

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.

Area

- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont
- Brown
- ...

Ohio

Industry	2010	2019	2020
Health Care and Social Assistance	16.60%	16.70%	16.69%
Manufacturing	13.70%	13.90%	13.22%
Retail Trade	11.30%	9.90%	10.17%
Educational Services	9.20%	8.60%	8.59%
Accommodation and Food Services	7.80%	8.00%	8.11%
Administrative and Support Services	4.90%	5.20%	5.88%
Professional, Scientific, and Technical Services	5.10%	5.30%	5.23%
Transportation and Warehousing	3.50%	4.20%	4.60%
Construction	3.50%	4.30%	4.49%
Wholesale Trade	4.70%	4.60%	4.44%
Finance and Insurance	4.50%	4.60%	4.36%
Public Administration	3.80%	3.30%	3.12%
Management of Companies	2.60%	3.00%	2.92%
Other Services (except Public Administration)	3.10%	2.90%	2.84%
Information	2.00%	1.70%	1.56%
Arts, Entertainment, and Recreation	1.30%	1.50%	1.51%
Real Estate and Rental and Leasing	1.20%	1.20%	1.21%
Utilities	0.70%	0.60%	0.56%
Agriculture, Forestry, Fishing and Hunting	0.20%	0.30%	0.33%
Mining, Quarrying, and Oil and Gas Extraction	0.20%	0.20%	0.18%

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Stark

Industry	2010	2019	2020
Health Care and Social Assistance	19.50%	18.80%	19.07%
Manufacturing	17.20%	16.80%	16.07%
Retail Trade	13.50%	11.60%	11.93%
Accommodation and Food Services	8.30%	9.10%	9.43%
Educational Services	9.20%	9.00%	8.66%
Administrative and Support Services	4.50%	4.70%	5.36%
Construction	3.60%	4.90%	4.90%
Wholesale Trade	4.20%	4.40%	4.35%
Finance and Insurance	3.50%	3.60%	3.56%
Other Services (except Public Administration)	3.80%	3.80%	3.46%
Professional, Scientific, and Technical Services	2.90%	3.40%	3.30%
Public Administration	2.50%	2.40%	2.32%
Transportation and Warehousing	1.80%	2.20%	2.23%
Information	1.80%	1.40%	1.26%
Arts, Entertainment, and Recreation	1.10%	1.20%	1.24%
Management of Companies	1.00%	1.00%	1.07%
Real Estate and Rental and Leasing	0.90%	0.90%	0.90%
Utilities	0.50%	0.60%	0.53%
Mining, Quarrying, and Oil and Gas Extraction	0.20%	0.20%	0.22%
Agriculture, Forestry, Fishing and Hunting	0.10%	0.10%	0.15%

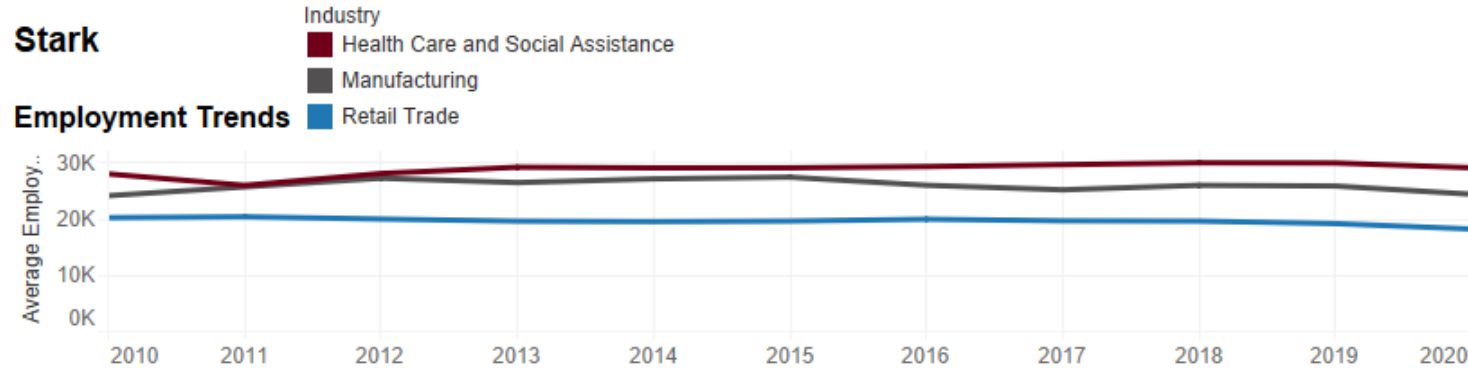
Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

*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.

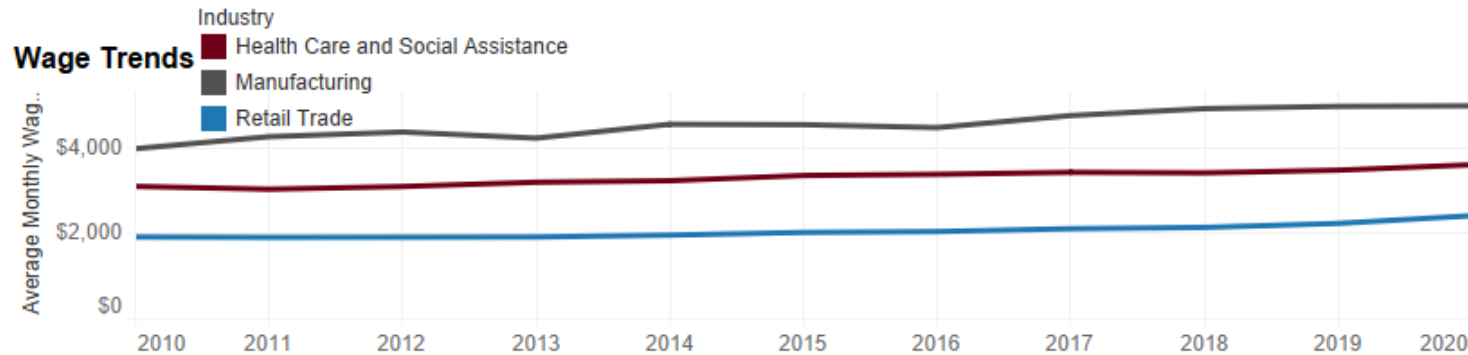
Employment and Monthly Wage Trends

The graphs below provide information on the top three industry sectors identified in Figure 1. 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.

Stark

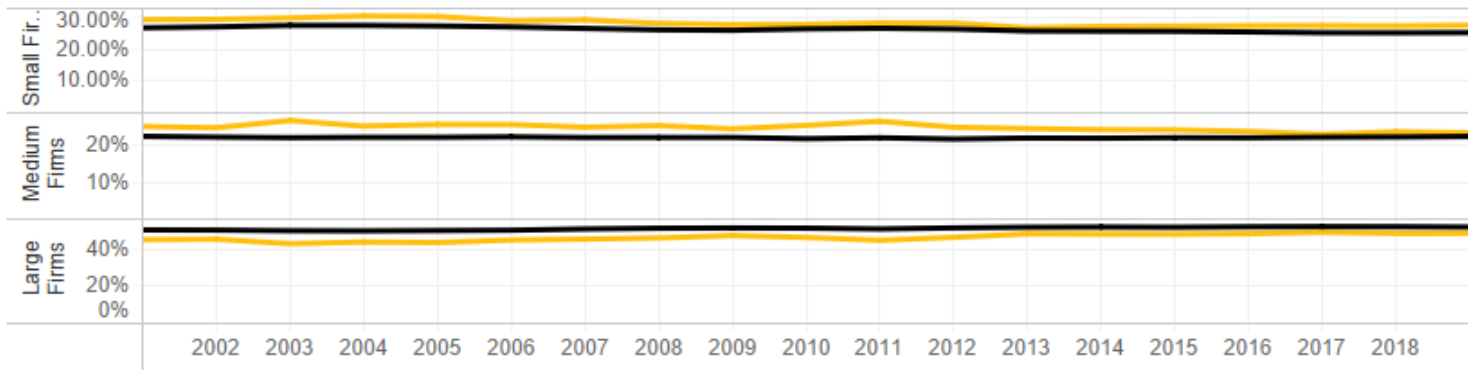


Wage Trends



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.



Employment Trends

- Adams
- Allen
- Ashland
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- Butler
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- Clark
- Clermont

Wage Trends

- Adams
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Firm Size

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Online Job Postings

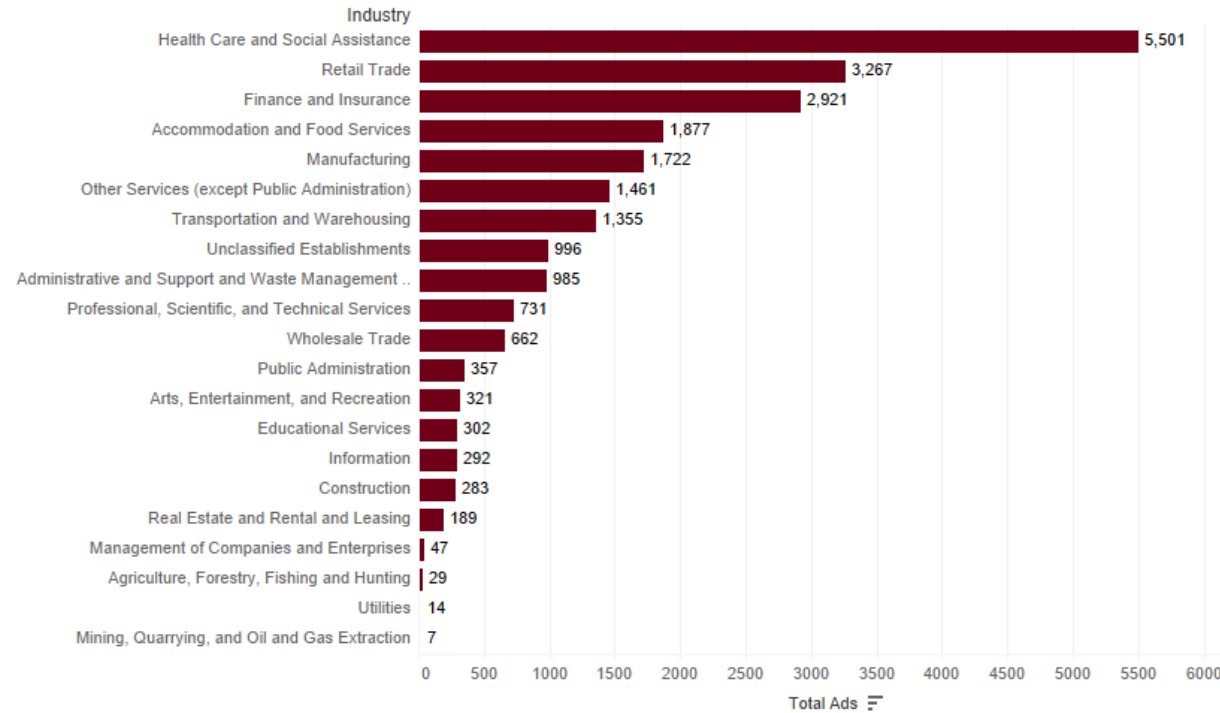
Online Job Postings
2020

Online Job Postings
2021

Online Job Postings, 2020

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.

Online Job Postings by Industry - Stark County



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 - Hancock
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 - Holmes
 - Huron
 - Jackson
 - Jefferson
 - Knox
 - Lake
 - Lawrence
 - Licking

Source: TalentNeuron. Job advertisements counted are those posted in OhioMeansJobs.com, Monster, Indeed, LinkedIn, Career Builder, online newspapers and many others. The use of TalentNeuron reflects a change in methodology used in previous reports and data should not be compared to earlier reports.
*Excludes job advertisements in unclassified establishments (NAICS 999999) and establishments for which industry was unavailable.

Online Job Postings

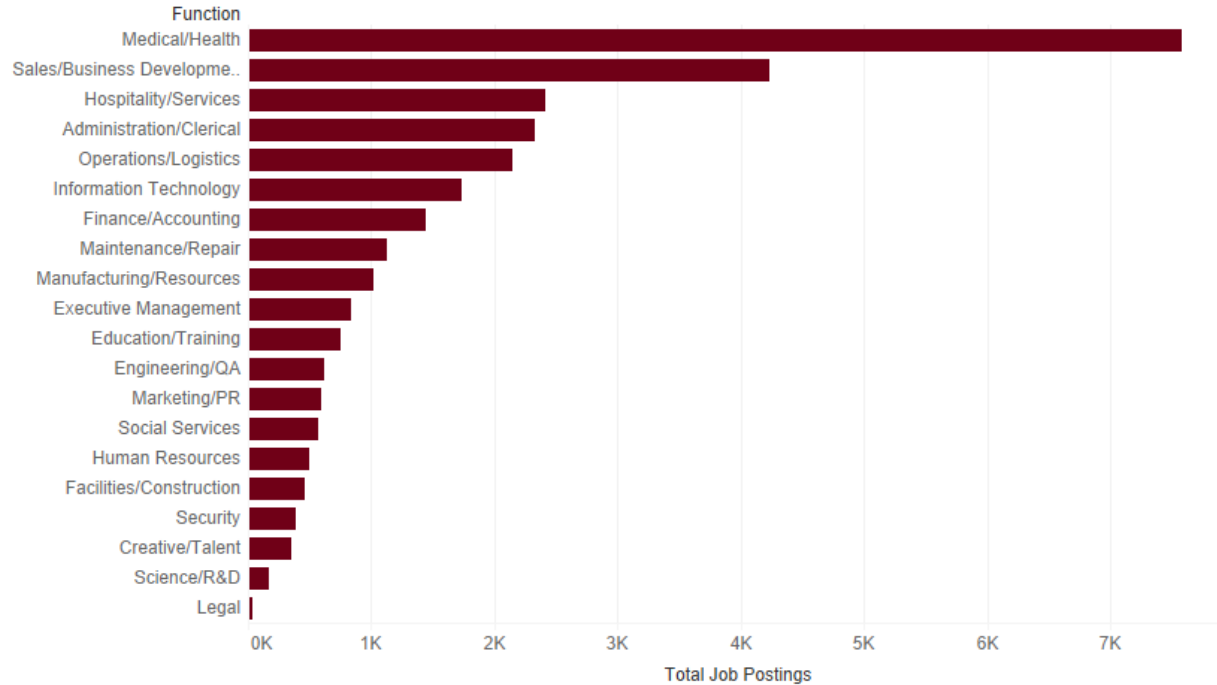
Online Job Postings
2020

Online Job Postings
2021

Online Job Postings, 2021

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.

Online Job Postings by Function - Stark County

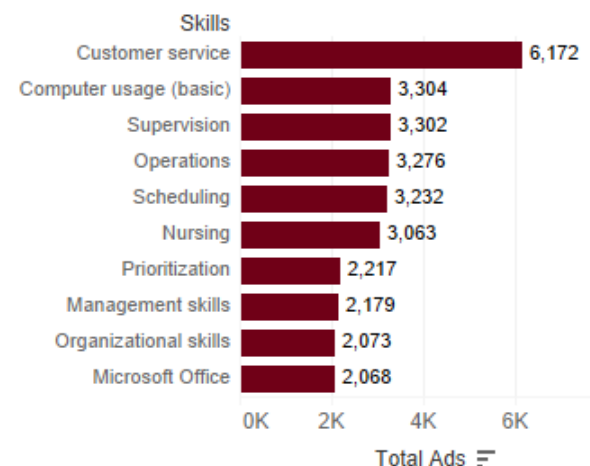
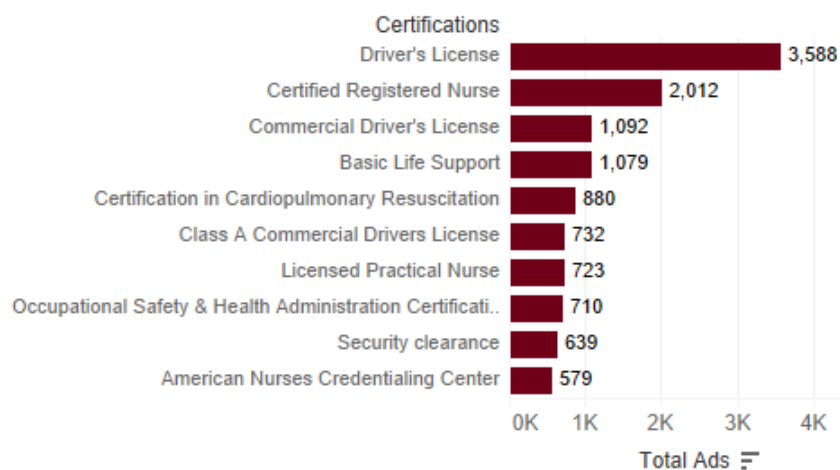
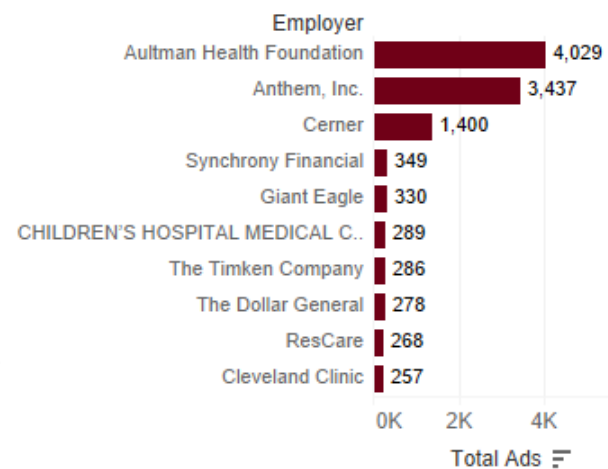


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Top Occupations with the Most Area Online Job Ads - Stark County**Top Skills for Online Job Ads - Stark County****Top Certifications for Online Job Ads - Stark County****Top Employers with the Most Area Online Job Ads - Stark County**

Year 2019 2020**Area**

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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.

Industry	Area / Year / Quarter							
	Ohio 2020				Stark 2020			
	1	2	3	4	1	2	3	4
All NAICS Sectors	8.7%	8.3%	8.3%	9.0%	8.8%	8.5%	9.3%	8.9%
Accommodation and Food Services	15.6%	16.5%	14.6%	18.0%	14.5%	15.9%	15.6%	16.7%
Agriculture, Forestry, Fishing and Hunting	7.5%	10.1%	13.8%	7.5%	6.0%	5.9%	37.9%	7.8%
Arts, Entertainment, and Recreation	13.6%	12.9%	21.9%	13.6%	11.7%	12.6%	26.5%	11.7%
Construction	7.5%	7.9%	13.2%	8.5%	6.6%	7.3%	13.9%	8.1%
Educational Services	8.6%	6.6%	5.3%	8.3%	12.4%	6.0%	31.2%	10.8%
Finance and Insurance	4.3%	4.2%	3.7%	4.4%	4.0%	3.9%	3.0%	3.5%
Health Care and Social Assistance	8.0%	7.8%	7.2%	7.9%	8.5%	8.8%	7.1%	7.9%
Information	6.0%	5.8%	5.3%	5.7%	6.6%	5.7%	6.1%	8.2%
Management of Companies and Enterprises	5.2%	5.0%	4.6%	4.7%	6.6%	6.8%	5.5%	5.7%
Manufacturing	5.5%	5.4%	4.4%	5.4%	6.2%	5.8%	4.8%	5.7%
Mining, Quarrying, and Oil and Gas Extraction	9.1%	6.8%	6.7%	5.7%	7.0%	4.8%	10.7%	6.5%
Other Services (except Public Administration)	8.5%	8.7%	7.6%	9.2%	7.1%	7.7%	10.4%	8.8%
Professional, Scientific, and Technical Services	7.4%	6.7%	5.8%	6.7%	7.5%	6.6%	5.7%	6.9%
Real Estate and Rental and Leasing	8.3%	8.0%	8.0%	7.9%	8.5%	8.9%	8.6%	8.0%
Retail Trade	11.0%	9.6%	9.9%	11.0%	11.1%	9.4%	9.7%	10.9%
Transportation and Warehousing	10.4%	8.5%	10.0%	10.5%	8.8%	7.2%	8.7%	9.0%
Utilities	2.7%	3.2%	2.3%	2.8%	1.9%	3.1%	2.9%	2.0%
Wholesale Trade	6.1%	5.8%	5.0%	5.5%	6.1%	6.8%	5.8%	5.2%
Administrative and Support and Waste Management and Remediation Services	16.3%	15.6%	17.4%	17.5%	14.4%	14.0%	17.4%	16.5%

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.

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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.

Stark County**Number of High School Seniors (12th Graders*)**

Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
2014	4,284	249	99	4,632	
2015	3,864	208	102	4,175	289
2016	3,891	241	111	4,242	745
2017	3,778	217	106	4,101	1,392
2018	4,074	176	117	4,367	2,577
2019	4,022	154	155	4,331	2,336
2020	3,780	181	155	4,116	3,330

*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

County

- Adams
 Allen
 Ashland
 Ashtabula
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 Belmont
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Resume Snapshot

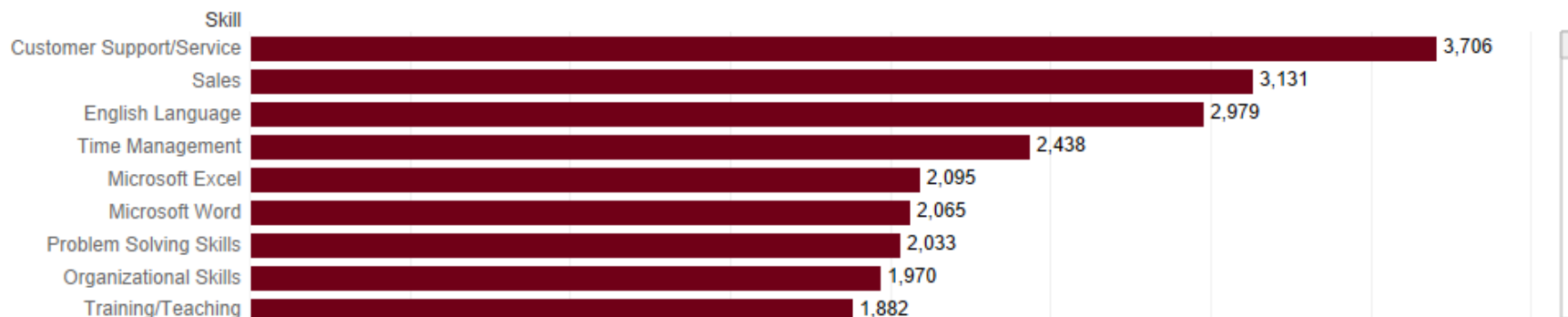
The number of resumes posted in OhioMeansJobs.com by county residents is shown below, including the number posted by veterans, restored citizens, and individuals with disabilities. The number of restored citizen resumes represents resumes posted by individuals who were incarcerated in Ohio Department of Rehabilitation and Correction facilities and had 2021 release dates.

Stark			
Total Resumes	Total Veteran Resumes	Total Restored Citizen Resumes	Total Individuals with a Disability Resumes
69,708	2,055	9	9

Source: Monster.com and Monster Government Solutions.

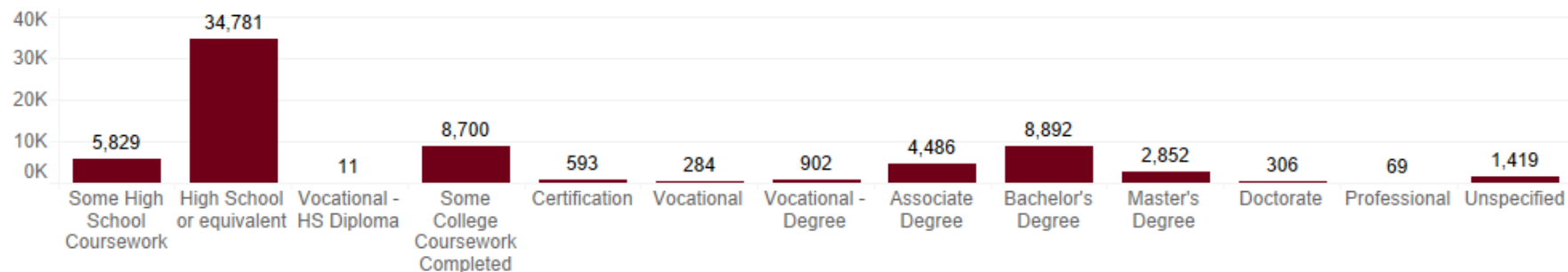
*County was determined based on home/returning address provided by incarcerated individuals.

Number of Resumes with Top 45 Workforce Skills



Source: Monster Government Solutions, April 2021.

Education Level



Source: Monster Government Solutions, April 2021. See "Quick Guide to Understanding the County Economic Health Reports" for description of educational categories.

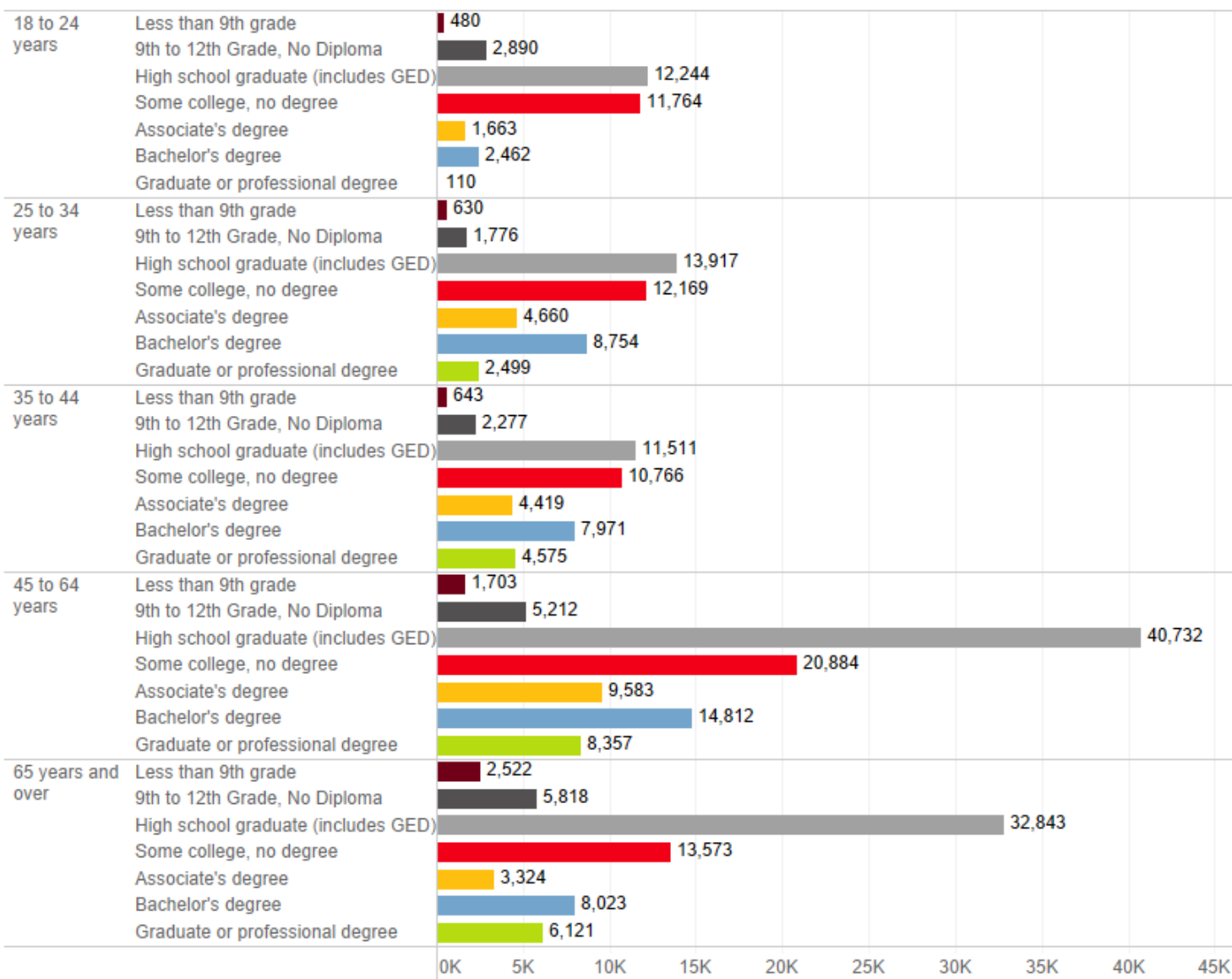
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- Highland

Highlight Education Level
No items highlighted

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.

Stark

Source: American Community Survey, 5-year estimates, 2015-2019.

Year

2019

2020

County

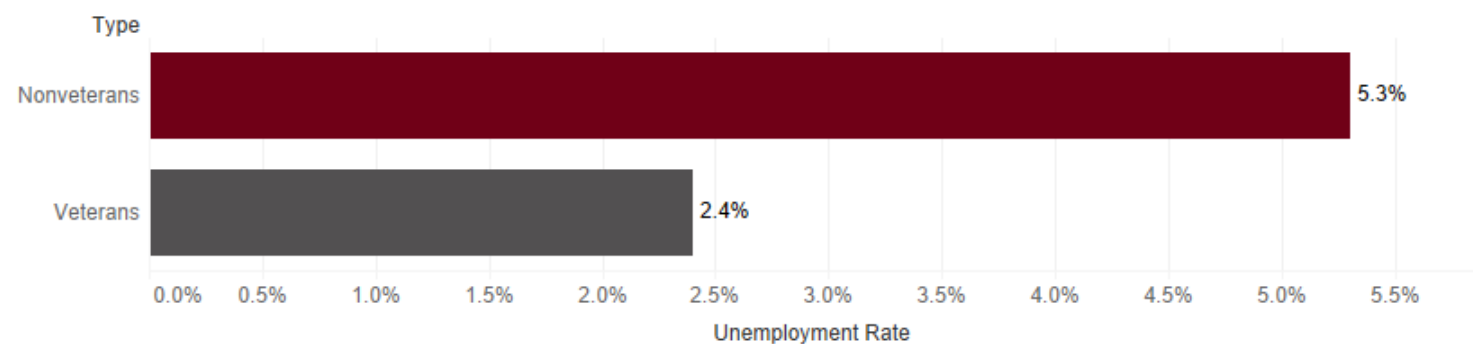
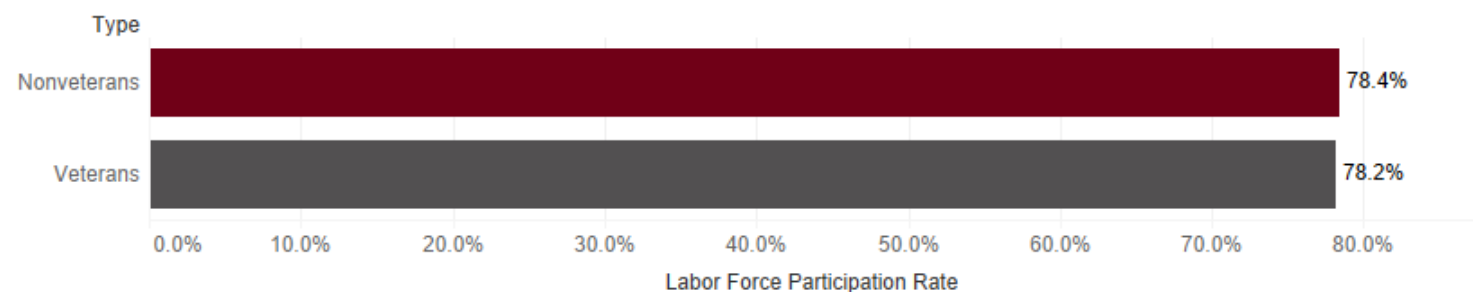
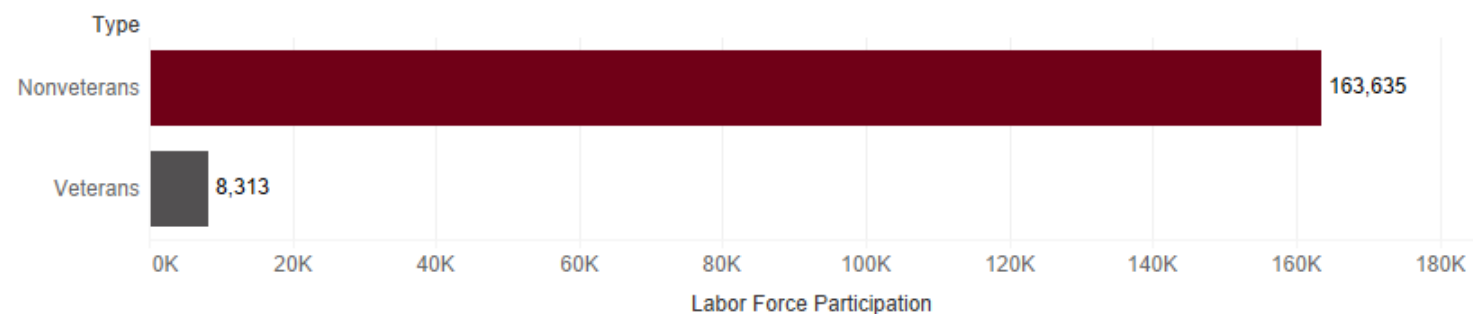
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Veteran Employment

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

Stark



Civilian Labor Force

The bar charts 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.

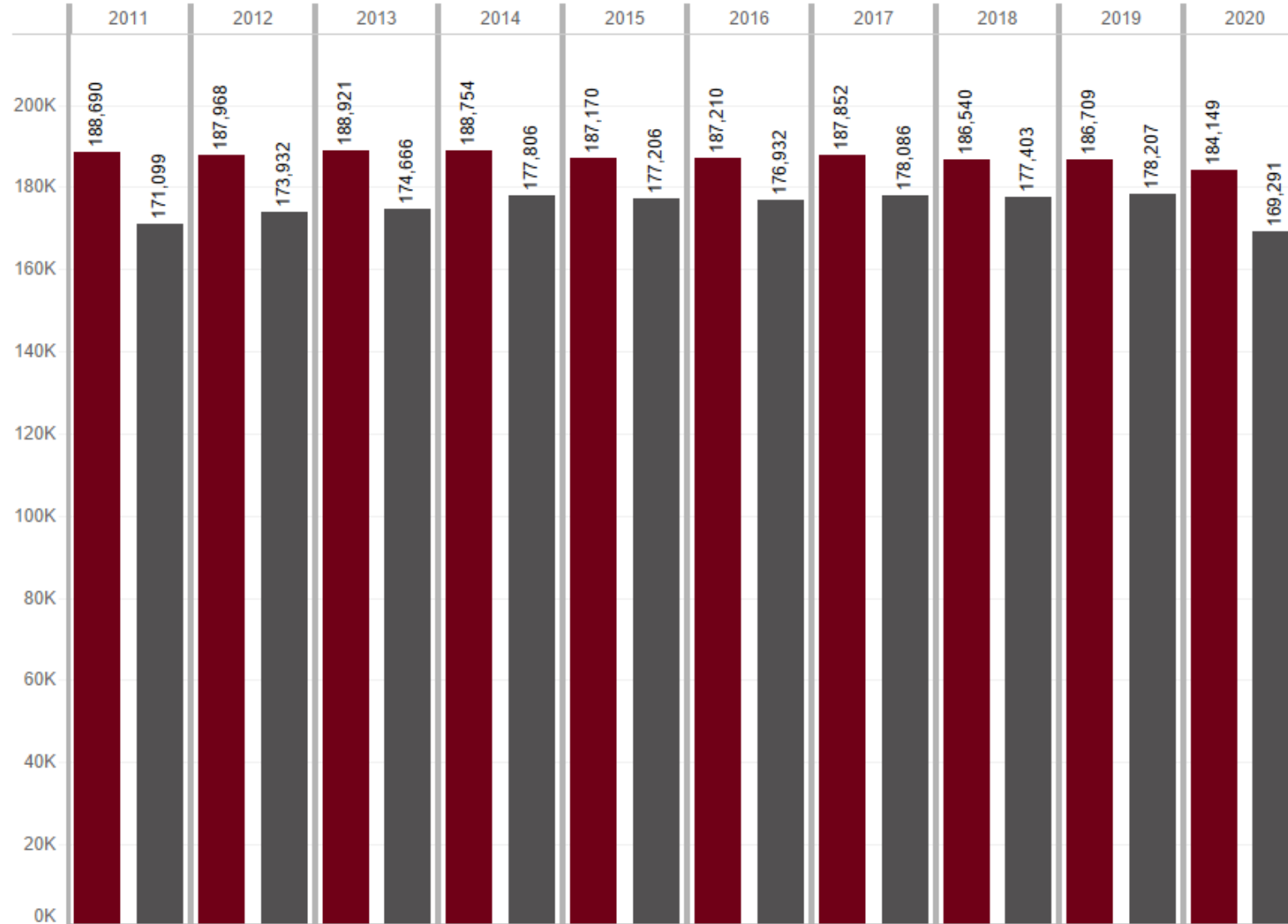
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Civilian Labor Force and Number Employed

■ Labor Force ■ Employment

Stark



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

Commuting Patterns

Commuting Trends

Commuting Patterns for
In-Commuters &
Out-Commuters

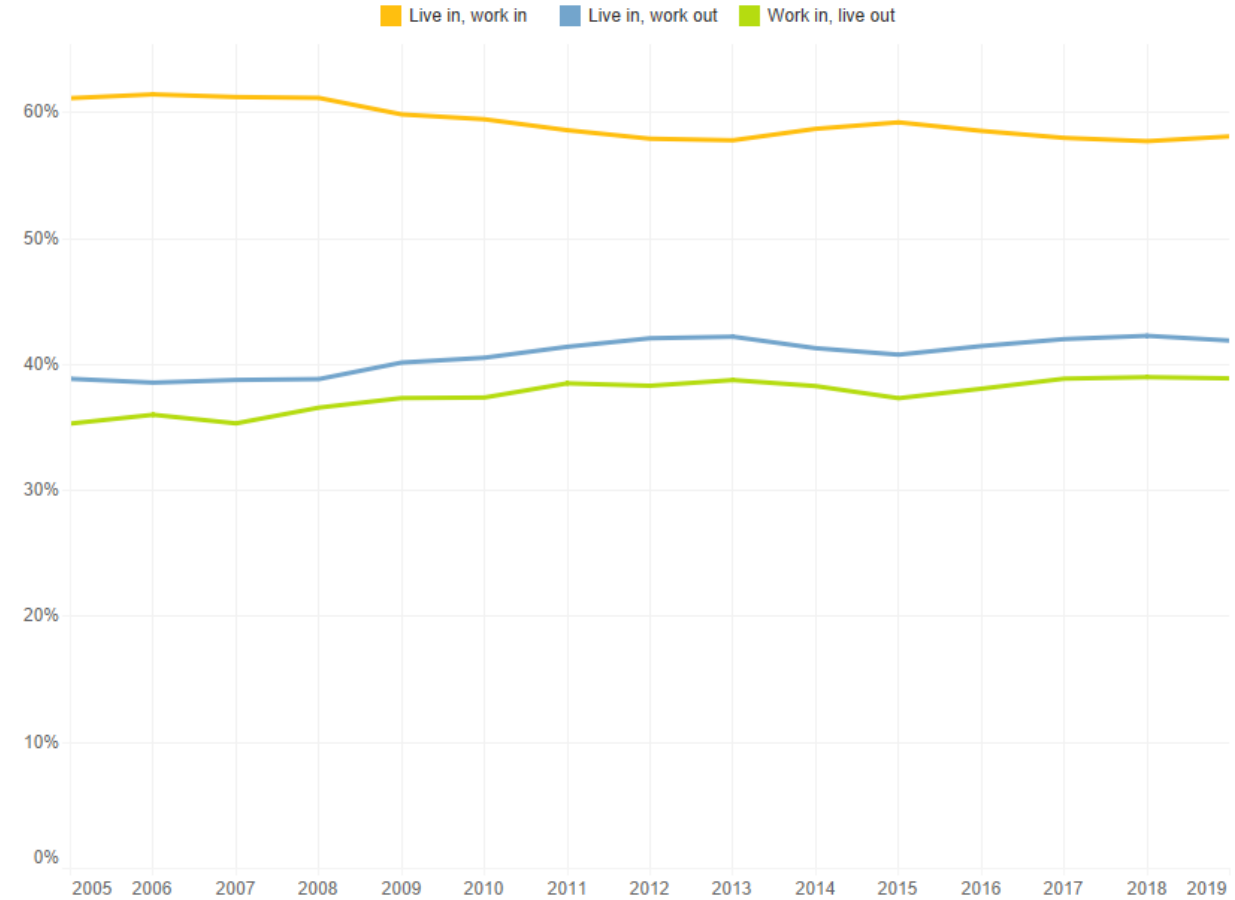
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Commuting Patterns

The line graph below shows the commuting patterns of workers who either live in or work in the county.

Commuting Trends - Stark



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

Commuting Patterns

Commuting Trends

Commuting Patterns for
In-Commuters &
Out-Commuters

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Commuting Patterns

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

Commuting Patterns - Stark County, 2005 – 2019

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
2005	104,299	66,303	56,934
2010	92,718	63,213	55,348
2018	99,033	72,536	63,307
2019	99,413	71,804	63,220

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

Top Work Counties for Out-Commuters	Year	
	2018	2019
Columbiana County, OH	1,452	1,376
Cuyahoga County, OH	8,820	8,419
Franklin County, OH	3,744	3,819
Mahoning County, OH	2,824	2,745
Medina County, OH	1,568	1,564
Portage County, OH	3,206	3,159
Summit County, OH	25,797	25,669
Trumbull County, OH	1,210	1,097
Tuscarawas County, OH	3,440	3,690
Wayne County, OH	3,851	3,824

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

Top Home Counties for In-Commuters	Year	
	2018	2019
Summit County, OH	13,965	14,388
Cuyahoga County, OH	4,309	6,183
Wayne County, OH	2,813	4,438
Franklin County, OH	1,784	3,699
Tuscarawas County, OH	6,433	3,248
Portage County, OH	3,185	3,225
Mahoning County, OH	3,233	3,149
Medina County, OH		2,866
Columbiana County, OH	3,322	1,919
Trumbull County, OH	1,816	1,672
Carroll County, OH	3,779	

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

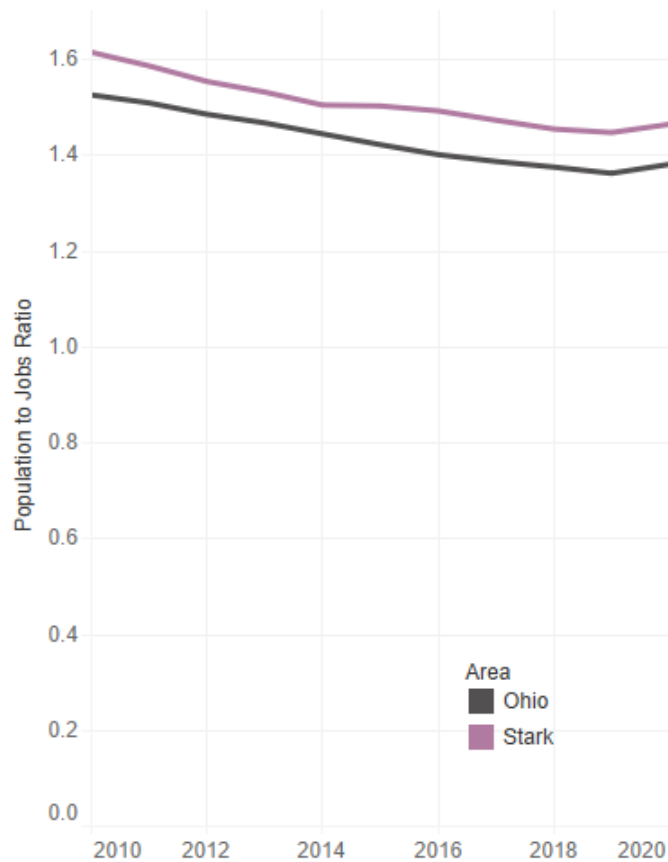
Population-to-Jobs Ratio

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.

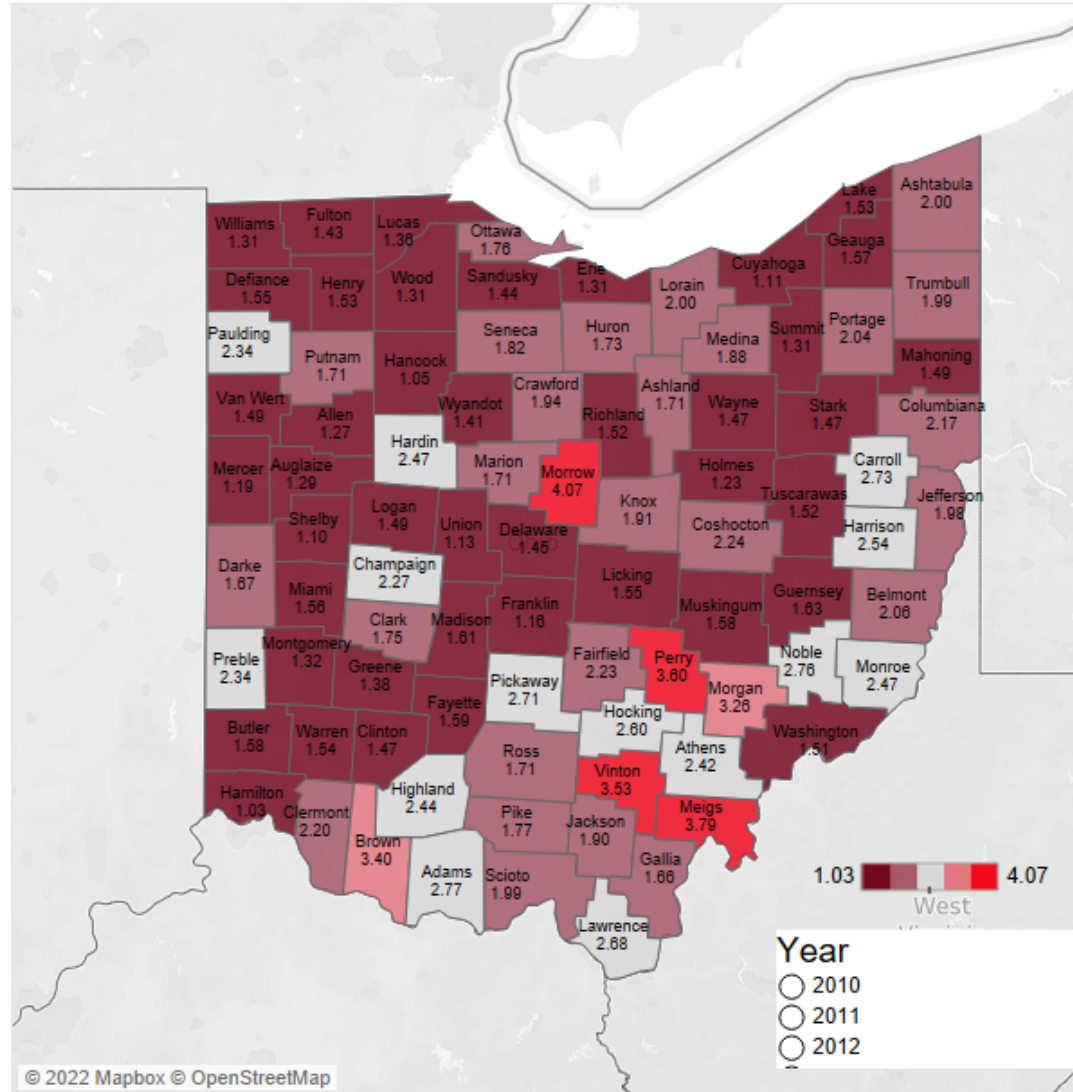
Area

- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont

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



Ohio County Population* (18-64-year-old) to Jobs** Ratio Map - 2020



*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

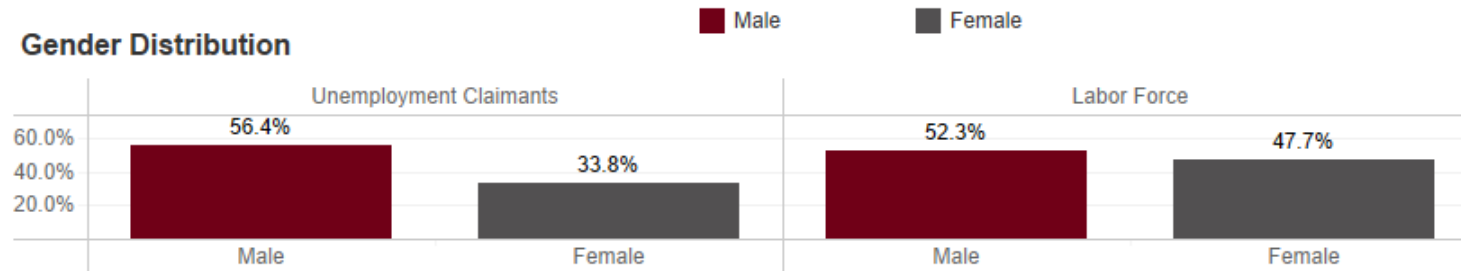
- 2019
- 2020
- 2021

Area

- Adams
- Allen
- Ashland
- Ashtabula
- Athens
- Auglaize
- Belmont

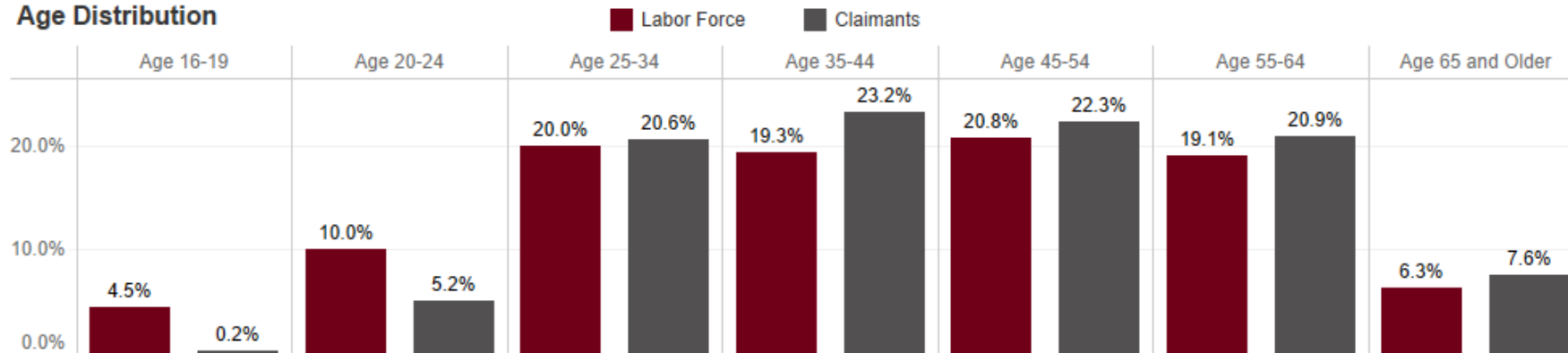
Stark

Gender Distribution



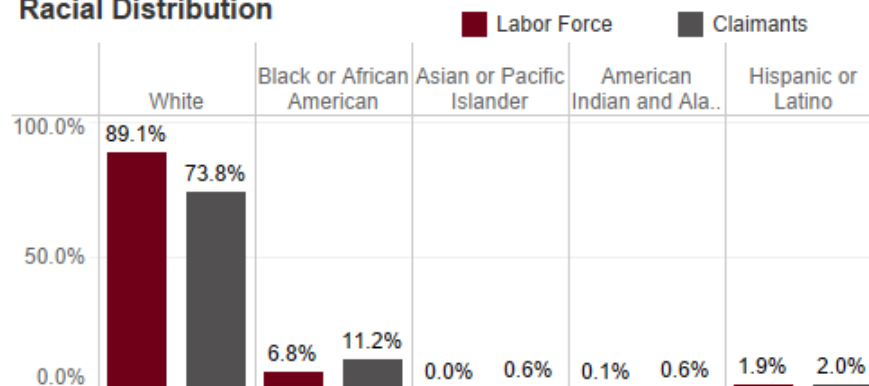
Source: Ohio Bureau of Labor Market Information

Age Distribution



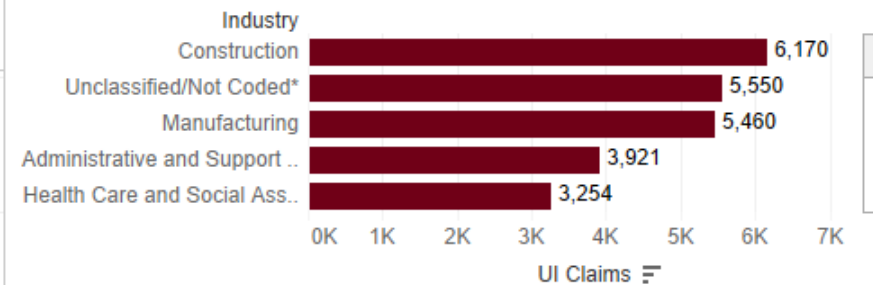
Source: Ohio Bureau of Labor Market Information.

Racial Distribution



Source: Ohio Bureau of Labor Market Information.

Unemployment Claims by Industry



Source: Ohio Bureau of Labor Market Information.

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