WORKFORCE DATASET

The Dayton Development Coalition (DDC) has access to and provides a variety of regional economic data for 14 counties and beyond. MVRPC, in partnership with the DDC, used county-level data available through EMSI including data representing the entire Warren County for this Workforce Regional Profile, unless noted otherwise.

Our 5+ County Region includes Darke, Greene, Miami, Montgomery, Preble, and northern Warren

This Workforce Regional Profile, however, included the entire Warren County due to data availability.

Our Region's workforce is made up of people with diverse occupations. Influenced by the state and national economy, the Region has experienced dynamic occupational growth and decline over the last 12 years.

Note: Data is at the county level and includes Darke, Greene, Miami, Montgomery, Preble, and Warren.

543,320 workforce in 2016

518,812 employed in 2016

24,508 unemployed in 2016

70.6% people employed in the six-county area live there

**0.4%** decrease in employed workers between 2004 and 2016

29.4% decrease in the number of unemployed workers between 2004 and 2016

The number of workers employed have been growing steadily since the 2008 recession in our Region, but at a slower rate than the U.S. Fortunately, our Region's number of unemployed has decreased faster than the state or nation.
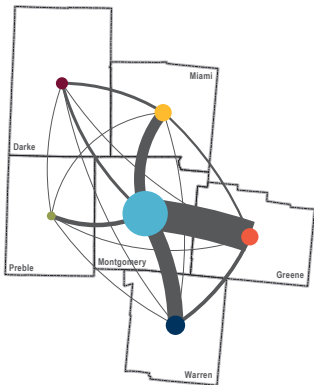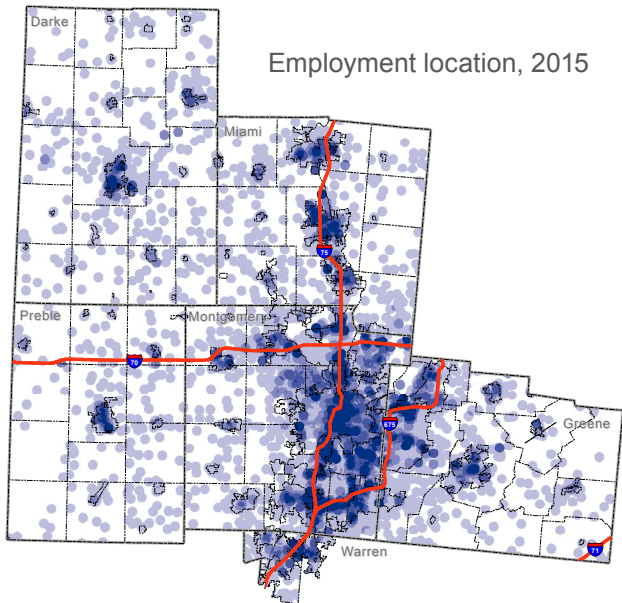
Employment Index

Unemployment Index

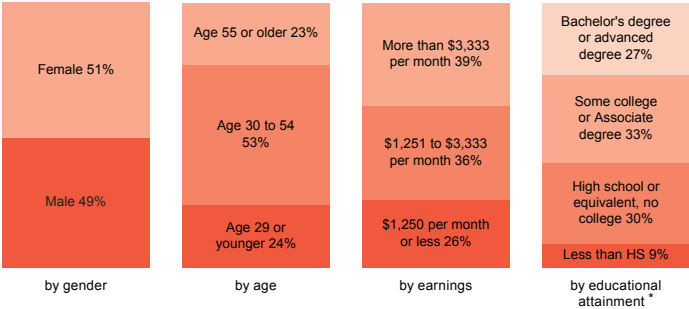Source: Local Area Unemployment Statistics, Bureau of Labor Statistics
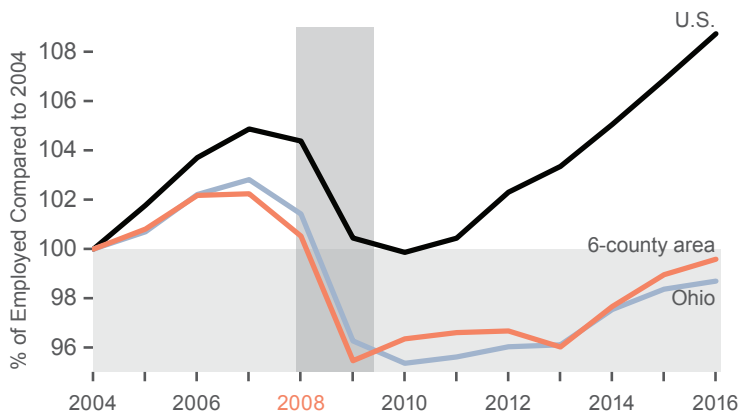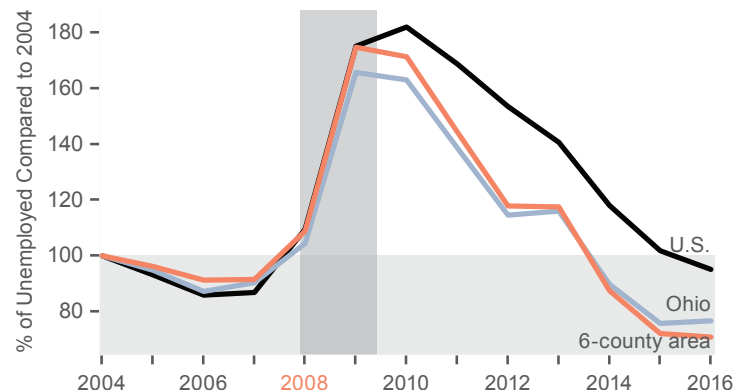
People of diverse backgrounds and characteristics live and work in the Region.

Jobs in the Region are clustered in eastern Montgomery County, around interstates, and in county seats.
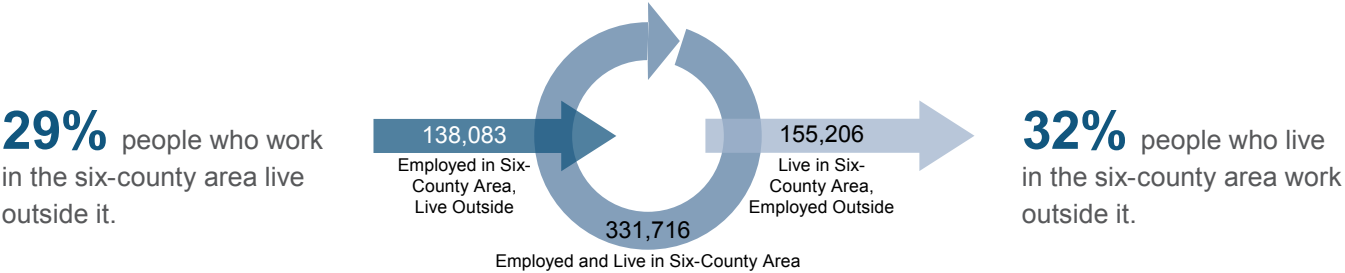
Employment location, 2015

Our Region's diverse workforce travels all around the six-county area to reach their workplace.

Workforce Characteristics

by gender	by age	by earnings	by educational attainment *
Female 51%	Age 55 or older 23%	More than $3,333 per month 39%	Bachelor's degree or advanced degree 27%
Male 49%	Age 30 to 54 53%	$1,251 to $3,333 per month 36%	Some college or Associate degree 33%
	Age 29 or younger 24%	$1,250 per month or less 26%	High school or equivalent, no college 30%
			Less than HS 9%

## About a third of our residents leave the six-county area for work, but nearly as many come to work in our area from outside.

29% people who work in the six-county area live outside it.

138,083
Employed in Six-County Area, Live Outside

155,206
Live in Six-County Area, Employed Outside

331,716
Employed and Live in Six-County Area

32% people who live in the six-county area work outside it.

Note: * Worker Educational Attainment characteristics are only available for workers aged 30 or older.

Source: U.S. Census Bureau. (2017). LEHD Origin-Destination Employment Statistics (2015) [computer file]. Washington, DC: U.S. Census Bureau, Longitudinal-Employer Household Dynamics Program, accessed on October 1, 2017 at https://onthemap.ces.census.gov. LODES 7.3

Montgomery County has the largest workforce in the Region, but it also has the highest unemployment rate. Greene County has the highest median hourly earnings of $18.02.

Share of employed workforce by county

Warren 21%
Darke 5%
Greene 15%
Preble 4%
Miami 9%
Montgomery 46%
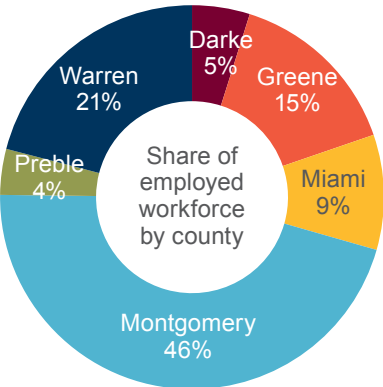
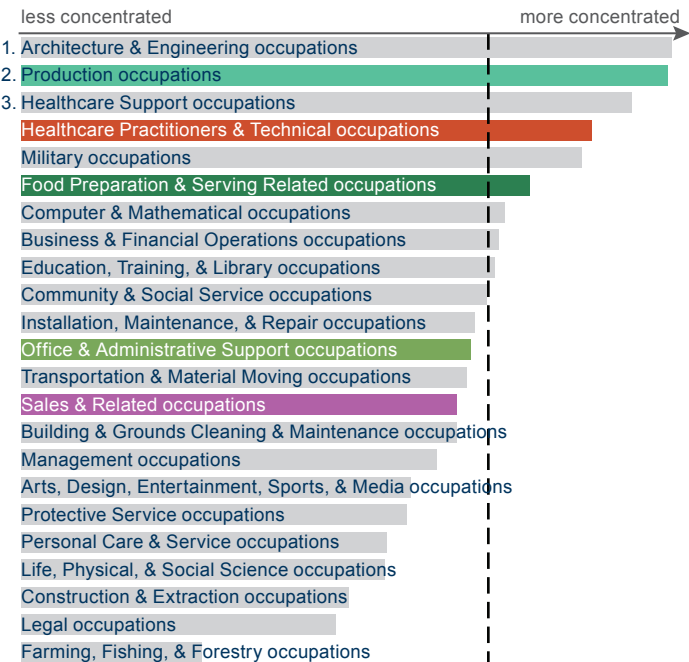| 2016	Darke	Greene	Miami	Montgomery	Preble	Warren
Civilian Workforce	26,306	80,630	52,576	249,484	21,014	113,310
employed	25,234	77,159	50,316	237,385	20,032	108,686
unemployed	1,072	3,471	2,260	12,099	982	4,624
Unemployment rate	4.1%	4.3%	4.3%	4.8%	4.7%	4.1%
Median hourly earnings	$15.68	$18.02	$15.53	$16.99	$14.98	$16.44

Source: Bureau of Labor Statistics; EMSI

Our area's workforce is dominated by office, sales, food preparation, production, and healthcare occupations.

The largest occupational groups are **office**, **sales**, **food preparation**, **production**, and **healthcare practitioners**. Together, they account for **48% of the six-county area's jobs.**

Office and Administrative Support occupations
77,342

Healthcare Practitioners and Technical occupations
35,492

Business and Financial Operations occupations
27,387

Building and Grounds Cleaning and Maintenance occupations
18,795

Protective Service occup.
9,926

Sales and Related occupations
50,497

Food Preparation and Serving Related occupations
48,580

Production occupations
44,400

Transportation and Material Moving occupations
33,423

Management occupations
26,048

Personal Care and Service occupations
17,054

Community and Social Service occup.
8,751

Construction and Extraction occupations
16,768

Military occup.
8,079

Installation, Maintenance, and Repair occupations
19,752

Computer and Mathematical occupations
15,344

Education, Training, and Library occupations
31,067

Healthcare Support occupations
19,387

Architecture and Engineering occupations
12,353

Our Region has a higher concentration of **architecture & engineering, production, healthcare support, healthcare practitioners,** and **military occupations** when compared to the U.S. as a whole.

less concentrated → more concentrated

1. Architecture & Engineering occupations
2. Production occupations
3. Healthcare Support occupations
Healthcare Practitioners & Technical occupations
Military occupations
Food Preparation & Serving Related occupations
Computer & Mathematical occupations
Business & Financial Operations occupations
Education, Training, & Library occupations
Community & Social Service occupations
Installation, Maintenance, & Repair occupations
Office & Administrative Support occupations
Transportation & Material Moving occupations
Sales & Related occupations
Building & Grounds Cleaning & Maintenance occupations
Management occupations
Arts, Design, Entertainment, Sports, & Media occupations
Protective Service occupations
Personal Care & Service occupations
Life, Physical, & Social Science occupations
Construction & Extraction occupations
Legal occupations
Farming, Fishing, & Forestry occupations

Note: The chart illustrates location quotient (LQ), indicating which occupational groups in the Region are more or less concentrated than the U.S. as a whole.

20% of the unemployed previously worked in Construction and Extraction occupations, compared to 11% nationally.

12% of the unemployed previously worked in Building and Grounds Cleaning and Maintenance occupations, compared to 7% nationally.

8% of the unemployed previously worked in Sales and Related occupations, compared to 10% nationally.

7% of the unemployed previously worked in Office and Administrative Support occupations, compared to 10% nationally.
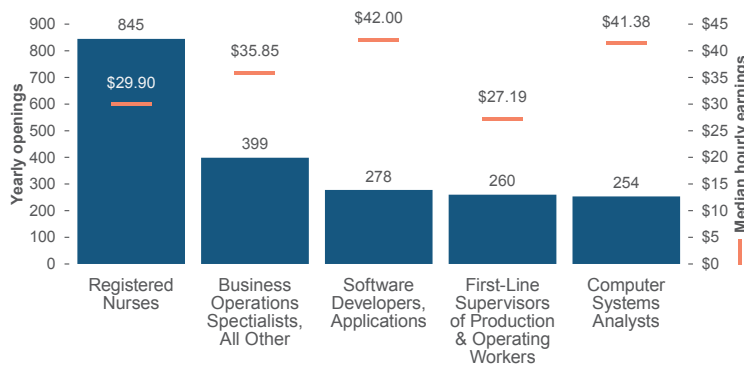
5% of the unemployed previously worked in Food Preparation and Serving Related occupations, compared to 8% nationally.

Individual counties have varying degrees of occupational mix but the growth trends by occupation have been uneven.
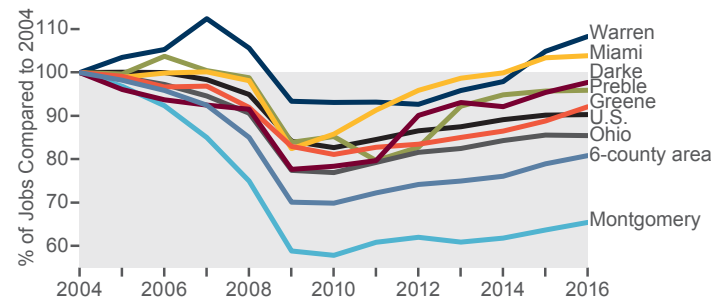
Each county has a similar mix of occupational groups: **office and administration**, **sales**, **food preparation**, **production**, and **healthcare practitioners**.

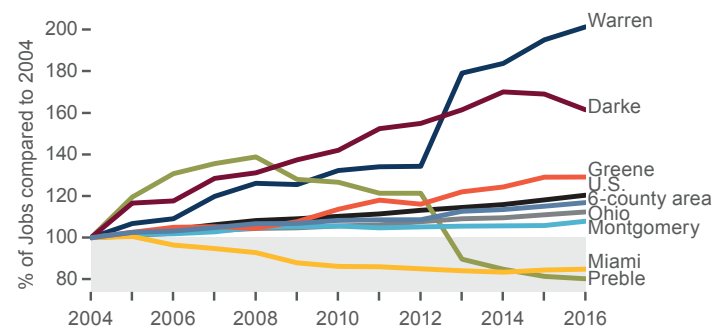|	Darke	Greene	Miami	Mont-gomery	Preble	Warren
percentage of jobs within county						
Office	12%	14%	13%	15%	11%	15%
Sales	8%	10%	9%	9%	9%	10%
Food Preparation	7%	10%	9%	9%	9%	9%
Production	15%	3%	15%	8%	18%	9%
Healthcare Practitioners	5%	6%	4%	8%	3%	5%
five occupational groups together	**47%**	**44%**	**51%**	**48%**	**50%**	**48%**

Our Region has several occupations with a bright outlook.
These five occupations pay well, are experiencing growth, and have hundreds of annual openings.
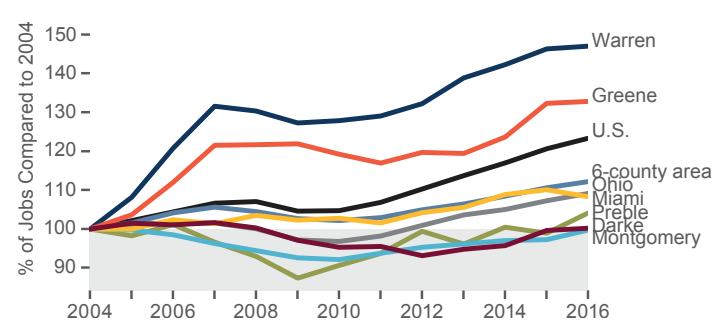

Bar chart — Yearly openings / Median hourly earnings:
- Registered Nurses: 845 openings, $29.90
- Business Operations Specialists, All Other: 399, $35.85
- Software Developers, Applications: 278, $42.00
- First-Line Supervisors of Production & Operating Workers: 260, $27.19
- Computer Systems Analysts: 254, $41.38

Production Occupations Index

% of Jobs Compared to 2004, 2004–2016. Series: Warren, Miami, Darke, Preble, Greene, U.S., Ohio, 6-county area, Montgomery

Healthcare Practitioners Occupations Index

% of Jobs compared to 2004, 2004–2016. Series: Warren, Darke, Greene, U.S., 6-county area, Ohio, Montgomery, Miami, Preble

Food Preparation and Serving Occupations Index

% of Jobs Compared to 2004, 2004–2016. Series: Warren, Greene, U.S., 6-county area, Ohio, Miami, Preble, Darke, Montgomery

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