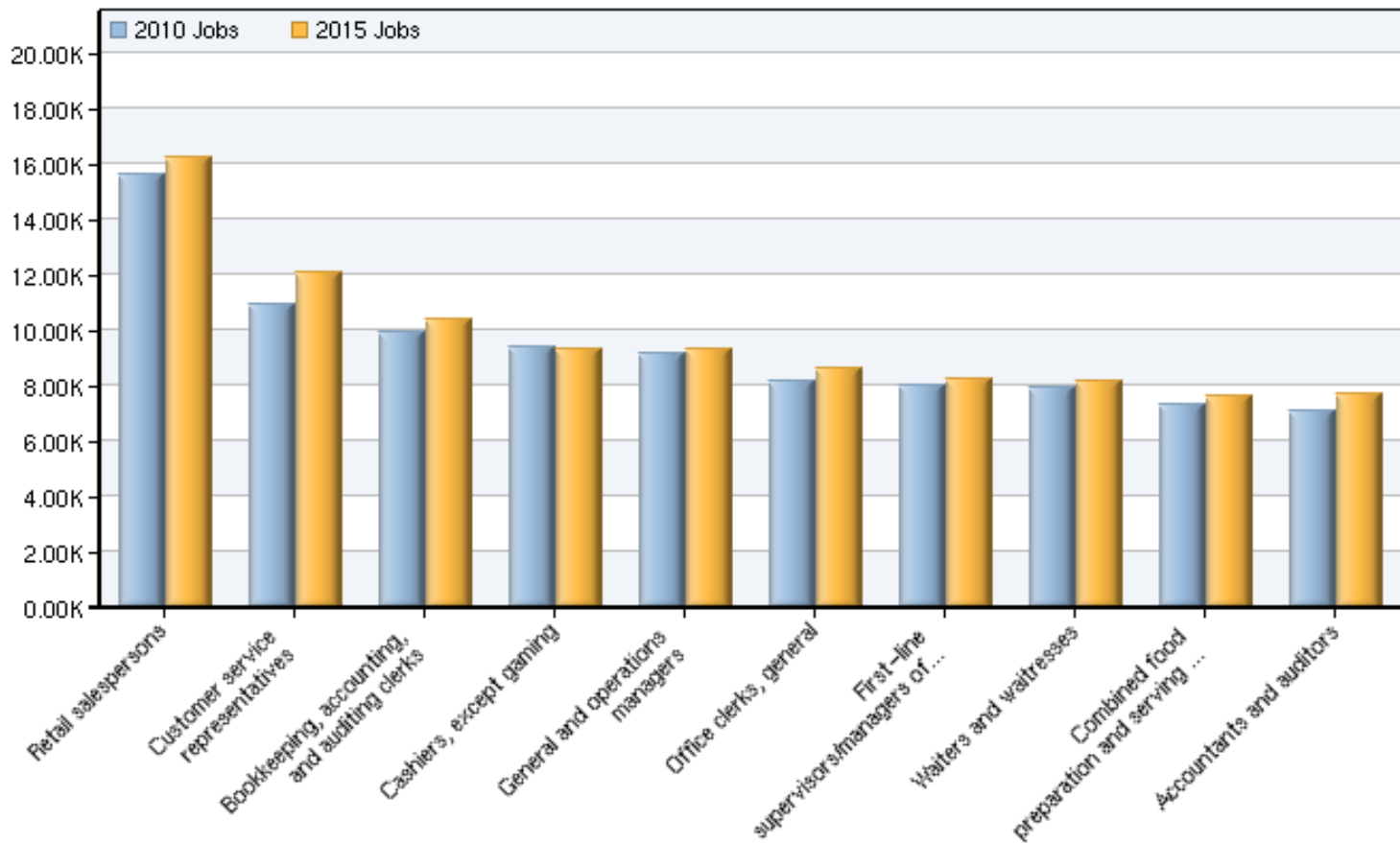
Fastest Changing Occupations

SOC Code	Description	Change
41-9022	Real estate sales agents	1,317
41-9021	Real estate brokers	1,250
43-4051	Customer service representatives	1,124
11-9141	Property, real estate, and community association managers	927
29-1111	Registered nurses	871
13-2052	Personal financial advisors	804
11-9199	Managers, all other	736
41-2031	Retail salespersons	623
13-2011	Accountants and auditors	615
31-1012	Nursing aides, orderlies, and attendants	613

SOC Code	Description	% Change
51-6042	Shoe machine operators and tenders	-60%
47-5042	Mine cutting and channeling machine operators	39%
47-5041	Continuous mining machine operators	37%
47-5049	Mining machine operators, all other	37%
51-6063	Textile knitting and weaving machine setters, operators, and tenders	-36%
53-5022	Motorboat operators	31%
47-4041	Hazardous materials removal workers	29%
13-2052	Personal financial advisors	29%
51-6061	Textile bleaching and dyeing machine operators and tenders	-28%
51-6064	Textile winding, twisting, and drawing out machine setters, operators, and tenders	-27%

Source: EMSI Complete Employment - 3rd Quarter 2010

Occupational Makeup



SOC Code	Description	2010 Jobs	2015 Jobs	Change	% Change	% of Industry	Current Hourly Earnings	Education Level
41-2031	Retail salespersons	15,643	16,266	623	4%	3%	\$9.80	Short-term on-the-job training
43-4051	Customer service representatives	10,960	12,084	1,124	10%	2%	\$13.76	Moderate-term on-the-job training
43-3031	Bookkeeping, accounting, and auditing clerks	9,892	10,379	487	5%	2%	\$13.81	Moderate-term on-the-job training
41-2011	Cashiers, except gaming	9,392	9,308	-84	-1%	2%	\$8.15	Short-term on-the-job training
11-1021	General and operations managers	9,172	9,302	130	1%	2%	\$34.33	Degree plus work experience
43-9061	Office clerks, general	8,125	8,602	477	6%	1%	\$10.65	Short-term on-the-job training
41-1011	First-line supervisors/managers of retail sales workers	8,034	8,222	188	2%	1%	\$15.25	Work experience in a related field
35-3031	Waiters and waitresses	7,924	8,151	227	3%	1%	\$8.06	Short-term on-the-job training
35-3021	Combined food preparation and serving workers, including fast food	7,307	7,616	309	4%	1%	\$7.79	Short-term on-the-job training
13-2011	Accountants and auditors	7,067	7,682	615	9%	1%	\$21.42	Bachelor's degree
11-9012	Farmers and ranchers	7,031	6,616	-415	-6%	1%	\$7.26	Long-term on-the-job training
29-1111	Registered nurses	7,023	7,894	871	12%	1%	\$23.48	Associate's degree
53-3032	Truck drivers, heavy and tractor-trailer	6,941	7,355	414	6%	1%	\$18.21	Moderate-term on-the-job training

53-7062	Laborers and freight, stock, and material movers, hand	6,553	6,606	53	1%	1%	\$10.36	Short-term on-the-job training
11-9199	Managers, all other	6,442	7,178	736	11%	1%	\$22.70	Work experience in a related field
43-6014	Secretaries, except legal, medical, and executive	6,351	6,528	177	3%	1%	\$11.78	Moderate-term on-the-job training
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	5,967	5,935	-32	-1%	1%	\$8.84	Short-term on-the-job training
51-2092	Team assemblers	5,811	5,879	68	1%	1%	\$11.97	Moderate-term on-the-job training
11-1011	Chief executives	5,760	6,266	506	9%	1%	\$31.38	Degree plus work experience
41-9022	Real estate sales agents	5,469	6,786	1,317	24%	1%	\$8.76	Postsecondary vocational award
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	5,336	5,307	-29	-1%	1%	\$22.02	Moderate-term on-the-job training
39-9011	Child care workers	5,216	5,556	340	7%	1%	\$7.61	Short-term on-the-job training
43-5081	Stock clerks and order fillers	5,161	5,380	219	4%	1%	\$9.84	Short-term on-the-job training
37-2012	Maids and housekeeping cleaners	5,055	5,153	98	2%	1%	\$7.83	Short-term on-the-job training
43-1011	First-line supervisors/managers of office and administrative support workers	5,050	5,323	273	5%	1%	\$18.35	Work experience in a related field
25-2021	Elementary school teachers, except special education	5,037	5,335	298	6%	1%	\$25.40	Bachelor's degree
41-9021	Real estate brokers	4,911	6,161	1,250	25%	1%	\$7.61	Work experience in a related field
31-1012	Nursing aides, orderlies, and attendants	4,732	5,345	613	13%	1%	\$10.25	Postsecondary vocational award
47-2031	Carpenters	4,679	5,160	481	10%	1%	\$15.47	Long-term on-the-job training
51-4121	Welders, cutters, solderers, and brazers	4,647	4,660	13	0%	1%	\$16.91	Long-term on-the-job training

Source: EMSI Complete Employment - 3rd Quarter 2010

Data Sources and Calculations

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.

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.

State Data Sources

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