Annual Employment Percent by Industry

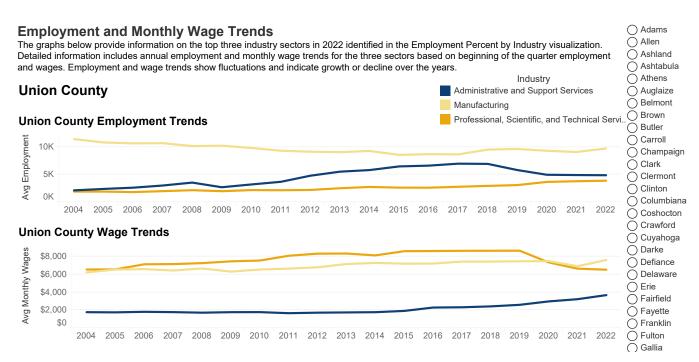
The table below shows how jobs are distributed throughout the county by industry. The higher the percentage, the more workers there are in the industry. Multiple years are shown to demonstrate how employment in the industries may have shifted over time. However, percent change across years does not necessarily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

○ Adams ○ Allen		
<u> </u>		
Ashland		
 Ashtabula 		
○ Athens		
Auglaize		
 Belmont 		
O Brown		
O Butler		
Carroll		
O Champaign		
~		

◯ Adams Ŏ Allen Ashland Ashtabula O Athens Ŏ Auglaize Augraize
Belmont
Brown
Butler
Carroll
Champaign

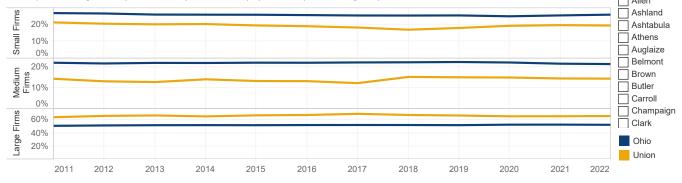
Union				(Dhio		
Industry label	2012	2021	2022	Industry label	2012	2021	2022
Manufacturing	32.47%	26.08%	27.06%	Health Care and Social Assistance	16.08%	16.49%	15.86%
Administrative and Support Services	16.93%	14.01%	13.49%	Manufacturing	13.42%	12.87%	12.88%
Professional, Scientific, and Techni	7.70%	10.78%	10.71%	Retail Trade	11.32%	10.29%	10.16%
Retail Trade	7.22%	8.33%	8.60%	Accommodation and Food Services	8.41%	8.16%	8.59%
Health Care and Social Assistance	5.98%	6.45%	6.46%	Educational Services	8.93%	8.52%	8.17%
Transporation and Warehousing	4.08%	5.71%	5.70%	Administrative and Support Services	6.18%	6.19%	6.27%
Accommodation and Food Services	4.36%	4.37%	4.63%	Professional, Scientific, and Technic	4.95%	5.29%	5.39%
Educational Services	4.61%	4.54%	4.59%	Transporation and Warehousing	3.56%	4.98%	5.10%
Construction	2.49%	3.85%	3.61%	Construction	3.79%	4.47%	4.54%
Public Administration	3.09%	3.45%	3.29%	Wholesale Trade	4.46%	4.39%	4.44%
Wholesale Trade	4.55%	3.33%	2.63%	Finance and Insurance	4.09%	4.31%	4.40%
Other Services (except Public Adm	2.13%	2.31%	2.38%	Public Administration	3.31%	3.08%	3.01%
Agriculture, Forestry, Fishing, and	1.37%	1.83%	1.75%	Other Services (except Public Admin	3.05%	2.81%	2.89%
Management of Companies	0.00%	1.75%	1.60%	Management of Companies	2.79%	2.77%	2.74%
Finance and Insurance	0.94%	1.36%	1.40%	Arts, Entertainment, and Recreation	1.58%	1.62%	1.77%
Arts, Entertainment, and Recreation	0.43%	0.54%	0.56%	Information	1.81%	1.51%	1.57%
Real Estate and Rental and Leasing	0.58%	0.44%	0.49%	Real Estate and Rental and Leasing	1.15%	1.20%	1.22%
Information	0.50%	0.49%	0.47%	Utilities	0.60%	0.56%	0.52%
Utilities	0.50%	0.37%	0.42%	Agriculture, Forestry, Fishing, and H	0.28%	0.33%	0.34%
Mining, Quarrying, and Oil and Gas	0.04%	0.00%	0.15%	Mining, Quarrying, and Oil and Gas	0.25%	0.16%	0.16%

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.



Percent of Employment in Firms

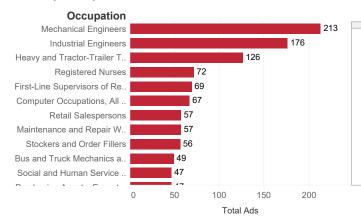
The following three graphs compare the percentage of employment in firm size between the county and Ohio. Tables comparing firms with 0-49 employees (small firms), 50-499 employees (medium firms), and, 500+ employees (large firms) are shown. When a large firm dominates an area, downturns in that industry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



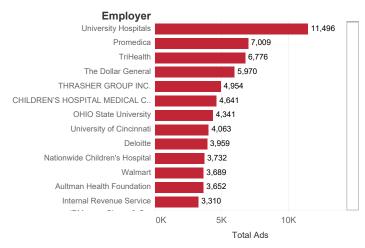
County

Union

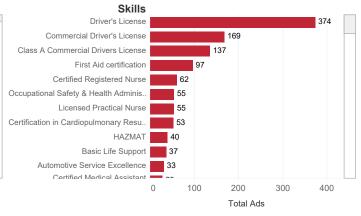
Top Occupations with the Most Area Online Job Ads



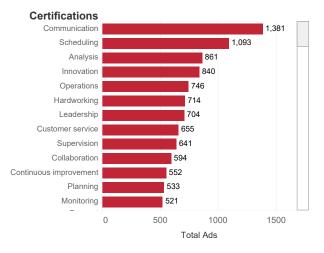
Top Employers with the Most Area Online Job Ads



Top Skills for Online Job Ads



Top Certifications for Online Job Ads



Year

O 2019 Ŏ 2020 Ŏ 2021 2022

Area ◯ Adams ⊖ Allen Ashland Ashtabula O Athens Õ Auglaize O Belmont Brown O Butler Clark

O Clermont Clinton Columbiana Crawford Cuyahoga
 Darke
 Defiance O Delaware Erie Fairfield O Fayette O Franklin O Fulton O Gallia O Geauga Greene Guernsey Hamilton

Hancock Harrison O Highland OHocking

Holmes

Industry Turnover Rates

The table below 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.

	Area / Year / Quarter								
		Ohi			Union 2022				
Industry	1	202: 2	2 3	4	1	2022	2 3		
Accommodation and Food Services	17.8%	17.0%	17.9%	16.5%	18.6%	20.0%	19.0%	17.8%	
Administrative and Support Services	19.2%	17.8%	19.9%	17.6%	16.8%	15.1%	18.1%	15.3%	
Agriculture, Forestry, Fishing and Hunting	9.0%	10.0%	15.1%	8.5%	7.8%	8.8%	8.2%	5.99	
Arts, Entertainment, and Recreation	11.7%	11.3%	24.4%	10.6%	15.3%	9.4%	31.5%	10.7%	
Construction	8.2%	8.7%	13.8%	8.8%	10.0%	10.7%	14.2%	12.6%	
Educational Services	11.0%	5.7%	3.7%	6.5%	5.8%	5.9%	3.8%	6.2%	
Finance and Insurance	5.9%	5.2%	5.7%	5.6%	5.8%	6.5%	7.7%	7.79	
Health Care and Social Assistance	8.8%	8.6%	8.6%	8.8%	9.8%	7.8%	9.9%	8.2%	
Information	7.8%	8.2%	7.8%	7.7%	6.1%	7.5%	8.3%	7.19	
Management of Companies and Enterprises	6.4%	6.3%	6.2%	5.9%	6.4%	11.7%	5.8%	5.3%	
Manufacturing	6.9%	6.7%	6.5%	6.6%	6.4%	6.6%	5.8%	5.3%	
Mining, Quarrying, and Oil and Gas Extraction	7.7%	8.1%	8.9%	8.2%	4.3%		8.0%		
Other Services (except Public Administration)	9.9%	9.6%	10.1%	9.4%	9.8%	10.2%	11.8%	10.2	
Professional, Scientific, and Technical Services	8.5%	7.8%	8.3%	7.4%	8.5%	7.5%	7.8%	7.5	
Public Administration	4.8%	4.4%	6.2%	4.7%	5.1%	4.6%	6.8%	5.8%	
Real Estate and Rental and Leasing	8.9%	9.0%	10.7%	8.9%	6.3%	7.0%	13.4%	9.9%	
Retail Trade	12.7%	10.6%	10.5%	11.1%	13.6%	11.3%	11.6%	11.5%	
Transportation and Warehousing	12.6%	10.2%	10.0%	10.6%	13.7%	12.6%	9.8%	10.1%	
Utilities	3.9%	3.8%	3.9%	3.7%	4.9%		4.4%	3.3%	
Wholesale Trade	7.3%	6.9%	7.1%	6.9%	5.3%	6.8%	6.1%	5.29	
All NAICS	10.1%	9.1%	9.7%	9.2%	9.7%	9.2%	9.7%	8.7	

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.

County

○ Adams ◯ Allen Ashland Ashtabula Athens O Auglaize O Belmont O Brown O Butler ◯ Carroll Champaign Clark Clermont O Clinton O Columbiana ◯ Coshocton O Crawford O Cuyahoga O Darke O Defiance O Delaware 🔿 Erie Fairfield Franklin O Fulton O Gallia O Geauga O Greene O Guernsey Hamilton Hancock Hardin O Harrison ⊖ Henry O Highland ◯ Hocking OHolmes ⊖ Huron O Jackson O Jefferson O Knox Lake Lawrence

High School Enrollment

The table below shows annual enrollment trends for high school seniors for public, private and charter schools by fiscal year. For example, Fiscal Year 2018 represents the school year 2018-2019. 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.

Union County

Number of High School Seniors (12th Graders*)

Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
2014	551	0	0	551	
2015	489	0	0	489	96
2016	535	0	0	535	351
2017	552	0	0	552	714
2018	558	0	0	558	731
2019	546	0	0	546	762
2020	471	0	0	471	461
2021	613			613	290
2022	519			519	290
2023	613			613	360

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

Does not include <10 estimate. If between 1 and 10 students, the field will be blank. *Source: Monster Government Solutions.

Local Area Talent Report

The tables and graphs below show the education levels and predominant skills of the county's workforce, as reported on resumes posted in OhioMeansJobs.com.

Year 2020 2021 2022 2022 2023	The number of resumes restored citizens, and in	Resume Snapshot The number of resumes posted in OhioMeansJobs.com by county residents is shown below, including the number posted by veterans, restored citizens, and individuals with disabilities. The number of restored citizen resumes represents resumes posted by individuals who were incarcerated in Ohio Department of Rehabilitation and Correction facilities and had 2023 release dates.						
County	Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes	Total Individuals with a Disability Resumes				
Union								

217

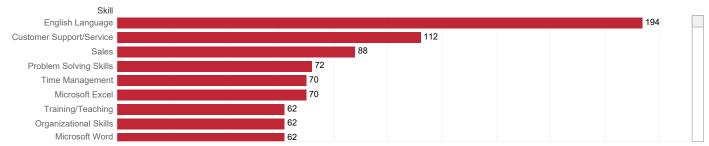
0

Source: Monster.com and Monster Government Solutions. *County was determined based on home/returning address provided by incarcerated individuals.

66

Number of Resumes with Top 45 Workforce Skills

1,673



Source: Monster Government Solutions, April 2021.

Education Level



Source: Monster Government Solutions, April 2022. See "Quick Guide to Understanding the County Economic Health Reports" for description of educational categories.

Educational Attainment by Age Group The bar charts below show the distribution of educational attainment by age group for county residents. Educational attainment refers to the highest level of education completed.

Year 2019 2020 2021 2021 2022

nion

County	18 to 24	Less than 9th grade	116							
County Union	years	9th to 12th Grade, No Diploma	777							
JIIIUII		High school graduate (includes GED))		1,970					
		Some college, no degree		1,223						
		Associate's degree	345							
		Bachelor's degree	580							
		Graduate or professional degree	20							
lighlight Education Level	25 to 34	Less than 9th grade	73							
No items highlighted	years	9th to 12th Grade, No Diploma	339							
		High school graduate (includes GED))		2	,343				
		Some college, no degree		1,390						
		Associate's degree	626	_						
		Bachelor's degree				2,493				
		Graduate or professional degree	919)						
	35 to 44	Less than 9th grade	52							
	years	9th to 12th Grade, No Diploma	471							
		High school graduate (includes GED		1,60	3					
		Some college, no degree		1	764					
		Associate's degree	672							
		Bachelor's degree					3,249	9		
		Graduate or professional degree			2,036					
	45 to 64	Less than 9th grade	123							
	years	9th to 12th Grade, No Diploma	433							
		High school graduate (includes GED)							5,415
		Some college, no degree					3,153			
		Associate's degree		1,170			_			
		Bachelor's degree							4,265	
		Graduate or professional degree			2,2	35				
	65 years and	Less than 9th grade	176							
	over	9th to 12th Grade, No Diploma	515							
		High school graduate (includes GED						3,783		
		Some college, no degree		1,558	3			_		
		Associate's degree	456							
		Bachelor's degree		1,094						
		Graduate or professional degree	631							
			0 500 1000	1500 2	000 25	500 30	00 3500	0 4000	4500 50	00 5500

Source: American Community Survey, 5-year estimates, 2018-2021.

Veteran Employment

The bar charts below show the number of veterans and nonveterans in the county who are members of the labor force (which means they are working or looking for work), the labor force participation rate for both veterans and nonveterans, and the unemployment rate for both veterans and nonveterans. Veterans include anyone who has ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard.

County Veteran and Nonveteran Employment Estimates

Union County Туре 30,085 Nonveterans 1,425 Veterans 0K 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K 24K 26K 28K 30K 32K Labor Force Participation Туре 78.9% Nonveterans 82.8% Veterans 0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0% 70.0% 80.0% 90.0% Labor Force Participation Rate Туре 2.9% Nonveterans 5.5% Veterans 0.5% 0.0% 1.0% 1.5% 2.0% 2.5% 3.0% 3.5% 4.0% 4.5% 5.0% 5.5% 6.0%

Unemployment Rate

Ŏ 2021 2022 County ○ Adams○ Allen ○ Ashland Ashtabula Athens Auglaize O Belmont Brown O Butler ○ Champaign Clark Clermont O Clinton Columbiana O Coshocton Crawford O Cuyahoga O Darke O Defiance O Delaware O Erie O Fairfield Fayette O Fulton Gallia
 Geauga
 Greene ⊖ Guernsey Hamilton Hancock

◯ Harrison

Henry
 Highland
 Hocking

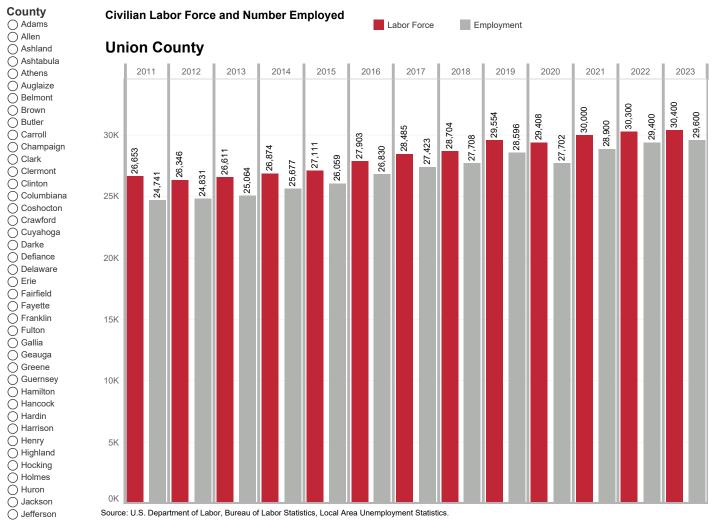
⊖ Holmes

Huron

Year 2019 2020

Civilian Labor Force

The bar chart below show the county's civilian labor force. This includes everyone 16 and older who is working or looking for work. It does not include military personnel, individuals in institutions, those studying or keeping house full-time, retirees, or volunteer workers.

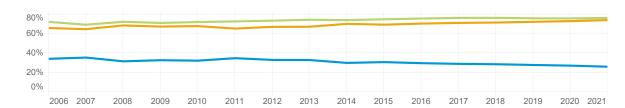


Commuting Patterns

The tables below show the commuting patterns of workers who either live in or work in the county.



Commuting Trends - Union County



Commuting Patterns - Union County, 2010 - 2020

Year	# Of Workers Who Live And Are Employed Here	# Of Workers Who Live Here, But Work In Another County	# Of Workers Who Work Here, But Live In Another County
2016	8,052	19,202	25,058
2017	8,219	20,278	26,560
2018	8,658	21,773	27,999
2019	8,532	22,291	26,864
2020	8,298	22,444	26,021
2021	8,271	23,647	26,618

Commuting Trends for Out-Commuters – Live in County, but Work in Another County

Commuting Trends for In-Commuters – Work in County, but Live in Another County

	Yea	r		Year	
Top Work Counties for Out-Commuters	2020	2021	Top Home Counties for In-Commuters	2020	2021
Franklin County, OH	12,162	12,597	Franklin County, OH	8,306	7,944
Delaware County, OH	2,069	2,181	Logan County, OH	2,630	2,928
Logan County, OH	1,303	1,382	Delaware County, OH	2,646	2,653
Madison County, OH	544	561	Champaign County, OH	1,506	1,514
Marion County, OH	543	516	Marion County, OH	1,151	1,100
Cuyahoga County, OH	517	601	Clark County, OH	782	800
Hamilton County, OH	437	494	Madison County, OH	621	664
Licking County, OH	422	614	Allen County, OH	565	645
Clark County, OH	333	322	Hardin County, OH	561	638
Montgomery County, OH	304	357	Montgomery County, OH	446	480

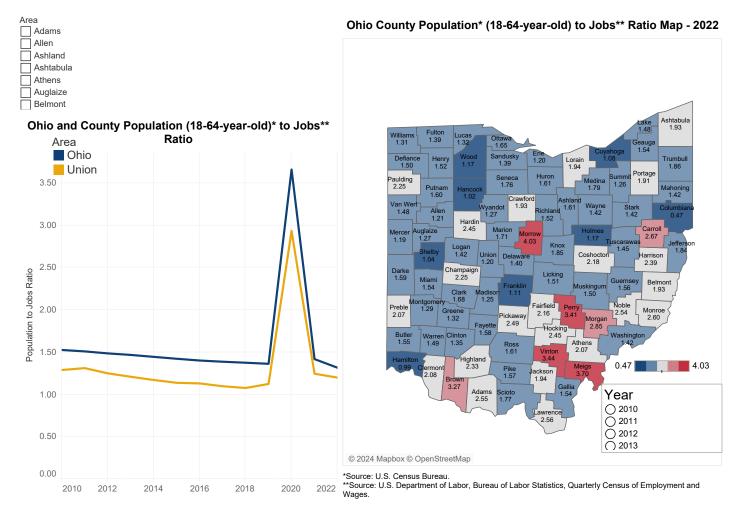
Source: U.S. Census Bureau, OnTheMap. Includes all jobs, 2nd quarter only.

County

Adams

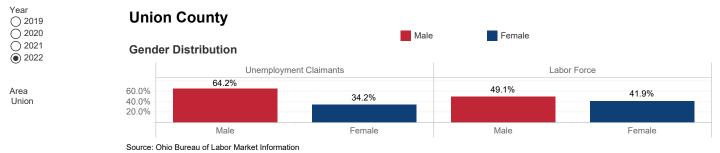
Population-to-Jobs Ratio

The graph and map below show the county's working-age population-to-jobs ratio. The working-age population includes everyone ages 18 to 64. Higher population-to-jobs ratios indicate there are more working-age adults than jobs, which could lead workers to commute to other counties for work. Lower ratios could indicate that the county tends to attract commuters.

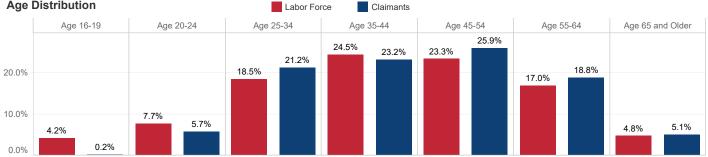


Unemployment Claimant and Labor Force Demographics

The bar charts below show demographic data for two groups of county residents: (1) members of the labor force (which means they are working or seeking work) and (2) individuals who filed unemployment claims. Comparing this information can be useful for planning intervention and training programs.

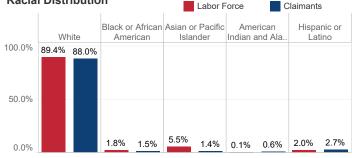


Age Distribution

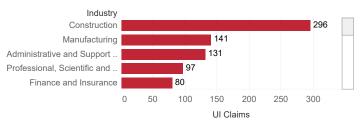


Source: Ohio Bureau of Labor Market Information.

Racial Distribution



Unemployment Claims by Industry



Source: Ohio Bureau of Labor Market Information.

*Unclassified/Not Coded industries coded as NAICS '9999999' or claims with an unspecified employer.

Source: Ohio Bureau of Labor Market Information.