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.

Ross			
Industry label	2012	2021	2022
Health Care and Social Assistance	17.70%	11.36%	19.65%
Manufacturing	18.41%	18.32%	16.38%
Retail Trade	14.67%	14.51%	12.78%
Accommodation and Food Services	9.23%	10.83%	10.01%
Educational Services	9.74%	9.19%	8.34%
Public Administration	7.75%	8.59%	7.14%
Construction	2.69%	3.54%	4.29%
Transporation and Warehousing	2.83%	4.86%	4.27%
Administrative and Support Services	4.14%	5.01%	3.97%
Wholesale Trade	1.68%	2.59%	2.40%
Other Services (except Public Adm..	2.19%	2.31%	2.04%
Finance and Insurance	1.85%	2.15%	1.86%
Professional, Scientific, and Techni..	1.76%	1.60%	1.41%
Real Estate and Rental and Leasing	0.43%	1.45%	1.39%
Information	1.69%	1.02%	1.12%
Management of Companies	1.02%	0.58%	1.07%
Utilities	1.04%	0.95%	0.81%
Arts, Entertainment, and Recreation	0.79%	0.63%	0.65%
Agriculture, Forestry, Fishing, and ..	0.29%	0.42%	0.36%
Mining, Quarrying, and Oil and Gas..	0.10%	0.08%	0.08%

Ohio			
Industry label	2012	2021	2022
Health Care and Social Assistance	16.08%	16.49%	15.86%
Manufacturing	13.42%	12.87%	12.88%
Retail Trade	11.32%	10.29%	10.16%
Accommodation and Food Services	8.41%	8.16%	8.59%
Educational Services	8.93%	8.52%	8.17%
Administrative and Support Services	6.18%	6.19%	6.27%
Professional, Scientific, and Technic..	4.95%	5.29%	5.39%
Transporation and Warehousing	3.56%	4.98%	5.10%
Construction	3.79%	4.47%	4.54%
Wholesale Trade	4.46%	4.39%	4.44%
Finance and Insurance	4.09%	4.31%	4.40%
Public Administration	3.31%	3.08%	3.01%
Other Services (except Public Admin..	3.05%	2.81%	2.89%
Management of Companies	2.79%	2.77%	2.74%
Arts, Entertainment, and Recreation	1.58%	1.62%	1.77%
Information	1.81%	1.51%	1.57%
Real Estate and Rental and Leasing	1.15%	1.20%	1.22%
Utilities	0.60%	0.56%	0.52%
Agriculture, Forestry, Fishing, and H..	0.28%	0.33%	0.34%
Mining, Quarrying, and Oil and Gas ..	0.25%	0.16%	0.16%

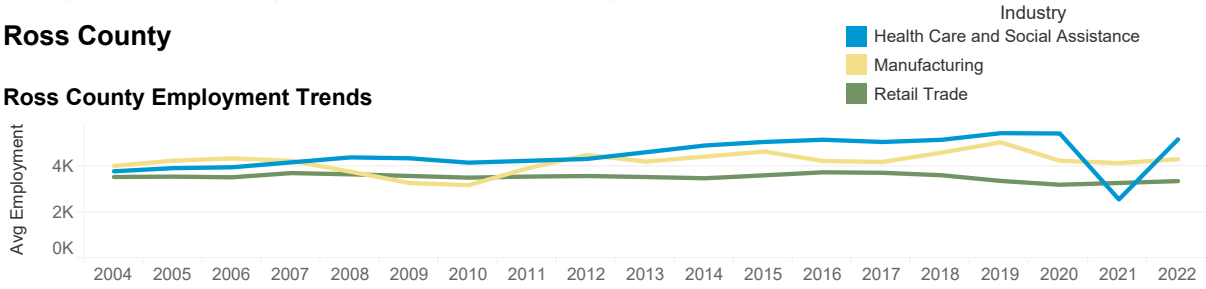Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

*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.
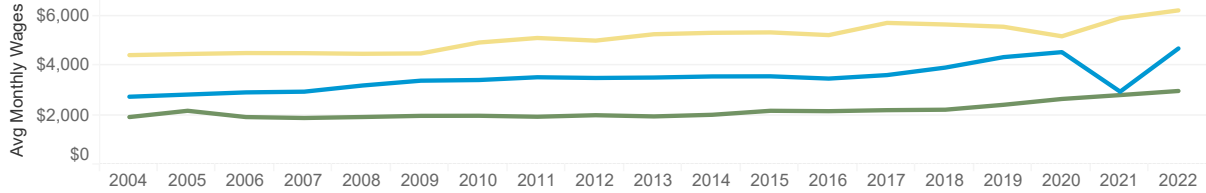
Employment and Monthly Wage Trends

The graphs below provide information on the top three industry sectors in 2022 identified in the Employment Percent by Industry visualization. Detailed information includes annual employment and monthly wage trends for the three sectors based on beginning of the quarter employment and wages. Employment and wage trends show fluctuations and indicate growth or decline over the years.

Industry
- Health Care and Social Assistance
- Manufacturing
- Retail Trade

Ross County

Ross County Employment Trends

Ross County Wage Trends

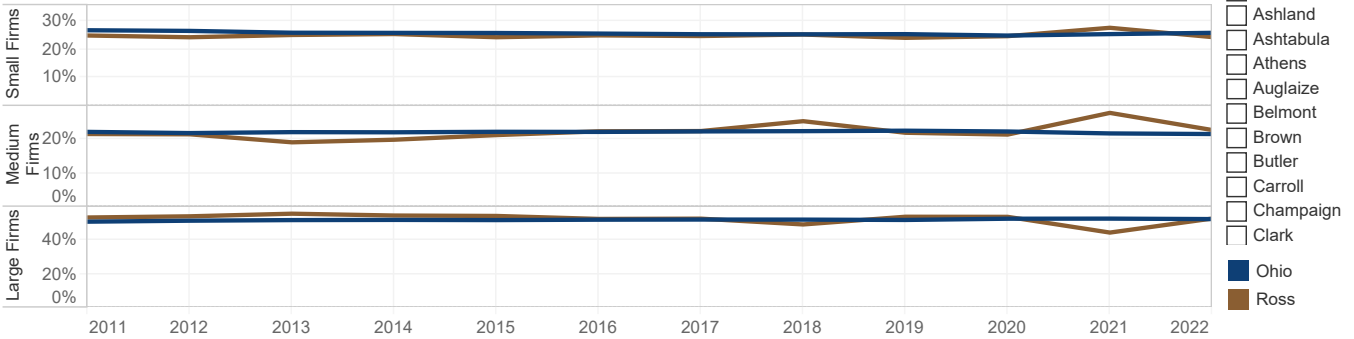| Adams |
|---|
| Allen |
| Ashland |
| Ashtabula |
| Athens |
| Auglaize |
| Belmont |
| Brown |
| Butler |
| Carroll |
| Champaign |
| Clark |
| Clermont |
| Clinton |
| Columbiana |
| Coshocton |
| Crawford |
| Cuyahoga |
| Darke |
| Defiance |
| Delaware |
| Erie |
| Fairfield |
| Fayette |
| Franklin |
| Fulton |
| Gallia |

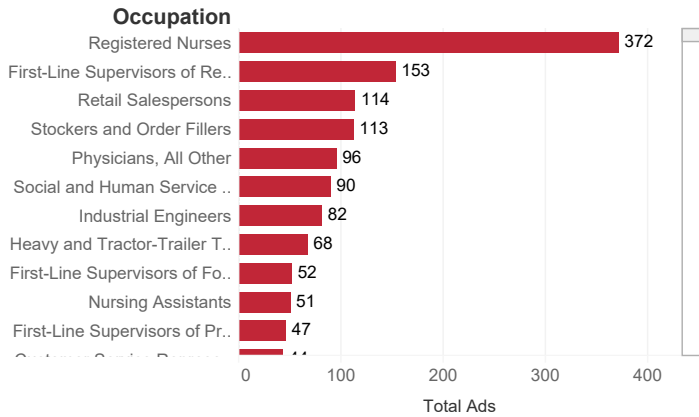## Percent of Employment in Firms

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.
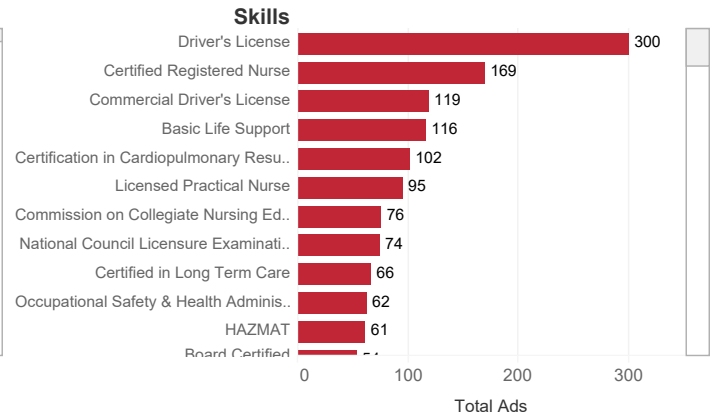

Firm Size
- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- Butler
- Carroll
- Champaign
- Clark

- Ohio
- Ross

County

Ross

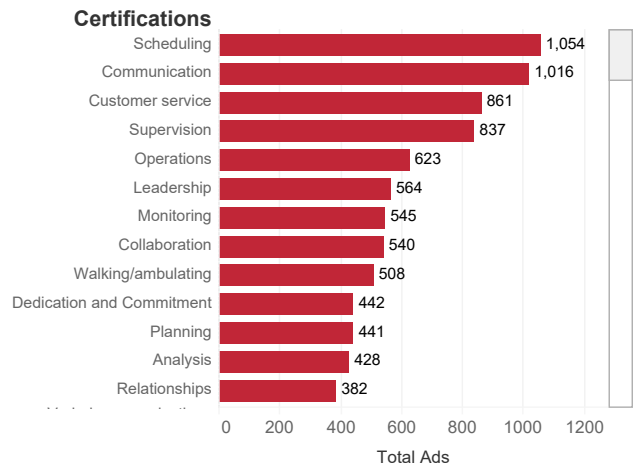### Top Occupations with the Most Area Online Job Ads

Occupation

Occupation	Total Ads
Registered Nurses	372
First-Line Supervisors of Re..	153
Retail Salespersons	114
Stockers and Order Fillers	113
Physicians, All Other	96
Social and Human Service ..	90
Industrial Engineers	82
Heavy and Tractor-Trailer T..	68
First-Line Supervisors of Fo..	52
Nursing Assistants	51
First-Line Supervisors of Pr..	47

Top Skills for Online Job Ads

Skills

Skills	Total Ads
Driver's License	300
Certified Registered Nurse	169
Commercial Driver's License	119
Basic Life Support	116
Certification in Cardiopulmonary Resu..	102
Licensed Practical Nurse	95
Commission on Collegiate Nursing Ed..	76
National Council Licensure Examinati..	74
Certified in Long Term Care	66
Occupational Safety & Health Adminis..	62
HAZMAT	61
Board Certified	54

Top Employers with the Most Area Online Job Ads

Employer

Employer	Total Ads
University Hospitals	11,496
Promedica	7,009
TriHealth	6,776
The Dollar General	5,970
THRASHER GROUP INC.	4,954
CHILDREN'S HOSPITAL MEDICAL C..	4,641
OHIO State University	4,341
University of Cincinnati	4,063
Deloitte	3,959
Nationwide Children's Hospital	3,732
Walmart	3,689
Aultman Health Foundation	3,652
Internal Revenue Service	3,310

Top Certifications for Online Job Ads

Certifications

Certifications	Total Ads
Scheduling	1,054
Communication	1,016
Customer service	861
Supervision	837
Operations	623
Leadership	564
Monitoring	545
Collaboration	540
Walking/ambulating	508
Dedication and Commitment	442
Planning	441
Analysis	428
Relationships	382

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

Industry	Ohio 2022				Ross 2022			
	1	2	3	4	1	2	3	4
Accommodation and Food Services	17.8%	17.0%	17.9%	16.5%	18.1%	16.8%	16.5%	16.7%
Administrative and Support Services	19.2%	17.8%	19.9%	17.6%	21.4%	20.1%	20.6%	18.4%
Agriculture, Forestry, Fishing and Hunting	9.0%	10.0%	15.1%	8.5%	8.2%	8.2%	9.0%	12.5%
Arts, Entertainment, and Recreation	11.7%	11.3%	24.4%	10.6%	9.0%	13.6%	30.7%	7.9%
Construction	8.2%	8.7%	13.8%	8.8%	12.6%	18.3%	26.1%	16.7%
Educational Services	11.0%	5.7%	3.7%	6.5%	8.7%	5.2%	2.8%	6.5%
Finance and Insurance	5.9%	5.2%	5.7%	5.6%	5.9%	6.1%	7.3%	7.2%
Health Care and Social Assistance	8.8%	8.6%	8.6%	8.8%	30.7%	12.1%	7.6%	9.8%
Information	7.8%	8.2%	7.8%	7.7%	7.9%	8.6%	8.8%	9.8%
Management of Companies and Enterprises	6.4%	6.3%	6.2%	5.9%	19.2%	8.6%	8.0%	11.3%
Manufacturing	6.9%	6.7%	6.5%	6.6%	3.9%	5.4%	7.3%	8.0%
Mining, Quarrying, and Oil and Gas Extraction	7.7%	8.1%	8.9%	8.2%	35.5%	19.7%	12.5%	12.9%
Other Services (except Public Administration)	9.9%	9.6%	10.1%	9.4%	11.4%	10.2%	9.7%	9.8%
Professional, Scientific, and Technical Services	8.5%	7.8%	8.3%	7.4%	10.8%	6.8%	8.0%	9.8%
Public Administration	4.8%	4.4%	6.2%	4.7%	5.2%	4.4%	5.6%	4.0%
Real Estate and Rental and Leasing	8.9%	9.0%	10.7%	8.9%	10.5%	8.5%	10.4%	9.0%
Retail Trade	12.7%	10.6%	10.5%	11.1%	13.7%	11.9%	11.0%	12.9%
Transportation and Warehousing	12.6%	10.2%	10.0%	10.6%	16.3%	12.3%	14.4%	13.6%
Utilities	3.9%	3.8%	3.9%	3.7%	2.7%	3.1%	2.6%	3.7%
Wholesale Trade	7.3%	6.9%	7.1%	6.9%	7.2%	12.9%	9.8%	7.1%
All NAICS	10.1%	9.1%	9.7%	9.2%	14.4%	10.3%	10.0%	10.3%

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.

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.

Ross County

Number of High School Seniors (12th Graders*)

Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
2014	821	0	0	821	
2015	548	0	0	548	60
2016	579	0	0	579	344
2017	538	10	0	548	448
2018	510	20	0	530	508
2019	543	34	0	577	607
2020	569	25	0	594	707
2021	1,359	17		1,376	500
2022	1,256	17		1,273	500
2023	1,359	13		1,372	311

*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.

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.
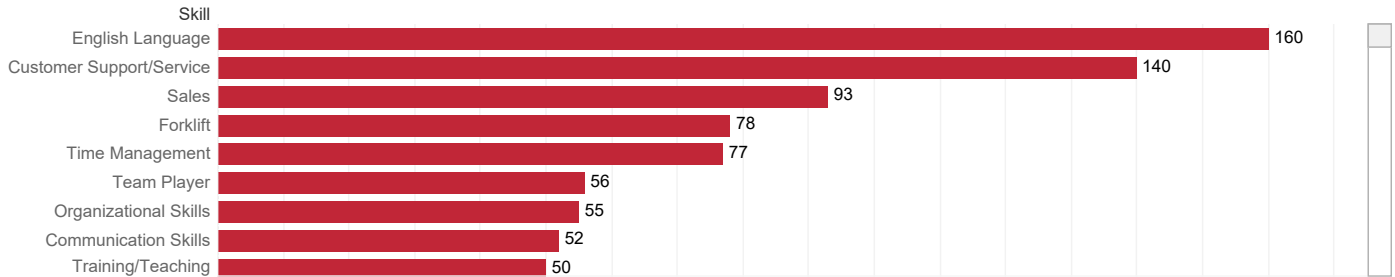
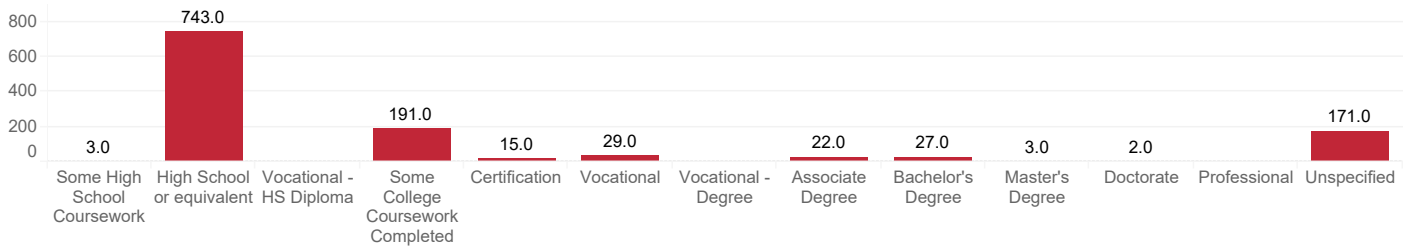| Ross			
Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes	Total Individuals with a Disability Resumes
2,995	122	353	1

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

Number of Resumes with Top 45 Workforce Skills

Skill	
English Language	160
Customer Support/Service	140
Sales	93
Forklift	78
Time Management	77
Team Player	56
Organizational Skills	55
Communication Skills	52
Training/Teaching	50

Source: Monster Government Solutions, April 2021.

Education Level

Education level data (values shown on bar chart):
- Some High School Coursework: 3.0
- High School or equivalent: 743.0
- Vocational - HS Diploma: (none shown)
- Some College Coursework Completed: 191.0
- Certification: 15.0
- Vocational: 29.0
- Vocational - Degree: (none shown)
- Associate Degree: 22.0
- Bachelor's Degree: 27.0
- Master's Degree: 3.0
- Doctorate: 2.0
- Professional: (none shown)
- Unspecified: 171.0

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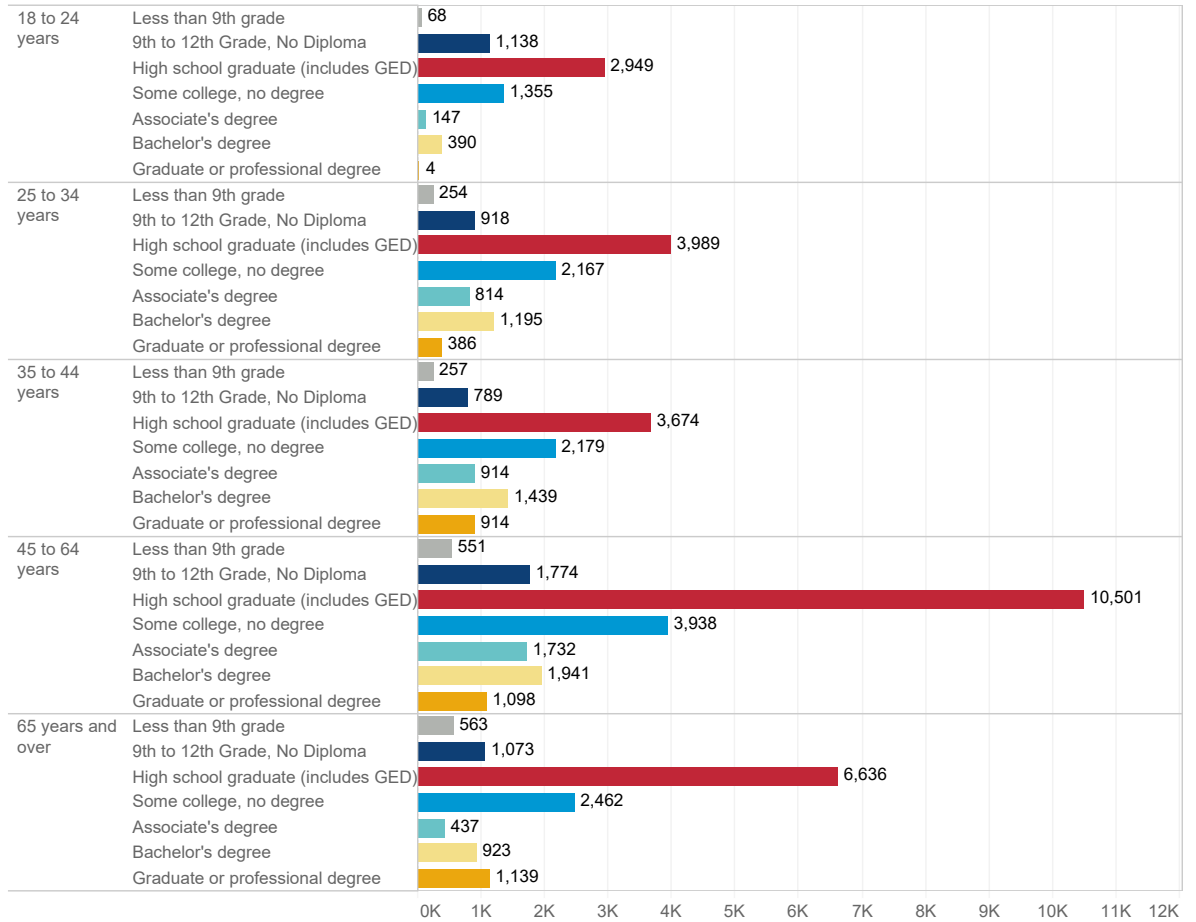
Educational Attainment by Age Group

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.

Ross

18 to 24 years

Education Level	Value
Less than 9th grade	68
9th to 12th Grade, No Diploma	1,138
High school graduate (includes GED)	2,949
Some college, no degree	1,355
Associate's degree	147
Bachelor's degree	390
Graduate or professional degree	4

25 to 34 years

Education Level	Value
Less than 9th grade	254
9th to 12th Grade, No Diploma	918
High school graduate (includes GED)	3,989
Some college, no degree	2,167
Associate's degree	814
Bachelor's degree	1,195
Graduate or professional degree	386

35 to 44 years

Education Level	Value
Less than 9th grade	257
9th to 12th Grade, No Diploma	789
High school graduate (includes GED)	3,674
Some college, no degree	2,179
Associate's degree	914
Bachelor's degree	1,439
Graduate or professional degree	914

45 to 64 years

Education Level	Value
Less than 9th grade	551
9th to 12th Grade, No Diploma	1,774
High school graduate (includes GED)	10,501
Some college, no degree	3,938
Associate's degree	1,732
Bachelor's degree	1,941
Graduate or professional degree	1,098

65 years and over

Education Level	Value
Less than 9th grade	563
9th to 12th Grade, No Diploma	1,073
High school graduate (includes GED)	6,636
Some college, no degree	2,462
Associate's degree	437
Bachelor's degree	923
Graduate or professional degree	1,139

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

Ross County

Labor Force Participation — Nonveterans: 29,596; Veterans: 2,028

Labor Force Participation Rate — Nonveterans: 66.2%; Veterans: 73.5%

Unemployment Rate — Nonveterans: 6.2%; Veterans: 0.0%
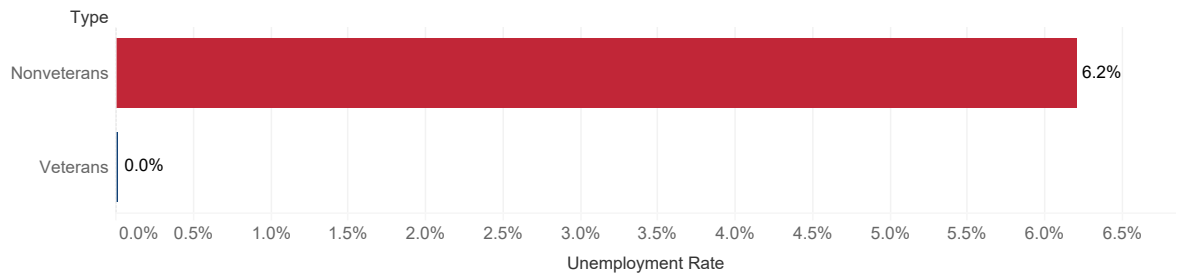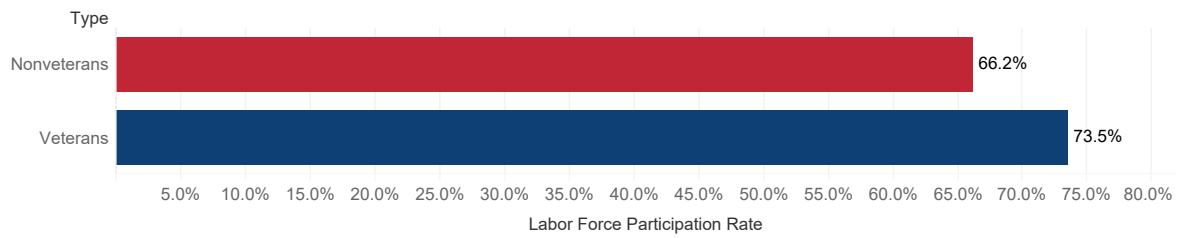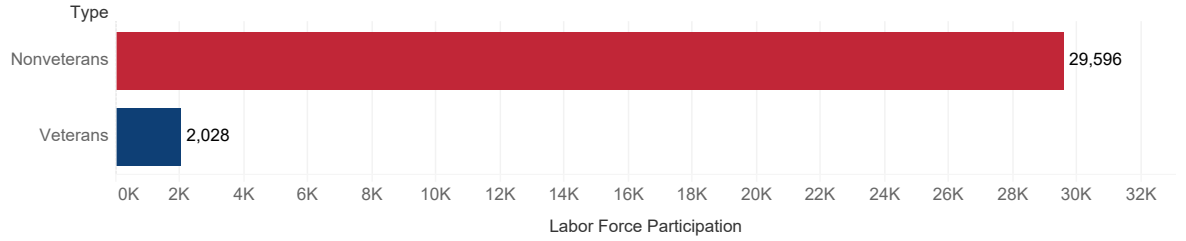
Civilian Labor Force

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.
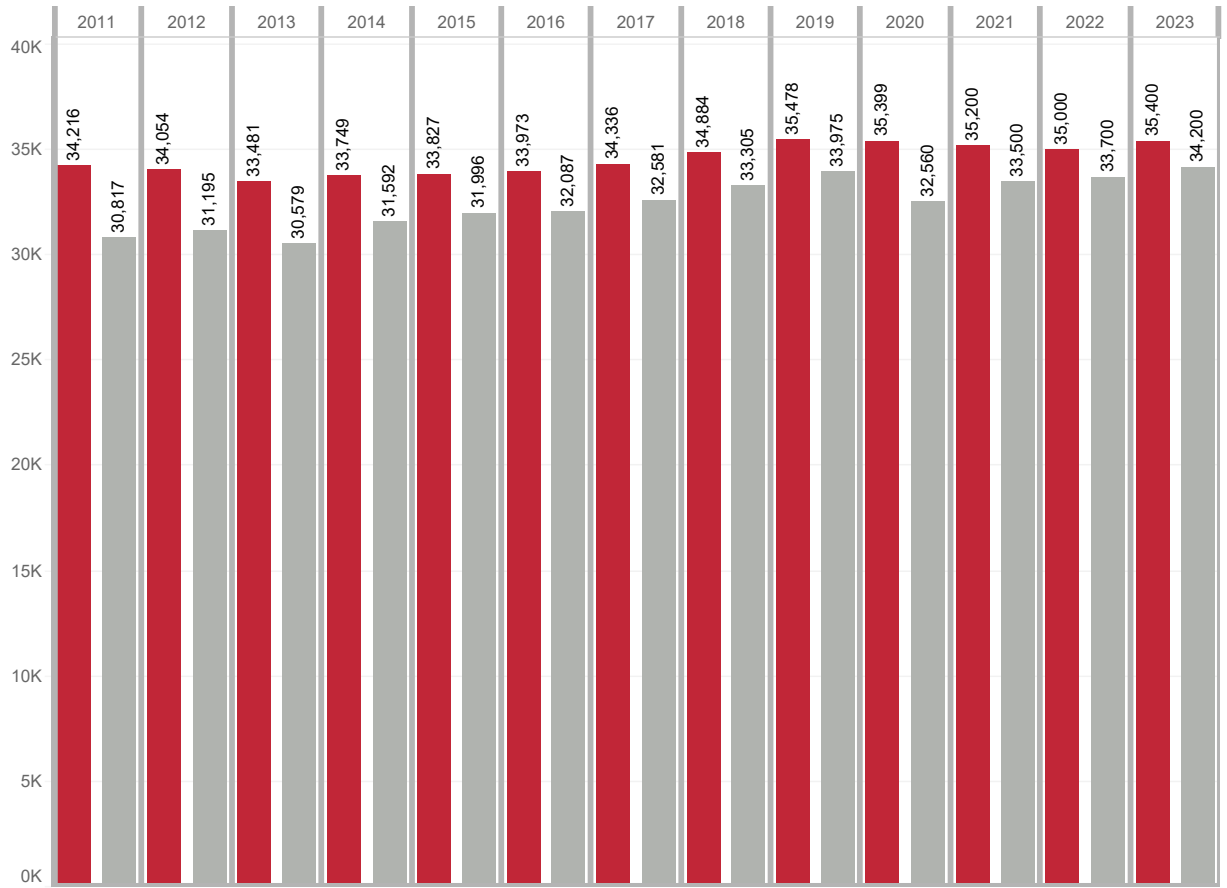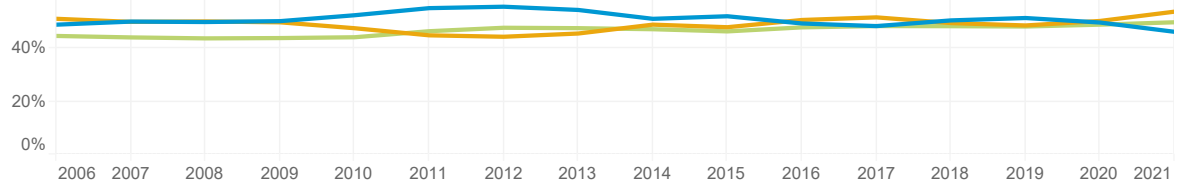
County

- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- Butler
- Carroll
- Champaign
- Clark
- Clermont
- Clinton
- Columbiana
- Coshocton
- Crawford
- Cuyahoga
- Darke
- Defiance
- Delaware
- Erie
- Fairfield
- Fayette
- Franklin
- Fulton
- Gallia
- Geauga
- Greene
- Guernsey
- Hamilton
- Hancock
- Hardin
- Harrison
- Henry
- Highland
- Hocking
- Holmes
- Huron
- Jackson
- Jefferson

Civilian Labor Force and Number Employed

■ Labor Force   **■ Employment**

Ross County

Year	Labor Force	Employment
2011	34,216	30,817
2012	34,054	31,195
2013	33,481	30,579
2014	33,749	31,592
2015	33,827	31,996
2016	33,973	32,087
2017	34,336	32,581
2018	34,884	33,305
2019	35,478	33,975
2020	35,399	32,560
2021	35,200	33,500
2022	35,000	33,700
2023	35,400	34,200

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

Commuting Patterns

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

Legend:
- ■ Live in, work in
- ■ Live in, work out
- ■ Work in, live out

Commuting Trends - Ross County

Commuting Patterns - Ross 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	13,366	13,722	12,278
2017	13,264	14,165	12,425
2018	14,471	14,183	13,532
2019	14,908	14,087	13,882
2020	13,741	13,927	13,138
2021	12,127	14,099	12,050

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

Top Work Counties for Out-Commuters	Year 2020	2021
Franklin County, OH	3,251	3,374
Pickaway County, OH	1,450	1,582
Pike County, OH	1,007	973
Highland County, OH	667	678
Hamilton County, OH	653	643
Fayette County, OH	619	668
Montgomery County, OH	424	439
Fairfield County, OH	411	387
Scioto County, OH	356	381
Greene County, OH	275	
Licking County, OH		327

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

| Top Home Counties for In-Commuters	Year 2020	2021
Pike County, OH	1,641	1,389
Franklin County, OH	1,089	1,081
Pickaway County, OH	1,230	1,041
Scioto County, OH	857	709
Lawrence County, OH	680	573
Vinton County, OH	688	556
Fairfield County, OH	607	515
Highland County, OH	593	510
Fayette County, OH	398	379
Hocking County, OH		352
Jackson County, OH	400	

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

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.

Area
- [ ] Adams
- [ ] Allen
- [ ] Ashland
- [ ] Ashtabula
- [ ] Athens
- [ ] Auglaize
- [ ] Belmont

Ohio and County Population (18-64-year-old)* to Jobs** Ratio

Area
- Ohio
- Ross
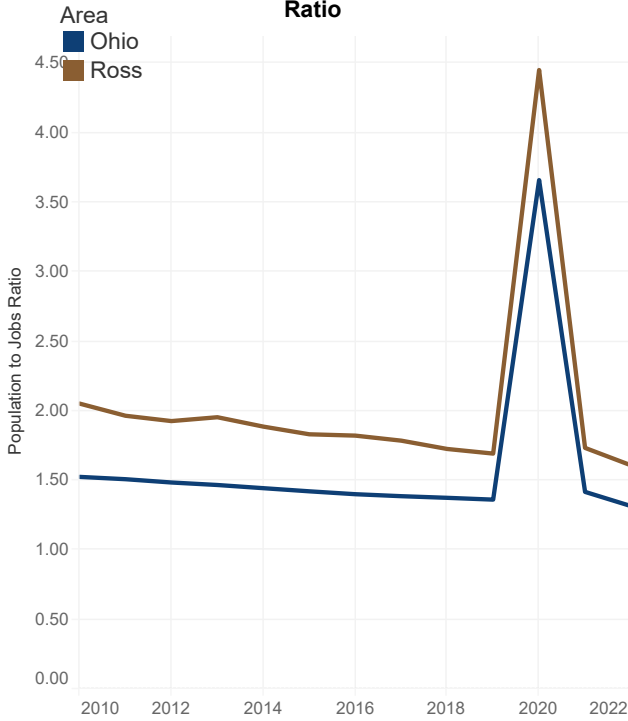
Ohio County Population* (18-64-year-old) to Jobs** Ratio Map - 2022

© 2024 Mapbox © OpenStreetMap

Year
- 2010
- 2011
- 2012
- 2013
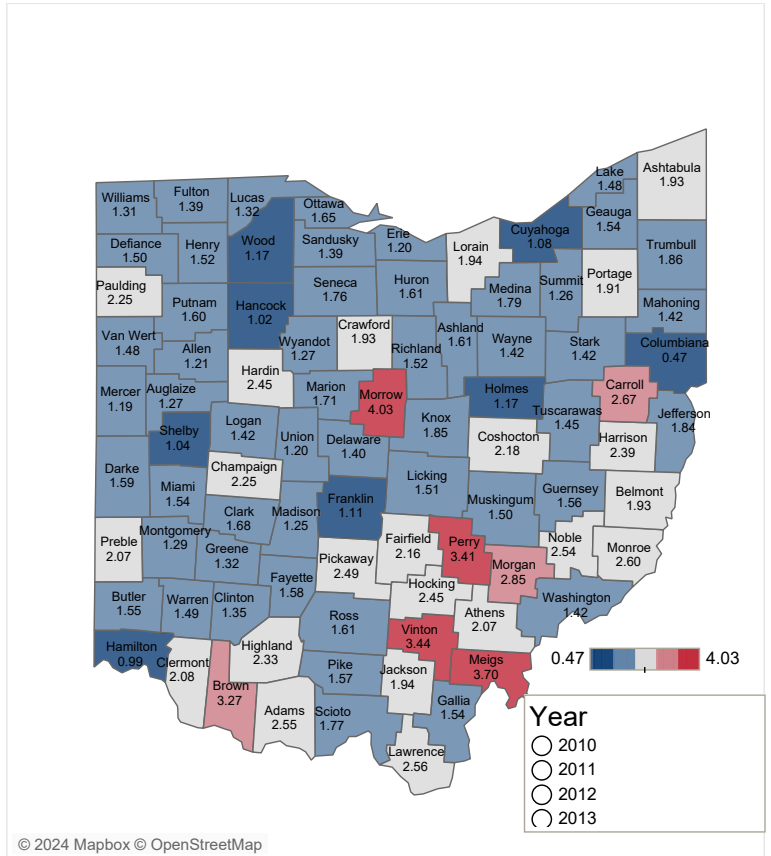
*Source: U.S. Census Bureau.
**Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages.
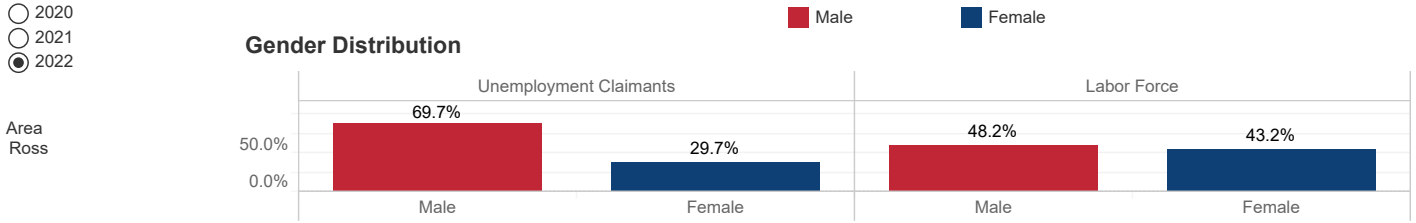
Unemployment Claimant and Labor Force Demographics

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.
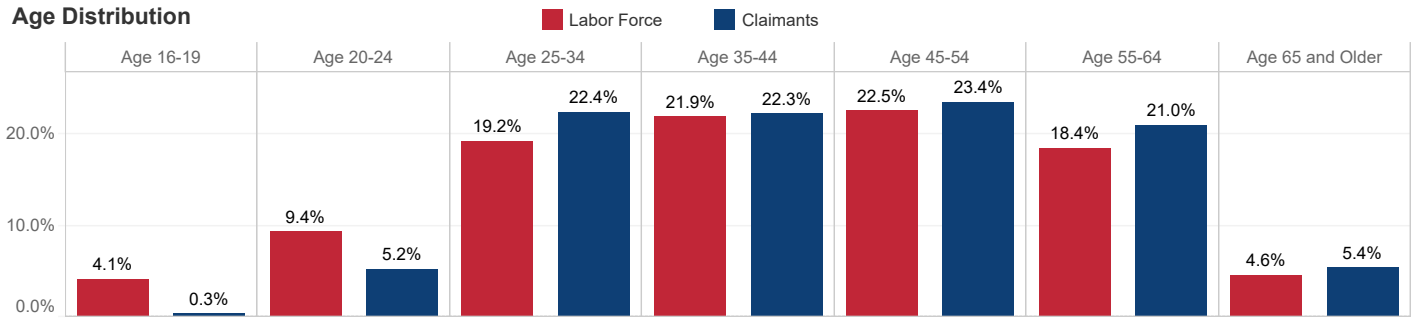
Year
- ○ 2019
- ○ 2020
- ○ 2021
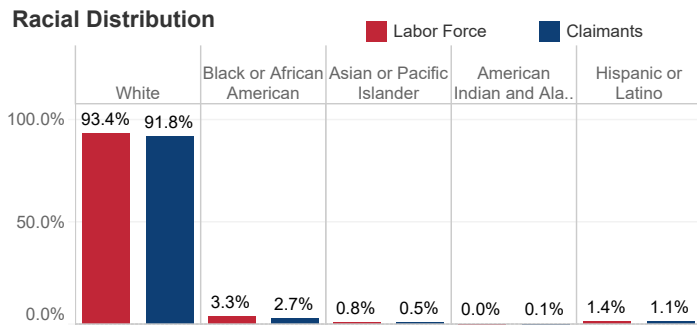- ● 2022

Area
Ross

Ross County

Gender Distribution

Legend: ■ Male ■ Female

Unemployment Claimants		Labor Force	
Male 69.7%	Female 29.7%	Male 48.2%	Female 43.2%

Source: Ohio Bureau of Labor Market Information

Age Distribution

Legend: ■ Labor Force ■ Claimants

	Age 16-19	Age 20-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65 and Older
Labor Force	4.1%	9.4%	19.2%	21.9%	22.5%	18.4%	4.6%
Claimants	0.3%	5.2%	22.4%	22.3%	23.4%	21.0%	5.4%

Source: Ohio Bureau of Labor Market Information.

Racial Distribution

Legend: ■ Labor Force ■ Claimants

	White	Black or African American	Asian or Pacific Islander	American Indian and Ala..	Hispanic or Latino
Labor Force	93.4%	3.3%	0.8%	0.0%	1.4%
Claimants	91.8%	2.7%	0.5%	0.1%	1.1%

Source: Ohio Bureau of Labor Market Information.

Unemployment Claims by Industry

Industry	UI Claims
Construction	907
Manufacturing	354
Health Care and Social Ass..	199
Administrative and Support ..	185
Retail Trade	158
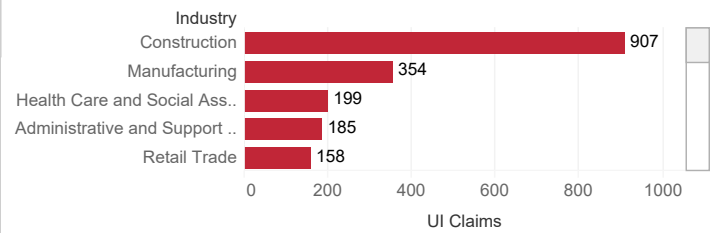
Source: Ohio Bureau of Labor Market Information.
*Unclassified/Not Coded industries coded as NAICS '999999' or claims with an unspecified employer.