

# Region Info

**Region: NEOK**

County Areas: Adair, Oklahoma (40001), Cherokee, Oklahoma (40021), Craig, Oklahoma (40035), Delaware, Oklahoma (40041), Kay, Oklahoma (40071), McIntosh, Oklahoma (40091), Mayes, Oklahoma (40097), Muskogee, Oklahoma (40101), Noble, Oklahoma (40103), Nowata, Oklahoma (40105), Okfuskee, Oklahoma (40107), Ottawa, Oklahoma (40115), Payne, Oklahoma (40119), Sequoyah, Oklahoma (40135), Washington, Oklahoma (40147)

## 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   |

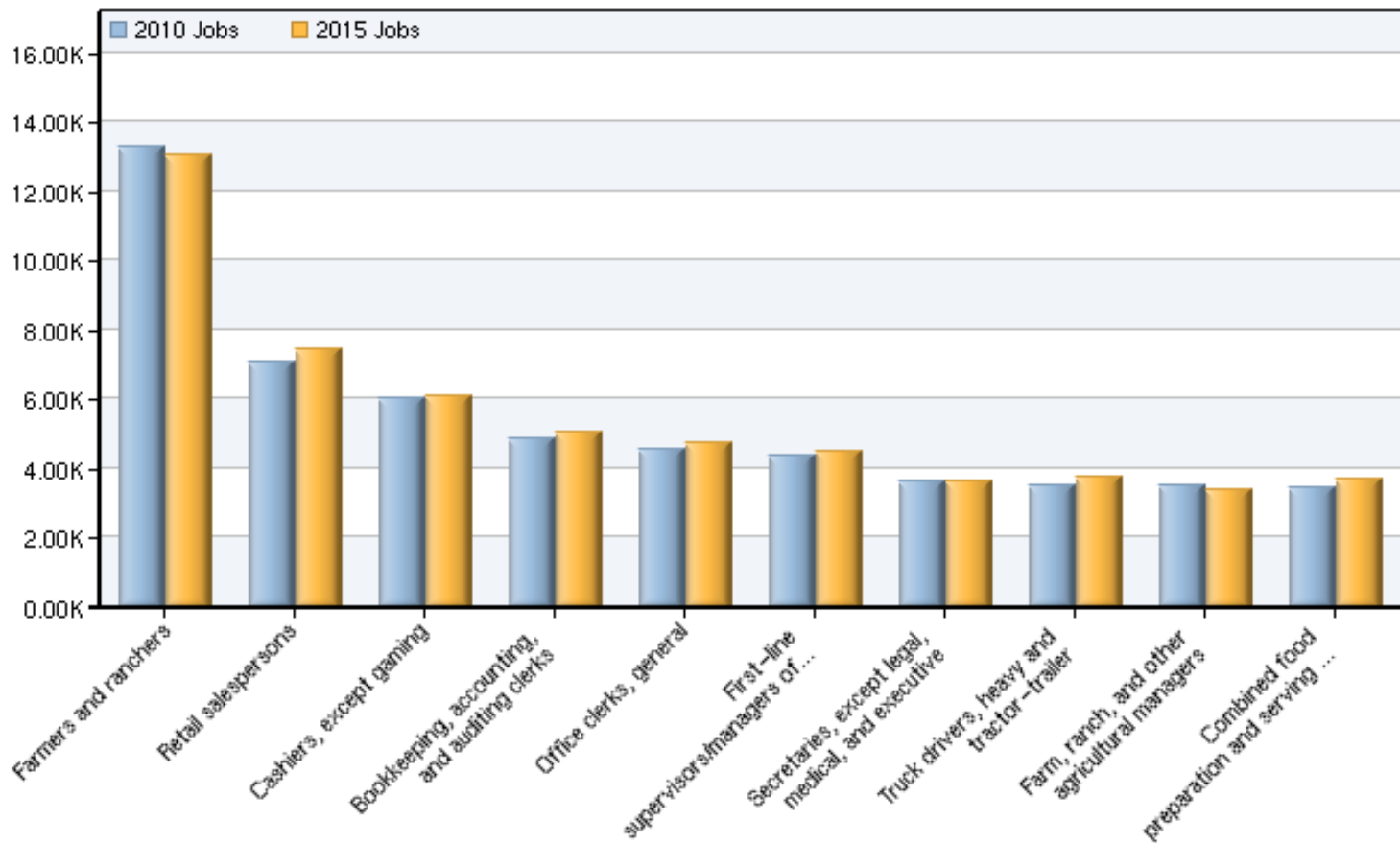
## Fastest Changing Occupations

| SOC Code | Description   | Change |
|----------|---|--------|
| 11-9199  | Managers, all other                                       | 427    |
| 41-9022  | Real estate sales agents                                  | 416    |
| 41-9021  | Real estate brokers                                       | 414    |
| 39-9021  | Personal and home care aides                              | 395    |
| 41-2031  | Retail salespersons                                       | 322    |
| 13-2052  | Personal financial advisors                               | 306    |
| 11-9141  | Property, real estate, and community association managers | 303    |
| 47-2061  | Construction laborers                                     | 300    |
| 47-2031  | Carpenters  | 299    |
| 29-1111  | Registered nurses   | 289    |

| SOC Code | Description  | % Change |
|----------|--|----------|
| 51-6061  | Textile bleaching and dyeing machine operators and tenders                         | -46%     |
| 51-6062  | Textile cutting machine setters, operators, and tenders                            | -39%     |
| 17-2031  | Biomedical engineers   | 35%      |
| 51-6092  | Fabric and apparel patternmakers   | -35%     |
| 51-6064  | Textile winding, twisting, and drawing out machine setters, operators, and tenders | -34%     |
| 53-5021  | Captains, mates, and pilots of water vessels                                       | 33%      |
| 53-5022  | Motorboat operators  | 33%      |
| 39-3021  | Motion picture projectionists  | -32%     |
| 51-6063  | Textile knitting and weaving machine setters, operators, and tenders               | -30%     |
| 17-2121  | Marine engineers and naval architects  | 30%      |

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                    |
|----------|--|-----------|-----------|--------|----------|---------------|-------------------------|------------------------------------|
| 11-9012  | Farmers and ranchers   | 13,300    | 13,034    | -266   | -2%      | 5%            | \$7.25                  | Long-term on-the-job training      |
| 41-2031  | Retail salespersons  | 7,097     | 7,419     | 322    | 5%       | 3%            | \$8.05                  | Short-term on-the-job training     |
| 41-2011  | Cashiers, except gaming  | 6,041     | 6,084     | 43     | 1%       | 2%            | \$7.93                  | Short-term on-the-job training     |
| 43-3031  | Bookkeeping, accounting, and auditing clerks                       | 4,859     | 5,060     | 201    | 4%       | 2%            | \$11.26                 | Moderate-term on-the-job training  |
| 43-9061  | Office clerks, general   | 4,561     | 4,765     | 204    | 4%       | 2%            | \$8.63                  | Short-term on-the-job training     |
| 41-1011  | First-line supervisors/managers of retail sales workers            | 4,341     | 4,465     | 124    | 3%       | 2%            | \$11.75                 | Work experience in a related field |
| 43-6014  | Secretaries, except legal, medical, and executive                  | 3,614     | 3,649     | 35     | 1%       | 1%            | \$10.13                 | Moderate-term on-the-job training  |
| 53-3032  | Truck drivers, heavy and tractor-trailer                           | 3,520     | 3,744     | 224    | 6%       | 1%            | \$14.92                 | Moderate-term on-the-job training  |
| 11-9011  | Farm, ranch, and other agricultural managers                       | 3,480     | 3,414     | -66    | -2%      | 1%            | \$9.80                  | Degree plus work experience        |
| 35-3021  | Combined food preparation and serving workers, including fast food | 3,427     | 3,669     | 242    | 7%       | 1%            | \$7.63                  | Short-term on-the-job training     |
| 37-2011  | Janitors and cleaners, except maids and housekeeping cleaners      | 3,413     | 3,428     | 15     | 0%       | 1%            | \$8.74                  | Short-term on-the-job training     |
| 11-1021  | General and operations managers                                    | 3,337     | 3,375     | 38     | 1%       | 1%            | \$27.43                 | Degree plus work experience        |

|         |   |       |       |      |     |    |         |                                    |
|---------|---|-------|-------|------|-----|----|---------|------------------------------------|
| 35-3031 | Waiters and waitresses  | 3,155 | 3,092 | -63  | -2% | 1% | \$7.76  | Short-term on-the-job training     |
| 29-1111 | Registered nurses   | 3,133 | 3,422 | 289  | 9%  | 1% | \$23.05 | Associate's degree                 |
| 25-1099 | Postsecondary teachers  | 3,072 | 3,270 | 198  | 6%  | 1% | \$29.41 | Doctoral degree                    |
| 45-209A | Miscellaneous agricultural workers  | 2,932 | 2,832 | -100 | -3% | 1% | \$9.68  | Short-term on-the-job training     |
| 25-2021 | Elementary school teachers, except special education                          | 2,880 | 3,063 | 183  | 6%  | 1% | \$23.78 | Bachelor's degree                  |
| 39-9011 | Child care workers  | 2,855 | 2,888 | 33   | 1%  | 1% | \$7.55  | Short-term on-the-job training     |
| 53-7062 | Laborers and freight, stock, and material movers, hand                        | 2,749 | 2,775 | 26   | 1%  | 1% | \$10.00 | Short-term on-the-job training     |
| 47-2031 | Carpenters  | 2,683 | 2,982 | 299  | 11% | 1% | \$12.00 | Long-term on-the-job training      |
| 31-1012 | Nursing aides, orderlies, and attendants                                      | 2,647 | 2,855 | 208  | 8%  | 1% | \$9.18  | Postsecondary vocational award     |
| 11-9199 | Managers, all other   | 2,639 | 3,066 | 427  | 16% | 1% | \$13.57 | Work experience in a related field |
| 43-5081 | Stock clerks and order fillers  | 2,623 | 2,818 | 195  | 7%  | 1% | \$8.80  | Short-term on-the-job training     |
| 37-2012 | Maids and housekeeping cleaners   | 2,515 | 2,549 | 34   | 1%  | 1% | \$7.80  | Short-term on-the-job training     |
| 55-9999 | Military Occupations  | 2,514 | 2,449 | -65  | -3% | 1% | \$9.24  | N/A                                |
| 49-9042 | Maintenance and repair workers, general                                       | 2,464 | 2,607 | 143  | 6%  | 1% | \$12.48 | Moderate-term on-the-job training  |
| 11-1011 | Chief executives  | 2,400 | 2,649 | 249  | 10% | 1% | \$19.92 | Degree plus work experience        |
| 25-9041 | Teacher assistants  | 2,349 | 2,436 | 87   | 4%  | 1% | \$10.16 | Short-term on-the-job training     |
| 39-9021 | Personal and home care aides  | 2,342 | 2,737 | 395  | 17% | 1% | \$8.09  | Short-term on-the-job training     |
| 47-1011 | First-line supervisors/managers of construction trades and extraction workers | 2,320 | 2,562 | 242  | 10% | 1% | \$17.72 | Work experience in a related field |

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.