Ohio Economic Profile Sandusky County

Ohio Department of Job and Family Services
Office of Workforce Development

July 2019



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

	Percent Annual Employment in Industr		
Industry Name	2004	2010	2017
Manufacturing	39.0%	35.8%	40.7%
Health Care and Social Assistance	12.1%	14.3%	12.0%
Retail Trade	10.1%	9.9%	8.9%
Educational Services	9.3%	8.0%	7.5%
Accommodation and Food Services	4.8%	5.7%	6.3%
Construction	4.2%	3.4%	3.9%
Other Services (except Public Administration)	3.0%	2.9%	2.6%
Transportation and Warehousing	1.5%	2.2%	2.6%
Public Administration	2.0%	2.6%	2.5%
Administrative and Support and Waste Management	4.0%	4.5%	2.3%
Wholesale Trade	2.0%	2.2%	2.2%
Finance and Insurance	1.8%	1.8%	1.8%
Real Estate and Rental and Leasing	1.1%	1.3%	1.6%
Professional, Scientific, and Technical Services	1.2%	1.4%	1.5%
Arts, Entertainment, and Recreation	1.3%	1.4%	1.1%
Management of Companies and Enterprises	0.7%	0.9%	0.9%
Information	1.0%	0.7%	0.8%
Utilities	0.4%	0.4%	0.4%
Agriculture, Forestry, Fishing and Hunting	0.4%	0.5%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	NA*	0.1%	0.0%

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

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.

^{*}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.

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

	Avera	ge Employment		12,000
Year	Manufacturing	Health Care and Social Assistance	Retail Trade	10,000 8,000
2010	8,378	3,345	2,314	
2011	8,486	3,444	2,404	6,000 ——————————————————————————————————
2012	6,670	3,341	2,282	4,000
2013	7,482	3,317	2,256	2,000
2014	8,605	3,273	2,246	
2015	9,119	2,968	2,196	0 —
2016	9,656	2,925	2,203	—— Manufacturing —— Health Care and Social Assistance —— Retail Trade
2017	9,756	2,881	2,128	, and the second

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

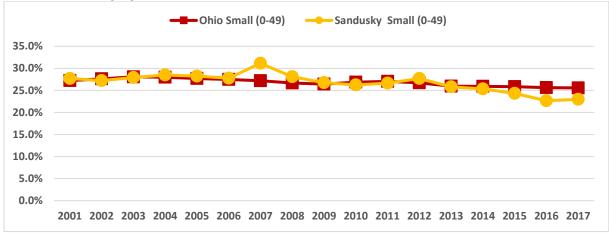
2b. Wage Trends – Manufacturing, Health Care and Social Assistance, and Retail Trade

	Averag	e Monthly Wag	е	\$5,100
Year	Manufacturing	Health Care and Social Assistance	Retail Trade	\$4,100
2010	\$3,764	\$2,608	\$1,883	\$3,100
2011	\$3,667	\$2,572	\$1,898	62.400
2012	\$3,705	\$2,616	\$1,960	\$2,100
2013	\$3,853	\$2,643	\$2,011	\$1,100
2014	\$3,991	\$2,653	\$2,004	
2015	\$4,062	\$2,676	\$2,046	\$100
2016	\$4,058	\$2,671	\$2,086	— Manufacturing — Health Care and Social Assistance — Retail Trade
2017	\$4,146	\$2,778	\$2,132	mandacturing — Heath Care and Social Assistance — Retail Hade

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

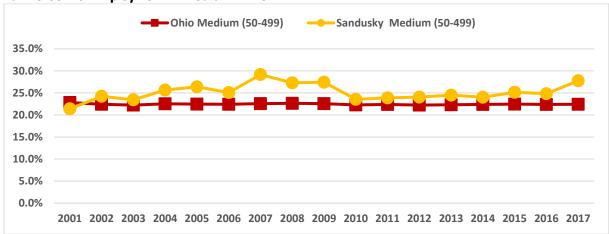
The following three charts compare the percentage of employment in firm size between the county and Ohio. Tables comparing firms with 0-49 employees (small firms), 50-499 employees (medium firms), and, 500+ employees (large firms) are shown. When a large firm dominates an area, downturns in that industry 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



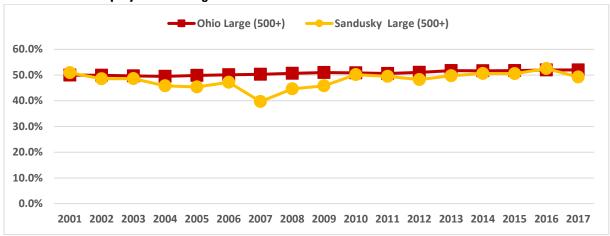
Source: U.S. Census Bureau, Quarterly Workforce Indicators, private ownership only.

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	1,906
Manufacturing	280
Administrative and Support and Waste Management and Remediation Services	238
Retail Trade	139
Construction	123
Wholesale Trade	110
Accommodation and Food Services	106
Other Services (except Public Administration)	97
Information	77
Health Care and Social Assistance	46
Professional, Scientific, and Technical Services	23
Finance and Insurance	18
Real Estate and Rental and Leasing	18
Public Administration	15
Agriculture, Forestry, Fishing and Hunting	6
Educational Services	5
Mining, Quarrying, and Oil and Gas Extraction	3
Utilities	2
Arts, Entertainment, and Recreation	1
Total	3,213

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	1,993
Telecommunications Equipment Installers and Repairers, Except Line Installers	47
First-Line Supervisors of Production and Operating Workers	39
First-Line Supervisors of Retail Sales Workers	37
Services Offered	34
Customer Service Representatives	31
First-Line Supervisors of Food Preparation and Serving Workers	30
Industrial Engineers	28
Bus and Truck Mechanics and Diesel Engine Specialists	28
Combined Food Preparation and Serving Workers, Including Fast Food	27

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
U.S. Xpress	136
Celadon	128
Dart Transit	112
Roehl Transport, Inc.	87
Schneider National	82
Kalmbach Feeds, Inc.	81
TMC Transportation	72
USA Truck, Inc.	68
K & B Transportation	67
HYWAY TRUCKING COMPANY	60

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	1,955
Commercial Driver's License	1,669
HAZMAT	340
Driver's License	257
DOT Medical card	164
Tanker and Hazmat Endorsement	74
Transportation Worker Identification Credential	59
Occupational Safety & Health Administration Certification	43
Security clearance	19
Advanced Cardiac Life Support	18

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

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

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Skills	Ads
Freight+	1,418
Tractor-trailers	307
Flatbed trucks	120
Straight trucks	74
Preventive maintenance	69
Forklifts	60
Microsoft Office	49
Lawn mowers	48
Integrated Decision Support Corporation Expert Fuel	48
Food preparation	30

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

	Ohio				Sandusky County				
Industry	2016Q4	201701	201702	201703	2016Q4	2017Q1	201702	201703	
All NAICS Sectors	8.4%	8.3%	8.2%	9.4%	7.2%	7.7%	6.6%	9.2%	
Manufacturing	5.2%	5.1%	5.1%	5.5%	4.6%	5.1%	4.3%	6.2%	
Health Care and Social Assistance	7.9%	7.3%	7.8%	8.5%	8.0%	7.5%	7.6%	8.9%	
Retail Trade	10.6%	11.0%	9.9%	10.3%	8.6%	9.6%	8.6%	11.7%	
Educational Services	5.8%	7.3%	5.0%	4.1%	4.9%	8.5%	4.0%	3.9%	
Accommodation and Food Services	16.0%	16.2%	16.5%	17.3%	17.0%	17.5%	17.4%	18.1%	
Construction	8.5%	7.6%	9.3%	16.3%	10.4%	7.5%	8.3%	15.8%	
Other Services (except Public Administration)	8.6%	8.4%	8.8%	9.3%	9.6%	9.7%	10.0%	9.0%	
Transportation and Warehousing	8.0%	7.8%	7.4%	8.6%	6.7%	7.1%	4.3%	6.7%	
Public Administration	3.8%	3.5%	3.7%	5.1%	4.7%	5.5%	4.3%	6.7%	
Administrative and Support and Waste Management	18.3%	16.5%	16.6%	20.1%	23.8%	25.3%	15.5%	25.5%	
Wholesale Trade	5.9%	5.7%	6.0%	6.4%	4.4%	5.0%	6.0%	6.4%	
Finance and Insurance	5.2%	5.0%	5.1%	5.2%	6.3%	3.9%	5.0%	4.6%	
Real Estate and Rental and Leasing	8.2%	8.0%	8.2%	10.1%	4.7%	5.9%	6.6%	6.9%	
Professional, Scientific, and Technical Services	6.9%	7.5%	7.1%	7.4%	6.0%	10.5%	9.6%	11.7%	
Arts, Entertainment, and Recreation	9.7%	10.3%	11.1%	24.9%	6.2%	8.1%	5.7%	33.0%	
Management of Companies and Enterprises	5.6%	5.2%	6.1%	6.1%	4.3%	4.3%	3.8%	5.5%	
Information	6.4%	5.9%	6.3%	7.3%	7.5%	3.4%	5.5%	5.3%	
Utilities	2.8%	3.2%	2.8%	3.3%	2.9%	8.3%	NA*	7.0%	
Agriculture, Forestry, Fishing and Hunting	8.1%	8.3%	11.2%	19.0%	11.9%	NA*	NA*	36.6%	
Mining, Quarrying, and Oil and Gas Extraction	9.0%	8.9%	8.5%	11.6%	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
••••		• • • • • • • • • • • • • • • • • • • •		

	•							
		OMJ K-12 Accts						
Fiscal Year	Public	Private	Charter	Total**	Migrate to Regular Acct***			
2014	800	31	0	831				
2015	545	34	0	579	78			
2016	581	32	0	613	260			
2017	545	37	0	582	295			
2018	533	31	0	564	535			

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

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	Total Veteran	Total Restored
	Resumes	Resumes	Citizen Resumes*
Sandusky	5,582	349	0

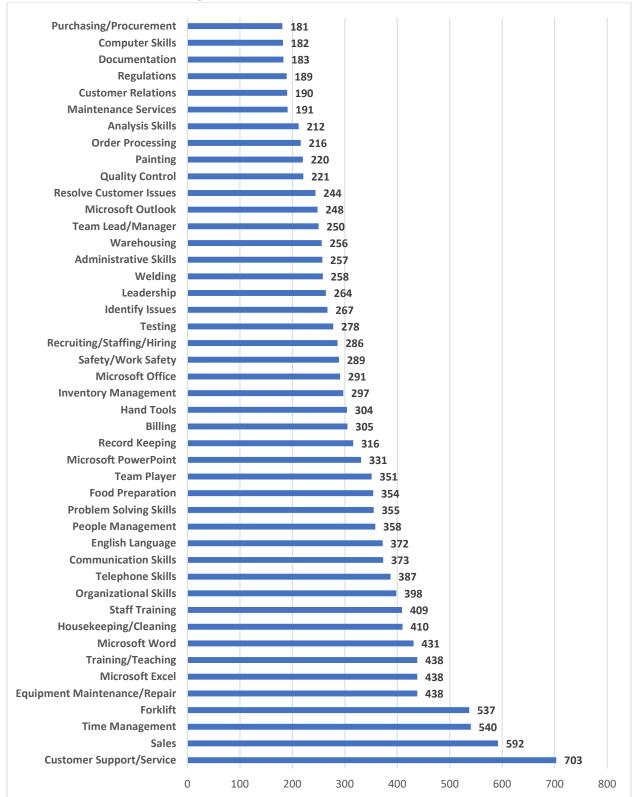
Source: Monster.com and Monster Government Solutions.

^{**}Does not include <10 estimate.

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

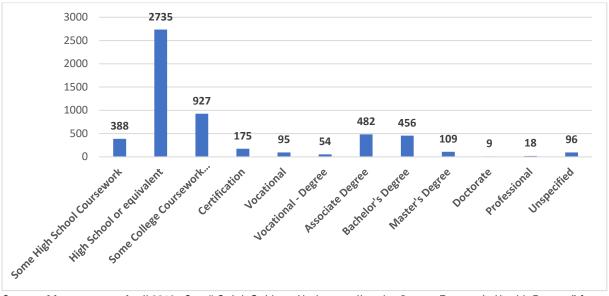
^{*}County was determined based on home/returning address provided by incarcerated individuals.

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 th grade	9 th to 12 th 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	24	493	2,122	1,653	245	240	24	4,801
25 to 34 years	94	362	2,056	1,790	960	919	335	6,516
35 to 44 years	225	232	2,622	1,783	853	1,002	440	7,157
45 to 64 years	342	1,114	7,330	3,860	1,964	1,550	788	16,948
65 years+	716	1,222	5,320	1,485	451	707	479	10,380

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

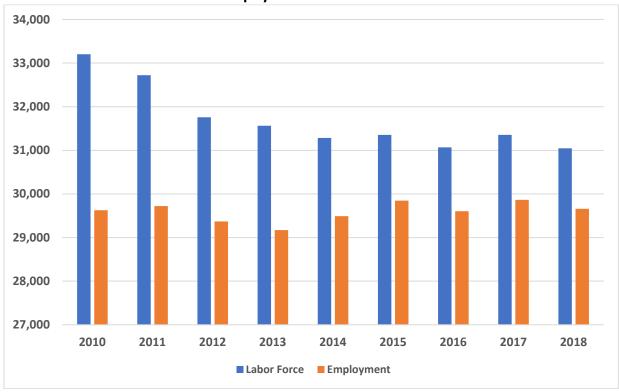
	Nonveterans	Veterans
Labor Force Population	26,229	1,644
Labor Force Participation Rate	78.5%	83.3%
Unemployment Rate	5.1%	3.4%

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



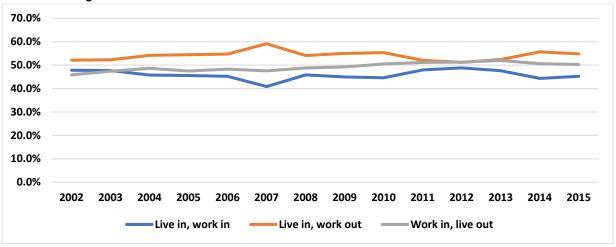
Source: U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics.

9b. Commuting Patterns, 2005 - 2015

	2005	2010	2015
# of workers who live and are employed here	14,146	12,411	13,407
# of workers who live here, but work in another county	16,903	15,402	16,239
# of workers who work here, but live in another county	12,777	12,645	13,551

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

9c. Commuting Trends



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

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

Top Work Counties for Out-Commuters	
Lucas County OH	2,241
Erie County OH	2,051
Wood County OH	1,620
Ottawa County OH	1,369
Seneca County OH	1,312
Cuyahoga County OH	1,216
Huron County OH	1,152
Lorain County OH	856
Franklin County OH	593
Hancock County OH	404

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

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

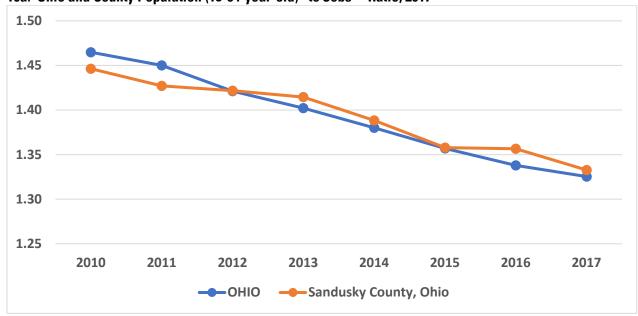
Top Home Counties for In-Commuters	
Seneca County OH	2,604
Ottawa County OH	1,540
Erie County OH	1,357
Wood County OH	1,122
Huron County OH	988
Lucas County OH	887
Hancock County OH	644
Marion County OH	259
Cuyahoga County OH	239
Wyandot County OH	194

Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2nd 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.

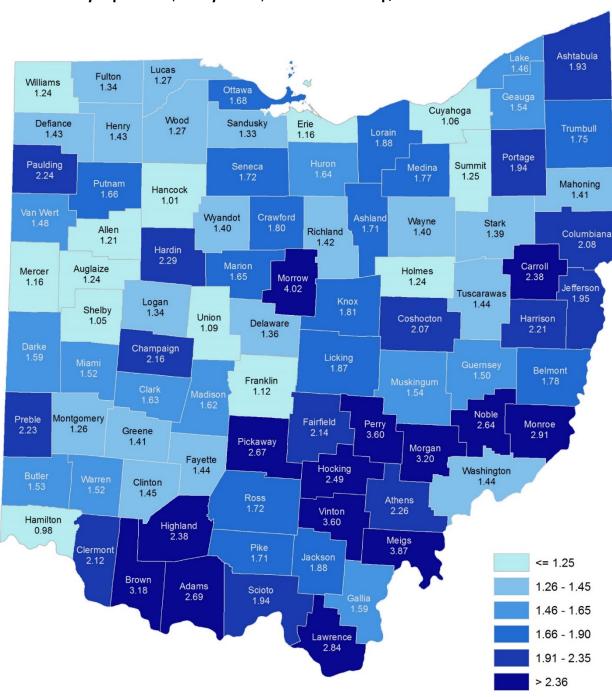
10a. Ohio and County Population (18-64-year-old)* to Jobs** Ratio, 2017



*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

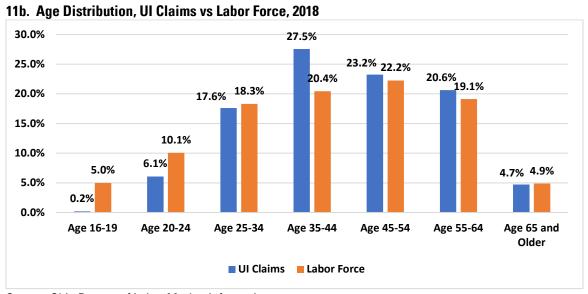
11. Profile of UI Claims

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.

70.0% 65.4% 60.0% 52.5% 47.5% 50.0% 40.0% 34.4% 30.0% 20.0% 10.0% 0.0% **UI Claims Labor Force**

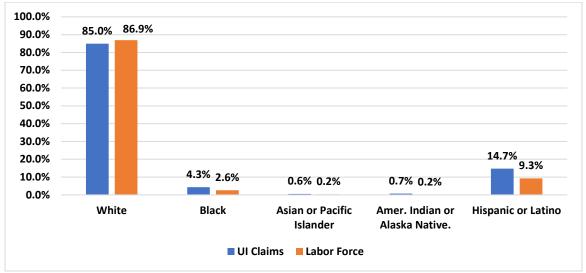
11a. Gender, UI Claims vs Labor Force, 2018

Source: Ohio Bureau of Labor Market Information.



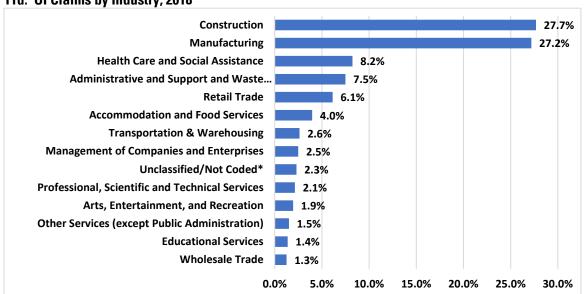
Source: Ohio Bureau of Labor Market Information.

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 Office of Workforce Development P.O. Box 1618 Columbus, OH 43216-1618



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- 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 <u>OhioLMI.com</u> or call the Ohio Bureau of Labor Market Information at **1-888-296-7541** option 6, or **(614) 752-9494**.

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