



# Regional Data Snapshot

*Population, Economy & Education Features*

SET Civic Forum

## Ozark Foothills Region, Missouri



Center for Regional Development  
Advancing Collaboration : Energizing Regions

## Table of Contents

**01**

Overview

**03**

Human Capital

**02**

Demography

**04**

Labor Force

# 01 overview

**Ozark Foothills Region, MO**

---

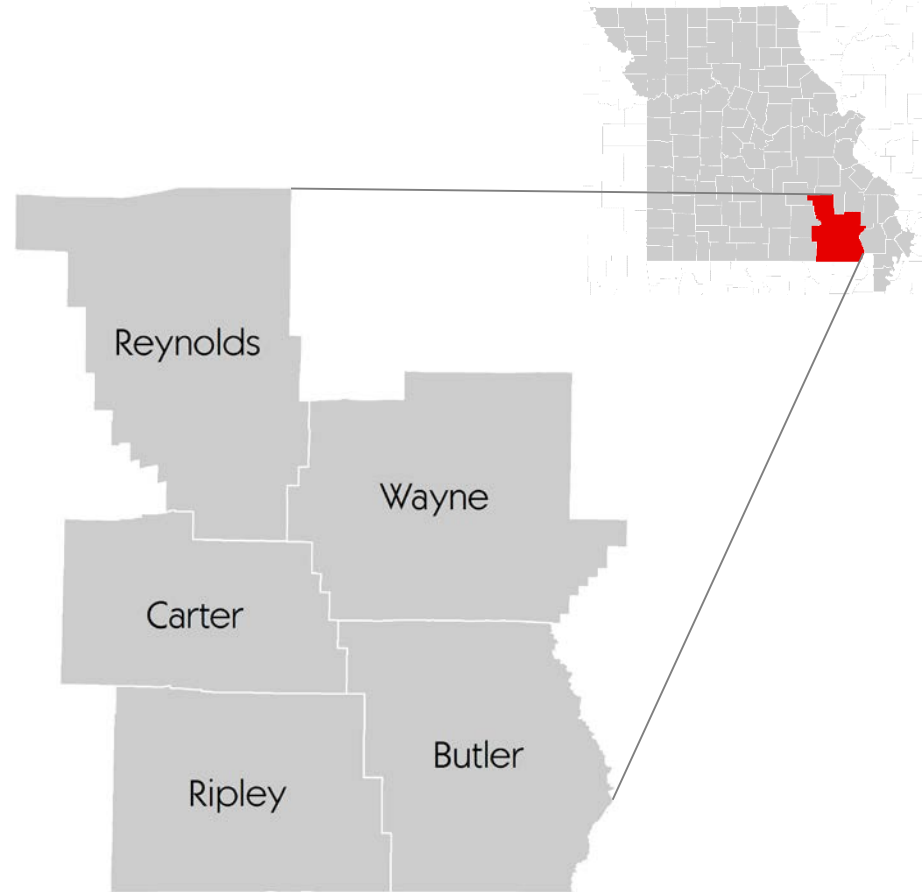
**What is a regional snapshot?**

## Overview

# Ozark Foothills Region, MO

The Ozark Foothills Region is comprised of 5 Missouri counties. State Highway 60 connects the region to I-55 in the East.

- Butler
- Carter
- Reynolds
- Ripley
- Wayne



## Overview

# What is a regional snapshot?

### What is the snapshot?

This snapshot is a demographic and economic assessment of the Ozark Foothills region in Missouri. Using county-level data to form the region, PCRCD analyzed a number of indicators to gauge the overall economic performance of the Ozark Foothills region in comparison to the rest of the state.

### What is its purpose?

The snapshot is intended to inform the region's leaders, organizations and residents of the key attributes of the region's population and economy. In particular, it takes stock of the region's important assets and challenges. With such data in hand, regional leaders and organizations are in a better position to invest in the mix of strategies that will spur the growth of the economy and provide a higher quality of life for residents of the region.

### What are its focus areas?

PCRCD secured and analyzed recent data from both public and private sources to generate the snapshot. In order to build a more comprehensive picture of the region, the report presents information under three key categories.

- Demography
- Human Capital
- Labor Force

When appropriate or relevant, the report compares information on the region with data on the remainder of the state. By so doing, the region is better able to determine how well it is performing relative to the state on a variety of important metrics.

# 02 demography

**Population change**

---

**Age structure**

---

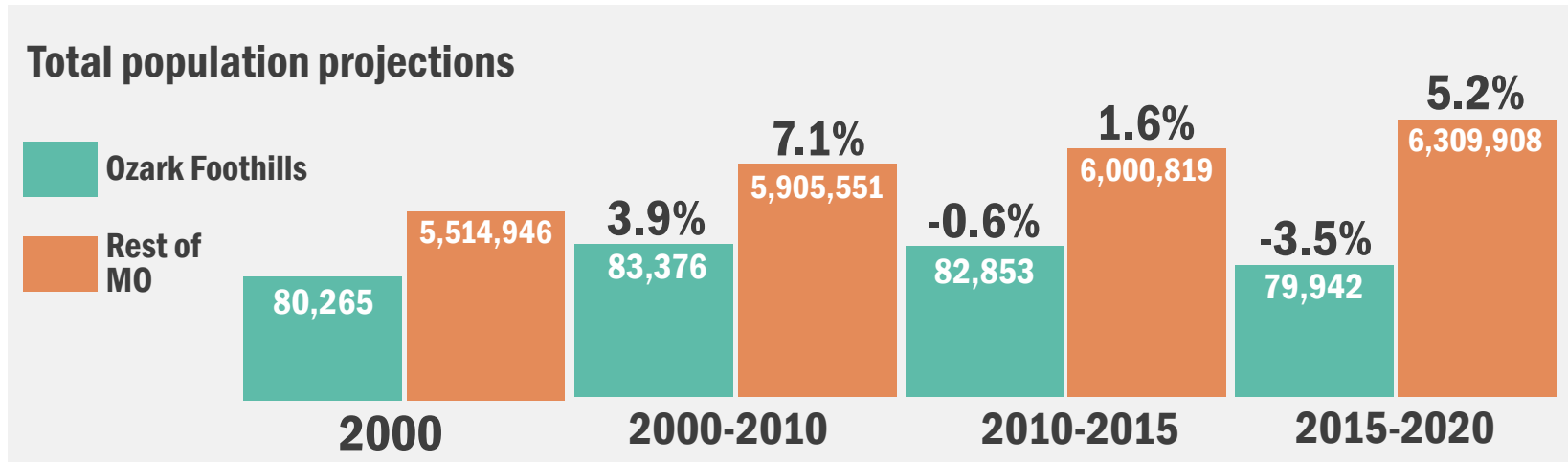
**Race/Ethnicity**

---

**Income and poverty**

## Demography

# Population Change



### Questions:

- How does the region's population trend compare to that of the state?
- What may be some of the elements driving the trends in the region? In the state?
- What strengths or challenges might these trends present?

## Demography

# Components of Population Change

	2000-2014
Total Change	2,147
Natural Increase	-225
International Migration	298
Domestic Migration**	2,074

### Questions:

- Which component contributes most to the population change?
- To what extent is net international migration or net domestic migration factors in fueling population change in the region?
- What are the implications of these trends for the region?

\* Note: 2000-2010 components of population change are estimated based on 2000 Census population while 2010-2014 components of population change are based on 2010 Census population. The total change estimated from components of population change might not match with the census numbers because of the residuals.

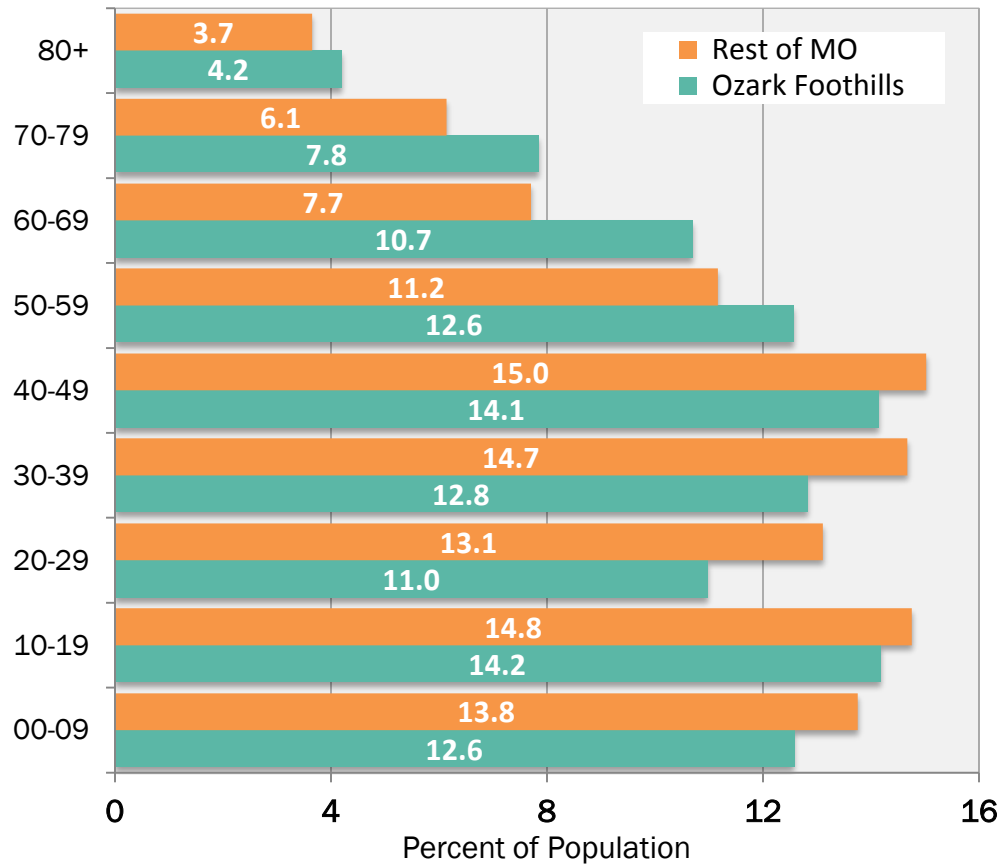
\*\* Domestic migration is estimated by analyzing the year-by-year IRS U.S. migration database from 2000 to 2014 accounting for the internal migration within the region. Please note that within a region in-and-out migration cancels each other.



## Demography

# Population Age Structure, 2000

A visual presentation of the age distribution of the population (in percent)

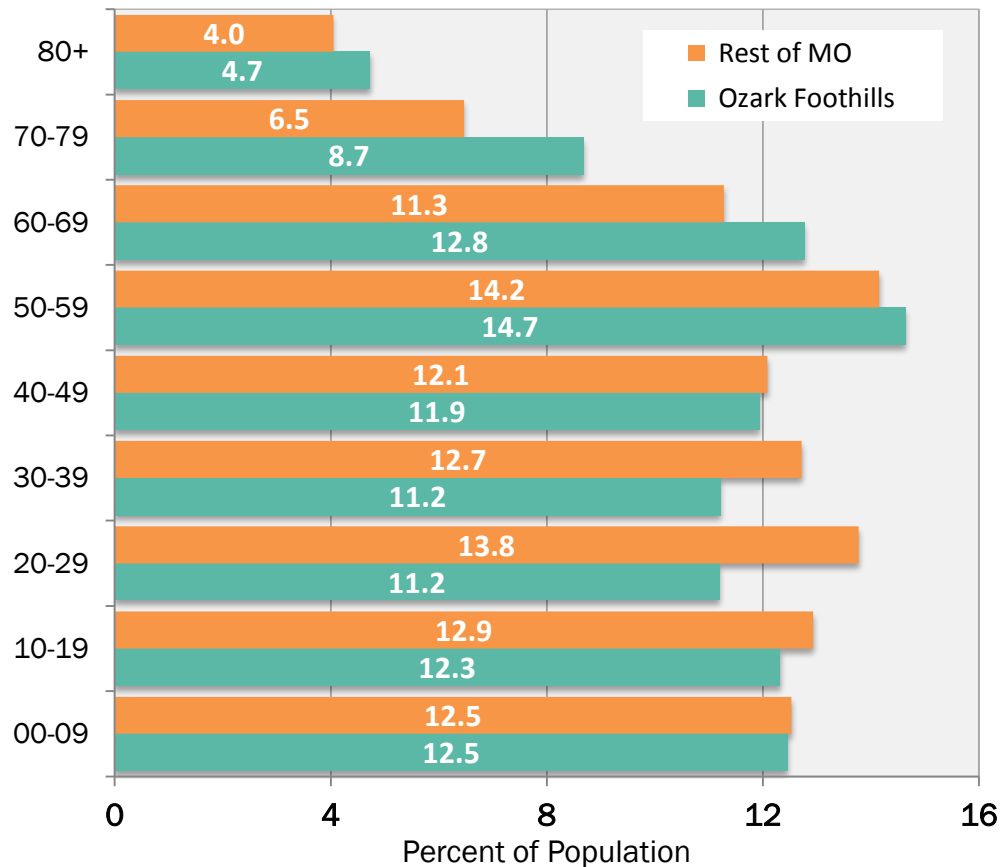


Notice the age distribution of the population in 2000 and compare it to information contained in the next slide.

## Demography

# Population Age Structure, 2015

A visual presentation of the age distribution of the population (in percent)

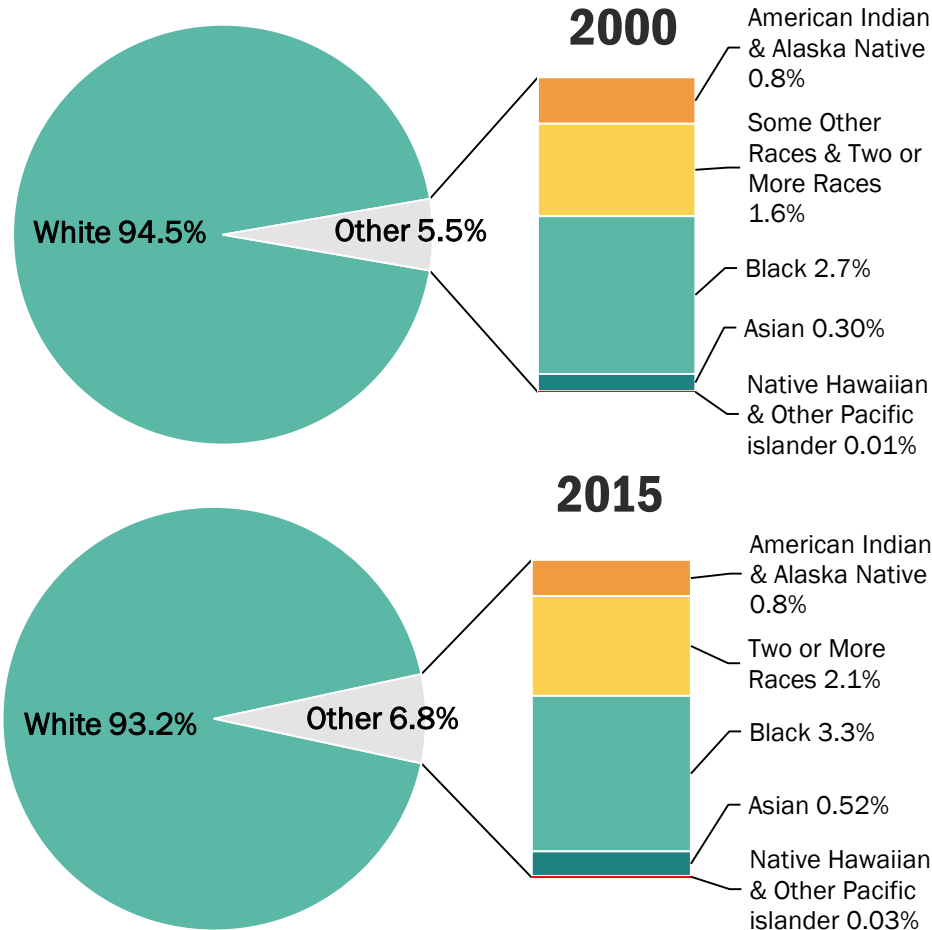


### Questions:

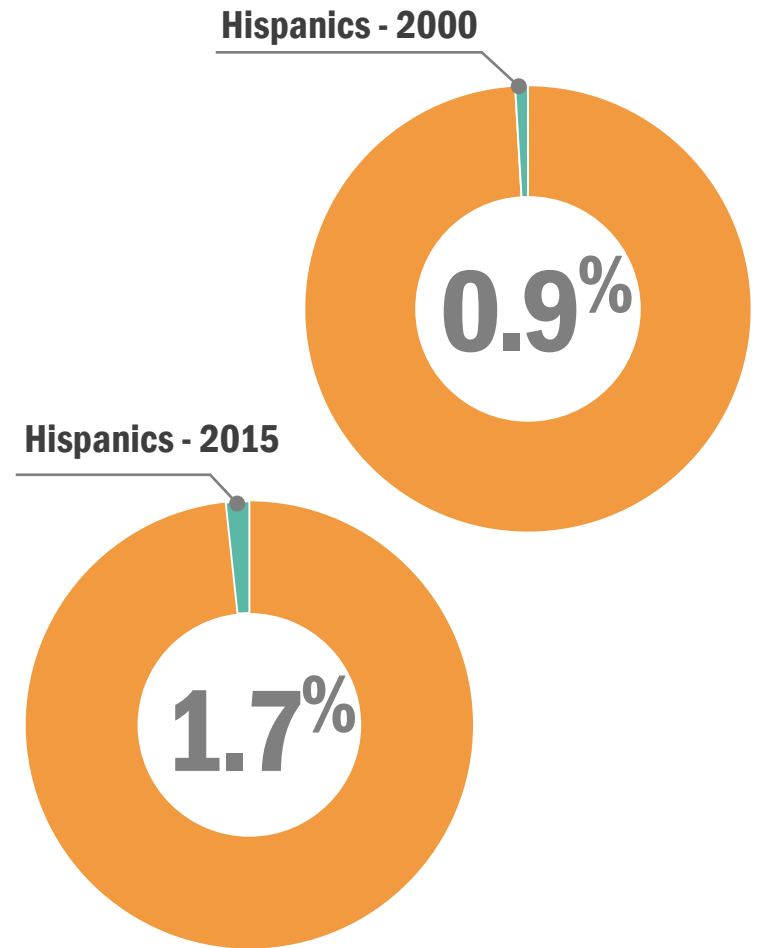
- Is the region experiencing an aging of its population? How does this compare to the rest of the state?
- Is there a sizable number of people of prime working age (20-49 years) in the region?
- Is the youth population (under 20 years old) growing or declining?
- What are the implications of the region's age structure on its economic development efforts?

# Demography

## Race



## Ethnicity



## Demography

# Income and Poverty

	2004	2009	2014
Total Population in Poverty	20.2%	23.9%	23.0%
Minors (Age 0-17) in Poverty	31.0%	37.0%	34.6%
Real Median Household Income* (\$ 2014)	\$35,011	\$33,232	\$33,400

### Questions:

- Is the poverty rate for individuals in the region getting better or worse?
- Is poverty for minors in the region lower or higher than the overall poverty rate for all individuals? Why?
- Has real median income (adjusted for inflation) improved or worsened over the 2004 to 2014 time period? What may be reasons for these changes?

### section 02

\* Note: Regional Median Household income is the population-weighted average of median household income values across the Ozark Foothills Region counties.

Source: U.S. Census Bureau – Small Area Income and Poverty Estimates (SAIPE)

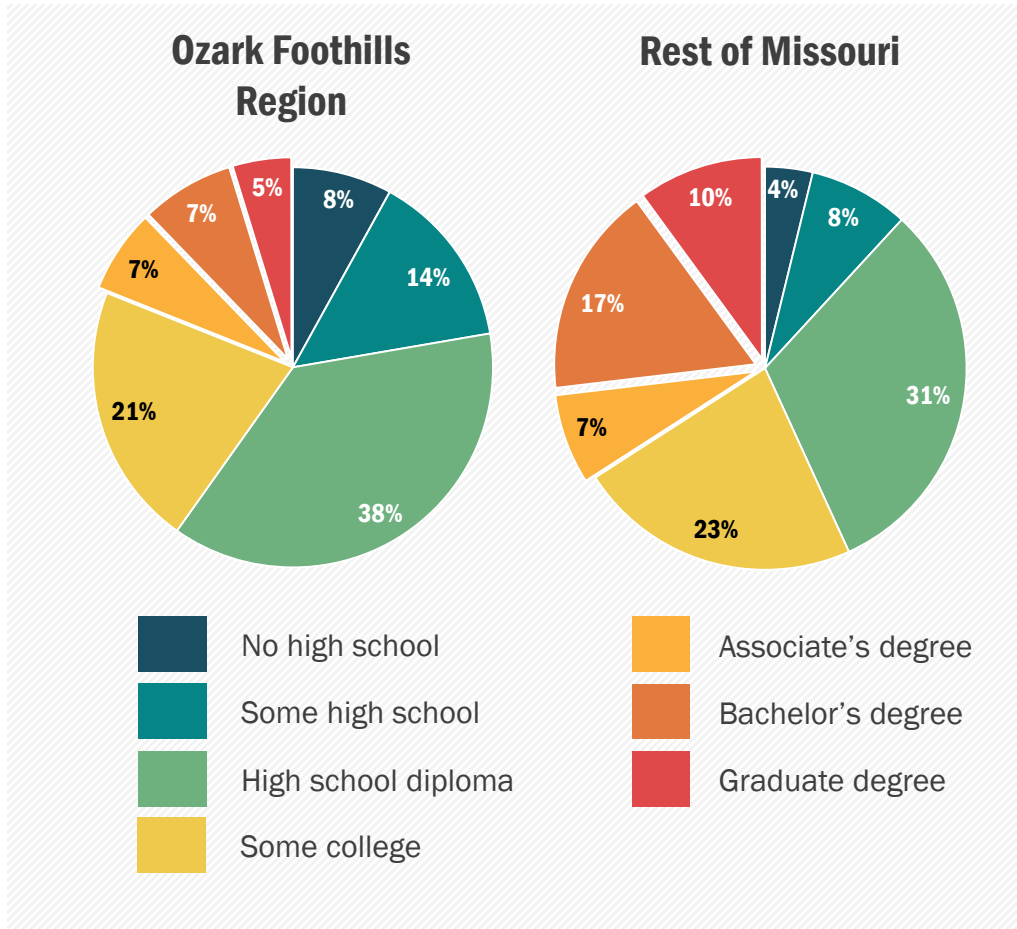
# 03 human capital

**Educational attainment**

---

**Patents**

# Educational Attainment, 2014



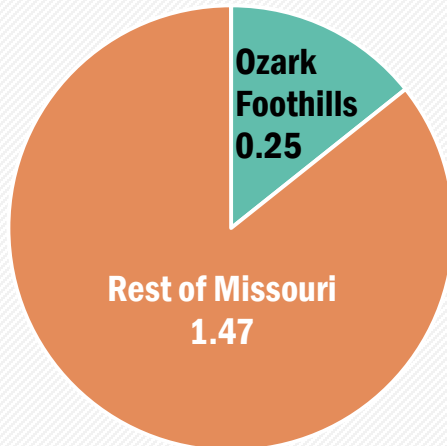
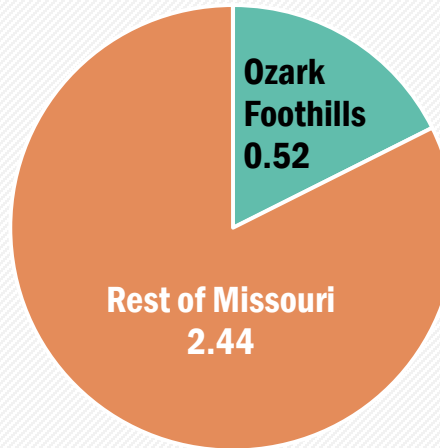
## Questions:

- What proportion of the adult population in the region has a high school education only?
- How many are college graduates (associate's, bachelors degree or higher)?
- How does the educational profile of the region compare to that of the rest of the state?
- What are the implications of the educational profile of the region in terms of the region's economic opportunities or workforce challenges?

# Patents

### Patents per 10,000 Jobs 2001-2014

From 2001 to 2014, Ozark Foothills Region counties were issued patents at a rate of 0.52 per 10,000 jobs, while the remaining Missouri counties garnered 2.44 patents per 10,000 jobs.



### Patents per 10,000 residents 2001-2014

From 2001 to 2014, 0.25 patents per 10,000 residents were issued in Ozark Foothills Region counties. The rest of Missouri amassed 1.47 patents per 10,000 residents.

Patenting trends are an important indicator of innovation in a region.

Commercializing this innovation can lead to long-term growth for regional economies.

### Questions:

- How does the region's patent rate compare to that of the rest of the state?
- How have rates changed over time?
- What might these data suggest for the future of the region?

# 04 labor force

---

**Unemployment rates**

---

**Earnings per worker**

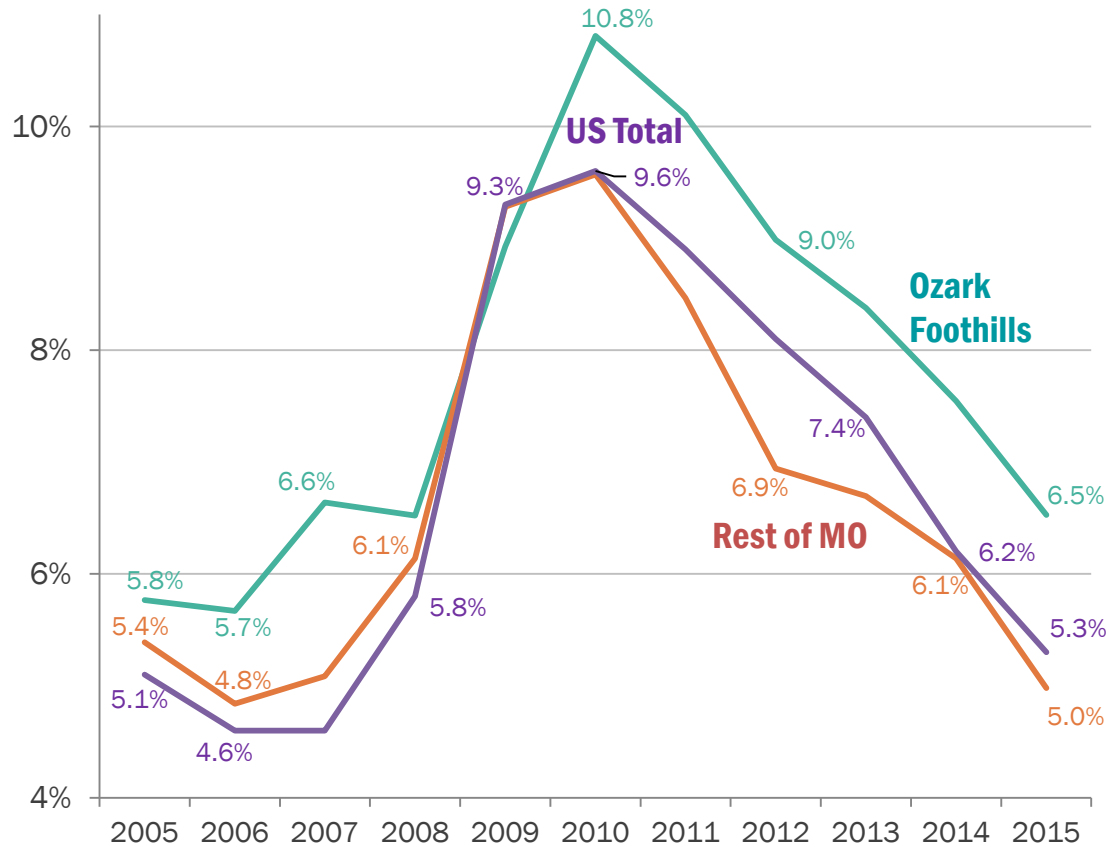
---

**Source of labor for the  
region**



## Labor force

# Unemployment Rates



## Questions:

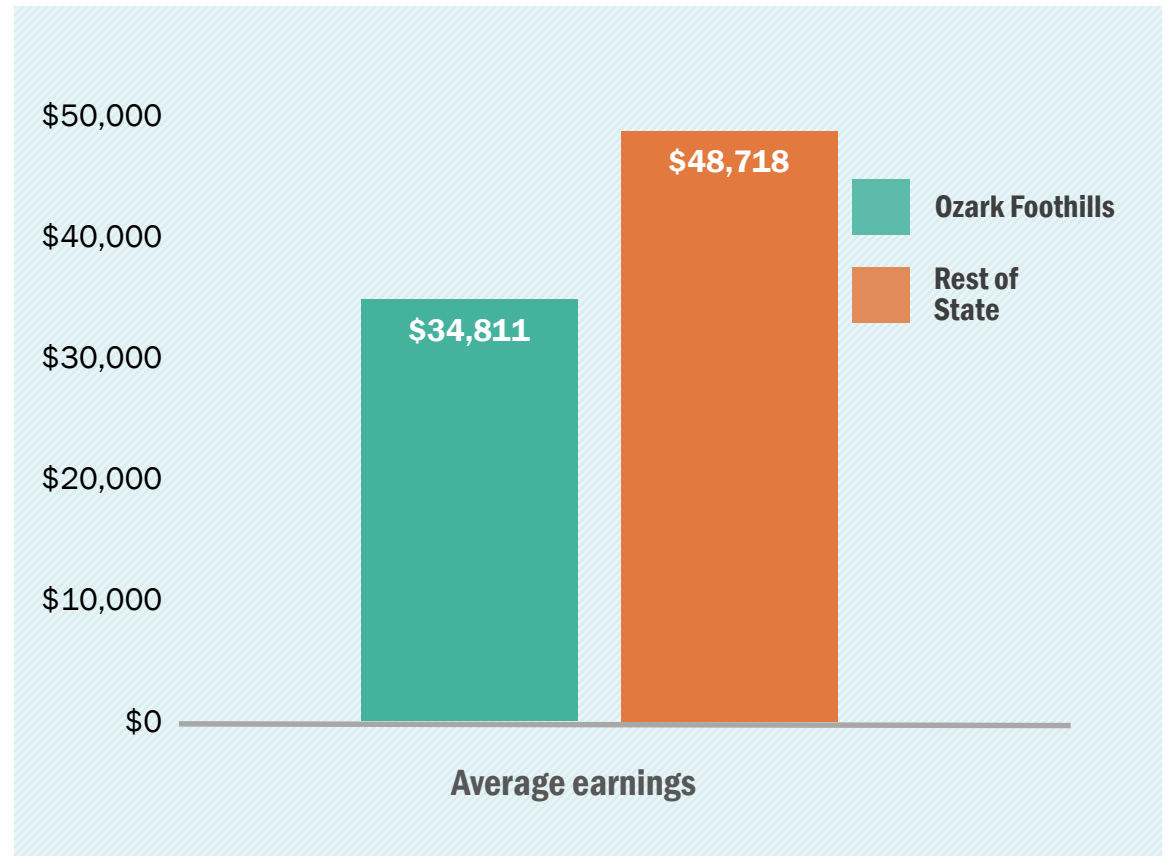
- How does the region's unemployment rate compare to the rest of the state and nation?
- How well has the region's unemployment rate improved since the 2007-2009 Great Recession? How does that compare to the state and national trends?
- What might this suggest for the region's economic future?

## Labor force

# Earnings per Worker in 2015

### Questions:

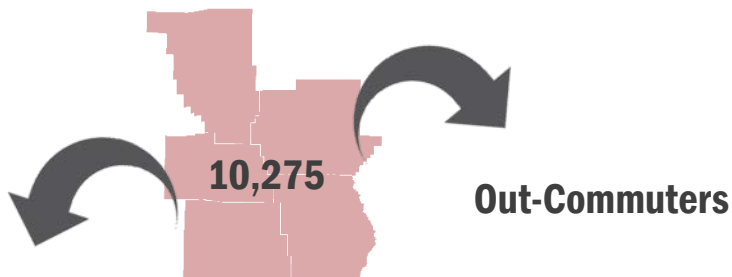
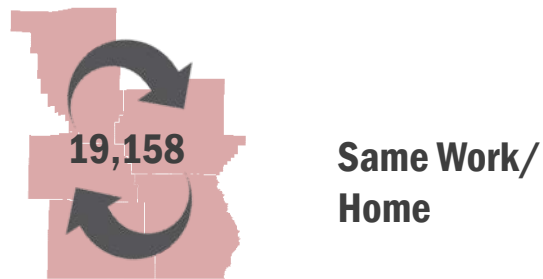
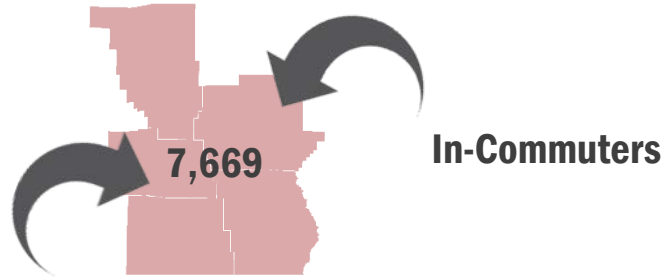
- How does the region's average earnings compare to that of the rest of the state?
- What might be some driving factors for the differences?
- Do these represent potential strengths or challenges for the region?



NOTE: Earnings include wages, salaries, supplements and earnings from partnerships and proprietorships

## Labor force

# Journey to Work



	2014 Count	Proportion
<b>Employed in Ozark Foothills</b>	<b>26,827</b>	<b>100.0%</b>
Both employed and living in the region	19,158	71.4%
Employed in the region but living outside	7,669	28.6%
<b>Living in Ozark Foothills</b>	<b>29,433</b>	<b>100.0%</b>
Both living and employed in the region	19,158	65.1%
Living in the region but employed outside	10,275	34.9%

### Questions:

- How many people employed in the region actually reside outside the region? How many who live in the region commute to jobs outside the region?
- What might be done to reduce the flow of labor to jobs located outside the region?

# Report Contributors

This report was prepared by the Purdue Center for Regional Development, in partnership with the Southern Rural Development Center and USDA Rural Development, in support of the Stronger Economies Together program.



## Report Authors

Bo Beaulieu, PhD  
Indraneel Kumar, PhD  
Andrey Zhalnin, PhD



## Data Analysis

Ayoung Kim  
Andrey Zhalnin, PhD  
Indraneel Kumar, PhD



## Report Design

Tyler Wright

This report was supported, in part, by grant from the USDA Rural Development through the auspices of the Southern Rural Development Center. It was produced in support of the Stronger Economies Together (SET) program.

**PURDUE**  
UNIVERSITY



**Center for Regional Development**  
Advancing Collaboration : Energizing Regions

The Purdue Center for Regional Development (PCRD) seeks to pioneer new ideas and strategies that contribute to regional collaboration, innovation and prosperity.

**For more information,**  
please contact:

Dr. Bo Beaulieu,  
PCRD Director:  
[ljb@purdue.edu](mailto:ljb@purdue.edu)

Or

765-494-7273

September 2016