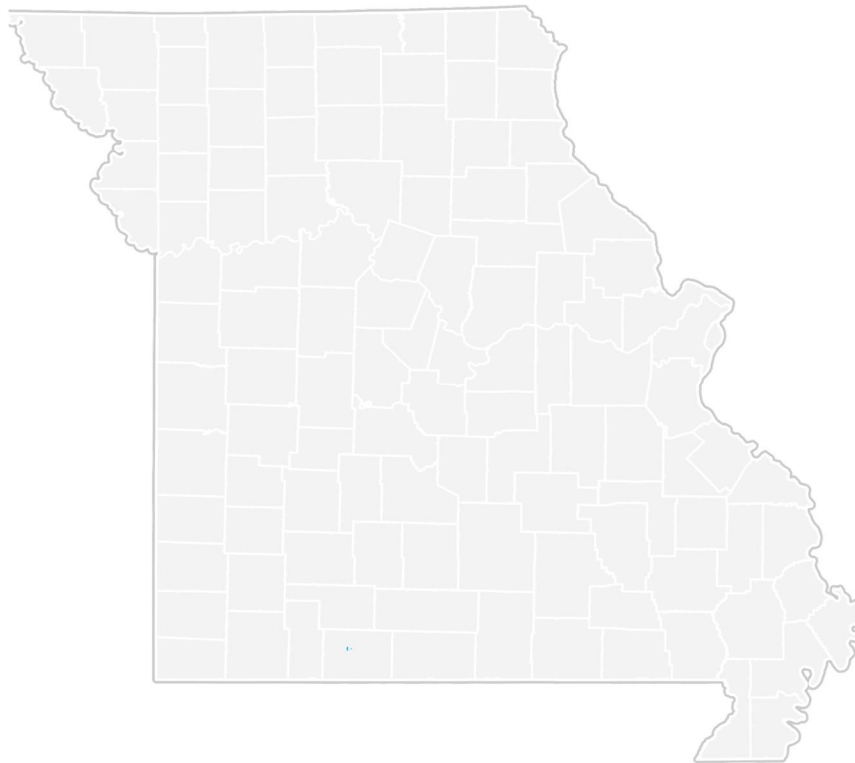


## Economic Overview

### City of Forsyth, MO



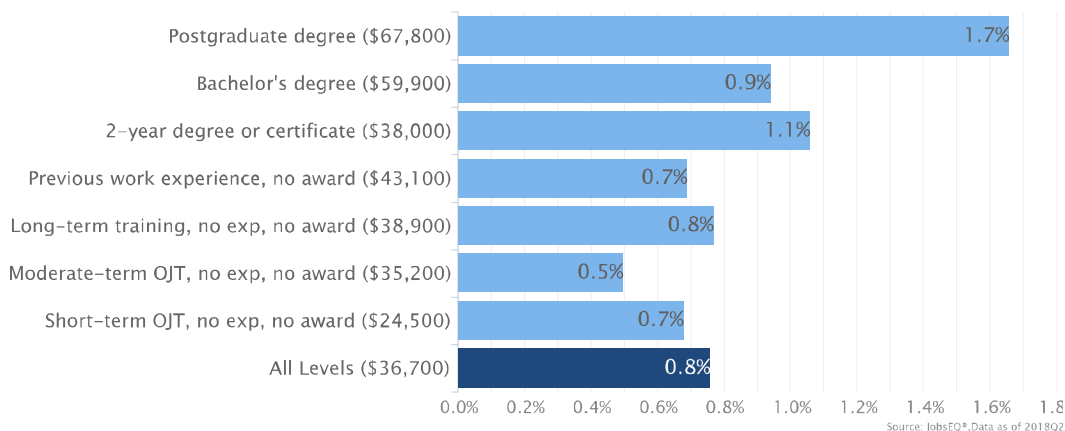
**October 1, 2018**

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# Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in the City of Forsyth, MO is projected to grow 0.8% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 1.7% per year, those requiring a bachelor's degree are forecast to grow 0.9% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 1.1% per year.

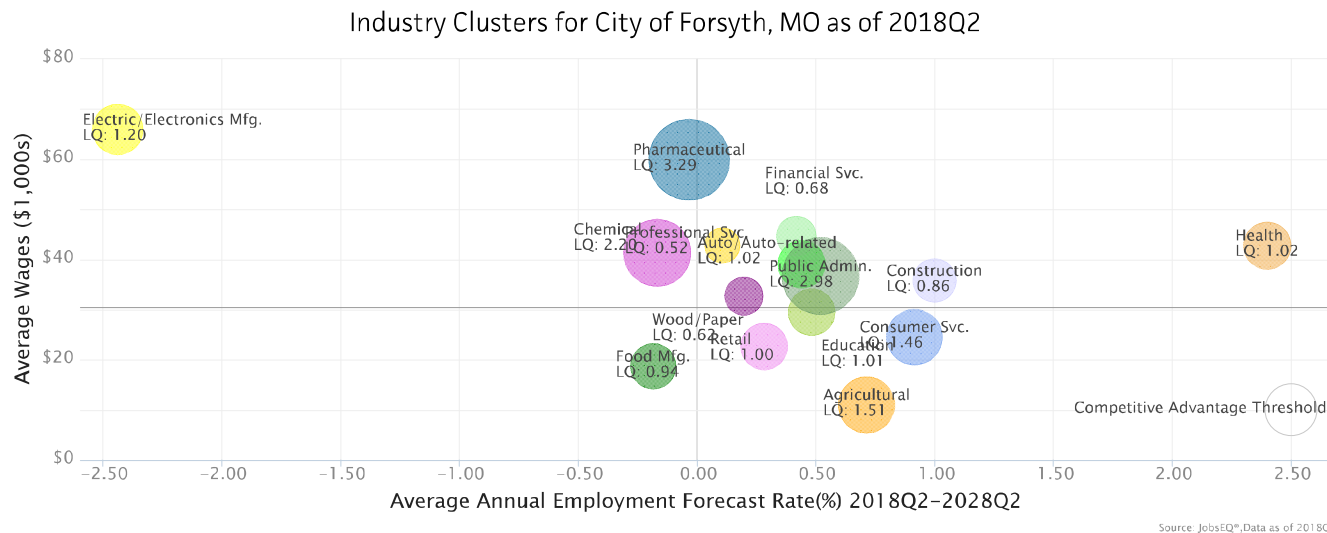
Annual Average Projected Job Growth by Training Required for City of Forsyth, MO



Employment by occupation data are estimates as of 2018Q2. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the City of Forsyth, MO with the highest relative concentration is Pharmaceutical with a location quotient of 3.29. This cluster employs 11 workers in the region with an average wage of \$59,899. Employment in the Pharmaceutical cluster is projected to contract in the region about 0.0% per year over the next ten years.



Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2017Q4 with preliminary estimates updated to 2018Q2. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Occupation Snapshot

The largest major occupation group in the City of Forsyth, MO is Office and Administrative Support Occupations, employing 253 workers. The next-largest occupation groups in the region are Sales and Related Occupations (217 workers) and Food Preparation and Serving Related Occupations (170). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Community and Social Service Occupations (LQ = 2.17), Protective Service Occupations (2.04), and Sales and Related Occupations (1.24).

Occupation groups in the City of Forsyth, MO with the highest average wages per worker are Computer and Mathematical Occupations (\$70,600), Management Occupations (\$70,000), and Legal Occupations (\$68,200). The unemployment rate in the region varied among the major groups from 1.4% among Healthcare Practitioners and Technical Occupations to 6.7% among Construction and Extraction Occupations.

Over the next 10 years, the fastest growing occupation group in the City of Forsyth, MO is expected to be Healthcare Support Occupations with a +2.7% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+18 jobs) and Healthcare Practitioners and Technical Occupations (+16). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Sales and Related Occupations (321 jobs) and Food Preparation and Serving Related Occupations (298).

Occupation Snapshot in City of Forsyth, MO, 2018q2

| SOC     | Occupation                                     | Current                          |                            |      |                  |             | 10-Year History |                       | 10-Year Forecast |       |              |      |              |
|---------|------------------------------------------------|----------------------------------|----------------------------|------|------------------|-------------|-----------------|-----------------------|------------------|-------|--------------|------|--------------|
|         |                                                | Four Quarters Ending with 2018q2 |                            |      | -----2018q2----- |             | Total Change    | Avg Ann % Chg in Empl |                  |       |              |      |              |
|         |                                                | Empl                             | Avg Ann Wages <sup>1</sup> | LQ   | Unempl           | Unempl Rate |                 |                       | --Separations--  |       | ---Growth--- |      |              |
|         |                                                |                                  |                            |      |                  |             | Empl            | Region                | Total New Demand | Exits | Transfer     | Empl | Avg Ann Rate |
| 11-0000 | Management                                     | 105                              | \$70,000                   | 1.01 | 1                | 1.4%        | -12             | -1.1%                 | 92               | 37    | 46           | 9    | 0.8%         |
| 13-0000 | Business and Financial Operations              | 41                               | \$59,300                   | 0.46 | 1                | 3.0%        | -4              | -0.8%                 | 41               | 13    | 25           | 4    | 0.9%         |
| 15-0000 | Computer and Mathematical                      | 22                               | \$70,600                   | 0.43 | 0                | n/a         | -4              | -1.7%                 | 16               | 4     | 11           | 2    | 0.8%         |
| 17-0000 | Architecture and Engineering                   | 22                               | \$66,000                   | 0.76 | 0                | n/a         | -3              | -1.4%                 | 18               | 6     | 11           | 1    | 0.6%         |
| 19-0000 | Life, Physical, and Social Science             | 13                               | \$50,600                   | 0.96 | 0                | n/a         | 6               | 6.0%                  | 13               | 4     | 8            | 1    | 0.9%         |
| 21-0000 | Community and Social Service                   | 59                               | \$39,800                   | 2.17 | 0                | n/a         | 34              | 8.7%                  | 78               | 25    | 42           | 11   | 1.7%         |
| 23-0000 | Legal                                          | 8                                | \$68,200                   | 0.55 | 0                | n/a         | -12             | -8.8%                 | 5                | 2     | 3            | 1    | 0.9%         |
| 25-0000 | Education, Training, and Library               | 91                               | \$39,900                   | 0.94 | 2                | 3.3%        | 30              | 4.1%                  | 83               | 39    | 38           | 6    | 0.6%         |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media | 21                               | \$40,200                   | 0.68 | 1                | 2.5%        | -13             | -4.6%                 | 21               | 9     | 11           | 1    | 0.6%         |
| 29-0000 | Healthcare Practitioners and Technical         | 85                               | \$54,800                   | 0.87 | 1                | 1.4%        | 15              | 2.0%                  | 67               | 24    | 27           | 16   | 1.8%         |
| 31-0000 | Healthcare Support                             | 59                               | \$25,700                   | 1.23 | 1                | 3.6%        | 26              | 5.9%                  | 92               | 39    | 35           | 18   | 2.7%         |
| 33-0000 | Protective Service                             | 75                               | \$39,200                   | 2.04 | 1                | 3.6%        | 0               | 0.0%                  | 74               | 32    | 37           | 5    | 0.6%         |
| 35-0000 | Food Preparation and Serving Related           | 170                              | \$21,400                   | 1.16 | 8                | 6.6%        | -3              | -0.2%                 | 313              | 133   | 165          | 16   | 0.9%         |
| 37-0000 | Building and Grounds Cleaning and Maintenance  | 71                               | \$25,000                   | 1.18 | 3                | 4.8%        | -10             | -1.3%                 | 98               | 47    | 45           | 6    | 0.9%         |
| 39-0000 | Personal Care and Service                      | 61                               | \$24,600                   | 0.91 | 3                | 5.9%        | 18              | 3.6%                  | 114              | 50    | 51           | 13   | 2.0%         |
| 41-0000 | Sales and Related                              | 217                              | \$29,000                   | 1.24 | 7                | 4.9%        | 6               | 0.3%                  | 324              | 146   | 175          | 3    | 0.2%         |

### Occupation Snapshot in City of Forsyth, MO, 2018q2

| SOCOccupation           |                                       | Current                   |          |                |      |        | 10-Year History     |                             | 10-Year Forecast |      |                 |              |       |
|-------------------------|---------------------------------------|---------------------------|----------|----------------|------|--------|---------------------|-----------------------------|------------------|------|-----------------|--------------|-------|
|                         |                                       | Four Quarters Ending with |          |                |      |        | Total<br>Change     | Avg Ann %<br>Chg in<br>Empl |                  |      |                 |              |       |
|                         |                                       | 2018q2                    |          |                |      |        |                     |                             |                  |      |                 |              |       |
|                         |                                       | -----2018q2-----          |          |                |      |        |                     |                             | --Separations--  |      |                 | ---Growth--- |       |
| Empl                    | Avg Ann<br>Wages <sup>1</sup>         | LQ                        | Unempl   | Unempl<br>Rate | Empl | Region | Total New<br>Demand | Exits                       | Transfer         | Empl | Avg Ann<br>Rate |              |       |
| 43-0000                 | Office and Administrative Support     | 253                       | \$30,200 | 1.00           | 5    | 3.8%   | 24                  | 1.0%                        | 287              | 131  | 151             | 5            | 0.2%  |
| 45-0000                 | Farming, Fishing, and Forestry        | 13                        | \$30,300 | 1.12           | 0    | n/a    | 7                   | 8.7%                        | 19               | 5    | 14              | 0            | 0.4%  |
| 47-0000                 | Construction and Extraction           | 74                        | \$41,500 | 0.95           | 2    | 6.7%   | -47                 | -4.8%                       | 87               | 29   | 49              | 9            | 1.1%  |
| 49-0000                 | Installation, Maintenance, and Repair | 74                        | \$35,100 | 1.12           | 1    | 3.1%   | 13                  | 2.0%                        | 79               | 29   | 44              | 6            | 0.8%  |
| 51-0000                 | Production                            | 86                        | \$33,400 | 0.83           | 2    | 4.5%   | 12                  | 1.6%                        | 94               | 36   | 60              | -2           | -0.2% |
| 53-0000                 | Transportation and Material Moving    | 97                        | \$34,200 | 0.82           | 3    | 5.1%   | 36                  | 4.8%                        | 120              | 49   | 67              | 4            | 0.4%  |
| Total - All Occupations |                                       | 1,716                     | \$36,700 | 1.00           | n/a  | n/a    | 122                 | 0.7%                        | 2,137            | 888  | 1,115           | 135          | 0.8%  |

Source: [JobsEQ®](#)

Data as of 2018Q2 unless noted otherwise

Note: Figures may not sum due to rounding.

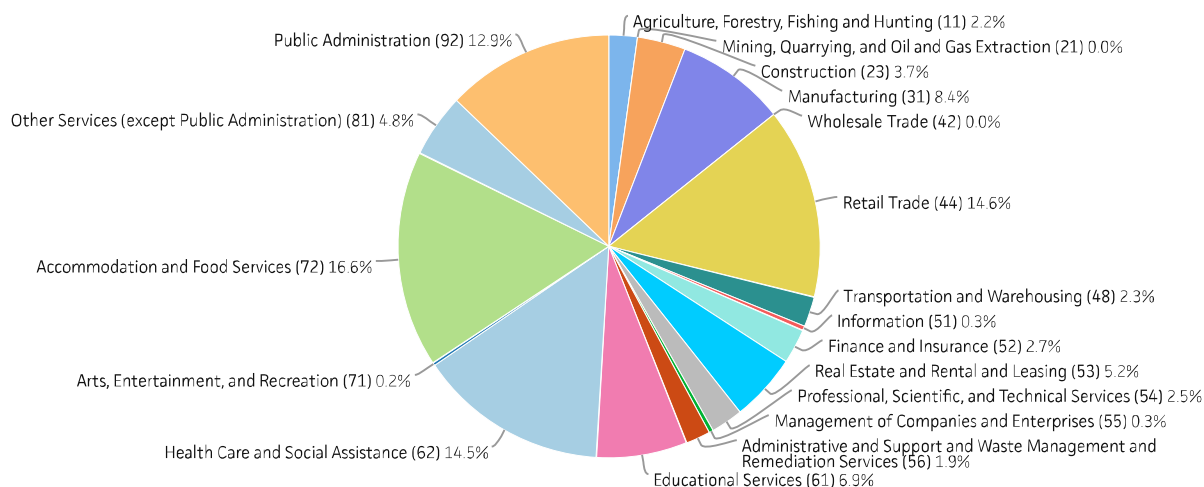
1. Occupation wages are as of 2017 and should be taken as the average for all Covered Employment

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2017Q4, imputed where necessary with preliminary estimates updated to 2018Q2. Wages by occupation are as of 2017 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

# Industry Snapshot

The largest sector in the City of Forsyth, MO is Accommodation and Food Services, employing 285 workers. The next-largest sectors in the region are Retail Trade (250 workers) and Health Care and Social Assistance (249). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Real Estate and Rental and Leasing (LQ = 3.02), Public Administration (2.74), and Accommodation and Food Services (1.85).

Total Workers for City of Forsyth, MO by Industry



Source: JobsEQ®, Data as of 2018Q2

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2017Q4 with preliminary estimates updated to 2018Q2.

Sectors in the City of Forsyth, MO with the highest average wages per worker are Management of Companies and Enterprises (\$79,449), Professional, Scientific, and Technical Services (\$49,023), and Finance and Insurance (\$47,178). Regional sectors with the best job growth (or most moderate job losses) over the last 10 years are Health Care and Social Assistance (+102 jobs), Real Estate and Rental and Leasing (+84), and Educational Services (+40).

Over the next 10 years, employment in the City of Forsyth, MO is projected to expand by 140 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +2.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+67 jobs), Accommodation and Food Services (+30), and Public Administration (+12).

| NAICS                         | Industry                                                                 | Current                          |                 |             | 10-Year History |                       | 10-Year Forecast          |            |              |              |              |
|-------------------------------|--------------------------------------------------------------------------|----------------------------------|-----------------|-------------|-----------------|-----------------------|---------------------------|------------|--------------|--------------|--------------|
|                               |                                                                          | Four Quarters Ending with 2018q2 |                 |             | Total Change    | Avg Ann % Chg in Empl | Separations (Approximate) |            |              | ---Growth--- |              |
|                               |                                                                          | Empl                             | Avg Ann Wages   | LQ          | Empl            | Region                | Total New Demand          | Exits      | Transfers    | Empl         | Avg Ann Rate |
| 11                            | Agriculture, Forestry, Fishing and Hunting                               | 37                               | \$10,538        | 1.57        | -10             | -2.4%                 | 44                        | 18         | 24           | 3            | 0.7%         |
| 21                            | Mining, Quarrying, and Oil and Gas Extraction                            | 0                                | n/a             | 0.00        | -4              | n/a                   | 0                         | 0          | 0            | 0            | 0.9%         |
| 22                            | Utilities                                                                | 0                                | n/a             | 0.00        | -16             | n/a                   | 0                         | 0          | 0            | 0            |              |
| 23                            | Construction                                                             | 63                               | \$35,405        | 0.65        | -72             | -7.3%                 | 75                        | 24         | 42           | 9            | 1.3%         |
| 31                            | Manufacturing                                                            | 145                              | \$37,410        | 1.03        | 24              | 1.8%                  | 142                       | 55         | 93           | -6           | -0.4%        |
| 44                            | Retail Trade                                                             | 250                              | \$22,144        | 1.37        | 37              | 1.6%                  | 345                       | 149        | 189          | 7            | 0.3%         |
| 48                            | Transportation and Warehousing                                           | 40                               | \$33,238        | 0.52        | 38              | 35.7%                 | 47                        | 19         | 25           | 3            | 0.8%         |
| 51                            | Information                                                              | 6                                | \$37,481        | 0.18        | -13             | -11.0%                | 7                         | 2          | 4            | 1            | 1.6%         |
| 52                            | Finance and Insurance                                                    | 46                               | \$47,178        | 0.67        | 15              | 4.2%                  | 46                        | 17         | 27           | 2            | 0.4%         |
| 53                            | Real Estate and Rental and Leasing                                       | 89                               | \$33,542        | 3.02        | 84              | 34.1%                 | 87                        | 41         | 49           | -2           | -0.3%        |
| 54                            | Professional, Scientific, and Technical Services                         | 42                               | \$49,023        | 0.37        | -59             | -8.4%                 | 41                        | 14         | 23           | 4            | 0.8%         |
| 55                            | Management of Companies and Enterprises                                  | 6                                | \$79,449        | 0.22        | 3               | 6.7%                  | 6                         | 2          | 3            | 0            | 0.7%         |
| 56                            | Administrative and Support and Waste Management and Remediation Services | 32                               | \$36,805        | 0.29        | -67             | -10.6%                | 37                        | 16         | 21           | 0            | -0.1%        |
| 61                            | Educational Services                                                     | 119                              | \$34,104        | 0.85        | 40              | 4.2%                  | 118                       | 54         | 58           | 5            | 0.4%         |
| 62                            | Health Care and Social Assistance                                        | 249                              | \$40,797        | 1.02        | 102             | 5.4%                  | 330                       | 129        | 134          | 67           | 2.4%         |
| 71                            | Arts, Entertainment, and Recreation                                      | 3                                | \$31,364        | 0.10        | -7              | -10.1%                | 5                         | 2          | 3            | 0            | 1.2%         |
| 72                            | Accommodation and Food Services                                          | 285                              | \$23,232        | 1.85        | -2              | -0.1%                 | 515                       | 215        | 270          | 30           | 1.0%         |
| 81                            | Other Services (except Public Administration)                            | 83                               | \$21,697        | 1.11        | 23              | 3.3%                  | 102                       | 44         | 53           | 5            | 0.6%         |
| 92                            | Public Administration                                                    | 221                              | \$35,733        | 2.74        | 6               | 0.3%                  | 219                       | 88         | 120          | 12           | 0.5%         |
| <b>Total - All Industries</b> |                                                                          | <b>1,716</b>                     | <b>\$30,547</b> | <b>1.00</b> | <b>122</b>      | <b>0.7%</b>           | <b>2,085</b>              | <b>833</b> | <b>1,112</b> | <b>140</b>   | <b>0.8%</b>  |

Source: [JobsEQ®](#)

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2017Q4 with preliminary estimates updated to 2018Q2. Forecast employment growth uses national projections adapted for regional growth patterns.



# Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 14.0% lower in City of Forsyth, MO than the U.S. average.

## Cost of Living Information

|                     | Annual Average Salary | Cost of Living Index |                     |
|---------------------|-----------------------|----------------------|---------------------|
|                     |                       | (Base US)            | US Purchasing Power |
| City of Forsyth, MO | \$30,547              | 86.0                 | \$35,511            |
| Missouri            | \$46,961              | 89.3                 | \$52,595            |
| USA                 | \$55,223              | 100.0                | \$55,223            |

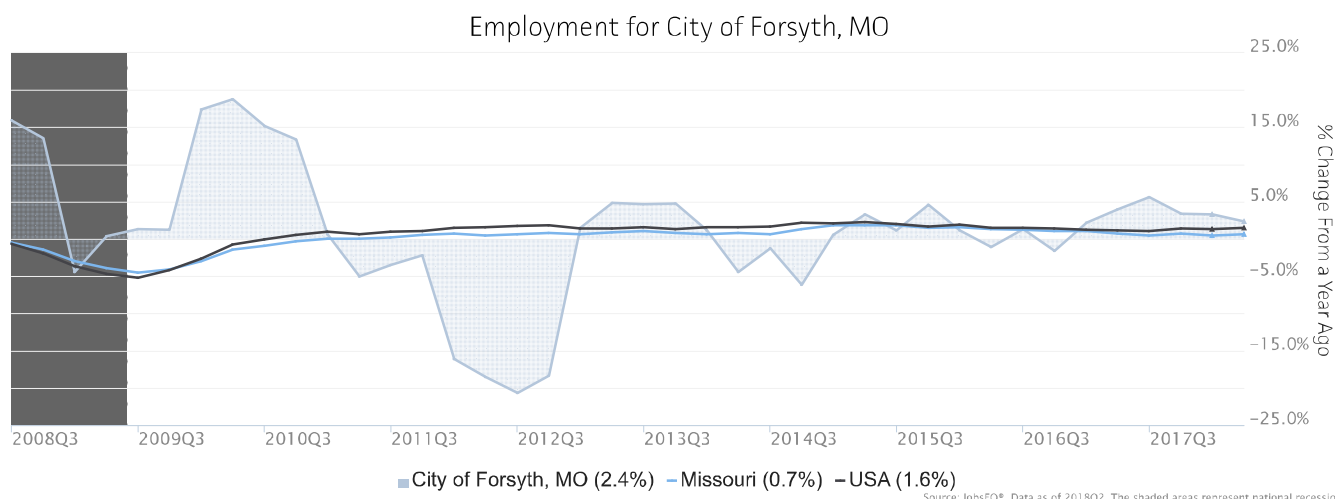
Source: [JobsEQ®](#)

Data as of 2018Q2

Cost of Living per C2ER, data as of 2018q1, imputed by Chmura where necessary.

# Employment Trends

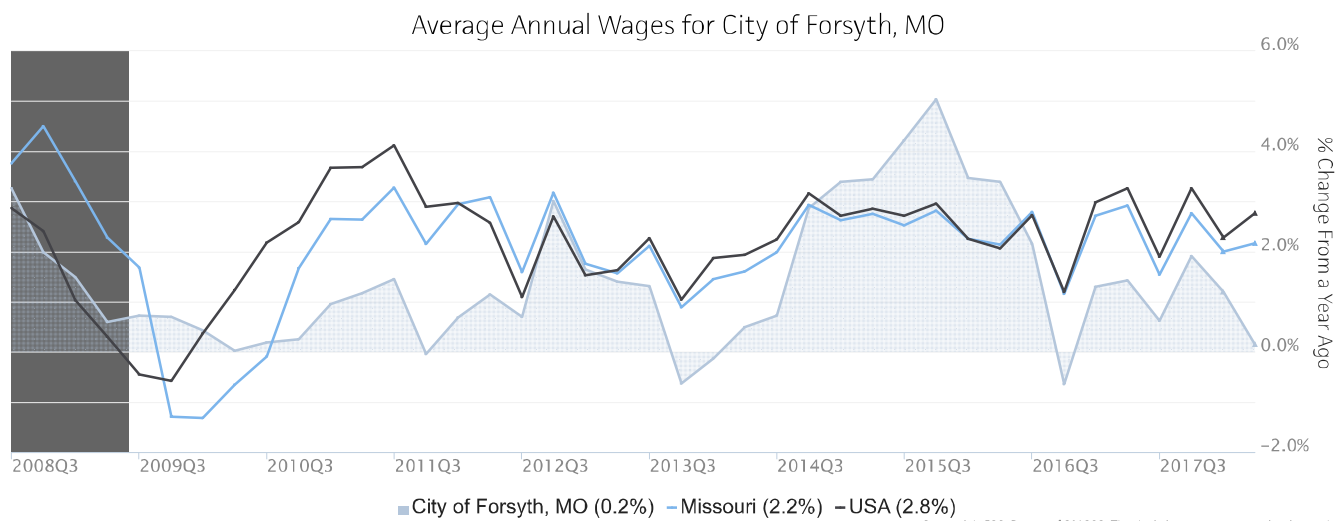
As of 2018Q2, total employment for the City of Forsyth, MO was 1,716 (based on a four-quarter moving average). Over the year ending 2018Q2, employment increased 2.4% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2017Q4 with preliminary estimates updated to 2018Q2.

# Wage Trends

The average worker in the City of Forsyth, MO earned annual wages of \$30,547 as of 2018Q2. Average annual wages per worker increased 0.2% in the region during the preceding four quarters. For comparison purposes, annual average wages were \$55,223 in the nation as of 2018Q2.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2017Q4 with preliminary estimates updated to 2018Q2.

# Demographic Profile

The population in the City of Forsyth, MO was 2,373 per American Community Survey data for 2012-2016.

The region has a civilian labor force of 894 with a participation rate of 45.1%. Of individuals 25 to 64 in the City of Forsyth, MO, 23.2% have a bachelor's degree or higher which compares with 31.8% in the nation.

The median household income in the City of Forsyth, MO is \$36,360 and the median house value is \$121,000.

## Summary<sup>1</sup>

|                                                                                 | Percent                |          |       | Value                  |           |             |
|---------------------------------------------------------------------------------|------------------------|----------|-------|------------------------|-----------|-------------|
|                                                                                 | City of Forsyth,<br>MO | Missouri | USA   | City of Forsyth,<br>MO | Missouri  | USA         |
| <b>Demographics</b>                                                             |                        |          |       |                        |           |             |
| Population (ACS)                                                                | —                      | —        | —     | 2,373                  | 6,059,651 | 318,558,162 |
| Male                                                                            | 48.3%                  | 49.1%    | 49.2% | 1,146                  | 2,973,317 | 156,765,322 |
| Female                                                                          | 51.7%                  | 50.9%    | 50.8% | 1,227                  | 3,086,334 | 161,792,840 |
| Median Age <sup>2</sup>                                                         | —                      | —        | —     | 48.5                   | 38.3      | 37.7        |
| Under 18 Years                                                                  | 19.9%                  | 23.0%    | 23.1% | 473                    | 1,395,124 | 73,612,438  |
| 18 to 24 Years                                                                  | 8.1%                   | 9.8%     | 9.8%  | 192                    | 591,150   | 31,296,577  |
| 25 to 34 Years                                                                  | 11.2%                  | 13.2%    | 13.6% | 266                    | 800,229   | 43,397,907  |
| 35 to 44 Years                                                                  | 7.4%                   | 12.1%    | 12.7% | 176                    | 731,234   | 40,548,400  |
| 45 to 54 Years                                                                  | 15.0%                  | 13.5%    | 13.6% | 357                    | 820,875   | 43,460,466  |
| 55 to 64 Years                                                                  | 10.5%                  | 13.1%    | 12.6% | 250                    | 791,105   | 40,061,742  |
| 65 to 74 Years                                                                  | 13.4%                  | 8.6%     | 8.3%  | 318                    | 524,097   | 26,355,308  |
| 75 Years, and Over                                                              | 14.4%                  | 6.7%     | 6.2%  | 341                    | 405,837   | 19,825,324  |
| Race: White                                                                     | 91.6%                  | 82.5%    | 73.3% | 2,174                  | 5,000,875 | 233,657,078 |
| Race: Black or African American                                                 | 0.9%                   | 11.6%    | 12.6% | 22                     | 701,896   | 40,241,818  |
| Race: American Indian and Alaska Native                                         | 0.4%                   | 0.4%     | 0.8%  | 9                      | 25,641    | 2,597,817   |
| Race: Asian                                                                     | 1.1%                   | 1.8%     | 5.2%  | 27                     | 107,953   | 16,614,625  |
| Race: Native Hawaiian and Other Pacific Islander                                | 0.0%                   | 0.1%     | 0.2%  | 0                      | 6,479     | 560,021     |
| Race: Some Other Race                                                           | 2.9%                   | 1.1%     | 4.8%  | 69                     | 68,766    | 15,133,856  |
| Race: Two or More Races                                                         | 3.0%                   | 2.4%     | 3.1%  | 72                     | 148,041   | 9,752,947   |
| Hispanic or Latino (of any race)                                                | 6.4%                   | 3.9%     | 17.3% | 151                    | 237,284   | 55,199,107  |
| <b>Economic</b>                                                                 |                        |          |       |                        |           |             |
| Labor Force Participation Rate and Size (civilian population 16 years and over) | 45.1%                  | 63.2%    | 63.3% | 894                    | 3,035,326 | 159,807,099 |
| Armed Forces Labor Force                                                        | 0.0%                   | 0.4%     | 0.4%  | 0                      | 19,699    | 1,011,641   |
| Veterans, Age 18-64                                                             | 6.0%                   | 6.1%     | 5.1%  | 75                     | 226,639   | 10,165,671  |
| Veterans Labor Force Participation Rate and Size, Age 18-64                     | 62.7%                  | 72.9%    | 75.4% | 47                     | 165,245   | 7,664,089   |
| Median Household Income <sup>2</sup>                                            | —                      | —        | —     | \$36,360               | \$49,593  | \$55,322    |
| Per Capita Income                                                               | —                      | —        | —     | \$20,380               | \$27,044  | \$29,829    |
| Poverty Level (of all people)                                                   | 19.1%                  | 15.3%    | 15.1% | 398                    | 897,755   | 46,932,225  |
| Households Receiving Food Stamps                                                | 10.2%                  | 13.0%    | 13.0% | 89                     | 308,375   | 15,360,951  |
| Mean Commute Time (minutes)                                                     | —                      | —        | —     | 28.0                   | 23.4      | 26.1        |
| Commute via Public Transportation                                               | 0.0%                   | 1.5%     | 5.1%  | 0                      | 41,741    | 7,476,312   |
| <b>Educational Attainment, Age 25-64</b>                                        |                        |          |       |                        |           |             |
| No High School Diploma                                                          | 10.1%                  | 9.5%     | 11.6% | 106                    | 297,839   | 19,478,050  |
| High School Graduate                                                            | 35.9%                  | 29.0%    | 26.1% | 377                    | 912,118   | 43,788,541  |
| Some College, No Degree                                                         | 25.3%                  | 23.3%    | 21.5% | 265                    | 732,065   | 36,025,193  |

## Summary<sup>1</sup>

|                                                                        | Percent                |          |       | Value                  |           |             |
|------------------------------------------------------------------------|------------------------|----------|-------|------------------------|-----------|-------------|
|                                                                        | City of Forsyth,<br>MO | Missouri | USA   | City of Forsyth,<br>MO | Missouri  | USA         |
| Associate's Degree                                                     | 5.5%                   | 8.6%     | 8.9%  | 58                     | 268,895   | 14,962,488  |
| Bachelor's Degree                                                      | 15.5%                  | 18.9%    | 20.2% | 163                    | 595,503   | 33,845,524  |
| Postgraduate Degree                                                    | 7.6%                   | 10.7%    | 11.6% | 80                     | 337,023   | 19,368,719  |
| <b>Housing</b>                                                         |                        |          |       |                        |           |             |
| Total Housing Units                                                    | —                      | —        | —     | 1,078                  | 2,738,774 | 134,054,899 |
| Median House Value (of owner-occupied units) <sup>2</sup>              | —                      | —        | —     | \$121,000              | \$141,200 | \$184,700   |
| Homeowner Vacancy                                                      | 3.6%                   | 2.0%     | 1.8%  | 21                     | 32,260    | 1,395,797   |
| Rental Vacancy                                                         | 0.0%                   | 6.7%     | 6.2%  | 0                      | 56,925    | 2,855,844   |
| Renter-Occupied Housing Units (% of Occupied Units)                    | 34.9%                  | 33.2%    | 36.4% | 305                    | 787,627   | 42,835,169  |
| Occupied Housing Units with No Vehicle Available (% of Occupied Units) | 4.6%                   | 7.3%     | 9.0%  | 40                     | 172,972   | 10,562,847  |
| <b>Social</b>                                                          |                        |          |       |                        |           |             |
| Enrolled in Grade 12 (% of total population)                           | 1.5%                   | 1.3%     | 1.4%  | 35                     | 77,346    | 4,433,703   |
| Disconnected Youth <sup>4</sup>                                        | 10.7%                  | 3.0%     | 2.8%  | 16                     | 9,631     | 485,589     |
| Children in Single Parent Families (% of all children)                 | 20.4%                  | 34.5%    | 34.7% | 82                     | 453,705   | 24,318,038  |
| With a Disability, Age 18-64                                           | 16.9%                  | 12.7%    | 10.3% | 181                    | 463,847   | 20,188,257  |
| With a Disability, Age 18-64, Labor Force Participation Rate and Size  | 9.9%                   | 40.0%    | 41.0% | 18                     | 185,483   | 8,278,834   |
| Foreign Born                                                           | 5.1%                   | 3.9%     | 13.2% | 120                    | 236,079   | 42,194,354  |
| Speak English Less Than Very Well (population 5 yrs and over)          | 2.0%                   | 2.1%     | 8.5%  | 44                     | 120,716   | 25,440,956  |
| <b>Union Membership</b>                                                |                        |          |       |                        |           |             |
| Total <sup>3</sup>                                                     | 8.1%                   | 8.8%     | 10.7% | —                      | —         | —           |
| Private Sector <sup>3</sup>                                            | 6.1%                   | 7.2%     | 6.4%  | —                      | —         | —           |
| Manufacturing <sup>3</sup>                                             | 17.3%                  | 14.4%    | 8.7%  | —                      | —         | —           |
| Public Sector <sup>3</sup>                                             | 14.0%                  | 18.2%    | 35.1% | —                      | —         | —           |

Source: [JobsEQ®](#)

1. American Community Survey 2012-2016, unless noted otherwise

2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

3. 2017; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

4. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

# FAQ

## What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

## What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

## What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

## What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

## What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

## What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.



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