

# Ohio Economic Profile

## Preble County

*Ohio Department of Job and Family Services  
Office of Workforce Development*

July 2019



**BUILDING** Ohio's Workforce  
**CREATING** Innovative Solutions  
**PROMOTING** Economic Independence and Growth

## 1. Employment Percent by Industry

The table below shows how jobs are distributed throughout the county by industry. The higher the percentage, the more workers there are in the industry. Multiple years are shown to demonstrate how employment in the industries may have shifted over time. However, percent change across years does not necessarily indicate growth or decline in employment by industry.

### 1a. Employment Percent by Industry

Industry Name	Percent Annual Employment in Industry		
	2004	2010	2017
Manufacturing	32.7%	30.5%	33.2%
Retail Trade	10.7%	11.4%	12.4%
Health Care and Social Assistance	10.6%	14.1%	11.1%
Educational Services	11.8%	11.1%	9.8%
Accommodation and Food Services	6.6%	7.0%	7.7%
Construction	4.4%	3.2%	3.8%
Public Administration	3.7%	4.3%	3.8%
Transportation and Warehousing	2.0%	1.2%	3.4%
Other Services (except Public Administration)	2.8%	3.2%	3.0%
Wholesale Trade	3.8%	3.8%	3.0%
Finance and Insurance	2.0%	2.3%	2.1%
Administrative and Support and Waste Management	3.8%	3.2%	1.9%
Professional, Scientific, and Technical Services	1.6%	1.5%	1.6%
Agriculture, Forestry, Fishing and Hunting	0.8%	0.8%	1.0%
Real Estate and Rental and Leasing	0.6%	0.7%	0.7%
Information	0.6%	0.7%	0.7%
Utilities	0.5%	0.4%	0.4%
Arts, Entertainment, and Recreation	0.5%	0.3%	0.2%
Management of Companies and Enterprises	NA*	NA*	0.0%
Mining, Quarrying, and Oil and Gas Extraction	NA*	0.4%	0.0%

Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

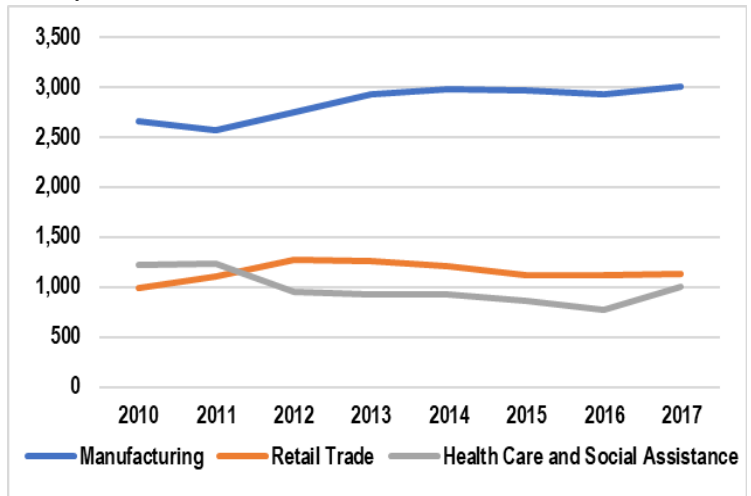
\*Data non-disclosable as it does not meet U.S. Census Bureau publication standards. Columns may not sum to 100 percent due to both U.S. Census Bureau methodology and the effects of rounding. The difference between summed percentages (<100%) and 100 is not the employment share of the non-disclosed industry.

## 2. Employment, Wage and Firm Size Trends

The next series of tables and graphs provide more information on the top 3 industry shares of county employment for the most recent year identified in the previous chart. Detailed information includes annual employment and wage trends for the three sectors. Employment and wage trends show fluctuations and indicate growth or decline over the years.

**2a. Employment Trends – Manufacturing, Retail Trade, and Health Care and Social Assistance**

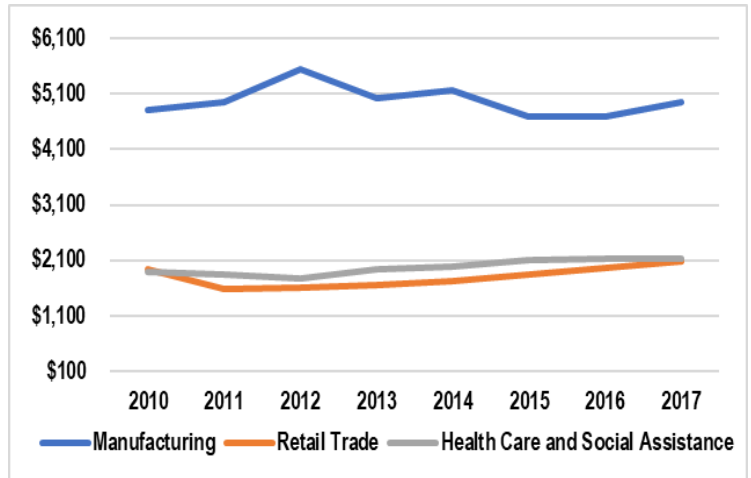
Year	Average Employment		
	Manufacturing	Retail Trade	Health Care and Social Assistance
2010	2,653	992	1,223
2011	2,570	1,104	1,232
2012	2,745	1,272	949
2013	2,924	1,257	929
2014	2,981	1,207	928
2015	2,971	1,122	860
2016	2,924	1,114	769
2017	3,002	1,125	1,004



Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

**2b. Wage Trends – Manufacturing, Retail Trade, and Health Care and Social Assistance**

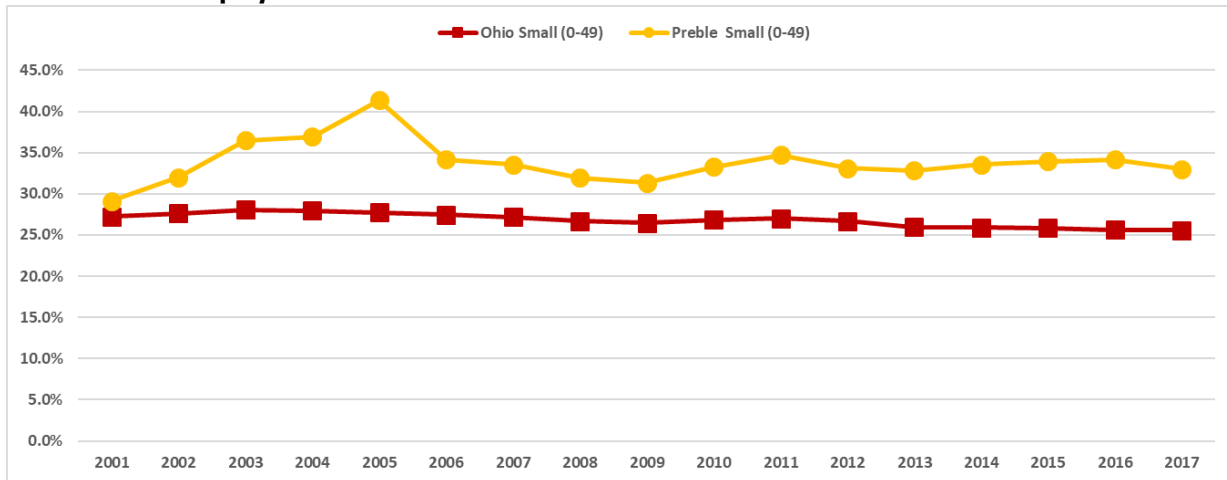
Year	Average Monthly Wage		
	Manufacturing	Retail Trade	Health Care and Social Assistance
2010	\$4,813	\$1,939	\$1,900
2011	\$4,964	\$1,575	\$1,840
2012	\$5,550	\$1,609	\$1,770
2013	\$5,024	\$1,657	\$1,932
2014	\$5,177	\$1,721	\$1,998
2015	\$4,689	\$1,857	\$2,115
2016	\$4,696	\$1,976	\$2,131
2017	\$4,947	\$2,077	\$2,123



Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

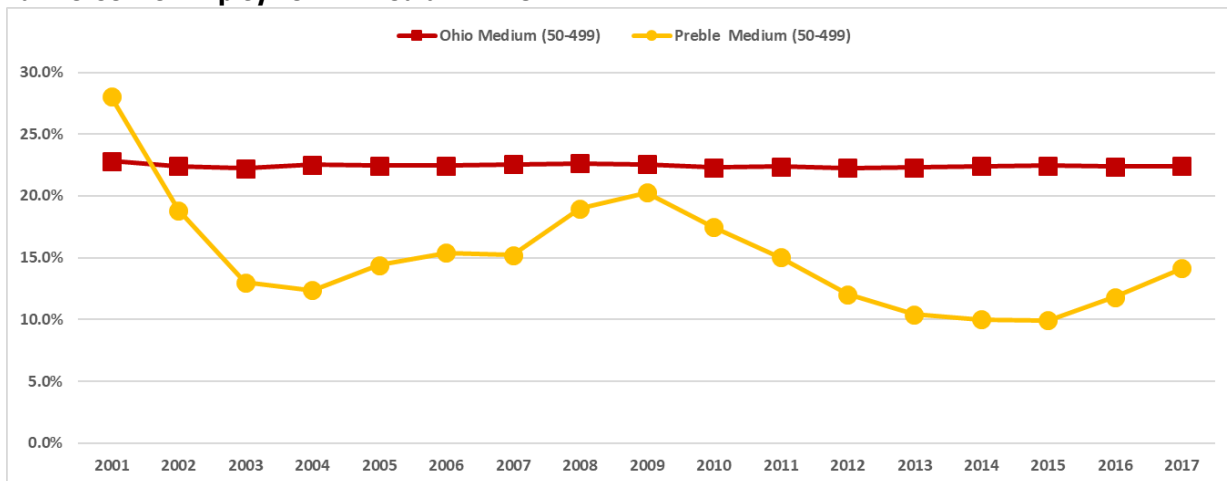
The following three charts compare the percentage of employment in firm size between the county and Ohio. Tables comparing firms with 0-49 employees (small firms), 50-499 employees (medium firms), and 500+ employees (large firms) are shown. When a large firm dominates an area, downturns in that industry will have a greater impact on a county than when employment is dispersed among many small or mid-size firms.

2c. Percent of Employment in Small Firms



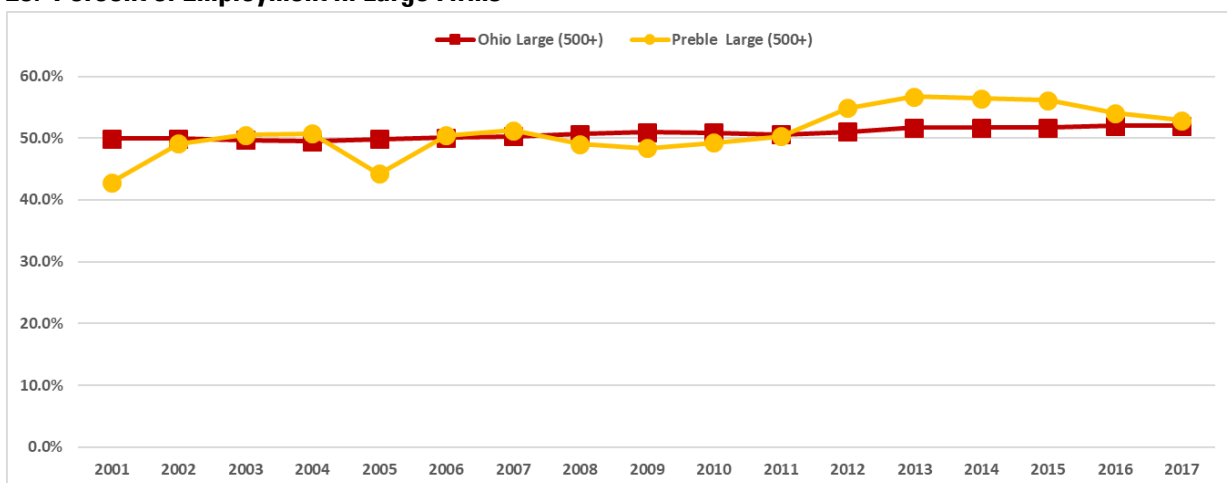
Source: U.S. Census Bureau, Quarterly Workforce Indicators, private ownership only.

2d. Percent of Employment in Medium Firms



Source: U.S. Census Bureau, Quarterly Workforce Indicators, private ownership only.

2e. Percent of Employment in Large Firms



Source: U.S. Census Bureau, Quarterly Workforce Indicators, private ownership only.

### 3. Online Job Postings

The following section provides a count of online job advertisements for the county. It is a snapshot of one aspect of the labor market and provides a look at labor demand by industry within the county.

#### 3a. Online Job Postings by Industry, 1/1/2018 – 12/31/2018

Industry	Ads
Transportation and Warehousing	2,373
Retail Trade	564
Manufacturing	353
Health Care and Social Assistance	287
Administrative and Support and Waste Management and Remediation Services	248
Accommodation and Food Services	202
Other Services (except Public Administration)	125
Wholesale Trade	112
Construction	103
Educational Services	74
Finance and Insurance	66
Professional, Scientific, and Technical Services	54
Information	39
Management of Companies and Enterprises	23
Public Administration	18
Real Estate and Rental and Leasing	17
Arts, Entertainment, and Recreation	7
Agriculture, Forestry, Fishing and Hunting	5
Mining, Quarrying, and Oil and Gas Extraction	5
<b>Total</b>	<b>4,675</b>

Source: The Conference Board Help Wanted OnLine® (HWOL), 2018. Job advertisements counted are those posted in OhioMeansJobs.com, Monster, Indeed, LinkedIn, Career Builder, online newspapers and many others.

\*Excludes job advertisements in unclassified establishments (NAICS 999999) and establishments for which industry was unavailable. **Note:** Recently, the HWOL Data Series has experienced a declining trend in the number of online job ads that may not reflect broader trends in the U.S. labor market.

#### 3b. Top Occupations with the Most Area Online Job Ads, 1/1/2018 – 12/31/2018

Occupations	Ads
Heavy and Tractor-Trailer Truck Drivers	2,398
First-Line Supervisors of Retail Sales Workers	126
Retail Salespersons	102
Cashiers	86
First-Line Supervisors of Food Preparation and Serving Workers	71
Bus and Truck Mechanics and Diesel Engine Specialists	61
Combined Food Preparation and Serving Workers, Including Fast Food	54
First-Line Supervisors of Production and Operating Workers	51
Services Offered	47
Physical Therapists	38

Source: The Conference Board Help Wanted OnLine® (HWOL), 2018.

**3c. Top Employers with the Most Area Online Job Ads, 1/1/2018 – 12/31/2018**

Employer	Ads
Dart Transit	173
U.S. Xpress	161
Silfex, Inc.	161
Celadon	144
Schneider National	118
TravelCenters of America, Inc.	114
The Dollar General	104
USA Truck, Inc.	98
CRST	91
TMC Transportation	85

Source: The Conference Board Help Wanted OnLine® (HWOL), 2018.

**3d. Top Certifications for Online Job Ads, 1/1/2018 – 12/31/2018**

Certifications	Ads
Class A Commercial Driver's License	2,338
Commercial Driver's License	2,017
HAZMAT	402
Driver's License	301
Tanker and Hazmat Endorsement	205
DOT Medical card	178
Certification in Cardiopulmonary Resuscitation	80
Basic Life Support	79
Transportation Worker Identification Credential	72
Physical Therapist Certification	38

Source: The Conference Board Help Wanted OnLine® (HWOL), 2018.

**3e. Top Skills for Online Job Ads, 1/1/2018 – 12/31/2018**

Skills	Ads
Freight+	1,627
Tractor-trailers	417
Lean Manufacturing	125
Quality Management System	111
Flatbed trucks	99
Geriatrics	94
Android	88
Preventive maintenance	88
Mathematics	79
Microsoft Office	78

Source: The Conference Board Help Wanted OnLine® (HWOL), 2018.

#### 4. Industry Turnover Rates

The following table looks at industry turnover rates for Ohio and by county. Turnover rates are calculated from stable employment (employment that lasted one calendar quarter with the same employer) and are an indicator of job churn. Industries with high churn will have more openings to replace workers than industries with low churn. It should be noted that this calculation does not include short-term employment that lasts less than a full quarter.

##### 4a. Industry Turnover Rates, Statewide and County

Industry	Ohio				Preble County			
	2016Q4	2017Q1	2017Q2	2017Q3	2016Q4	2017Q1	2017Q2	2017Q3
All NAICS Sectors	8.4%	8.3%	8.2%	9.4%	8.3%	9.4%	7.6%	8.1%
Manufacturing	5.2%	5.1%	5.1%	5.5%	4.3%	4.2%	3.7%	3.3%
Educational Services	5.8%	7.3%	5.0%	4.1%	11.3%	10.7%	12.0%	11.3%
Retail Trade	10.6%	11.0%	9.9%	10.3%	9.3%	13.8%	10.1%	8.5%
Health Care and Social Assistance	7.9%	7.3%	7.8%	8.5%	6.6%	9.4%	4.3%	2.2%
Accommodation and Food Services	16.0%	16.2%	16.5%	17.3%	17.9%	16.0%	18.5%	22.0%
Wholesale Trade	5.9%	5.7%	6.0%	6.4%	12.2%	12.6%	8.0%	11.8%
Construction	8.5%	7.6%	9.3%	16.3%	12.8%	21.5%	3.8%	11.4%
Public Administration	3.8%	3.5%	3.7%	5.1%	8.6%	10.4%	9.0%	9.5%
Transportation and Warehousing	8.0%	7.8%	7.4%	8.6%	7.2%	10.7%	7.5%	9.9%
Professional, Scientific, and Technical Services	6.9%	7.5%	7.1%	7.4%	4.1%	5.8%	3.7%	6.6%
Other Services (except Public Administration)	8.6%	8.4%	8.8%	9.3%	5.9%	2.8%	5.9%	4.5%
Administrative and Support and Waste Management	18.3%	16.5%	16.6%	20.1%	17.8%	17.5%	18.5%	24.1%
Management of Companies and Enterprises	5.6%	5.2%	6.1%	6.1%	6.2%	14.3%	3.0%	4.9%
Information	6.4%	5.9%	6.3%	7.3%	9.1%	13.5%	6.3%	12.0%
Finance and Insurance	5.2%	5.0%	5.1%	5.2%	10.6%	NA*	9.3%	9.1%
Arts, Entertainment, and Recreation	9.7%	10.3%	11.1%	24.9%	4.8%	NA*	4.5%	NA*
Real Estate and Rental and Leasing	8.2%	8.0%	8.2%	10.1%	NA*	NA*	NA*	NA*
Mining, Quarrying, and Oil and Gas Extraction	9.0%	8.9%	8.5%	11.6%	NA*	NA*	9.4%	30.6%
Agriculture, Forestry, Fishing and Hunting	8.1%	8.3%	11.2%	19.0%	NA*	NA*	NA*	NA*
Utilities	2.8%	3.2%	2.8%	3.3%	NA*	NA*	NA*	NA*

Source: U.S. Census Bureau, Quarterly Workforce Indicators, All ownerships, except federal government.

\*Data non-disclosable as it does not meet U.S. Census Bureau publication standards.

## 5. High School Enrollment

The table below shows annual enrollment trends for high school seniors for public, private and charter schools by fiscal year, where FY 18 represents the school year 2017-2018. Enrollment is the count of students in October of the school year. School enrollment is important as it has implications for the workforce as well as the county's capacity to accommodate its students. Enrollment changes can be affected by boundary changes or redistricting. Also presented in the table is information regarding the number of OhioMeansJobs.com K-12 accounts that migrated to regular OMJ accounts.

### 5a. Number of High School Seniors

Fiscal Year	Number of 12th Graders*				OMJ K-12 Accts Migrate to Regular Acct***
	Public	Private	Charter	Total**	
2014	469	0	0	469	
2015	349	0	0	349	46
2016	334	0	0	334	83
2017	347	0	0	347	101
2018	327	0	0	327	314

\*Source: Ohio Department of Education. All data that represents <10 students is masked to ensure student privacy.

\*\*Does not include <10 estimate.

\*\*\*Source: Monster Government Solutions, K-12 data accessed December 2015, December 2017 and July 2018.

## 6. Local Area Talent Report

The next set of tables highlight resumes or talent in the local area. This data provides useful information on the workforce in the local area and presents a snapshot of skills and educational levels. The local reports are created using the Monster.com Talent Dashboard tool and are based on activity or logging into OhioMeansJobs.com or Monster.com in the previous three years. The workforce skills table is organized in ascending order and starts with the skill reported least often and ends with the most reported skill.

### Resume Snapshot (April 2019)

There were 1.6 million total resumes in OhioMeansJobs.com of Ohioans and others willing to relocate to Ohio. Resume counts for the county, veterans, and restored citizens are shown below. Note: resumes for restored citizens are for individuals incarcerated in the Ohio Department of Rehabilitation and Correction who had an active resume and a release date in 2019.

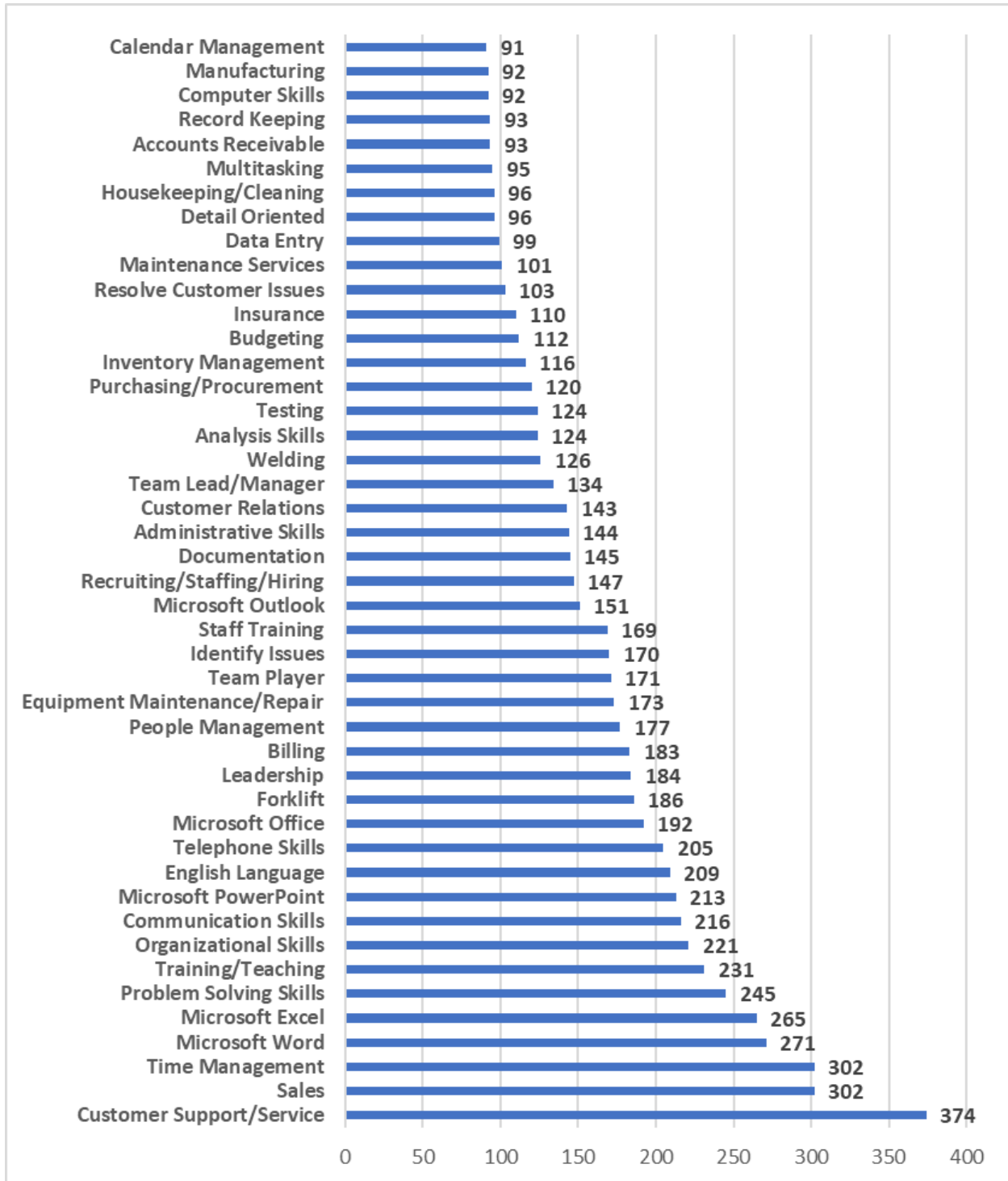
County	Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes*
Preble	2,678	178	1

Source: Monster.com and Monster Government Solutions.

\*County was determined based on home/returning address provided by incarcerated individuals.

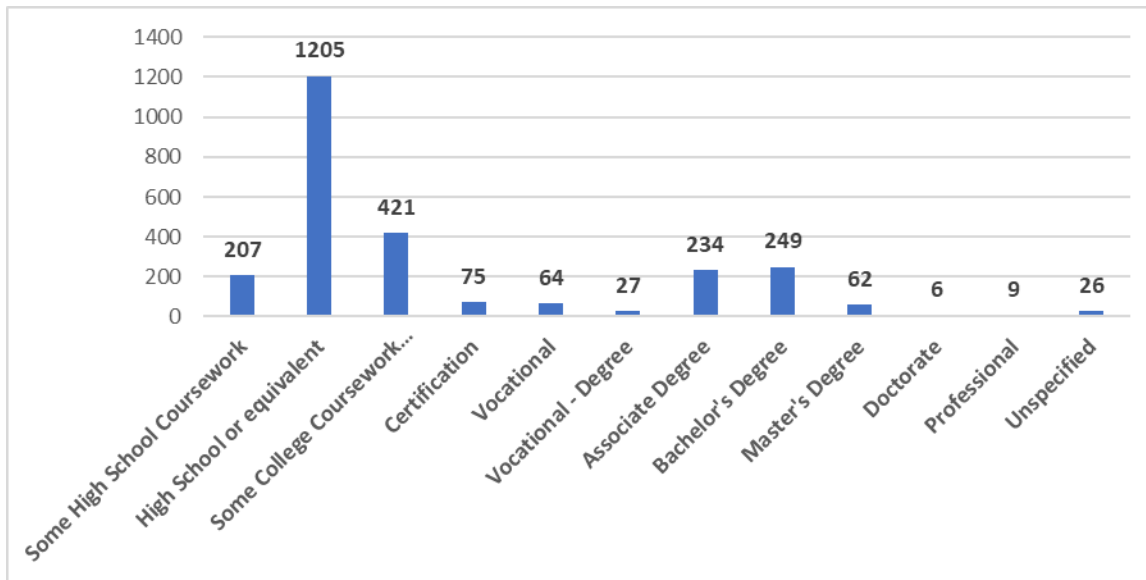


6a. Number of Resumes with Top 45 Workforce Skills



Source: Monster.com, April 2019.

**6b. Educational Level**



Source: Monster.com, April 2019. See "Quick Guide to Understanding the County Economic Health Reports" for description of educational categories.

**7. Educational Attainment**

The following table shows the distribution of educational attainment by age group for county residents. Educational attainment refers to the highest level of education completed.

**7a. Educational Attainment by Age Group**

Age Categories	Less than 9 <sup>th</sup> grade	9 <sup>th</sup> to 12 <sup>th</sup> grade, no diploma	High school graduate (includes equivalency)	Some college, no degree	Associate degree	Bachelor's degree	Graduate or professional degree	Total
18 to 24 years	30	442	1,291	1,163	122	160	-	3,208
25 to 34 years	24	326	1,531	1,313	463	679	175	4,511
35 to 44 years	59	235	1,897	1,146	642	633	319	4,931
45 to 64 years	215	842	5,724	2,352	1,220	1,013	501	11,867
65 years+	467	870	3,644	1,199	311	454	345	7,290

Source: American Community Survey, 5-year estimates, 2013-2017.

**8. Veteran Employment at the Local Level**

The following table represents a snapshot of veteran and nonveteran labor force population (i.e., estimate of the employed and those looking for work); the labor force participation rate (i.e., percent of the total population participating in the labor force); and the unemployment rate (i.e., percent of the labor force that is unemployed). Veterans are those who have ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard.

**8a. County Veteran and Nonveteran Employment Estimates**

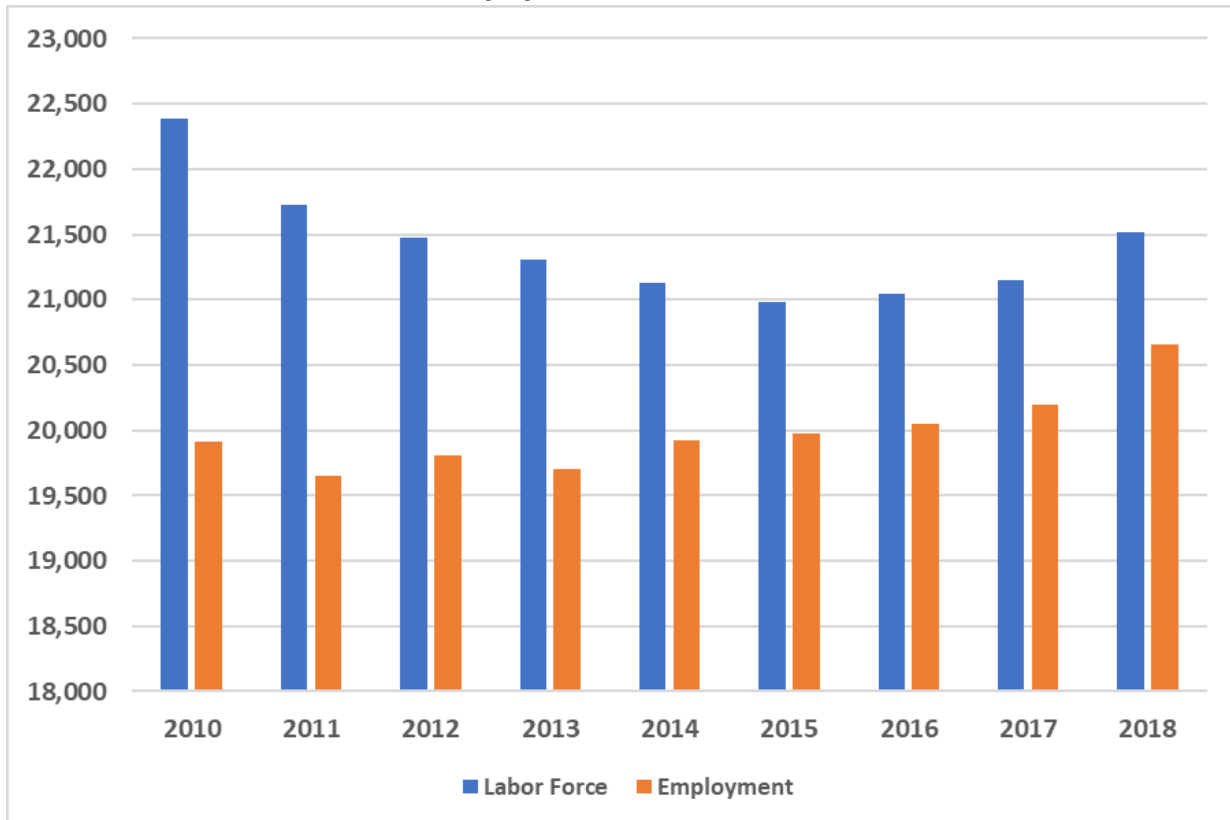
	<b>Nonveterans</b>	<b>Veterans</b>
Labor Force Population	18,016	1,052
Labor Force Participation Rate	78.0%	74.1%
Unemployment Rate	5.8%	4.0%

Source: American Community Survey, 18-64-year-olds, 5-year estimates, 2013-2017.

**9. Civilian Labor Force and Commuting Patterns**

The next set of tables look at the civilian labor force and commuting patterns of workers in the county. The civilian labor force is the sum of the employed and unemployed. It is based on civilians 16 years of age and over who are working or seeking work. It excludes military personnel, persons in institutions, those studying or keeping house full-time, retirees, and volunteer workers. This is the available workforce, and used in conjunction with commuting patterns data, one can see where workers in the county live and work. Commuting information is based on all jobs held. Commuting trends data are also presented to see inflow and outflow trends of workers, including the top work counties for out-commuters and top home counties for in-commuters.

**9a. Civilian Labor Force and Number Employed**



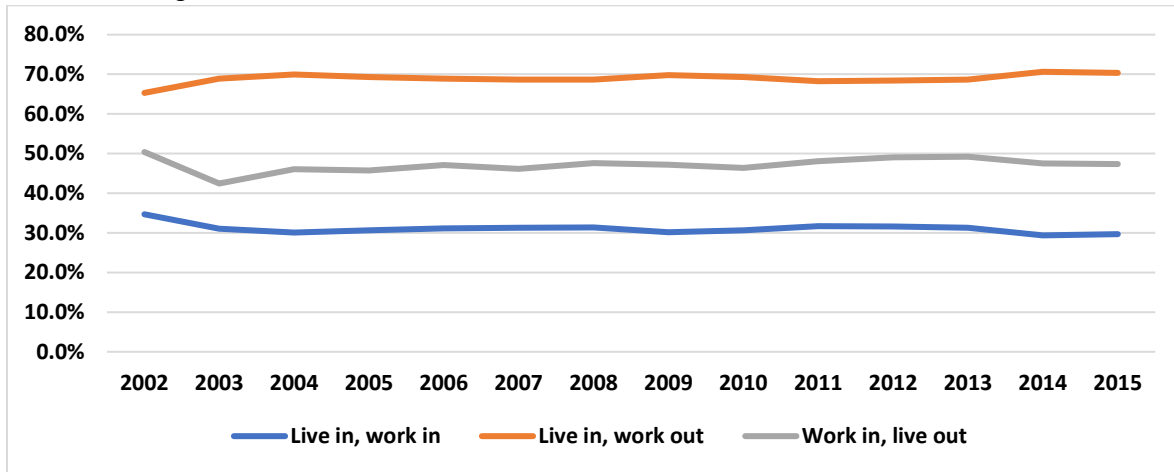
Source: U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics.

**9b. Commuting Patterns, 2005 – 2015**

	2005	2010	2015
# of workers who live and are employed here	5,632	5,107	5,287
# of workers who live here, but work in another county	12,734	11,540	12,529
# of workers who work here, but live in another county	4,749	4,422	4,751

Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2<sup>nd</sup> quarter only.

**9c. Commuting Trends**



Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2<sup>nd</sup> quarter only.

**9d. Commuting Trends for Out-Commuters – Live in County, but Work in Another County, 2015**

Top Work Counties for Out-Commuters	
Montgomery County OH	4,242
Butler County OH	1,664
Wayne County IN	1,139
Warren County OH	547
Hamilton County OH	495
Franklin County OH	485
Miami County OH	415
Darke County OH	405
Greene County OH	354
Clark County OH	254

Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2<sup>nd</sup> quarter only.

**9e. Commuting Trends for In-Commuters – Work in County, but Live in Another County, 2015**

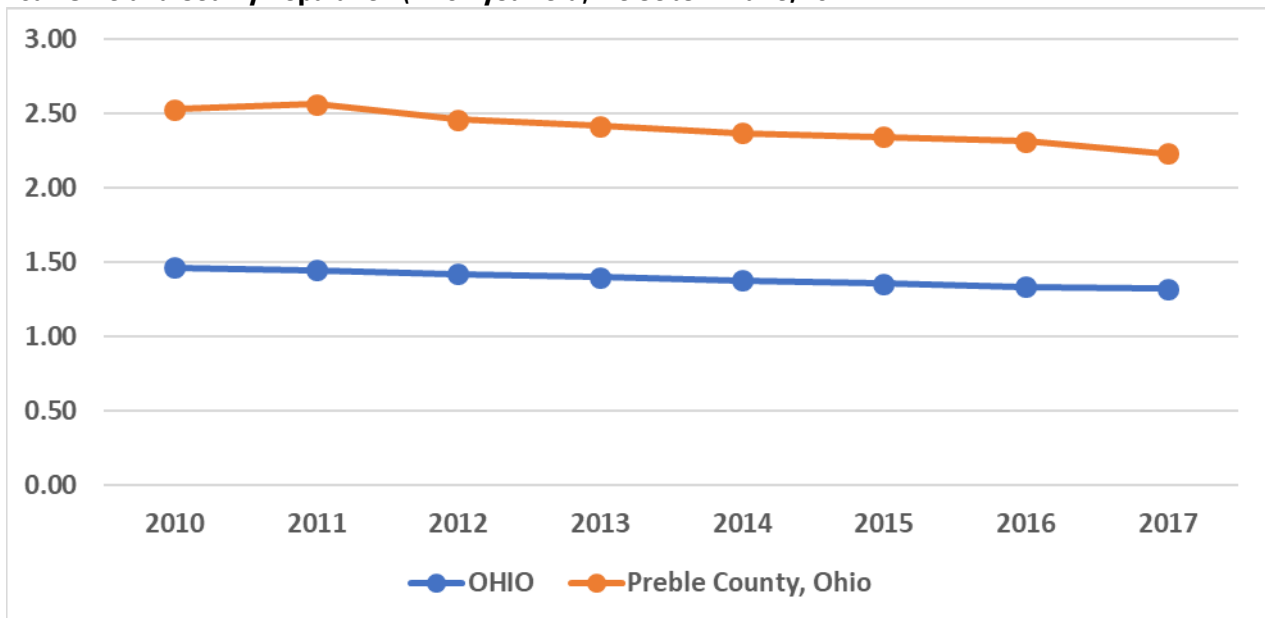
Top Home Counties for In-Commuters	
Montgomery County OH	1,234
Wayne County IN	617
Butler County OH	520
Darke County OH	452
Hamilton County OH	195
Miami County OH	163
Warren County OH	151
Clark County OH	101
Franklin County OH	89
Greene County OH	85

Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2<sup>nd</sup> quarter only.

**10. Area Population to Jobs**

The graph below and map on the next page look at the population to jobs ratio. The prime working-age population consists of those ages 18 to 64. However, not everyone in the working-age population is employed – they may be going to school, caring for children or others, or retired. As the population-to-jobs ratio increases, there are more workers living in the county than there are jobs, meaning there will be more competition for jobs in that county. Workers in high-ratio counties may be more likely to commute to other counties for work. A lower population-to-jobs ratio would indicate the county could have a higher ratio of in-commuters. This will be rare, but a population-to-jobs ratio less than one would indicate there are more jobs than workers. The graph below compares the county population to jobs ratio to the statewide ratio. The map shows population to jobs ratio for all counties.

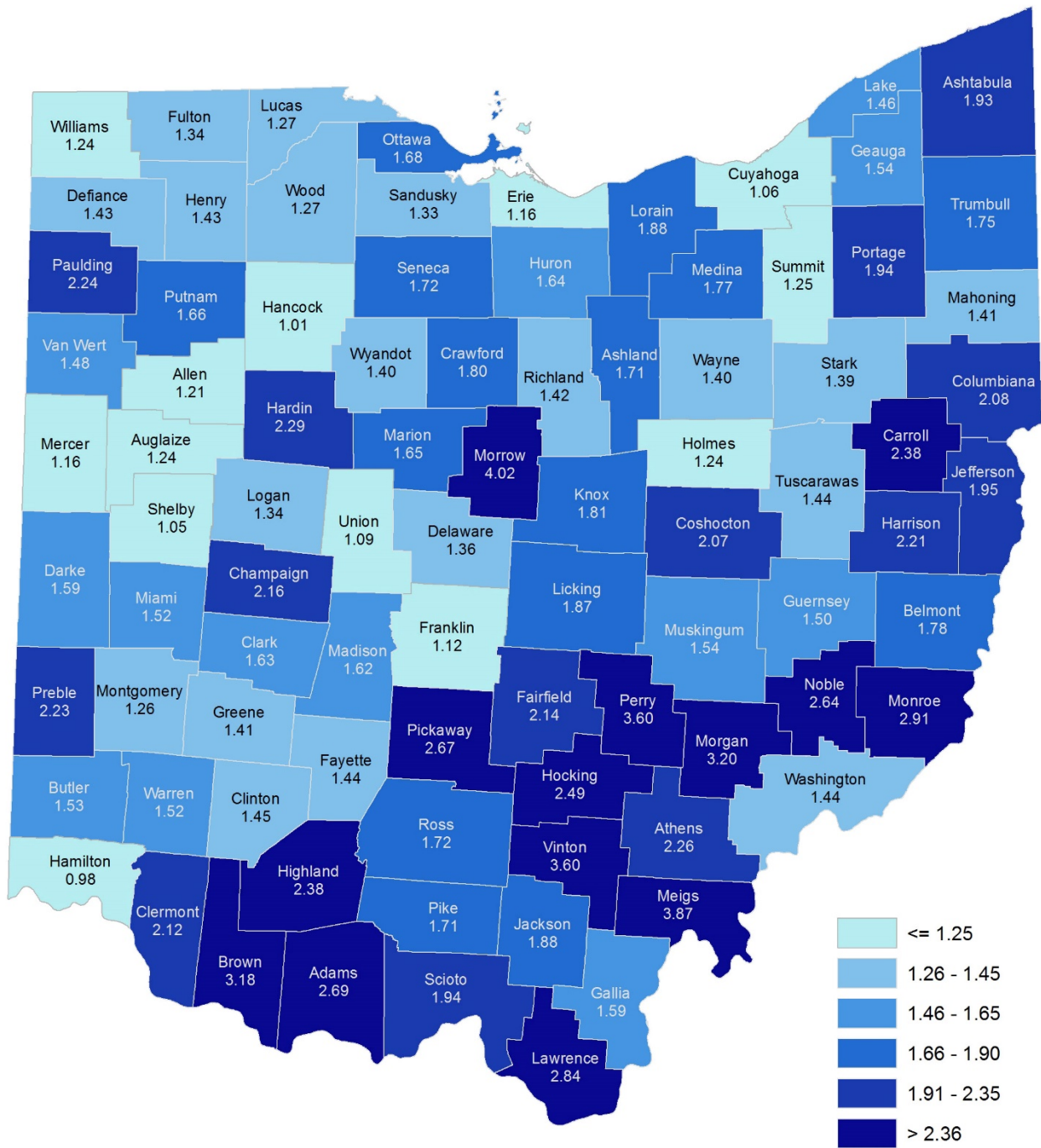
**10a. Ohio and County Population (18-64-year-old)\* to Jobs\*\* Ratio, 2017**



\*Source: U.S. Census Bureau.

\*\*Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages.

10b. Ohio County Population\* (18-64-year-old) to Jobs\*\* Ratio Map, 2017



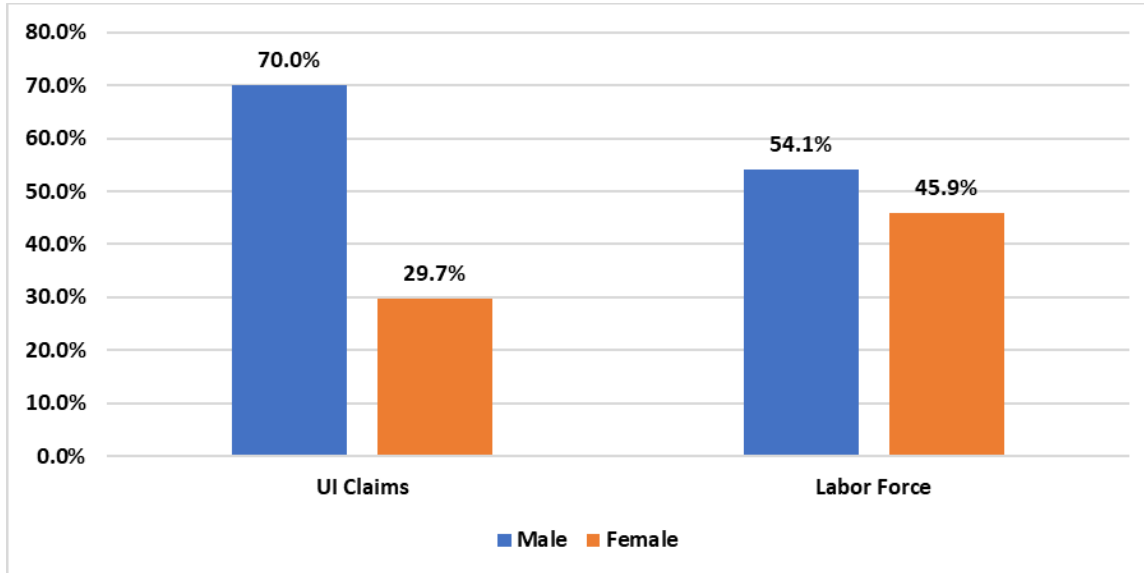
\*Source: U.S. Census Bureau.

\*\*Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages

**11. Profile of UI Claims**

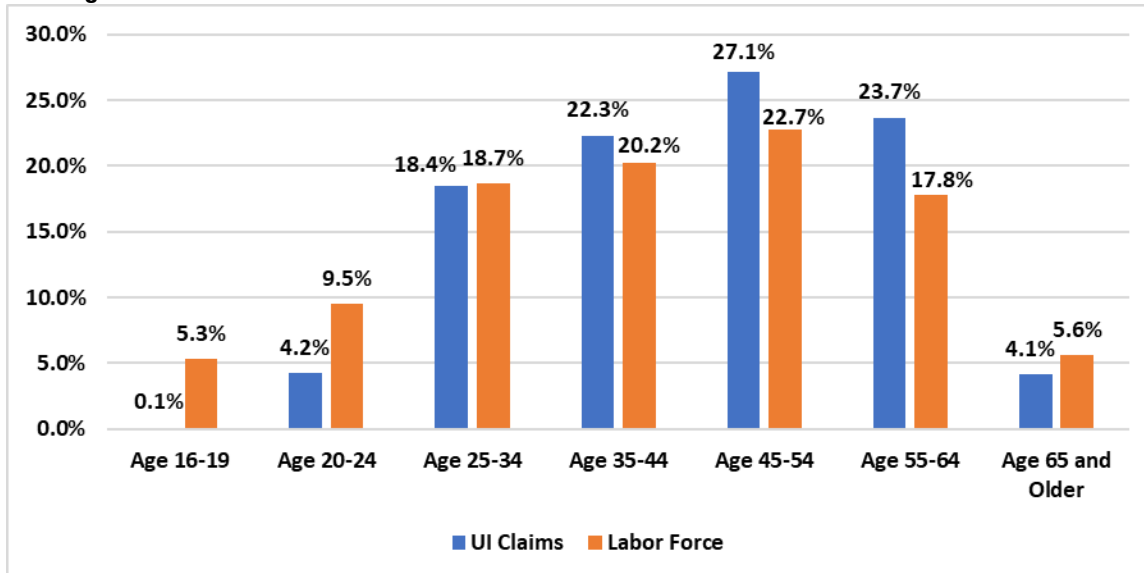
The next set of charts compares demographic characteristics of unemployment insurance claimants and people in the labor force for the county. These graphs can show if some segments of the labor force are filing higher proportions of claims. However, certain industries with seasonal work patterns and/or typical shut down periods, such as construction and manufacturing will have higher proportion of men than women. Differences between the labor force and UI claimants can be used to target intervention and training programs.

**11a. Gender, UI Claims vs Labor Force, 2018**



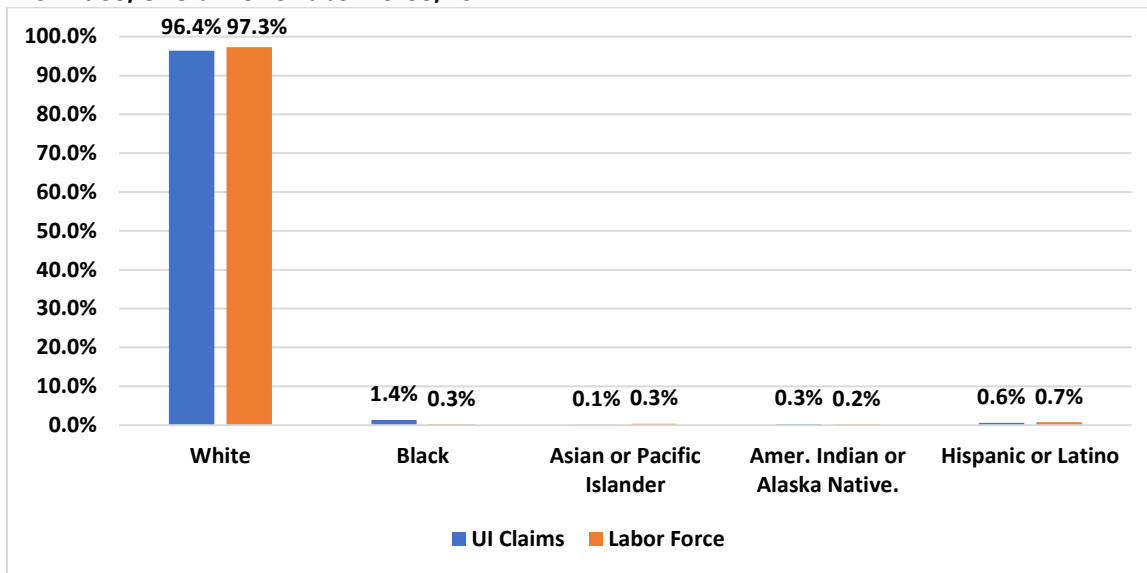
Source: Ohio Bureau of Labor Market Information.

**11b. Age Distribution, UI Claims vs Labor Force, 2018**



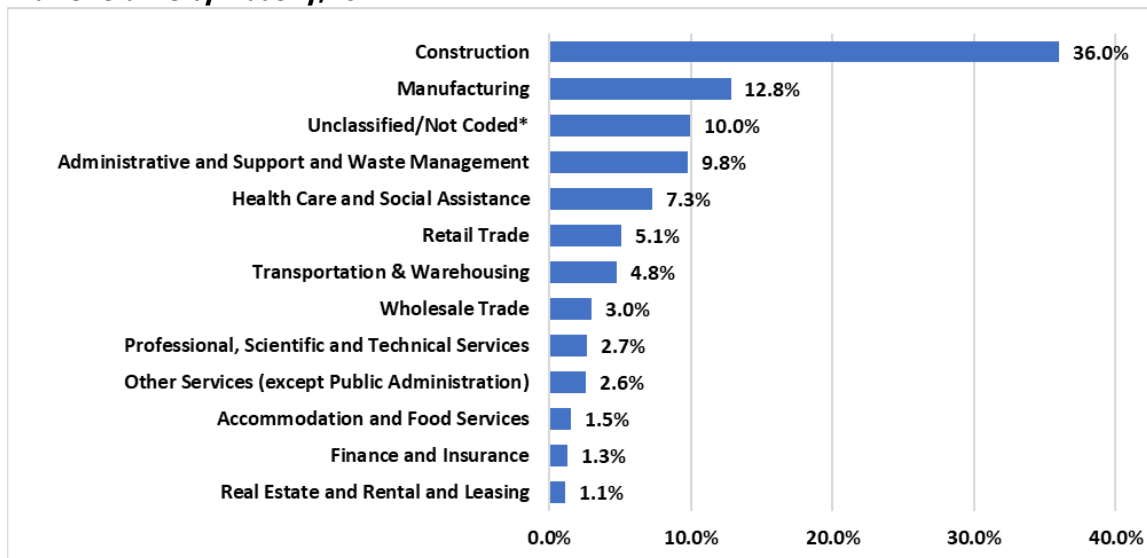
Source: Ohio Bureau of Labor Market Information.

11c. Race, UI Claims vs Labor Force, 2018



Source: Ohio Bureau of Labor Market Information.

11d. UI Claims by Industry, 2018



Source: Ohio Bureau of Labor Market Information.

\*Unclassified/Not Coded industries coded as NAICS '999999' or claims with an unspecified employer.



Ohio Department of Job and Family Services  
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- Partner with the workforce and economic development community.
- Develop and deploy new information solution tools and systems for the workforce and economic development community.
- Provide products and services that are customer- and demand-driven.
- Be known as an important and reliable source for information solutions that support workforce development goals and outcomes.

Acknowledgments: The Office of Workforce Development produced this report under the direction of Bureau Chief Coretta Pettway. For further information, visit [OhioLMI.com](http://OhioLMI.com) or call the Ohio Bureau of Labor Market Information at **1-888-296-7541** option 6, or **(614) 752-9494**.

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